

2025 Spring Statistical Report

Metro Waste Authority
Metro Park West

Permit No. 08-SDP-03-84P
Submittal Date: June 27, 2025



Metro Waste Authority

We Know Where It Should Go

This page intentionally left blank.



Certification

I hereby certify that this report was prepared by me or under my direct personal supervision and that I am a qualified groundwater scientist based on the requirements noted in IAC 567—113.10(1)"d".

A handwritten signature in black ink, appearing to read 'Richard Wilson'.

06/27/2025

Richard Wilson

Date

Pages or sheets covered by this signature:

All

Certification page (PE or ground water scientist signature) **113.10(1)"d"**

For the purposes of this rule, a "qualified groundwater scientist" means a scientist or an engineer who has received a baccalaureate or postgraduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields demonstrated by state registration, professional certifications, or completion of accredited university programs that enable that individual to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action.



This page intentionally left blank.

Table of Contents

Acronyms/Abbreviations	ii
Executive Summary	iv
1 Purpose	vii
2 Site Background	1
2.1 Site Status and Applicable Rules	2
3 Monitoring Network and Sampling Procedures	3
3.1 Monitoring Network	3
3.2 Sampling Procedures	4
4 Data Evaluation and Summary	4
4.1 Detection Monitoring Activities and Evaluation	5
4.2 Assessment Monitoring Activities and Evaluation	5
4.3 Corrective Action Monitoring Activities and Evaluation	6
4.4 Quality Assurance/Quality Control	8
5 Conclusions and Recommendations	10

List of Figures

Figure 1 – Site Features
Figure 2 – Groundwater Contour Map – April 2025
Figure 3 – Arsenic & TSS Concentrations Map

List of Tables

Table 1 – Monitoring Program Summary
Table 2 – Background and GWPS Summary
Table 3 – Summary of Well/Detected Constituent Pairs with No Previous SSIs
Table 4 – Summary of Ongoing and Newly Identified SSIs
Table 5 – Summary of Ongoing and Newly Identified SSLs
Table 6 – Historic SSIs and SSLs
Table 7 – Corrective Action Trend Analysis
Table 8 – Arsenic and Geochemical Performance Parameters Summary - CAMP

List of Appendices

Appendix A – Groundwater Sampling Field Sheets
Appendix B – Laboratory Analytical Reports
Appendix C – Summary of Groundwater Chemistry
Appendix D – Spring 2025 Statistical Analysis

Acronyms/Abbreviations

AWQR = Annual Water Quality Report
CAP = Corrective Action Program
CAMP = Corrective Action Monitoring Program
DO = Dissolved Oxygen
GPP = Geochemical Performance Parameters
GWPS = Groundwater Protection Standards
HAR = Hydrological Assessment Report
HMSP = Hydrologic Monitoring System Plan
IAC = Iowa Administrative Code
IDNR = Iowa Department of Natural Resources
LCL = Lower Confidence Limit
LCS = Laboratory Control Samples
LCSD = Laboratory Control Sample Duplicates
MDL = Method Detection Limit
MPW = Metro Park West
MSWLF = Municipal Solid Waste Landfill
MWA = Metro Waste Authority
ORP = Oxidation-Reduction Potential
QA/QC = Quality Assurance/Quality Control
RL = Reporting Limit
RPD = Relative Percent Difference
SSI = Statistically Significant Increase
SSL = Statistically Significant Level
TOC = Total Organic Carbon
TSS = Total Suspended Solids
UCL = Upper Confidence Limit
UPL = Upper Prediction Limit
WLO = Water Level Only



This page intentionally left blank.

Executive Summary

This 2025 spring statistical report was prepared by HDR Engineering, Inc. (HDR) on behalf of the Metro Waste Authority (MWA) for the Metro Park West (MPW) Site. This report documents groundwater monitoring at the active Boone County municipal solid waste landfill (MSWLF) unit and the closed Greene County MSWLF unit at the MPW Site. It summarizes groundwater monitoring activities, associated data, and statistical analyses that were prepared during the first half of the 2025 reporting period from January 1, 2025, through June 30, 2025. Groundwater sampling, analysis, and reporting were conducted in accordance with Iowa Administrative Code (IAC) 567—113.10, and additional Iowa Department of Natural Resources (IDNR) requirements specified in the Site's solid waste disposal permit number 08-SDP-03-84P, subsequent permit amendments, the Hydrologic Monitoring System Plan (HMSP), and the Corrective Action / Monitoring Plan (CAP/CAMP).

Groundwater elevations, groundwater purge parameters, and water quality samples were collected during the first semiannual sampling event conducted on April 30, 2025. Groundwater samples were submitted to Eurofins Environment Testing (Eurofins) in Cedar Falls, Iowa for analysis. Statistical analyses performed included time series, outlier analysis, trend analysis, interwell upper prediction limits (UPLs), and lower confidence limit (LCL) analysis to identify statistically significant increases (SSIs) and concentrations measured at statistically significant levels (SSLs) above the groundwater protection standards (GWPS). The statistical comparisons were completed using Sanitas™ (Sanitas) statistical software by Sanitas Technologies.

This spring statistical report summarizes the sample evaluation and statistical analysis for the spring 2025 sampling event. Statistical analysis for the spring 2025 sampling event is presented in **Appendix D** of this report.

Changes to Monitoring Network

The IDNR approved a revised monitoring network for the Boone and Greene County MSWLF units in October 2022 and revised the Site's solid waste disposal permit number (08-SDP-03-84P). The revised network included combining the Boone and Greene County MSWLF units into a single MSWLF monitoring network referred hereafter as "the site."

Statistical analysis is conducted based on the geologic units. Monitoring wells screened in the glacial till are statistically analyzed separately from the monitoring wells screened in the alluvium. Monitoring points removed from the network included MW-3, MW-8R, MW-13, MW-14, GDE, and GDW. Groundwater underdrain UD-B is still active but is being treated as leachate; therefore, groundwater monitoring is not being conducted.

In preparation for construction of Cell D at the site, monitoring well MW-16 was abandoned on December 20, 2022. Following completion of Cell D construction in June 2023, monitoring wells MW-17 and MW-18 were installed as new downgradient monitoring points on the south and southeast sides of the site. Monitoring wells MW-17 and MW-18 were installed at the site on October 6, 2023.



The table below shows the HMSP and CAP/CAMP monitoring network that was utilized during the spring 2025 compliance sampling event:

Monitoring Well	Current Monitoring Program
MW-5AR	Background for Glacial Till screened wells
MW-6A	Background for Glacial Till screened wells
MW-28	Background for Alluvium screened wells
MW-1	Assessment (Glacial Till)
MW-2AR	Corrective Action (Alluvium)
MW-9B	Assessment (Glacial Till)
MW-12	Assessment (Glacial Till)
MW-17	Detection Monitoring (Glacial Till)
MW-18	Detection Monitoring (Glacial Till)
MW-20	Arsenic Delineation Well (Alluvium)
MW-21	Arsenic Delineation Well (Alluvium)
MW-26	Arsenic Delineation Well (Alluvium)
MW-27	Arsenic Delineation Well (Alluvium)

Detection Monitoring

Monitoring wells MW-17 and MW-18 were constructed on October 6, 2023, and were sampled for the first time during the fall 2023 semiannual compliance sampling event. Quarterly background sampling is being conducted at monitoring wells MW-17 and MW-18 to establish the background analytical database for statistical analysis. During spring 2025 semiannual sampling event, the seventh background sampling event was conducted at monitoring wells MW-17 and MW-18. Statistical analysis and evaluation of monitoring wells MW-17 and MW-18 will be conducted once eight (8) background events have been completed.

Assessment Monitoring

The site had three wells in the assessment monitoring program during the spring 2025 sampling event: MW-1, MW-9B, and MW-12. Two SSIs were identified during the spring 2025 sampling event:

- Cobalt at MW-9B
- Nickel at MW-9B

The SSIs cobalt and nickel at MW-9B have previously been identified. There were no SSLs above the GWPS for monitored constituents at monitoring wells in the assessment monitoring program. No changes are recommended for the assessment monitoring wells at this time.

Corrective Action Monitoring

Remedial measures were evaluated to address arsenic exceedances of the GWPS at monitoring well MW-2AR. The selected remedy is summarized in the IDNR approved CAP/CAMP dated February 2, 2023. Construction of the toe drain portion of the selected



remedy was conducted in June 2023 on the south side of the closed Greene County MSWLF unit. Details of the toe drain construction are summarized in the Cell D Construction Quality Assurance Report dated July 21, 2023, and can be found on the IDNR Electronic Documents Retrieval website (**Document ID# 107326 and 107327**). Startup of the toe drain occurred prior to the fall 2023 semiannual compliance sampling event. Monitoring well MW-2AR transitioned from the pre-corrective action monitoring program to the corrective action monitoring program in fall 2023.

Five SSIs were identified during the spring 2025 sampling event for monitoring well MW-2AR:

- Chlorobenzene
- Arsenic
- Barium
- Cobalt
- Nickel

These SSIs are consistent with those previously identified. An SSL for arsenic was identified during the spring 2025 statistical analysis; this SSL has been previously identified. No monitoring network changes are recommended at this time.

Recommendations

With the construction of Cell D and the installation of monitoring wells MW-17 and MW-18, background groundwater sampling should be conducted at monitoring wells MW-17 and MW-18 until eight (8) independent sampling events have been completed to establish the background analytical database. The eighth independent background sampling event for monitoring wells MW-17 and MW-18 is tentatively scheduled for the third quarter of 2025. Once the background database has been established for these monitoring wells, statistical analysis and evaluation will be conducted on monitoring wells MW-17 and MW-18 under the detection monitoring program.

SSIs and SSLs identified during the spring 2025 semiannual compliance sampling event are consistent with those previously detected. There are no recommended changes to the monitoring program for the site's monitoring well network. The CAP/CAMP has been implemented at the site with the installation and startup of the toe drain. The CAP/CAMP monitoring procedures will be conducted to evaluate the remedial measures implemented for the arsenic exceedance of the GWPS at monitoring well MW-2AR.



This page is intentionally left blank

1 Purpose

This spring 2025 statistical report summarizes groundwater monitoring activities, associated data, and statistical analyses that were prepared by HDR Engineering, Inc. (HDR) during the first half of the 2025 reporting period (January 1, 2025 through June 30, 2025) on behalf of the Metro Waste Authority (MWA) for the Metro Park West (MPW) Site. This report documents groundwater monitoring at the active Boone County municipal solid waste landfill (MSWLF) unit and the closed Greene County MSWLF unit at the MPW site. Groundwater sampling, analysis, and reporting were conducted in accordance with Iowa Administrative Code (IAC) 567—113.10, and additional IDNR requirements specified in the Site's solid waste disposal permit number 08-SDP-03-84P, subsequent permit amendments, the Hydrologic Monitoring System Plan (HMSP), and the Corrective Action / Monitoring Plan (CAP/CAMP).

2 Site Background

The MPW Site is located approximately five miles northwest of the City of Perry, Iowa, in the southwest fractional quarter of Section 31, Township 82 North, Range 28 West of Boone County, Iowa; Lot 14 of Section 36, Township 82 North, Range 29 West of Greene County, Iowa; and in the northwest fractional quarter of Section 6, Township 81 North, Range 28 West of Dallas County, Iowa. A site map depicting the characteristics of the landfill and surrounding vicinity is provided as **Figure 1**.

The closed, unlined Greene County MSWLF is located in a ravine fill on the west side of the Site. The Greene County site closed in 2004 and had a separate monitoring network and monitoring requirements as defined in the permit issued and rules in effect at the time waste acceptance ceased, accept as noted in 567 IAC 113.2(5). The Boone County MSWLF is currently active and is therefore subject to 567 IAC 113.10. The Boone County MSWLF unit is located on the east side of the Site and consists of a northern unlined portion and a southern lined portion. The unlined portion of the MSWLF is referred to as the North Area, and the lined portion of the MSWLF is called the South Area. Active fill areas are on the south side of the Boone County MSWLF Unit.

In October 2022, the IDNR accepted a revised monitoring network that combined the Greene County MSWLF unit and the Boone County MSWLF into a single monitoring network. Monitoring points MW-3, MW-8R, MW-13, and MW-14 were removed from the approved monitoring network at that time, and those wells are currently being used as water level only (WLO) wells. In addition, groundwater underdrains GDE and GDW have been sealed to cease groundwater discharge, as approved by IDNR on September 29, 2022. Groundwater under drain UD-B is still active but is being treated as leachate; therefore, groundwater monitoring is not being conducted. The HMSP monitoring network is shown in **Table 1**.

In preparation for construction of Cell D, monitoring well MW-16 was abandoned on December 20, 2022. Following completion of Cell D construction in June 2023, monitoring wells MW-17 and MW-18 were installed as new downgradient monitoring points on the south and southeast

sides of the Site. Monitoring wells MW-17 and MW-18 were installed at the site on October 6, 2023.

Two hydrogeological investigations have been conducted to characterize the soils and hydrogeology of the Boone County and Greene County MSWLF units. A 1992 Hydrological Assessment Report (HAR) was prepared to describe site conditions at the now-closed Greene County MSWLF unit and the North Area of the Boone County MSWLF unit. Another HAR was prepared in 1998 to study hydrologic and soil conditions of the southern expansion area of the Boone County MSWLF. The hydrogeological investigations indicated that the northern portion of the MSWLF unit has predominately glacial clay soils. The southern portion of the Boone County MSWLF unit may be located on sandy, graveled alluvial soils. The overlying materials generally consist of unconsolidated glacial drift deposits of the Pleistocene glaciation. The soils encountered in boring logs were generally described as sandy lean clays with traces of gravel. Borings performed in the alluvial deposits of the North Raccoon River tended to encounter sands.

The Site's HMSP notes that Pennsylvanian age bedrock underlies the glacial and alluvial deposits, which acts as an aquitard. The 1998 HAR indicates that the site's water table is in the upper glacial and alluvial deposits. Groundwater flow is generally to the southwest toward the North Raccoon River.

Arsenic at monitoring well MW-2AR has been detected at statistically significant levels (SSLs) above the groundwater protection standard (GWPS). This exceedance triggered the assessment of corrective measures (ACM) process outlined in IAC 113.10(6)"g", 113.10(7), and 113.10(8). A Nature and Extent Study & Assessment of Corrective Measures (NES/ACM) dated October 6, 2022, was prepared and reviewed by IDNR. Based on the data presented in the NES/ACM, a CAP/CAMP dated February 2, 2023, recommended a remedy consisting of a combination of source control and monitored natural attenuation (MNA). The IDNR approved the CAP/CAMP in a letter dated February 22, 2023. Installation of a toe drain on the south side of the closed Greene County MSWLF unit was conducted in June 2023 and became operational prior to the fall 2023 semiannual compliance sampling event.

2.1 Site Status and Applicable Rules

The Boone County MSWLF unit is authorized to accept the following waste streams, in accordance with the Site's solid waste disposal permit number 08-SDP-03-84P:

- Municipal solid waste and commercial/industrial/institutional wastes
- Solid waste in accordance with the approved Comprehensive Plan
- Biosolids in accordance with the conditions in the operating permit

The facility is also permitted to accept the materials listed below for processing by recycling or composting:

- Trees, limbs, brush, and clean wood wastes
- Grass clippings, leaves, and garden wastes
- White goods
- Scrap metal

- Used oil and antifreeze
- Waste tires
- Lead acid batteries
- Liquid propane (LP) tanks
- Wood pallets
- Rigid recyclable wastes and fiber recyclable wastes
- Household hazardous waste (HHW)
- E-waste
- Cathode ray tubes (CRTs)

Active fill areas of the Boone County MSWLF Unit include Cell A, Cell B, Cell C, and Cell D. The last constructed cell (Cell D) was completed in June 2023. The site operates under solid waste disposal permit number 08-SDP-03-84P and subsequent amendments. The applicable regulatory requirements are established in the most recent revision to IAC, Chapter 113.

3 Monitoring Network and Sampling Procedures

3.1 Monitoring Network

HMSP monitoring locations sampled during the spring 2025 semiannual compliance sampling event for the site include background wells MW-5AR, MW-6A, MW-28, and downgradient monitoring wells MW-1, MW-2AR, MW-9B, MW-12, MW-17, and MW-18. The HMSP monitoring network for the Site is summarized in the attached **Table 1**, along with the monitoring program for each monitoring point. With the initiation of the CAP/CAMP in 2023, non-HMSP monitoring wells (MW-20, MW-21, MW-26, and MW-27) are proposed to be sampled and are designated as arsenic delineation monitoring wells. During the spring 2025 semiannual compliance sampling event, groundwater samples were collected from arsenic delineation monitoring wells MW-20, MW-21, MW-26, and MW-27.

Semiannual detection, assessment, and corrective action monitoring were conducted at the HMSP groundwater monitoring locations on April 30, 2025, as indicated in

Table 1. Monitoring wells MW-1, MW-2AR, MW-5AR, MW-6A, MW-9B, MW-12, MW-17, MW-18, and MW-28 were sampled for the Appendix I constituent list and total suspended solids (TSS). Wells in assessment monitoring are required to be sampled for the Appendix II constituent list when they transition into the assessment monitoring program and every five years thereafter. There were no wells sampled for full Appendix II constituents during the spring 2025 sampling event. The next full Appendix II sampling event is scheduled for 2027 for monitoring wells MW-1, MW-9B, and MW-12.

During the spring 2025 semiannual compliance sampling event, HMSP monitoring wells MW-2AR, MW-5AR, MW-6A, and MW-28 were sampled and analyzed for geochemical performance parameters (GPP) in accordance with the CAP/CAMP. The laboratory analyzed GPP constituents include sulfate, iron (total), manganese (total), and total organic carbon (TOC). Also, during the spring 2025 semiannual compliance sampling event, arsenic, TSS, and

GPP were analyzed in the samples collected from the non-HMSP monitoring wells (MW-20, MW-21, MW-26, and MW-27).

With the installation of monitoring wells MW-17 and MW-18 in October 2023, background monitoring has commenced. The seventh background monitoring event was conducted during the spring 2025 semiannual sampling event. Groundwater samples collected from monitoring wells MW-17 and MW-18 during the spring 2025 monitoring event were analyzed for Appendix I and TSS constituents.

Completed field sampling forms are included in **Appendix A**, and laboratory reports are provided in **Appendix B** for the spring 2025 semiannual compliance sampling event. Historical groundwater data is provided in **Appendix C**. Statistical analysis for the spring 2025 semiannual compliance sampling event is presented in **Appendix D** of this report.

3.2 Sampling Procedures

A water level indicator was used to measure the static water level in each of the monitoring wells prior to purging and sampling. Static water levels in site monitoring wells were used to determine the groundwater elevation during this sampling event and are shown in the attached **Figure 2** (Groundwater Contour Map – April 2025). During the spring 2025 sampling event, groundwater elevations at the network monitoring wells ranged from 926.58 (MW-20) to 1000.73 (MW-5BR) feet above mean sea level. Groundwater flow direction was generally to the southwest, which is consistent with historical groundwater flow data from the Site.

In addition to measuring depth to groundwater (static water level) during the sampling event, field parameters were measured to verify and document the presence of a stable and representative sample medium prior to collection. A multi-parameter meter (YSI Pro DSS with flow cell) was used to take geochemical measurements including temperature, conductivity, oxidation-reduction potential (ORP), dissolved oxygen (DO), turbidity, and pH of the groundwater purged from the monitoring wells and prior to sampling. Geochemical measurements were recorded on the field sampling forms and are provided in **Appendix A**. Current well conditions including casing degradation, collision, or vandalism is provided on the sampling forms.

Groundwater samples were collected using dedicated bladder pumps following stabilization of parameters from each well with the exception of arsenic delineation monitoring wells MW-20, MW-21, MW-26, and MW-27. Groundwater samples were collected from monitoring wells MW-20, MW-21, MW-26, and MW-27 with a peristaltic pump following stabilization of purge parameters during the April 2025 sampling event. Samples were collected in accordance with the standard low flow sampling techniques described in the most recent and approved HMSP.

4 Data Evaluation and Summary

During the spring 2025 semiannual compliance sampling event, groundwater samples for the site were obtained from HMSP background monitoring wells MW-5AR, MW-6A, and MW-28,

downgradient monitoring wells MW-1, MW-2AR, MW-9B, MW-12, MW-17, and MW-18, and non-HMSP arsenic delineation monitoring wells MW-20, MW-21, MW-26, and MW-27.

Groundwater samples were submitted to Eurofins in Cedar Falls, Iowa, for analysis. Prior to statistical analyses, descriptive analyses are performed on the data set consisting of outlier analysis, time series graphs, box and whisker plots, and trend test analysis. These tests are performed to verify the validity of the data used to determine upper prediction limits (UPLs) and lower confidence limits (LCLs). Statistical analyses performed included prediction limit analyses to identify statistically significant increases (SSIs). Monitoring points in the assessment monitoring and corrective action program were evaluated with LCL analysis to identify concentrations measured at SSLs above the GWPS. The statistical comparisons were completed using Sanitas™ (Sanitas) statistical software by Sanitas Technologies.

4.1 Detection Monitoring Activities and Evaluation

Monitoring wells MW-17 and MW-18 were constructed on October 6, 2023, and were sampled for the first time during the fall 2023 semiannual compliance sampling event. Background sampling is being conducted at monitoring wells MW-17 and MW-18 in order to establish the background analytical database for statistical analysis. During the spring 2025 semiannual sampling event, the seventh background sampling event was conducted at monitoring wells MW-17 and MW-18 on April 30, 2025. Concentrations reported above the method detection limit in the spring 2025 groundwater samples from MW-17 and MW-18 are summarized on **Table 3**. Statistical analysis and evaluation of monitoring wells MW-17 and MW-18 will be conducted once eight (8) background events have been completed. The first eight (8) independent background sampling events are scheduled to be completed by the third quarter of 2025.

4.2 Assessment Monitoring Activities and Evaluation

The site had three wells in the assessment monitoring program during the spring 2025 sampling event: MW-1, MW-9B, and MW-12.

4.2.1 Statistical Analysis

The descriptive statistical analyses were prepared for Appendix I inorganic constituents and detected VOCs. A Mann-Kendall trend test was used to evaluate trends at each of the downgradient monitoring points. There were no statistically significant increasing trends identified for constituents monitored in the assessment monitoring wells.

4.2.2.1 UPPER PREDICTION LIMITS – ASSESSMENT MONITORING POINTS

Downgradient monitoring points MW-1, MW-9B, and MW-12 were evaluated using interwell UPLs with upgradient monitoring wells MW-5AR and MW-6A as the background well data sets. A summary of interwell UPLs for background monitoring wells MW-5AR and MW-6A are included on **Table 2**. UPLs are calculated using either parametric or nonparametric tests, depending on the background data distribution for each constituent. The most recent UPLs are nonparametric, and UPLs were calculated by selecting the highest background value for that constituent. If a constituent has 100% non-detects in the background dataset, the most recent reporting limits (RLs) are used as the UPL.

The following SSIs were identified during the spring 2025 semiannual compliance sampling event:

- Cobalt at MW-9B
- Nickel at MW-9B

These SSIs have been identified during previous sampling events. No follow-up actions are required.

4.2.2.2 CONFIDENCE INTERVALS – ASSESSMENT MONITORING POINTS

No SSLs were identified during the spring 2025 semiannual compliance sampling event at assessment monitoring wells. Assessment monitoring wells MW-1, MW-9B, and MW-12 will remain in the assessment monitoring program for the fall 2025 sampling event.

4.3 Corrective Action Monitoring Activities and Evaluation

Monitoring well MW-2AR was moved from the pre-corrective action monitoring program to the corrective action monitoring program prior to the fall 2023 semiannual compliance sampling event following the initiation of the IDNR approved CAP/CAMP dated February 2, 2023. Construction of the toe drain portion of the selected remedy was conducted in June 2023 on the south side of the closed Greene County MSWLF unit. Details of the toe drain construction are summarized in the Cell D Construction Quality Assurance Report dated July 21, 2023. Startup of the toe drain occurred prior to the fall 2023 semiannual compliance sampling event.

Corrective action monitoring wells are statistically analyzed using parametric and nonparametric interwell UPLs to formally assess for SSIs for constituents that have been detected above the RL. LCLs are used to evaluate for SSLs above the GWPS for constituents that have not previously been identified at SSLs. Arsenic has previously been detected at an SSL above the GWPS at monitoring well MW-2AR which triggered the corrective action monitoring program. Under the corrective action monitoring program, the upper confidence limit (UCL) for arsenic at monitoring well MW-2AR will be compared to the GWPS. To return to assessment monitoring, the UCL must remain below the GWPS for three (3) consecutive years.

In addition to statistical analysis of monitored constituents at monitoring well MW-2AR, the following activities were also conducted as a part of the corrective action monitoring program in accordance with the CAP/CAMP dated February 2, 2023:

1. Collect groundwater samples for analysis of GPP at background monitoring wells (MW-5AR, MW-6A, and MW-28), corrective action monitoring well (MW-2AR), and arsenic delineation wells (MW-20, MW-21, MW-26, and MW-27) and use the data for evaluation of the corrective action remedy.
2. Collect surface water samples from Racoon River for analysis of arsenic and TSS to evaluate if arsenic concentrations in the river are increasing as a result of a potential release from the site or due to natural variability.

4.3.1 Statistical Analysis

The descriptive statistical analyses were prepared for Appendix I inorganic constituents and detected VOCs. A Mann-Kendall trend test was used to evaluate trends at each of the downgradient monitoring points. There were no statistically significant increasing trends identified for constituents monitored for monitoring well MW-2AR.

4.3.1.1 UPPER PREDICTION LIMITS – CORRECTIVE ACTION MONITORING POINTS

Downgradient monitoring point MW-2AR was evaluated using interwell UPLs, with upgradient monitoring well MW-28 as the background well. MW-2AR is in the alluvial formation, rather than glacial till like the other network monitoring wells. Therefore, MW-2AR uses MW-28, another alluvial well for background, rather than MW-5AR and MW-6A as the background well. MW-2AR has a separate set of prediction limits based on background monitoring well MW-28. A summary of interwell UPLs for background monitoring well MW-28 is included on **Table 2**. UPLs are calculated using either parametric or nonparametric tests, depending on the background data distribution for each constituent. Several constituents had nonparametric UPLs, which were calculated by selecting the highest background value for that constituent. If a constituent has 100% non-detects in the background dataset, the most recent RLs are used as the UPL. The SSIs identified for inorganic constituents for the spring 2025 semiannual compliance sampling event include the following:

- Arsenic
- Barium
- Cobalt
- Nickel

An SSI was identified for VOCs via the Double Quantification Rule at monitoring well MW-2AR. During the spring 2025 semiannual compliance sampling event, the following SSI for VOCs was identified:

- Chlorobenzene

This SSI has been previously identified in MW-2AR. A summary of ongoing and newly identified SSIs is included on **Table 4**.

4.3.1.2 CONFIDENCE INTERVALS – CORRECTIVE ACTION MONITORING POINTS

One SSL for arsenic was identified during the spring 2025 semiannual compliance sampling event at MW-2AR. Arsenic at MW-2AR is an existing SSL that has been identified during previous sampling events. A summary of SSLs is included on **Table 5**. SSIs and SSLs identified in the past are summarized on **Table 6**.

Figure 3 depicts arsenic and TSS concentrations measured in groundwater samples collected from site monitoring wells during the spring 2025 semiannual compliance sampling event. Arsenic iso-concentration contours depict the approximate extent of arsenic concentrations above the GWPS of 0.01 milligrams per liter (mg/L).

Since the arsenic UCL still exceeds the GWPS, monitoring well MW-2AR will remain in the corrective action monitoring program for the next semiannual compliance sampling event.

4.3.2 Raccoon River Sampling

The IDNR has requested that MWA continue to monitor the Raccoon River twice per year for arsenic. The laboratory results for the Raccoon River sampling are included in **Appendix B**. Based on the 2025 semiannual sampling results from May 30, 2025, arsenic concentrations were below the EPA's maximum contaminant level (MCL) and Iowa Statewide Standard for arsenic (0.010 mg/L).

4.3.3 CAP/CAMP Performance Assessment

The spring 2025 semiannual compliance sampling event was the fourth sampling event conducted after the installation and startup of the toe drain for source control for arsenic near the closed Greene County MSWLF unit. Due to the limited amount of time the source control was operational, constituent concentrations in groundwater are not expected to be heavily influenced prior to the spring 2025 semiannual compliance sampling event. Nevertheless, Arsenic iso-concentration lines depicted on the attached **Figure 3** exhibit a smaller extent to what was depicted on **Figure 4** in the 2024 Annual Water Quality Report (AWQR) dated January 31, 2025.

An arsenic trend plot incorporating the last ten sampling events for monitoring wells MW-2AR, MW-5AR, MW-6A, MW-20, MW-21, MW-26, MW-27, and MW-28 is included in **Appendix D**. A statistically significant decreasing trend was identified for arsenic monitored at monitoring well MW-2AR. As noted on the attached **Table 7**, the last ten arsenic concentrations for MW-2AR exhibit a decreasing trend with a slope of -0.005639 milligrams per liter per year (mg/L/year).

Arsenic and GPP values or concentrations are summarized on the attached **Table 8** for the CAMP groundwater monitoring locations for the spring 2025 semiannual compliance sampling event and historical events. Since the spring 2025 semiannual compliance sampling event was the fourth sampling event conducted in accordance with the CAP/CAMP and this was the fourth event that GPP laboratory constituents were monitored, evaluation of the corrective action remedy is limited at this time based on the GPP constituents. With continued groundwater monitoring, the GPP database will expand which will allow for evaluation of the corrective action remedy. It is premature at this time to evaluate the effectiveness of the corrective action remedy.

4.4 Quality Assurance/Quality Control

The quality assurance/quality control (QA/QC) protocols for each sampling event include sampling orders, proper field protocols, and laboratory protocols. Eurofins is responsible for providing QA/QC of laboratory protocols. This documentation is included in **Appendix B**. The laboratory QA/QC protocols and documentation were reviewed. The laboratory sample receipt checklist indicated all samples were received within holding times, within acceptable temperatures, and sample containers were not broken or leaking.

The following qualifiers were noted for some parameters in the report:



- J – Result is less than the RL but greater than or equal to the laboratory method detection limit (MDL) and the concentration is an approximate value. Detections with J-flags are not considered as statistically significant results during analysis.

A review of the qualifiers indicated that the data is still appropriate for analysis, and no resampling or re-analysis is required.

One duplicate sample was collected and analyzed during the spring 2025 semiannual compliance sampling event. Field duplicate sample DUP-1 was obtained from monitoring location MW-2AR. The field duplicate sample was analyzed to determine the relative percent difference (RPD) between the original (parent) sample and the duplicate sample. RPD values are only calculated for constituents detected above the laboratory MDL for both the parent and duplicate samples. According to *Practical Guide for Ground-Water Sampling*, Barcelona et al, November 1985, “Duplicate sample values which differ by less than $\pm 50\%$ relative difference indicates good error control.”

The table below presents the parent/duplicate sample results along with the calculated RPD values. Each calculated RPD value is below the recommended 50%.

RPD Values

Parameter	Units	MW-2AR	DUP-1	RPD
Acetone	µg/L	7.21 J	6.18 J	N/A
Arsenic	mg/L	0.0368	0.0384	4.26%
Barium	mg/L	0.762	0.769	0.91%
Benzene	µg/L	0.237 J	0.272 J	N/A
Chlorobenzene	µg/L	1.35	1.37	1.47%
Chloroethane	µg/L	2.07 J	2.08 J	N/A
Cobalt	mg/L	0.00213	0.00218	2.32%
1,4-Dichlorobenzene	µg/L	0.608 J	0.503 J	N/A
Iron	mg/L	31.7	32.8	3.41%
Manganese	mg/L	3.07	2.94	4.33%
Nickel	mg/L	0.0177	0.0146	19.20%
TSS	mg/L	83.0	82.7	0.36%
Vanadium	mg/L	0.00209 J	0.00242 J	N/A

Notes:

mg/L = milligrams per liter

N/A = Not Applicable; RPD is not calculated for constituents that are non-detects (below laboratory RLs).

J = J-flagged; Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

RPD = Relative Percent Difference

µg/L = micrograms per liter

5 Conclusions and Recommendations

Following the spring 2025 statistical analysis of the detection, assessment, and corrective action monitoring locations, the following SSIs were identified:

Assessment Monitoring Wells:

- MW-9B: Cobalt and Nickel

Corrective Action Monitoring Wells:

- MW-2AR: Chlorobenzene, Arsenic, Barium, Cobalt, and Nickel

One previously identified SSL was noted during the spring 2025 statistical analysis: arsenic in MW-2AR. This well will remain in the corrective action program.

Recommendations

With the construction of Cell D and the installation of monitoring wells MW-17 and MW-18, background groundwater sampling should be conducted at monitoring wells MW-17 and MW-18 until eight (8) independent sampling events have been completed to establish the background analytical database. Once the background database has been established for these monitoring wells, statistical analysis and evaluation will be conducted on monitoring wells MW-17 and MW-18 under the detection monitoring program.

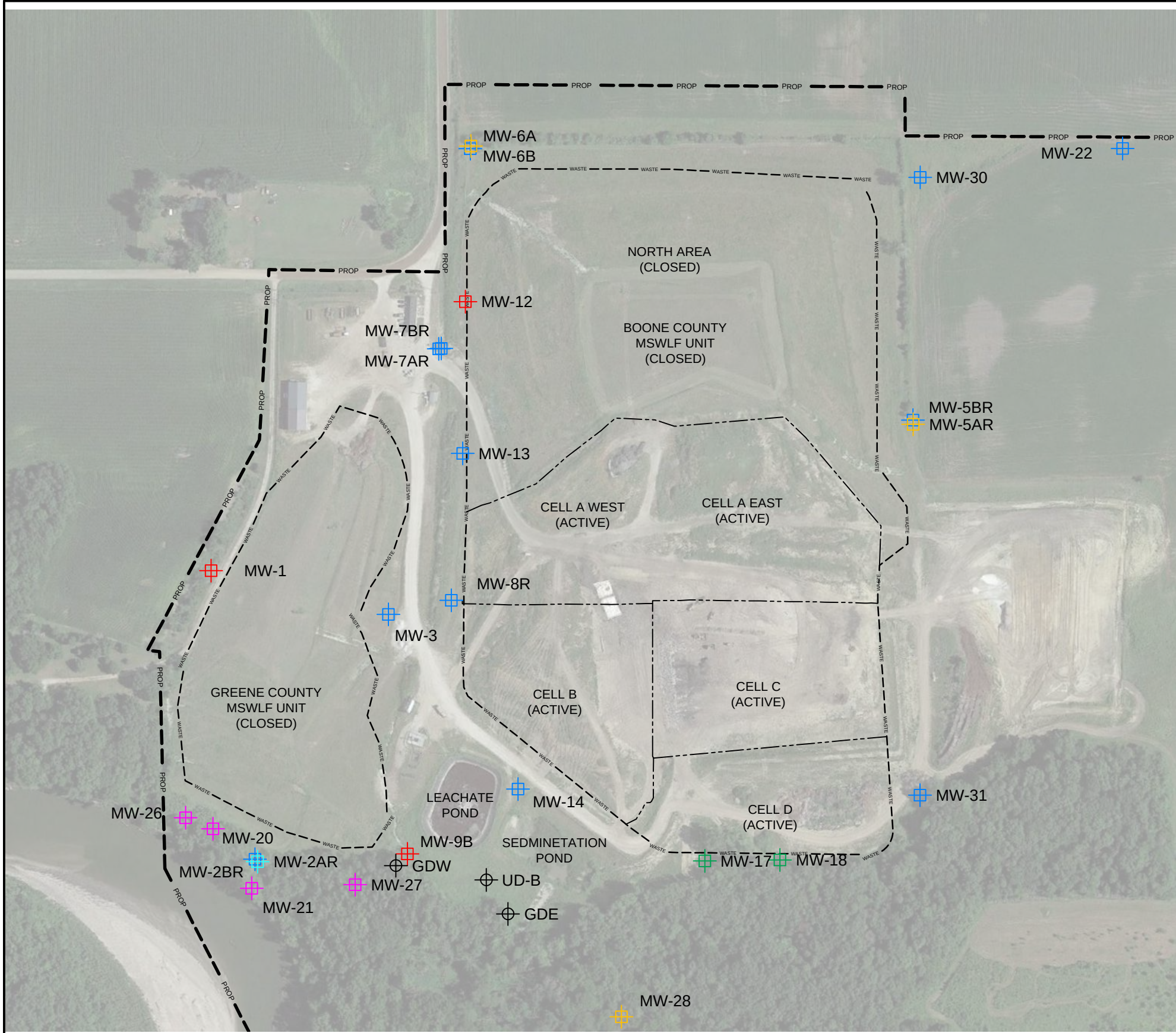
SSIs and SSLs identified during the spring 2025 semiannual compliance sampling event have previously been detected. There are no recommended changes to the monitoring program for the site's monitoring well network. The CAP/CAMP has been implemented at the site with the installation and startup of the toe drain. The CAP/CAMP monitoring procedures will be conducted to evaluate the remedial measures implemented for the arsenic exceedance of the GWPS at monitoring well MW-2AR.



Figures



This page intentionally left blank.



MWA MPW MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-1	ASSESSMENT
MW-2AR	CORRECTIVE ACTION
MW-5AR	BACKGROUND / UPGRADIENT
MW-6A	BACKGROUND / UPGRADIENT
MW-9B	ASSESSMENT
MW-12	ASSESSMENT
MW-17	DETECTION
MW-18	DETECTION
MW-20	DELINEATION
MW-21	DELINEATION
MW-26	DELINEATION
MW-27	DELINEATION
MW-28	BACKGROUND / UPGRADIENT

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- ASSESSMENT MONITORING WELL
- BACKGROUND MONITORING WELL
- DETECTION MONITORING WELL
- CORRECTIVE ACTION WELL
- WELL - WATER LEVEL ONLY
- GROUNDWATER UNDERDRAIN
- DELINEATION MONITORING WELL

NOTES:

- THE COORDINATE SYSTEM USED FOR THIS MAP IS THE NAD IOWA STATE PLANE SOUTH ZONE (1042).
- MONITORING NETWORK AS OF CURRENT SAMPLING EVENT.
- MONITORING WELLS MW-17 AND MW-18 WERE ADDED OCTOBER 6, 2023.

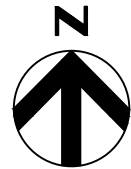
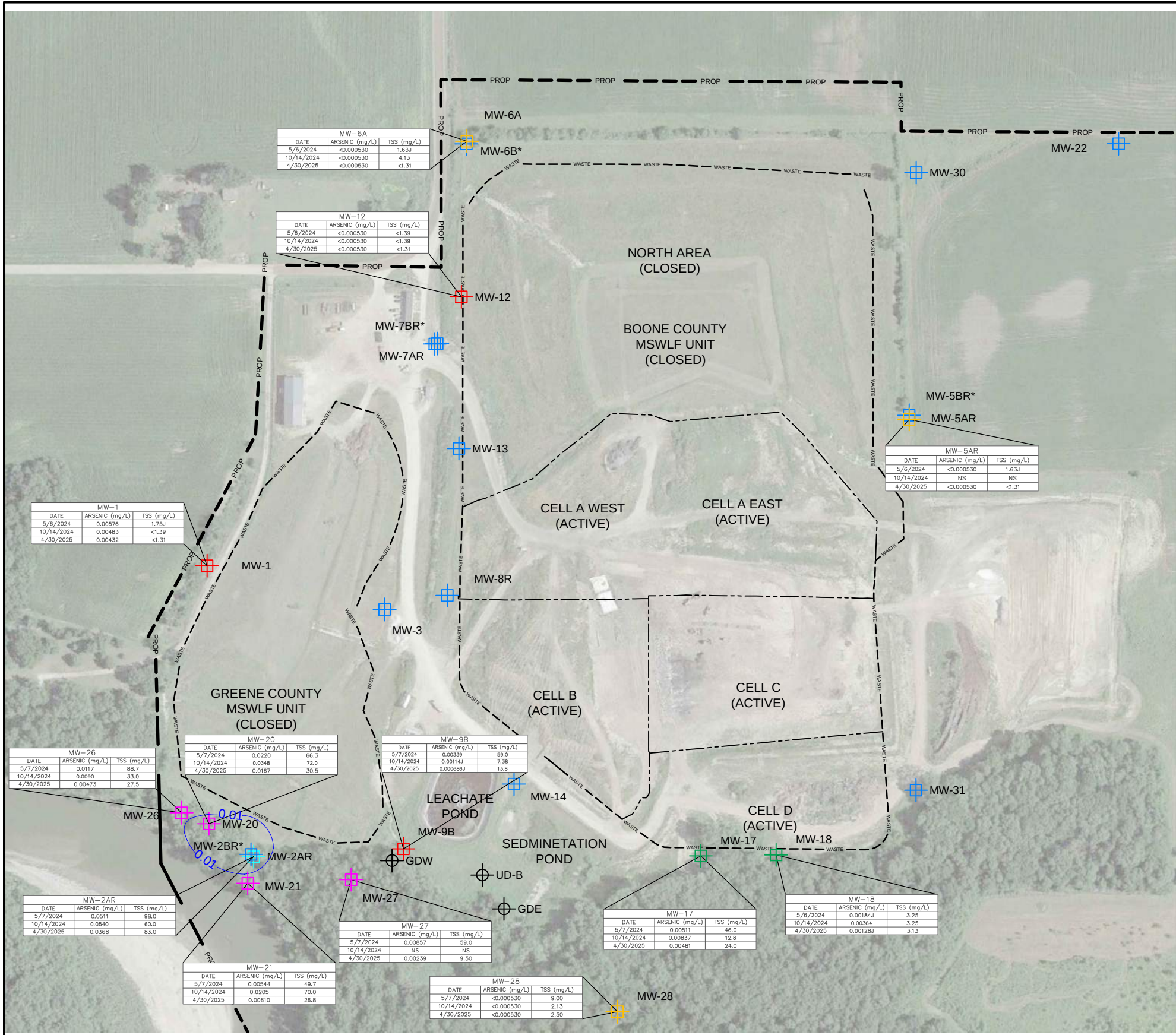


METRO WASTE AUTHORITY
METRO PARK WEST
GREENE & BOONE COUNTY MSWLF UNITS

SITE FEATURES

This page intentionally left blank.

This page intentionally left blank.



MWA MPW MSWLF UNIT WELL NETWORK	
WELL ID	CURRENT MONITORING PROGRAM
MW-1	ASSESSMENT
MW-2AR	CORRECTIVE ACTION
MW-5AR	BACKGROUND / UPGRADIENT
MW-6A	BACKGROUND / UPGRADIENT
MW-9B	ASSESSMENT
MW-12	ASSESSMENT
MW-17	DETECTION
MW-18	DETECTION
MW-20	DELINEATION
MW-21	DELINEATION
MW-26	DELINEATION
MW-27	DELINEATION
MW-28	BACKGROUND / UPGRADIENT

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- PROPERTY LINE
- ARSENIC ISO-CONCENTRATION CONTOUR (mg/L)
- NS = NOT SAMPLED
- ASSESSMENT MONITORING WELL
- BACKGROUND MONITORING WELL
- DETECTION MONITORING WELL
- CORRECTIVE ACTION WELL
- WELL - WATER LEVEL ONLY
- GROUNDWATER UNDERDRAIN
- DELINEATION MONITORING WELL

- NOTES:
- THE COORDINATE SYSTEM USED FOR THIS MAP IS THE NAD IOWA STATE PLANE SOUTH ZONE (1042).
 - CONCENTRATIONS WITH A "J" ARE LESS THAN THE LABORATORY REPORTING LIMIT BUT GREATER THAN THE METHOD DETECTION LIMIT AND ARE CONSIDERED NOT SIGNIFICANT.
 - ARSENIC ISO-CONCENTRATION CONTOUR INTERPOLATES GROUNDWATER CONCENTRATIONS MEASURED IN THE APRIL 2025 MONITORING EVENT.



METRO WASTE AUTHORITY
METRO PARK WEST
GREENE & BOONE COUNTY MSWLF UNITS

ARSENIC & TSS CONCENTRATIONS

This page intentionally left blank.



Tables



This page intentionally left blank.

Table 1
Monitoring Program Summary
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Monitoring Well ⁽¹⁾	Formation	Current Monitoring Program	Change for next sampling event	Constituents with Statistically Significant Increase	Statistically Significant Levels	Total # of Samples In Each Monitoring Program Since January 1, 2018			
						Detection	Assessment	Pre-Corrective Action	Corrective Action
MW-1	Glacial Till	Assessment	No change	None	None	1	14	0	0
MW-2AR	Alluvium	Corrective Action	No change	Barium, Cobalt, Nickel, and Chlorobenzene	Arsenic	0	0	11	4
MW-5AR	Glacial Till ⁽²⁾	Background	No change	None	None	14	0	0	0
MW-6A	Glacial Till	Background	No change	None	None	15	0	0	0
MW-9B	Glacial Till/Sand	Assessment	No change	Cobalt and Nickel	None	2	13	0	0
MW-12	Glacial Till	Assessment	No change	None	None	2	13	0	0
MW-16 ³	Glacial Till			Abandonment Date 12/20/2022		10	0	0	0
MW-17 ³	Glacial Till	Detection	No change	Insufficient Data to Analyze	Not Applicable	7	0	0	0
MW-18 ³	Glacial Till	Detection	No change	Insufficient Data to Analyze	Not Applicable	7	0	0	0
MW-26	Alluvium	Water Level Only	No change	Not Applicable	Not Applicable	10	0	0	0
MW-28	Alluvium	Background	No change	None	None	15	0	0	0

Comments:

⁽¹⁾ The monitoring network was modified in October 2022. In previous years, there were two separate groundwater monitoring networks: the active Boone County MSWLF unit and the closed Greene County MSWLF unit. The two networks had separate upgradient (background) wells and background levels and were statistically analyzed separately. In October 2022, the Iowa Department of Natural Resources (IDNR) approved a proposal to set up a single set of monitoring wells for both MSWLF units. the new network eliminated wells placed between the MSWLF units, which are not necessarily representative of groundwater leaving the site. Monitoring points MW-3, MW-8R, MW-13, and MW-14 were removed from the network and are instead used as water level only wells for groundwater contours. Groundwater underdrains GDE and GDW have been sealed and UDB discharge is treated as leachate. MW-5AR and MW-6A are used as background wells for glacial till wells, while MW-28 is used as the background well for alluvium wells.

⁽²⁾ The boring log is not available. Based on documents reviewed in the Hydrologic Monitoring System Plan included in the MPW July 2015 Permit Renewal Application, this well is assumed to be screened in glacial till.

⁽³⁾ Monitoring well location (MW-16) was abandoned on 12/20/2022 in preparation for the construction of Cell D. Following construction completion of Cell D, monitoring wells MW-17 and MW-18 were constructed on October 6, 2023.

This page intentionally left blank.

Table 2
Background and GWPS Summary
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Interwell Background/GWPS (MW-5AR and MW-6A)

Constituent	Units	Samples	Detections	Min	Max	Mean	Background Level	Type of Statistical Prediction Limit	GWPS	Source
Inorganics										
Antimony	mg/L	54	0	0.001	0.001	0.001	0.001	Non-Parametric	0.006	MCL
Arsenic ⁽¹⁾	mg/L	54	8	0.00051	0.0441	0.001354	0.0441	Non-Parametric	0.01/0.0441 ⁽¹⁾	SS
Barium	mg/L	54	54	0.03	0.401	0.1768	0.401	Non-Parametric	2	MCL
Beryllium	mg/L	54	0	0.00033	0.00033	0.00033	0.00033	Non-Parametric	0.004	MCL
Cadmium	mg/L	54	12	0.000036	0.000369	0.0001053	0.000369	Non-Parametric	0.005	MCL
Chromium	mg/L	53	6	0.000497	0.00434	0.001201	0.00434	Non-Parametric	0.1	MCL
Cobalt	mg/L	53	15	0.000029	0.00135	0.000238	0.00135	Non-Parametric	0.00558	SS
Copper	mg/L	54	15	0.00145	0.0318	0.0039	0.0318	Non-Parametric	1.3	MCL
Lead	mg/L	54	10	0.000198	0.00409	0.000416	0.00409	Non-Parametric	0.015	MCL
Nickel	mg/L	40	16	0.000944	0.0121	0.003342	0.0121	Non-Parametric	0.1	IA SWS
Selenium	mg/L	54	15	0.000872	0.00356	0.001594	0.00356	Non-Parametric	0.05	MCL
Silver	mg/L	54	1	0.000107	0.0005	0.0004742	0.0005	Non-Parametric	0.1	IA SWS
Thallium	mg/L	54	0	0.00057	0.00057	0.00057	0.00057	Non-Parametric	0.002	MCL
Vanadium	mg/L	54	10	0.000587	0.00579	0.001155	0.00579	Non-Parametric	0.035	MCL
Zinc	mg/L	54	15	0.00588	0.0638	0.01469	0.0638	Non-Parametric	2	IA SWS

Comments:

mg/L = milligrams per liter

RL = reporting limit

⁽¹⁾ For constituents where the background level is higher than the MCL, the GWPS is the background level.

* MW-5AR and MW-6A are used as the background wells for wells in the monitoring networks that are screened in glacial till.

* The mean, minimum, and maximum listed in this table may include J-flagged values or historical high reporting limits, and therefore the maximum value may be higher than the background value listed. Non-parametric background values are based on the highest background value or the most recent reporting limit.

* In some cases, the mean is calculated using J-flagged values.

* GWPS Source Acronyms: MCL - EPA Maximum Contaminant Level; IA SWS - Iowa Statewide Standard; SS - Site Specific

Table 2
Background and GWPS Summary
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Interwell Background/GWPS (MW-28)

Constituent	Units	Samples	Detections	Min	Max	Mean	Background Level	Type of Statistical	GWPS	Source
Organics										
1,4-Dichlorobenzene	µg/L	9	0	1	1	1	1 (RL)	Non-Parametric	75	MCL
Benzene	µg/L	9	0	0.500	0.500	0.500	0.500 (RL)	Non-Parametric	5	MCL
Chlorobenzene	µg/L	9	0	1	1	1	1 (RL)	Non-Parametric	100	MCL
Inorganics										
Antimony	mg/L	19	1	0.000278	0.001	0.0009094	0.001	Non-Parametric	0.006	MCL
Arsenic	mg/L	19	5	0.00053	0.000833	0.0005630	0.000833	Non-Parametric	0.01	MCL
Barium	mg/L	18	18	0.0368	0.0954	0.05787	0.09541	Parametric	2	MCL
Beryllium	mg/L	19	0	0.00033	0.00033	0.00033	0.00033	Non-Parametric	0.004	MCL
Cadmium	mg/L	19	15	0.000062	0.00027	0.0001663	0.0003232	Parametric	0.005	MCL
Chromium	mg/L	19	3	0.00118	0.00178	0.001187	0.00178	Non-Parametric	0.1	MCL
Cobalt	mg/L	18	7	0.000085	0.000555	0.0002265	0.000555	Non-Parametric	0.00558	SS
Copper	mg/L	19	3	0.00121	0.00222	0.001683	0.00222	Non-Parametric	1.3	MCL
Lead	mg/L	17	4	0.00026	0.000765	0.0003086	0.000765	Non-Parametric	0.015	MCL
Nickel	mg/L	19	16	0.00105	0.011	0.006552	0.01323	Parametric	0.1	IA SWS
Selenium	mg/L	19	11	0.00105	0.00431	0.00192	0.00431	Non-Parametric	0.05	MCL
Silver	mg/L	19	3	0.000175	0.000925	0.0004776	0.000925	Non-Parametric	0.1	IA SWS
Thallium	mg/L	19	1	0.0005	0.00057	0.0005363	0.00057	Non-Parametric	0.002	MCL
Vanadium	mg/L	19	4	0.000869	0.0019	0.001096	0.0019	Non-Parametric	0.035	MCL
Zinc	mg/L	19	1	0.00756	0.0097	0.009077	0.0097	Non-Parametric	2	IA SWS

Comments:

mg/L = milligrams per liter

µg/L = micrograms per liter

RL = reporting limit

* MW-28 is used as the background well for wells in the monitoring networks that are screened in alluvium.

* The mean, minimum, and maximum listed in this table may include J-flagged values or historical high reporting limits, and therefore the maximum value may be higher than the background value listed. Non-parametric background values are based on the highest background value or the most recent reporting limit.

* In some cases, the mean is calculated using J-flagged values.

* GWPS Source Acronyms: MCL - EPA Maximum Contaminant Level; IA SWS - Iowa Statewide Standard; SS - Site Specific

This page intentionally left blank.

Table 3
Summary of Well/Detected Constituent Pairs With No Previous SSIs
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Constituent	Units	Most recent result	Background Standard
MW-17	Arsenic	mg/L	0.00481	NE
	Barium	mg/L	0.250	NE
	Cadmium	mg/L	0.000113J	NE
	Cobalt	mg/L	0.00463	NE
	Copper	mg/L	0.00557	NE
	Lead	mg/L	0.000892	NE
	Nickel	mg/L	0.0132	NE
	Zinc	mg/L	0.0132J	NE
	TSS	mg/L	24.0	NE
MW-18	Arsenic	mg/L	0.00128J	NE
	Barium	mg/L	0.0713	NE
	Cobalt	mg/L	0.00117	NE
	Nickel	mg/L	0.00417J	NE
	Silver	mg/L	0.000738J	NE
	TSS	mg/L	3.13	NE

Comments:

NE = Not Established

mg/L = milligrams per liter

TSS = Total Suspended Solids

*This table includes a summary of detected constituents during the 2025 spring sampling event conducted in April 2025 under the detection monitoring program.

*Constituents that exceeded the respective background level are in bold.

* "J" qualifier indicates the result is less than the reporting limit but greater than or equal to the method detection limit; the concentration is considered an approximate value.

*Monitoring wells MW-17 and MW-18 were constructed on October 6, 2023. Quarterly background monitoring is being conducted at these monitoring wells to establish each wells background database. Background standards for these monitoring wells will be evaluated once the eight (8) quarterly background events have been completed.

This page intentionally left blank.

Table 4
Summary of Ongoing and Newly Identified SSIs
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Constituent	Units	Most recent result ⁶	Background Standard	Lower Confidence Limit	GWPS	Sample Dates		
							Initial Exceedance ¹	Resample(s) ²	5th Background Sample ³
MW-1	Arsenic	mg/L	0.00432	0.0441	N/A - No SSI	0.01/0.0441 ⁽⁵⁾	11/13/2020	N/A	3/7/2012
	Barium	mg/L	0.110	0.401	N/A - No SSI	2	N/A	N/A	3/7/2012
	Cobalt	mg/L	0.000577	0.00135	N/A - No SSI	0.00558 ⁽⁵⁾	11/18/2021	N/A	3/7/2012
	Nickel	mg/L	0.00308J	0.0121	N/A - No SSI	0.1	N/A	N/A	3/7/2012
	TSS ⁽⁴⁾	mg/L	<1.31	N/A	N/A	N/A	N/A	N/A	3/7/2012
MW-2AR	1,4-Dichlorobenzene	µg/L	0.608J	1 (RL)	N/A - No SSI	75	11/15/2022	N/A	3/7/2012
	Acetone	µg/L	7.21J	10 (RL)	N/A - No SSI	6300	N/A	N/A	3/7/2012
	Benzene	µg/L	0.237J	0.5 (RL)	N/A - No SSI	5	N/A	N/A	3/7/2012
	Chlorobenzene	µg/L	<u>1.35</u>	1 (RL)	1.212	100	11/30/2021	N/A	3/7/2012
	Chloroethane	µg/L	2.07J	4 (RL)	N/A - No SSI	2800	N/A	N/A	3/7/2012
	Arsenic	mg/L	<u>0.0368</u>	0.000833	0.04509	0.01	9/28/2010	N/A	3/7/2012
	Barium	mg/L	<u>0.762</u>	0.09541	0.4686	2	11/30/2021	N/A	3/7/2012
	Cobalt	mg/L	<u>0.00213</u>	0.000555	0.00148	0.00558 ⁽⁵⁾	11/30/2021	N/A	3/7/2012
	Nickel	mg/L	<u>0.0177</u>	0.01323	0.0133	0.1	11/30/2021	N/A	3/7/2012
	Vanadium	mg/L	0.00209J	0.0019	N/A - No SSI	0.035	N/A	N/A	3/7/2012
	TSS ⁽⁴⁾	mg/L	83.0	N/A	N/A	N/A	N/A	N/A	3/7/2012
MW-9B	Arsenic	mg/L	0.000686J	0.0441	N/A - No SSI	0.01/0.0441 ⁽⁵⁾	N/A	N/A	9/21/2016
	Barium	mg/L	0.0327	0.401	N/A - No SSI	2	N/A	N/A	9/21/2016
	Cobalt	mg/L	<u>0.0104</u>	0.00135	0.00228	0.00558 ⁽⁵⁾	9/12/2017	N/A	9/21/2016
	Nickel	mg/L	<u>0.0166</u>	0.0121	0.003921	0.1	11/30/2021	N/A	9/21/2016
	TSS ⁽⁴⁾	mg/L	13.8	N/A	N/A	N/A	N/A	N/A	9/21/2016
MW-12	Barium	mg/L	0.0811	0.401	N/A - No SSI	2	3/30/2015	7/31/2015 & 8/31/2015	6/22/2011
	Cadmium	mg/L	0.000100J	0.000369	N/A - No SSI	0.005	N/A	N/A	6/22/2011
	Cobalt	mg/L	0.000233J	0.00135	N/A - No SSI	0.00558 ⁽⁵⁾	N/A	N/A	6/22/2011
	Nickel	mg/L	0.00957	0.0121	N/A - No SSI	0.1	11/18/2021	N/A	6/22/2011
	TSS ⁽⁴⁾	mg/L	<1.31	N/A	N/A	N/A	N/A	N/A	6/22/2011

Comments:

N/A = Not Applicable

⁽¹⁾ The initial exceedance indicates the first time that a statistically significant increase (SSI) is detected for a constituent based on the background standard at the time of sampling. In previous analyses, some of the constituents listed used historically higher reporting limits (RLs) for non-detected values as the background level. Over time, laboratory reporting procedures have improved and RLs have decreased. In fall 2021, the background levels were updated to reflect this change in the laboratory RLs. Previous detections at these wells may exceed the current background level but did not exceed the background standard at the time that the sample was collected and are therefore not listed as 'initial exceedances.'

⁽²⁾ When new SSIs are detected at wells that are already in the assessment or pre-corrective action monitoring program, resampling is not conducted but instead will be reevaluated at the next semiannual sampling event.

⁽³⁾ The fifth background sample is the fifth sample for the well-constituent pair after low-flow sampling was initiated in 2010.

⁽⁴⁾ Total suspended solids (TSS) for each monitoring point was included in this table for added information.

⁽⁵⁾ The groundwater protection standard (GWPS) for arsenic and cobalt at the site are set at the background limit since background is higher than the Iowa Statewide Standard.

⁽⁶⁾ Concentrations that are **bolded and underlined** indicate a current result is above background and was analyzed using confidence intervals.

This page intentionally left blank.

Table 5
Summary of Ongoing and Newly Identified SSLs
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Constituent	Units	Most recent result	Upper Confidence Limit	GWPS	Initial Exceedance	Consecutive Compliance Dates		
							1st Occurrence	Most Recent	Duration
MW-2AR	Arsenic	mg/L	0.0368	0.06914	0.01	9/28/2010	N/A	N/A	N/A

This page intentionally left blank.

Table 6
Historic SSIs and SSLs
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Key: gray = SSI; black = SSL		F	S	F	S	F	S	F	S	F	S	F	S	F	S
		a	p	a	p	a	p	a	p	a	p	a	p	a	p
		l	r	l	r	l	r	l	r	l	r	l	r	l	r
		l	g	l	g	l	g	l	g	l	g	l	g	l	g
Well	Constituent	2018	2019	2019	2020	2020	2021	2021	2022	2022	2023	2023	2024	2024	2025
MW-1	Arsenic														
	Cobalt														
MW-2AR	1,4-Dichlorobenzene														
	Chlorobenzene														
	Arsenic														
	Barium														
	Cobalt														
	Nickel													2	
	Silver										2	3			
MW-9B	Cadmium														
	Cobalt														
	Lead														
	Nickel													2	
MW-12	Barium														
	Cobalt														
	Nickel														2

Comments:

Several new statistically significant increases (SSIs) were identified during the fall 2021 sampling event due to changes to background values. In previous years, upper prediction limits (UPLs) used to identify SSIs were calculated using reporting limits (RL) from historically higher laboratory non-detects. However, laboratory analytical procedures have improved, resulting in lower RLs. UPLs have been updated to reflect that change and consist of either a detected value

Notes:

- 1 Result is above background. The constituent is not an active SSI. This SSI will be verified during the next sampling event.
- 2 Result is below background. If confirmed by next sample, SSI will be terminated.
- 3 Confirmed no SSI.

This page intentionally left blank.

Table 7
Corrective Action Trend Analysis
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Monitoring Well	Current SSL	N	Trend	Trend Analysis Sample Size	Projected Year to Completion ^[1]	Comments
MW-2AR	Arsenic	4	Statistically Significant Decreasing Trend	10	2039	The most recent ten concentrations exhibit a decreasing trend with a slope of -0.005639 mg/L/year. The trend is statistically significant at 98% confidence interval. Each of the ten most recent concentrations exceed the MCL (0.01 mg/L).

Comments:

*Trend is statistically significant at the 98% confidence limit. The increasing or decreasing trend designation was based off the slope value, where, for example, a positive slope is designated as increasing.

*Trends listed are updated with the results from the first semiannual 2025 statistical evaluation.

^[1] Projected year of completion is calculated based on the number of years to reduce the calculated upper confidence level concentration to below the groundwater protection standard (0.01 milligrams per liter [mg/L]) utilizing the April 2025 statistically significant decreasing trend slope and adding three (3) years as required by the corrective action monitoring mode noted in the Corrective Action / Monitoring Plan dated February 2, 2023.

Notes:

N - Number of samples collected since initiation of Corrective Action Monitoring.

This page intentionally left blank.

Table 8
Arsenic and Geochemical Performance Parameters Summary - CAMP
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Monitoring Location	Sample Date	Arsenic (mg/L)	Dissolved Oxygen (mg/L)	Iron, Total (mg/L)	Manganese, Total (mg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)	Oxidation-Reduction Potential (mV)	pH (S.U.)	Conductivity (µS/cm)	Temperature (°C)
MW-2AR	10/12/2023	0.0669	0.15	39.3	2.02	221	19.7	-175.9	6.73	2161	12.9
	5/7/2024	0.0511	0.04	52.2	3.18	204	14.2	-157.6	6.62	2342	11.0
	10/14/2024	0.0540	0.06	34.1	2.56	128	12.6	-128.9	6.69	1742	13.6
	4/30/2025	0.0368	0.13	31.7	3.07	138	15.6	-115.4	6.77	2469	11.2
MW-5AR	10/12/2023	0.000568 J	0.47	0.437	0.289	182	1.34	-254.8	7.07	1019	15.4
	5/6/2024	<0.000530	7.06	0.0438J	<0.00360	104	1.72	100.8	7.13	858	12.1
	10/14/2024	No Sample: Insufficient Water Volume in Well for Sample Collection.									
	4/30/2025	<0.000530	7.66	<0.0500	<0.00360	197	1.51	92.9	7.19	1024	9.8
MW-6A	10/12/2023	<0.000530	1.47	0.0400 J	0.00716 J	24.6	0.723 J	106.5	6.98	767	13.9
	5/6/2024	<0.000530	3.42	<0.0360	0.0353	17.7	1.20	181.2	6.95	840	11.6
	10/14/2024	<0.000530	1.39	0.0871 J	0.0124	29.3	1.07	137	7.03	797	14.6
	4/30/2025	<0.000530	2.61	<0.0500	0.00844 J	23.2	3.22	80.9	7.08	818	10.0
MW-20	10/13/2023	0.0476	0.05	47.0	5.72	287	6.44	-137.9	6.74	1566	15.3
	5/7/2024	0.0220	1.67	10.6	0.635	389	6.15	0.00	6.62	1465	15.6
	10/14/2024	0.0348	0.12	30.4	3.06	141	10.2	-123.6	6.63	1536	13.5
	4/30/2025	0.0167	0.00	14.6	1.85	450	7.03	-21.3	6.62	1895	11.5
MW-21	10/13/2023	0.00970	0.11	20.3	4.18	183	15.2	-63.3	6.67	1780	15.0
	5/7/2024	0.00544	0.09	8.83	2.92	318	11.1	-2.3	6.58	2120	14.7
	10/14/2024	0.02050	0.1	30	3.92	119	13.7	-124.8	6.67	1875	13.3
	4/30/2025	0.00610	0.02	11.3	3.60	264	11.1	-57.3	6.67	1969	12.0
MW-26	10/13/2023	0.0196	0.09	27.3	3.79	172	3.46	-101.6	6.89	1096	13.3
	5/7/2024	0.0117	0.00	18.7	4.10	219	3.64	-105.9	6.75	1213	12.4
	10/14/2024	0.00900	0.16	24.9	5.15	272	5.03	-71.3	6.52	1213	13.0
	4/30/2025	0.00473	0.10	17.8	4.37	270	4.84	-54.4	6.63	1385	11.1
MW-27	10/13/2023	No Sample: Insufficient Water Volume in Well for Sample Collection.									
	5/7/2024	0.00857	0.05	9.39	2.88	159	16.6	0.00	6.53	1675	10.3
	10/14/2024	No Sample: Insufficient Water Volume in Well for Sample Collection.									
	4/30/2025	0.00239	0.09	3.84	3.20	77.5	8.34	-52.7	6.52	1163	10.5
MW-28	10/12/2023	<0.000530	0.31	<0.0360	<0.00360	709	1.93	-21.5	6.73	1838	16.1
	5/7/2024	<0.000530	5.17	<0.0360	<0.00360	231	3.77	108.0	6.90	996	11.5
	10/14/2024	<0.000530	0.74	<0.0360	<0.00360	783	2.1	191.9	6.73	1576	13.1
	4/30/2025	<0.000530	4.52	<0.0500	<0.00360	274	3.61	108.7	6.91	1092	9.5
LS-5 Lift Station	10/13/2023	0.00576	NM	2.61	3.05	177	15.6	NM	NM	NM	NM

Comments:

* "J" qualifier indicates the result is less than the reporting limit but greater than or equal to the method detection limit; the concentration is considered an approximate value.

Notes:

mg/L = milligrams per liter

mV = millivolts

S.U. = Standard Units

µS/cm = microsiemens per centimeter

°C = Degrees Celsius

NM = Not Measured

This page intentionally left blank.



Appendix A

Groundwater Sampling Field
Sheets



This page intentionally left blank.

MPW

Sampler:

Equipment:

Solinst Water Level

Well	Date	Time	Water Level below TOC	Bottom of Casing	Notes
MW-1	4-30-2025	11:00 11:45	9.22	NM	
MW-2AR	4-30-2025	11:13	11.63	NM	
MW-2BR	4-30-2025	11:09	9.67	NM	Needs new lock
MW-3	4-30-2025	10:42	9.22	NM	
MW-5AR	4-30-2025	14:10	5.44	NM	
MW-5BR	4-30-2025	14:42	5.10	NM	
MW-6A	4-30-2025	14:55	9.05	NM	
MW-6B	4-30-2025	15:45	8.98	NM	
MW-7AR	4-30-2025	10:47	9.21	NM	
MW-7BR	4-30-2025	10:50	8.61	NM	
MW-8R	4-30-2025	14:57	3.38	NM	
MW-9B	4-30-2025	12:51	15.57	NM	
MW-12	4-30-2025	11:00	9.22	NM	
MW-13	4-30-2025	10:47	9.23	NM	
MW-14	4-30-2025	12:35	11.30	NM	
MW-17	4-30-2025	12:45	9.34	NM	
MW-18	4-30-2025	13:25	16.81	NM	
MW-20	4-30-2025	9:30	12.88	26.35	
MW-21	4-30-2025	10:19	10.88	27.15	
MW-22	4-30-2025	15:25	6.26	NM	
MW-26	4-30-2025	8:35	13.65	32.89	
MW-27	4-30-2025	12:01	13.09	22.53	
MW-28	4-30-2025	13:46	7.87	NM	
MW-30	4-30-2025	15:18	4.38	NM	
MW-31	4-30-2025	14:00	8.54	NM	

check →

check →

Low Stress Groundwater Sampling Data Sheet

	Facility Name: <u>Metro Park West</u>	Sampler Name(s): <u>B. Bunker</u>
	MW Identification: <u>MW-1</u>	Date/Time: <u>4/30/25 1140</u>
	Sample Number: <u>2</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>63°F cloudy</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <u>(No)</u>	5. Standing/Ponded Water (Yes/No)	Yes / <u>(No)</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>(No)</u>	6. Frost Heaving (Yes/No)	Yes / <u>(No)</u>
3. Casing Degradation: (Yes/No)	Yes / <u>(No)</u>	7. Lock in Place (Yes/No)	<u>(Yes)</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>(No)</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>41.68</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>-</u>	7. Water Level Measuring Equip.	<u>Solinst</u>
3. Casing Diameter (inches)	<u>2"</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)	<u>5700</u>	9. Dedicated? (Yes/No)	<u>(Yes)</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>(No)</u>
Odor <u>none</u>	Turbidity <u>low</u>	11. Thickness of immiscible layer	<u>-</u>
Color <u>clear</u>		12. Drive Gas (Air/Nitrogen)	<u>(AIR) NITROGEN / N/A</u>

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
<u>1150</u>	<u>-</u>	<u>14.4</u>	<u>789</u>	<u>92.3</u>	<u>7.81</u>	<u>2.28</u>	<u>7.39</u>	<u>42.50</u>
<u>1153</u>	<u>900</u>	<u>12.8</u>	<u>906</u>	<u>114.7</u>	<u>1.45</u>	<u>4.07</u>	<u>7.01</u>	<u>43.41</u>
<u>1156</u>	<u>1800</u>	<u>13.9</u>	<u>886</u>	<u>115.2</u>	<u>0.78</u>	<u>2.95</u>	<u>6.99</u>	<u>43.90</u>
<u>1159</u>	<u>2700</u>	<u>14.0</u>	<u>869</u>	<u>113.6</u>	<u>0.45</u>	<u>1.81</u>	<u>6.98</u>	<u>44.81</u>
<u>1202</u>	<u>3600</u>	<u>14.5</u>	<u>859</u>	<u>105.0</u>	<u>0.47</u>	<u>1.85</u>	<u>6.97</u>	<u>46.47</u>
<u>1205</u>	<u>4500</u>	<u>14.6</u>	<u>858</u>	<u>103.0</u>	<u>0.54</u>	<u>1.99</u>	<u>6.97</u>	<u>47.13</u>
<u>1214</u>	<u>5400</u>	<u>14.6</u>	<u>856</u>	<u>101.0</u>	<u>0.79</u>	<u>2.11</u>	<u>6.98</u>	<u>47.77</u>

Well evacuated to dryness?	Yes / <u>(No)</u>	Time to recharge (min):	<u>-</u>	9. Decontamination Procedures:	
1. Sample Filtered?	Yes / <u>(No)</u>	6. Sample Time:	<u>1215</u>	<u>Alconox/DI Rinse</u>	
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	10. Instrument type: <u>YSI ProDSS</u>	
3. Drive Gas (Air/Nitrogen)	<u>(AIR) NITROGEN / N/A</u>			Calibration Date: <u>LAB</u>	
4. Sample Rate (mL/min)	<u>300</u>			Calibration Time: <u>LAB</u>	
5. Sample Appearance:				<u>Std.</u> <u>Reading</u> <u>Adjust.</u>	
Turbidity	<u>low</u>	8. Other Information:		pH	
Color	<u>clear</u>			Conduct.	
Odor	<u>none</u>			ORP	
				D.O.	
				Turbidity	

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

	Facility Name: <u>MPW</u>	Sampler Name(s): <u>RDW</u>
	MW Identification: <u>MW-2AR</u>	Date/Time: <u>4-30-2025 / 11:13</u>
	Sample Number:	PID Readings: <u>N/A</u>
	Weather Conditions: <u>Partly Cloudy upper 40s</u>	
	Wellhead Inspection: <u>Good</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	<u>Yes</u> / No	5. Standing/Ponded Water (Yes/No)	Yes / <u>No</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>No</u>	6. Frost Heaving (Yes/No)	Yes / <u>No</u>
3. Casing Degradation: (Yes/No)	Yes / <u>No</u>	7. Lock in Place (Yes/No)	<u>Yes</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>No</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>11.63</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>N/A</u>	7. Water Level Measuring Equip.	<u>Geotech</u>
3. Casing Diameter (inches)	<u>2</u>	8. Purge Equipment Used	<u>Peri Pump Bladder</u>
4. Actual Volume of Water Purged (mL)	<u>5700</u>	9. Dedicated? (Yes/No)	<u>Yes</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>No</u>
Odor <u>Rotten Eggs</u>	Turbidity <u>Slightly</u>	11. Thickness of immiscible layer	
Color <u>light br</u>	<u>Arbide</u>	12. Drive Gas (Air/Nitrogen)	<u>AIR</u> NITROGEN / N/A

Pump Start: 11:15

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
11:20	1500	11.2	2461	-96.0	0.42	18.45	6.77	11.65
11:23	2400	11.2	2468	-108.3	0.16	10.05	6.77	11.65
11:26	3300	11.2	2468	-113.9	0.14	9.83	6.77	11.65
11:29	4200	11.2	2469	-115.4	0.13	10.31	6.77	11.65

Well evacuated to dryness?	Yes / <u>No</u>	Time to recharge (min):		9. Decontamination Procedures:
1. Sample Filtered?	Yes / <u>No</u>	6. Sample Time:	<u>11:32</u>	<u>Alconox/DI Rinse</u>
2. Sampling Equip. Used	<u>Bladder</u>	7. Parameter/Container/Pres.		10. Instrument type: <u>YSI ProDSS</u>
3. Drive Gas (Air/Nitrogen)	<u>AIR</u> NITROGEN / N/A		<u>See Attached COC</u>	Calibration Date: <u>LAB</u>
4. Sample Rate (mL/min)	<u>300</u>			Calibration Time: <u>LAB</u>
5. Sample Appearance:				Std. Reading Adjust.
Turbidity	<u>Clear</u>	8. Other Information:		
Color	<u>None</u>			
Odor	<u>Rotten Eggs</u>			

pH
Conduct.
ORP
D.O
Turbidity

See attached Lab Form for Calibration Data

Dup-1: 7:45

Low Stress Groundwater Sampling Data Sheet

	Facility Name: <u>Metro Park West</u>	Sampler Name(s): <u>B. Bunker</u>
	MW Identification: <u>NW-SAR</u>	Date/Time: <u>4/30/25 1408</u>
	Sample Number: <u>5</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>63°F overcast</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <u>(No)</u>	5. Standing/Ponded Water (Yes/No)	Yes / <u>(No)</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>(No)</u>	6. Frost Heaving (Yes/No)	Yes / <u>(No)</u>
3. Casing Degradation: (Yes/No)	Yes / <u>(No)</u>	7. Lock in Place (Yes/No)	<u>(Yes)</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>(No)</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>5.44</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>—</u>	7. Water Level Measuring Equip.	<u>solinst</u>
3. Casing Diameter (inches)	<u>2"</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)		9. Dedicated? (Yes/No)	<u>(Yes)</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>(No)</u>
Odor <u>none</u>	Turbidity <u>low</u>	11. Thickness of immiscible layer	<u>—</u>
Color <u>clear</u>	<u>black particles present</u>	12. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
1414	—	11.4	1149	63.3	8.14	17.74	7.41	6.22
1417	900	10.0	1065	76.4	6.83	12.82	7.25	6.86
1420	1800	10.5	1066	81.3	6.88	8.94	7.22	7.32
1423	2700	9.9	1052	84.1	7.12	3.53	7.22	7.83
1426	3600	9.8	1040	87.5	7.57	3.67	7.19	8.03
1429	4500	9.9	1031	90.1	7.69	4.42	7.19	8.06
1432	5400	9.8	1024	92.9	7.66	9.59	7.19	8.19

Well evacuated to dryness?	Yes / No	Time to recharge (min):	<u>—</u>	9. Decontamination Procedures:	
1. Sample Filtered?	Yes / No	6. Sample Time:	<u>1435</u>	<u>Alconox/DI Rinse</u>	
2. Sampling Equip. Used		7: Parameter/Container/Pres.		10. Instrument type: <u>YSI ProDSS</u>	
3. Drive Gas (Air/Nitrogen)	<u>AIR / NITROGEN / N/A</u>	<u>See Attached COC</u>		Calibration Date:	<u>LAB</u>
4. Sample Rate (mL/min)				Calibration Time:	<u>LAB</u>
5. Sample Appearance:				<u>Std.</u>	<u>Reading</u> <u>Adjust.</u>
Turbidity		8. Other Information:		pH	
Color				Conduct.	
Odor				ORP	
				D.O	
				Turbidity	

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

	Facility Name: <u>Metro Park West</u>	Sampler Name(s): <u>B. Bunker</u>
	MW Identification: <u>MW-6A</u>	Date/Time: <u>4/30/25 1452</u>
	Sample Number: <u>6</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>63°F overcast</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <u>(No)</u>	5. Standing/Ponded Water (Yes/No)	Yes / <u>(No)</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>(No)</u>	6. Frost Heaving (Yes/No)	Yes / <u>(No)</u>
3. Casing Degradation: (Yes/No)	Yes / <u>(No)</u>	7. Lock in Place (Yes/No)	<u>(Yes)</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>(No)</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>9.05</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>—</u>	7. Water Level Measuring Equip.	<u>solinst</u>
3. Casing Diameter (inches)	<u>2"</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)	<u>—</u>	9. Dedicated? (Yes/No)	<u>(Yes)</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>(No)</u>
Odor <u>none</u>	Turbidity <u>low</u>	11. Thickness of immiscible layer	<u>—</u>
Color <u>clear</u>		12. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
1459	—	10.7	816	97.2	5.17	6.57	7.29	10.80
1502	900	9.5	816	101.3	2.75	4.55	7.13	11.52
1505	1800	10.3	817	96.8	2.82	5.01	7.09	12.79
1508	2700	9.8	815	92.3	2.40	6.44	7.08	13.20
1511	3600	9.8	817	88.2	2.48	9.25	7.08	13.35
1514	4500	10.0	817	83.8	2.63	2.78	7.08	13.66
1517	5400	10.0	818	80.9	2.61	3.52	7.08	13.63

Well evacuated to dryness?	Yes / <u>(No)</u>	Time to recharge (min):	<u>—</u>	9. Decontamination Procedures:		
1. Sample Filtered?	Yes / <u>(No)</u>	6. Sample Time:	<u>1520</u>	Alconox/DI Rinse		
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	10. Instrument type: <u>YSI ProDSS</u>		
3. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> / NITROGEN / N/A			Calibration Date:	<u>LAB</u>	
4. Sample Rate (mL/min)	<u>300</u>			Calibration Time:	<u>LAB</u>	
5. Sample Appearance:				Std.	Reading	Adjust.
Turbidity	<u>low</u>	8. Other Information:		pH		
Color	<u>clear</u>			Conduct.		
Odor	<u>none</u>			ORP		
				D.O.		
				Turbidity		

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet



Facility Name: MPW Sampler Name(s): RDW
 MW Identification: MW-9B Date/Time: 7-30-2018 / 12:51
 Sample Number: _____ PID Readings: N/A
 Weather Conditions: Partly Cloudy Low-60s
 Wellhead Inspection: _____

Visual Inspection:

1. Survey Mark Present: (Yes/No)	<u>(Yes)</u> / No	5. Standing/Ponded Water (Yes/No)	Yes / <u>(No)</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>(No)</u>	6. Frost Heaving (Yes/No)	Yes / <u>(No)</u>
3. Casing Degradation: (Yes/No)	Yes / <u>(No)</u>	7. Lock in Place (Yes/No)	<u>(Yes)</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>(No)</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>15.57</u>	6. Purge Rate (mL/min)	<u>250</u>
2. Bottom of casing (±0.01 ft.)	<u>NM</u>	7. Water Level Measuring Equip.	<u>Geotech</u>
3. Casing Diameter (inches)	<u>2</u>	8. Purge Equipment Used	<u>Bladder</u>
4. Actual Volume of Water Purged (mL)	<u>3750</u>	9. Dedicated? (Yes/No)	<u>(Yes)</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>(No)</u>
Odor <u>None</u>	Turbidity <u>Clear</u>	11. Thickness of immiscible layer	_____
Color <u>None</u>		12. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> NITROGEN / N/A

Pump Start: 12:52

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
12:55	750	11.8	1696	58.8	2.13	4.25	6.88	16.80
12:58	1500	11.7	1608	53.2	2.14	2.58	6.87	17.30
13:01	2250	11.6	1630	49.3	2.09	2.21	6.86	17.42
13:04	3000	11.7	1635	49.8	2.07	1.65	6.86	17.49

Well evacuated to dryness?	Yes / <u>(No)</u>	Time to recharge (min):	_____	9. Decontamination Procedures:	_____
1. Sample Filtered?	Yes / <u>(No)</u>	6. Sample Time:	<u>13:07</u>	Alconox/DI Rinse	_____
2. Sampling Equip. Used	<u>Bladder</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	10. Instrument type: YSI ProDSS	_____
3. Drive Gas (Air/Nitrogen)	<u>(AIR) NITROGEN / N/A</u>			Calibration Date:	<u>LAB</u>
4. Sample Rate (mL/min)	<u>250</u>			Calibration Time:	<u>LAB</u>
5. Sample Appearance:				Std.	Reading
Turbidity	<u>Clear</u>	8. Other Information:	_____		Adjust.
Color	<u>None</u>		_____	pH	
Odor	<u>None</u>		_____	Conduct.	
			_____	ORP	
			_____	D.O	
			_____	Turbidity	

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

	Facility Name: <u>Metro Park West</u>	Sampler Name(s): <u>B. Bunker</u>
	MW Identification: <u>MW-12</u>	Date/Time: <u>4/30/25 1055</u>
	Sample Number: <u>1</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>59°F cloudy</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <u>(No)</u>	5. Standing/Ponded Water (Yes/No)	Yes / <u>(No)</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>(No)</u>	6. Frost Heaving (Yes/No)	Yes / <u>(No)</u>
3. Casing Degradation: (Yes/No)	Yes / <u>(No)</u>	7. Lock in Place (Yes/No)	<u>(Yes)</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>(No)</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>9.22</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>-</u>	7. Water Level Measuring Equip.	<u>solinst</u>
3. Casing Diameter (inches)	<u>4"</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)	<u>5400</u>	9. Dedicated? (Yes/No)	<u>(Yes)</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>(No)</u>
Odor <u>none</u>	Turbidity <u>low</u>	11. Thickness of immiscible layer	<u>-</u>
Color <u>clear</u>		12. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
1107	<u>2</u>	<u>10.6</u>	<u>1551</u>	<u>130.2</u>	<u>2.21</u>	<u>1.71</u>	<u>6.95</u>	<u>9.64</u>
1110	<u>900</u>	<u>10.2</u>	<u>1540</u>	<u>132.1</u>	<u>0.57</u>	<u>1.68</u>	<u>6.86</u>	<u>10.06</u>
1113	<u>1800</u>	<u>11.2</u>	<u>1544</u>	<u>129.3</u>	<u>0.40</u>	<u>1.48</u>	<u>6.84</u>	<u>10.21</u>
1116	<u>2700</u>	<u>11.2</u>	<u>1546</u>	<u>127.1</u>	<u>0.34</u>	<u>1.51</u>	<u>6.83</u>	<u>10.37</u>
1119	<u>3600</u>	<u>11.3</u>	<u>1547</u>	<u>124.5</u>	<u>0.29</u>	<u>1.47</u>	<u>6.83</u>	<u>10.54</u>
1122	<u>4500</u>	<u>11.3</u>	<u>1549</u>	<u>121.9</u>	<u>0.26</u>	<u>1.49</u>	<u>6.83</u>	<u>10.68</u>

Well evacuated to dryness?	Yes / <u>(No)</u>	Time to recharge (min):	<u>-</u>	9. Decontamination Procedures:	
1. Sample Filtered?	Yes / <u>(No)</u>	6. Sample Time:	<u>1125</u>	<u>Alconox/DI Rinse</u>	
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	10. Instrument type: <u>YSI ProDSS</u>	
3. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> NITROGEN / N/A			Calibration Date: <u>LAB</u>	
4. Sample Rate (mL/min)	<u>300</u>			Calibration Time: <u>LAB</u>	
5. Sample Appearance:				<u>Std.</u> <u>Reading</u> <u>Adjust.</u>	
Turbidity	<u>low</u>	8. Other Information:		pH	
Color	<u>clear</u>			Conduct.	
Odor	<u>none</u>			ORP	
				D.O.	
				Turbidity	

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

	Facility Name: <u>Metro Park West</u>	Sampler Name(s): <u>B. Bunker</u>
	MW Identification: <u>MW-17</u>	Date/Time: <u>4/30/25 1240</u>
	Sample Number: <u>3</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>63°F cloudy</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <u>(No)</u>	5. Standing/Ponded Water (Yes/No)	Yes / <u>(No)</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>(No)</u>	6. Frost Heaving (Yes/No)	Yes / <u>(No)</u>
3. Casing Degradation: (Yes/No)	Yes / <u>(No)</u>	7. Lock in Place (Yes/No)	<u>(Yes)</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>(No)</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>4.34</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>-</u>	7. Water Level Measuring Equip.	<u>Solinst</u>
3. Casing Diameter (inches)	<u>2"</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)		9. Dedicated? (Yes/No)	<u>(Yes)</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>(No)</u>
Odor <u>none</u>	Turbidity <u>low</u>	11. Thickness of immiscible layer	<u>-</u>
Color <u>clear</u>		12. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
1246	-	14.1	1310	109.8	2.74	21.82	7.00	10.03
1249	900	12.8	1184	32.3	0.28	7.04	6.87	10.40
1252	1800	13.0	1181	6.8	0.18	11.48	6.87	10.41
1255	2700	12.9	1175	-8.0	0.13	17.94	6.86	10.54
1258	3600	12.7	1144	-19.0	0.09	29.22	6.88	10.57
1301	4500	12.6	958	-25.4	0.14	44.17	6.90	10.54
1304	5400	12.9	935	-25.9	0.18	43.79	6.90	10.75
1307	6300	12.4	927	-27.0	0.20	47.42	6.90	10.76
1310	7200	12.2	920	-28.6	0.19	49.22	6.90	10.81

Well evacuated to dryness?	Yes / <u>(No)</u>	Time to recharge (min):	<u>-</u>	9. Decontamination Procedures:	
1. Sample Filtered?	Yes / <u>(No)</u>	6. Sample Time:	<u>1313</u>	<u>Alconox/DI Rinse</u>	
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.		10. Instrument type: <u>YSI ProDSS</u>	
3. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> NITROGEN / N/A	<u>See Attached COC</u>		Calibration Date:	<u>LAB</u>
4. Sample Rate (mL/min)	<u>300</u>			Calibration Time:	<u>LAB</u>
5. Sample Appearance:				<u>Std.</u>	<u>Reading</u> <u>Adjust.</u>
Turbidity	<u>low/slightly</u>	8. Other Information:		pH	
Color	<u>clear cloudy</u>			Conduct.	
Odor	<u>none</u>			ORP	
				D.O.	
				Turbidity	

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

	Facility Name: <u>metro Park West</u>	Sampler Name(s): <u>B. Bunker</u>
	MW Identification: <u>MW-18</u>	Date/Time: <u>4/30/25 1325</u>
	Sample Number: <u>4</u>	PID Readings: <u>N/A</u>
	Weather Conditions: <u>63°F overcast</u>	
	Wellhead Inspection: <u>no comment</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	Yes / <u>(No)</u>	5. Standing/Ponded Water (Yes/No)	<u>(Yes)</u> / No
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>(No)</u>	6. Frost Heaving (Yes/No)	Yes / <u>(No)</u>
3. Casing Degradation: (Yes/No)	Yes / <u>(No)</u>	7. Lock in Place (Yes/No)	<u>(Yes)</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>(No)</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>16.81</u>	6. Purge Rate (mL/min)	<u>300</u>
2. Bottom of casing (±0.01 ft.)	<u>-</u>	7. Water Level Measuring Equip.	<u>solinst</u>
3. Casing Diameter (inches)	<u>2"</u>	8. Purge Equipment Used	<u>geocontrol pro</u>
4. Actual Volume of Water Purged (mL)	<u>5400</u>	9. Dedicated? (Yes/No)	<u>(Yes)</u> / No
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>(No)</u>
Odor <u>none</u>	Turbidity <u>low</u>	11. Thickness of immiscible layer	<u>-</u>
Color <u>clear</u>		12. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
1330	<u>-</u>	<u>12.6</u>	<u>1151</u>	<u>31.4</u>	<u>3.96</u>	<u>26.24</u>	<u>6.98</u>	<u>18.06</u>
1333	<u>900</u>	<u>12.2</u>	<u>1144</u>	<u>26.4</u>	<u>1.20</u>	<u>12.81</u>	<u>6.88</u>	<u>19.51</u>
1336	<u>1800</u>	<u>12.0</u>	<u>1155</u>	<u>24.0</u>	<u>0.90</u>	<u>11.89</u>	<u>6.88</u>	<u>20.07</u>
1339	<u>2700</u>	<u>12.0</u>	<u>1152</u>	<u>22.4</u>	<u>1.57</u>	<u>4.91</u>	<u>6.90</u>	<u>21.06</u>
1342	<u>3600</u>	<u>12.1</u>	<u>1153</u>	<u>22.8</u>	<u>1.95</u>	<u>3.56</u>	<u>6.90</u>	<u>22.22</u>
1345	<u>4500</u>	<u>12.0</u>	<u>1154</u>	<u>22.7</u>	<u>1.12</u>	<u>2.89</u>	<u>6.89</u>	<u>23.04</u>

Well evacuated to dryness?	Yes / <u>(No)</u>	Time to recharge (min):	<u>-</u>	9. Decontamination Procedures:	<u>Alconox/DI Rinse</u>
1. Sample Filtered?	Yes / <u>(No)</u>	6. Sample Time:	<u>1348</u>	10. Instrument type:	<u>YSI ProDSS</u>
2. Sampling Equip. Used	<u>geocontrol pro</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	Calibration Date:	<u>LAB</u>
3. Drive Gas (Air/Nitrogen)	<u>(AIR)</u> NITROGEN / N/A			Calibration Time:	<u>LAB</u>
4. Sample Rate (mL/min)	<u>300</u>			Std.	Reading Adjust.
5. Sample Appearance:	<u>3</u>	8. Other Information:		pH	
Turbidity	<u>low</u>			Conduct.	
Color	<u>clear</u>			ORP	
Odor	<u>none</u>			D.O.	
				Turbidity	

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet



Facility Name: MPW Sampler Name(s): RDW
 MW Identification: MW-20 Date/Time: 4-30-2025 / 9:30
 Sample Number: _____ PID Readings: N/A
 Weather Conditions: Partly Cloudy upper 40s F
 Wellhead Inspection: Good

Visual Inspection:

1. Survey Mark Present: (Yes/No) Yes / No 5. Standing/Ponded Water (Yes/No) Yes / No
 2. Collision/Vandalism Damage: (Yes/No) Yes / No 6. Frost Heaving (Yes/No) Yes / No
 3. Casing Degradation: (Yes/No) Yes / No 7. Lock in Place (Yes/No) Yes / No
 4. Well Subsidence: (Yes/No) Yes / No

Ground Water Measurements/Purge data:

1. Static Water Level (± 0.01 feet [ft.]) 12.88 6. Purge Rate (mL/min) 400
 2. Bottom of casing (± 0.01 ft.) 20.35 7. Water Level Measuring Equip. Geotech
 3. Casing Diameter (inches) 2 8. Purge Equipment Used Peri Pump
 4. Actual Volume of Water Purged (mL) 11200 9. Dedicated? (Yes/No) Yes / No
 5. Purge Water Characteristics: 10. Immiscible layer observed Yes / No
 Odor None Turbidity Slightly turbid 11. Thickness of immiscible layer _____
 Color light br 12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Pump Shut - 9:33

Time	Volume Purged (mL)	Temp (°C) X	Conductivity (µs/cm) X	ORP (mV) X	D.O. (mg/L) X	Turbidity (NTU) X	pH X	Drawdown
9:37	1600	11.5	2080	101.5	0.76	152.18	6.58	12.95
9:40	2800	11.5	2070	72.5	0.23	77.41	6.58	12.95
9:43	4000	11.5	2052	41.3	0.12	53.56	6.58	12.95
9:46	5200	11.4	2011	11.2	0.07	34.82	6.59	12.95
9:49	6400	11.5	1974	-4.9	0.04	28.39	6.60	12.95
9:52	7600	11.6	1937	-19.2	0.02	21.10	6.61	12.95
9:55	8800	11.5	1913	-20.5	0.00	20.45	6.62	12.95
9:58	10000	11.5	1895	-21.3	0.00	21.57	6.62	12.95

Well evacuated to dryness? Yes / No Time to recharge (min): _____
 1. Sample Filtered? Yes / No 6. Sample Time: 10:01
 2. Sampling Equip. Used Peri Pump 7. Parameter/Container/Pres. See Attached COC
 3. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A
 4. Sample Rate (mL/min) 400
 5. Sample Appearance: _____
 Turbidity Clear 8. Other Information: _____
 Color None _____
 Odor None _____

9. Decontamination Procedures: Alconox/DI Rinse
 10. Instrument type: YSI ProDSS
 Calibration Date: LAB
 Calibration Time: LAB
 Std. Reading Adjust.
 pH
 Conduct.
 ORP
 D.O
 Turbidity

See attached Lab Form for Calibration Data

Inlet Discharge
 Reddish Br.

Low Stress Groundwater Sampling Data Sheet



Facility Name: <u>MPW</u>	Sampler Name(s): <u>ROW</u>
MW Identification: <u>MW-21</u>	Date/Time: <u>4-30-2025 / 10:19</u>
Sample Number:	PID Readings: <u>N/A</u>
Weather Conditions: <u>Partly Cloudy upper 40s</u>	
Wellhead Inspection: <u>Good</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	<u>Yes</u> / <u>No</u>	5. Standing/Ponded Water (Yes/No)	Yes / <u>No</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>No</u>	6. Frost Heaving (Yes/No)	Yes / <u>No</u>
3. Casing Degradation: (Yes/No)	Yes / <u>No</u>	7. Lock in Place (Yes/No)	<u>Yes</u> / <u>No</u>
4. Well Subsidence: (Yes/No)	Yes / <u>No</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>10.88</u>	6. Purge Rate (mL/min)	<u>400</u>
2. Bottom of casing (±0.01 ft.)	<u>27.15</u>	7. Water Level Measuring Equip.	<u>Geotech</u>
3. Casing Diameter (inches)	<u>2</u>	8. Purge Equipment Used	<u>Peri Pump</u>
4. Actual Volume of Water Purged (mL)	<u>9600</u>	9. Dedicated? (Yes/No)	Yes / <u>No</u>
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>No</u>
Odor <u>None</u>	Turbidity <u>Clear</u>	11. Thickness of immiscible layer	<u>None</u>
Color <u>None</u>		12. Drive Gas (Air/Nitrogen)	<u>AIR / NITROGEN (N/A)</u>

Pump Start: 10:22

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
10:25	1200	12.1	2469	-76.3	1.10	8.19	6.62	10.92
10:31	3600	11.9	2465	-45.1	0.17	10.28	6.62	10.95
10:34	4800	12.0	2279	-52.1	0.09	12.42	6.63	10.95
10:37	6000	12.0	2025	-55.4	0.05	12.43	6.66	10.95
10:40	7200	12.0	1973	-58.4	0.03	12.59	6.66	10.95
10:43	8400	12.0	1969	-57.3	0.02	13.24	6.67	10.95

Well evacuated to dryness?	Yes / <u>No</u>	Time to recharge (min): <u> </u>	9. Decontamination Procedures:
1. Sample Filtered?	Yes / <u>No</u>	6. Sample Time: <u>10:46</u>	<u>Alconox/DI Rinse</u>
2. Sampling Equip. Used	<u>Peri Pump</u>	7. Parameter/Container/Pres.	10. Instrument type: <u>YSI ProDSS</u>
3. Drive Gas (Air/Nitrogen)	<u>AIR / NITROGEN / N/A</u>	<u>See Attached COC</u>	Calibration Date: <u>LAB</u>
4. Sample Rate (mL/min)	<u>400</u>		Calibration Time: <u>LAB</u>
5. Sample Appearance:			<u>Std.</u> <u>Reading</u> <u>Adjust.</u>
Turbidity	<u>Clear</u>	8. Other Information:	pH
Color	<u>None</u>		Conduct.
Odor	<u>Rotten eggs odor</u>		ORP
			D.O
			Turbidity

See attached Lab Form for Calibration Data

Initial discharge: very turbid (dk br)

Low Stress Groundwater Sampling Data Sheet



Facility Name: <u>MPJ</u>	Sampler Name(s): <u>RDW</u>
MW Identification: <u>MW-26</u>	Date/Time: <u>4-30-2025 / 8:35</u>
Sample Number:	PID Readings: <u>N/A</u>
Weather Conditions: <u>Partly cloudy upper 40s</u>	
Wellhead Inspection: <u>Good</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	<u>Yes</u> / No	5. Standing/Ponded Water (Yes/No)	Yes / <u>No</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>No</u>	6. Frost Heaving (Yes/No)	Yes / <u>No</u>
3. Casing Degradation: (Yes/No)	Yes / <u>No</u>	7. Lock in Place (Yes/No)	<u>Yes</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>No</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>13.65</u>	6. Purge Rate (mL/min)	<u>400</u>
2. Bottom of casing (±0.01 ft.)	<u>32.89</u>	7. Water Level Measuring Equip.	<u>Geotech</u>
3. Casing Diameter (inches)	<u>2</u>	8. Purge Equipment Used	<u>Peri Pump</u>
4. Actual Volume of Water Purged (mL)	<u>8400</u>	9. Dedicated? (Yes/No)	Yes / <u>No</u>
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>No</u>
Odor <u>None</u>	Turbidity <u>Slightly turbid</u>	11. Thickness of immiscible layer	<u> </u>
Color <u>light br</u>		12. Drive Gas (Air/Nitrogen)	<u>AIR / NITROGEN / N/A</u>

Pump Starts 8:38

Time	Volume Purged (mL)	Temp (°C) X	Conductivity (µs/cm) X	ORP (mV) X	D.O. (mg/L) X	Turbidity (NTU) X	pH X	Drawdown
8:44	2400	10.8	1372	-50.5	0.40	49.79	6.64	13.66
8:47	3600	10.8	1379	-49.7	0.22	42.07	6.64	13.66
8:50	4800	11.0	1386	-52.4	0.14	22.07	6.63	13.66
8:53	6000	11.0	1386	-55.2	0.10	21.09	6.63	13.66
8:56	7200	11.1	1385	-54.4	0.10	20.85	6.63	13.66

Well evacuated to dryness?	Yes / <u>No</u>	Time to recharge (min): <u> </u>	9. Decontamination Procedures:
1. Sample Filtered?	Yes / <u>No</u>	6. Sample Time: <u>8:59</u>	<u>Alconox/DI Rinse</u>
2. Sampling Equip. Used	<u>Peri Pump</u>	7. Parameter/Container/Pres.	10. Instrument type: <u>YSI ProDSS</u>
3. Drive Gas (Air/Nitrogen)	<u>AIR / NITROGEN / N/A</u>	<u>See Attached COC</u>	Calibration Date: <u>LAB</u>
4. Sample Rate (mL/min)	<u>400</u>		Calibration Time: <u>LAB</u>
5. Sample Appearance:			<u>Std.</u> <u>Reading</u> <u>Adjust.</u>
Turbidity	<u>Clear</u>	8. Other Information:	pH
Color	<u>None</u>		Conduct.
Odor	<u>None</u>		ORP
			D.O.
			Turbidity

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet



Facility Name: <u>MPW</u>	Sampler Name(s): <u>Rou</u>
MW Identification: <u>MW-27</u>	Date/Time: <u>4-30-2025 / 12:01</u>
Sample Number:	PID Readings: <u>N/A</u>
Weather Conditions: <u>Cloudy low-50s</u>	
Wellhead Inspection:	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	<u>Yes</u> / No	5. Standing/Ponded Water (Yes/No)	Yes / <u>No</u>
2. Collision/Vandalism Damage: (Yes/No)	Yes / <u>No</u>	6. Frost Heaving (Yes/No)	Yes / <u>No</u>
3. Casing Degradation: (Yes/No)	Yes / <u>No</u>	7. Lock in Place (Yes/No)	<u>Yes</u> / No
4. Well Subsidence: (Yes/No)	Yes / <u>No</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	<u>13.09</u>	6. Purge Rate (mL/min)	<u>400</u>
2. Bottom of casing (±0.01 ft.)	<u>22.53</u>	7. Water Level Measuring Equip.	<u>Geotech</u>
3. Casing Diameter (inches)	<u>2</u>	8. Purge Equipment Used	<u>Peri Pump</u>
4. Actual Volume of Water Purged (mL)	<u>7200</u>	9. Dedicated? (Yes/No)	Yes / <u>No</u>
5. Purge Water Characteristics:		10. Immiscible layer observed	Yes / <u>No</u>
Odor <u>Rotten Eggs</u>	Turbidity <u>Clear</u>	11. Thickness of immiscible layer	
Color <u>None</u>		12. Drive Gas (Air/Nitrogen)	<u>AIR / NITROGEN / N/A</u>

Pump Start: 12:04

Time	Volume Purged (mL)	Temp (°C) X	Conductivity (µs/cm) X	ORP (mV) X	D.O. (mg/L) X	Turbidity (NTU) X	pH X	Drawdown
12:07	1200	11.5	1195	-19.9	1.59	4.20	6.61	13.71
12:10	2400	10.5	1164	-39.7	0.29	4.94	6.54	13.90
12:13	3600	10.9	1154	-48.2	0.12	4.55	6.53	14.07
12:16	4800	10.5	1161	-53.2	0.10	3.94	6.52	14.12
12:19	6000	10.5	1163	-52.7	0.09	3.94	6.52	14.15

Well evacuated to dryness?	Yes / <u>No</u>	Time to recharge (min):		9. Decontamination Procedures:		
1. Sample Filtered?	Yes / <u>No</u>	6. Sample Time:	<u>12:22</u>	<u>Alconox/DI Rinse</u>		
2. Sampling Equip. Used	<u>Peri</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	10. Instrument type: <u>YSI ProDSS</u>		
3. Drive Gas (Air/Nitrogen)	<u>AIR / NITROGEN / N/A</u>			Calibration Date:	<u>LAB</u>	
4. Sample Rate (mL/min)	<u>400</u>			Calibration Time:	<u>LAB</u>	
5. Sample Appearance:				Std.	Reading	Adjust.
Turbidity	<u>Clear</u>	8. Other Information:		pH		
Color	<u>None</u>			Conduct.		
Odor	<u>Rotten Eggs</u>			ORP		
				D.O		
				Turbidity		

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

	Facility Name: <u>MPW</u>	Sampler Name(s): <u>Row</u>
	MW Identification: <u>MW-28</u>	Date/Time: <u>4-30-2025 / 13:46</u>
	Sample Number:	PID Readings: <u>N/A</u>
	Weather Conditions: <u>Cloudy upper 60s</u>	
	Wellhead Inspection: <u>Good</u>	

Visual Inspection:

1. Survey Mark Present: (Yes/No)	<u>(Yes) / No</u>	5. Standing/Ponded Water (Yes/No)	<u>Yes / (No)</u>
2. Collision/Vandalism Damage: (Yes/No)	<u>Yes / (No)</u>	6. Frost Heaving (Yes/No)	<u>Yes / (No)</u>
3. Casing Degradation: (Yes/No)	<u>Yes / (No)</u>	7. Lock in Place (Yes/No)	<u>(Yes) / No</u>
4. Well Subsidence: (Yes/No)	<u>Yes / (No)</u>		

Ground Water Measurements/Purge data:

1. Static Water Level (± 0.01 feet [ft.])	<u>7.87</u>	6. Purge Rate (mL/min)	<u>200</u>
2. Bottom of casing (± 0.01 ft.)	<u>NM</u>	7. Water Level Measuring Equip.	<u>Geotech</u>
3. Casing Diameter (inches)	<u>2</u>	8. Purge Equipment Used	<u>Bladder</u>
4. Actual Volume of Water Purged (mL)	<u>3800</u>	9. Dedicated? (Yes/No)	<u>(Yes) / No</u>
5. Purge Water Characteristics:		10. Immiscible layer observed	<u>Yes / (No)</u>
Odor <u>None</u>	Turbidity <u>Clear</u>	11. Thickness of immiscible layer	<u> </u>
Color <u>None</u>		12. Drive Gas (Air/Nitrogen)	<u>AIR / NITROGEN / N/A</u>

Pump Start: 13:48

Time	Volume Purged (mL)	Temp (°C)	Conductivity (μ S/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown
13:55	1400	10.7	1262	104.5	4.50	11.00	6.94	8.01
13:58	2000	9.7	1138	105.9	4.51	6.56	6.93	8.01
14:01	2600	9.4	1100	107.5	4.53	3.61	6.92	8.01
14:04	3200	9.5	1092	108.7	4.52	3.48	6.91	8.01

Well evacuated to dryness?	<u>Yes / (No)</u>	Time to recharge (min):	<u> </u>	9. Decontamination Procedures:	<u>Alconox/DI Rinse</u>
1. Sample Filtered?	<u>Yes / (No)</u>	6. Sample Time:	<u>14:07</u>	10. Instrument type:	<u>YSI ProDSS</u>
2. Sampling Equip. Used	<u>Bladder</u>	7. Parameter/Container/Pres.	<u>See Attached COC</u>	Calibration Date:	<u>LAB</u>
3. Drive Gas (Air/Nitrogen)	<u>AIR / NITROGEN / N/A</u>			Calibration Time:	<u>LAB</u>
4. Sample Rate (mL/min)	<u>200</u>				
5. Sample Appearance:					
Turbidity	<u>Clear</u>	8. Other Information:			
Color	<u>None</u>				
Odor	<u>None</u>				

pH
 Conduct.
 ORP
 D.O
 Turbidity

Std. Reading Adjust.
 See attached Lab Form for Calibration Data

Chain of Custody Record

206

3 coolers in total

 eurofins

Environment Testing

Client Information		Sample:		Lab PM:		Carrier Tracking No(s):		COC No:									
Client Contact: Richard Wilson		Richard Wilson & Brenden Barker		Calhoun, Conner M				310-105817-25457.1									
Phone:		368-882-6141		E-Mail:		Conner.Calhoun@et.eurofinsus.com		Page 1 of 2									
Company: HDR Inc		PWSID:		Analysis Requested				Job #:									
Address: 1917 S 67th Street		Due Date Requested:						Preservation Codes: D - HNO3 A - HCL N - None S - H2SO4									
City: Omaha		TAT Requested (days):						Other:									
State, Zip: NE, 68106		Compliance Project: ☐ Yes ☐ No															
Phone: 402-392-6714(Tel)		PO #:															
Email: richard.wilson2@hdrinc.com		Purchase Order not required															
Project Name: HDR Metro Park West Landfill- Groundwater		WO #:															
Site:		Project #: 31013266															
		SSOW#:															
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - (MOD) Appendix 1	8260D - Volatile Appendix 1 Sublist	13765_95 - Residue, Non-filterable (TSS)	8260D - Volatile Appendix 1 Sublist	9056A_ORGFM_28D - Sulfate	9060A - TOC	6020B - As Iron, MN	Total Number of containers	Special Instructions/Note:	
MW-1		4-30-2025	12:15	G	Water	N	N	X	X	X						8	
MW-9B			13:07		Water			X	X	X						8	
MW-12			11:25		Water			X	X	X						8	
MW-17			13:13		Water			X	X	X						8	
MW-18			13:48		Water			X	X	X						8	
DUP-1			7:45		Water			X	X	X						8	
EQ1					Water												No Sample
MW-2AR		4-30-2025	11:32	G	Water			X	X	X		X	X	X		12	
MW-5AR			14:35		Water			X	X	X		X	X	X		12	
MW-6A			15:20		Water			X	X	X		X	X	X		12	
MW-28			14:07		Water			X	X	X		X	X	X		12	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months											
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:											
Empty Kit Relinquished by:			Date:		Time:		Method of Shipment:										
Relinquished by:			Date/Time:		Company		Received by:			Date/Time:			Company				
Relinquished by:			Date/Time:		Company		Received by:			Date/Time:			Company				
Relinquished by:			Date/Time:		Company		Received by:			Date/Time:			Company				
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks:											

Neil-Meyer, Omaha SD
286

2
2
2
~~15~~
2

This page intentionally left blank.



Appendix B

Laboratory Analytical Reports



This page intentionally left blank.



ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106
Generated 5/13/2025 7:34:04 AM

JOB DESCRIPTION

Metro Park West Landfill - Groundwater

JOB NUMBER

310-305453-1

Eurofins Cedar Falls

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
5/13/2025 7:34:04 AM

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Sample Summary	5
Detection Summary	6
Client Sample Results	9
Definitions	35
Surrogate Summary	36
QC Sample Results	37
QC Association	49
Chronicle	53
Certification Summary	57
Method Summary	58
Chain of Custody	59
Receipt Checklists	64
Detection Limit Exceptions Summary	65



Case Narrative

Client: HDR Inc
Project: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Job ID: 310-305453-1

Eurofins Cedar Falls

Job Narrative 310-305453-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/1/2025 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were -0.2°C, 0.1°C and 1.6°C.

GC/MS VOA

Method 8260D: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following sample(s) was received preserved with hydrochloric acid. Vial preservation was pH <2 rather than pH 4-5. : TB-1 (310-305453-11). The requested target analyte list includes Acrylonitrile.

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-453665 recovered outside of the control limits for Bromomethane (-26.3%D). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is impacted: (CCV 310-453665/4).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-453663 recovered outside of the control limits for Bromomethane (-21.3%D). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is impacted: (CCV 310-453663/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Cedar Falls

Sample Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-305453-1	MW-1	Water	04/30/25 12:15	05/01/25 16:05
310-305453-2	MW-9B	Water	04/30/25 13:07	05/01/25 16:05
310-305453-3	MW-12	Water	04/30/25 11:25	05/01/25 16:05
310-305453-4	MW-17	Water	04/30/25 13:13	05/01/25 16:05
310-305453-5	MW-18	Water	04/30/25 13:48	05/01/25 16:05
310-305453-6	Dup-1	Water	04/30/25 07:45	05/01/25 16:05
310-305453-7	MW-2AR	Water	04/30/25 11:32	05/01/25 16:05
310-305453-8	MW-5AR	Water	04/30/25 14:35	05/01/25 16:05
310-305453-9	MW-6A	Water	04/30/25 15:20	05/01/25 16:05
310-305453-10	MW-28	Water	04/30/25 14:07	05/01/25 16:05
310-305453-11	TB-1	Water	04/30/25 08:00	05/01/25 16:05
310-305453-12	MW-20	Water	04/30/25 10:01	05/01/25 16:05
310-305453-13	MW-21	Water	04/30/25 10:46	05/01/25 16:05
310-305453-14	MW-26	Water	04/30/25 08:59	05/01/25 16:05
310-305453-15	MW-27	Water	04/30/25 12:22	05/01/25 16:05

Detection Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-1

Lab Sample ID: 310-305453-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.00432		0.00200	0.000530	mg/L	1			6020B	Total/NA
Barium	0.110		0.00200	0.000660	mg/L	1			6020B	Total/NA
Cobalt	0.000577		0.000500	0.000170	mg/L	1			6020B	Total/NA
Nickel	0.00308	J	0.00500	0.00230	mg/L	1			6020B	Total/NA
Manganese	0.149		0.0100	0.00360	mg/L	1			6020B	Total/NA

Client Sample ID: MW-9B

Lab Sample ID: 310-305453-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.000686	J	0.00200	0.000530	mg/L	1			6020B	Total/NA
Barium	0.0327		0.00200	0.000660	mg/L	1			6020B	Total/NA
Cobalt	0.0104		0.000500	0.000170	mg/L	1			6020B	Total/NA
Nickel	0.0166		0.00500	0.00230	mg/L	1			6020B	Total/NA
Iron	1.77		0.100	0.0500	mg/L	1			6020B	Total/NA
Manganese	1.55		0.0100	0.00360	mg/L	1			6020B	Total/NA
Total Suspended Solids	13.8		1.88	1.31	mg/L	1			I-3765-85	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 310-305453-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.0811		0.00200	0.000660	mg/L	1			6020B	Total/NA
Cadmium	0.000100	J	0.000200	0.000100	mg/L	1			6020B	Total/NA
Cobalt	0.000233	J	0.000500	0.000170	mg/L	1			6020B	Total/NA
Nickel	0.00957		0.00500	0.00230	mg/L	1			6020B	Total/NA
Manganese	0.127		0.0100	0.00360	mg/L	1			6020B	Total/NA

Client Sample ID: MW-17

Lab Sample ID: 310-305453-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.00481		0.00200	0.000530	mg/L	1			6020B	Total/NA
Barium	0.250		0.00200	0.000660	mg/L	1			6020B	Total/NA
Cadmium	0.000113	J	0.000200	0.000100	mg/L	1			6020B	Total/NA
Cobalt	0.00463		0.000500	0.000170	mg/L	1			6020B	Total/NA
Copper	0.00557		0.00500	0.00320	mg/L	1			6020B	Total/NA
Lead	0.000892		0.000500	0.000330	mg/L	1			6020B	Total/NA
Nickel	0.0132		0.00500	0.00230	mg/L	1			6020B	Total/NA
Zinc	0.0132	J	0.0200	0.0130	mg/L	1			6020B	Total/NA
Iron	3.25		0.100	0.0500	mg/L	1			6020B	Total/NA
Manganese	2.78		0.0100	0.00360	mg/L	1			6020B	Total/NA
Total Suspended Solids	24.0		7.50	5.25	mg/L	1			I-3765-85	Total/NA

Client Sample ID: MW-18

Lab Sample ID: 310-305453-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Arsenic	0.00128	J	0.00200	0.000530	mg/L	1			6020B	Total/NA
Barium	0.0713		0.00200	0.000660	mg/L	1			6020B	Total/NA
Cobalt	0.00117		0.000500	0.000170	mg/L	1			6020B	Total/NA
Nickel	0.00417	J	0.00500	0.00230	mg/L	1			6020B	Total/NA
Silver	0.000738	J	0.00100	0.000500	mg/L	1			6020B	Total/NA
Iron	0.546		0.100	0.0500	mg/L	1			6020B	Total/NA
Manganese	0.774		0.0100	0.00360	mg/L	1			6020B	Total/NA
Total Suspended Solids	3.13		1.88	1.31	mg/L	1			I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: Dup-1

Lab Sample ID: 310-305453-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.503	J	1.00	0.230	ug/L	1		8260D	Total/NA
Acetone	6.18	J	10.0	3.10	ug/L	1		8260D	Total/NA
Benzene	0.272	J	0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	1.37		1.00	0.400	ug/L	1		8260D	Total/NA
Chloroethane	2.08	J	4.00	0.790	ug/L	1		8260D	Total/NA
Arsenic	0.0384		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.769		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00218		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0146		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00242	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Iron	32.8		0.100	0.0500	mg/L	1		6020B	Total/NA
Manganese	2.94		0.0100	0.00360	mg/L	1		6020B	Total/NA
Total Suspended Solids	82.7		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-2AR

Lab Sample ID: 310-305453-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.608	J	1.00	0.230	ug/L	1		8260D	Total/NA
Acetone	7.21	J	10.0	3.10	ug/L	1		8260D	Total/NA
Benzene	0.237	J	0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	1.35		1.00	0.400	ug/L	1		8260D	Total/NA
Chloroethane	2.07	J	4.00	0.790	ug/L	1		8260D	Total/NA
Sulfate	138		10.0	4.20	mg/L	10		9056A	Total/NA
Arsenic	0.0368		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.762		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00213		0.000500	0.000170	mg/L	1		6020B	Total/NA
Iron	31.7		0.100	0.0500	mg/L	1		6020B	Total/NA
Manganese	3.07		0.0100	0.00360	mg/L	1		6020B	Total/NA
Nickel	0.0177		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00209	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Organic Carbon	15.6		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	83.0		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-5AR

Lab Sample ID: 310-305453-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	197		10.0	4.20	mg/L	10		9056A	Total/NA
Barium	0.0420		0.00200	0.000660	mg/L	1		6020B	Total/NA
Selenium	0.00356	J	0.00500	0.00140	mg/L	1		6020B	Total/NA
Total Organic Carbon	1.51		1.00	0.500	mg/L	1		9060A	Total/NA

Client Sample ID: MW-6A

Lab Sample ID: 310-305453-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	23.2		10.0	4.20	mg/L	10		9056A	Total/NA
Barium	0.230		0.00200	0.000660	mg/L	1		6020B	Total/NA
Manganese	0.00844	J	0.0100	0.00360	mg/L	1		6020B	Total/NA
Total Organic Carbon	3.22		1.00	0.500	mg/L	1		9060A	Total/NA

Client Sample ID: MW-28

Lab Sample ID: 310-305453-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	274		10.0	4.20	mg/L	10		9056A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-28 (Continued)

Lab Sample ID: 310-305453-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0369		0.00200	0.000660	mg/L	1		6020B	Total/NA
Nickel	0.00413	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Selenium	0.00157	J	0.00500	0.00140	mg/L	1		6020B	Total/NA
Total Organic Carbon	3.61		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	2.50		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: TB-1

Lab Sample ID: 310-305453-11

No Detections.

Client Sample ID: MW-20

Lab Sample ID: 310-305453-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	450		10.0	4.20	mg/L	10		9056A	Total/NA
Arsenic	0.0167		0.00200	0.000530	mg/L	1		6020B	Total/NA
Iron	14.6		0.100	0.0500	mg/L	1		6020B	Total/NA
Manganese	1.85		0.0100	0.00360	mg/L	1		6020B	Total/NA
Total Organic Carbon	7.03		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	30.5		2.50	1.75	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-21

Lab Sample ID: 310-305453-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	264		10.0	4.20	mg/L	10		9056A	Total/NA
Arsenic	0.00610		0.00200	0.000530	mg/L	1		6020B	Total/NA
Iron	11.3		0.100	0.0500	mg/L	1		6020B	Total/NA
Manganese	3.60		0.0100	0.00360	mg/L	1		6020B	Total/NA
Total Organic Carbon	11.1		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	26.8		2.50	1.75	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-26

Lab Sample ID: 310-305453-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	270		10.0	4.20	mg/L	10		9056A	Total/NA
Arsenic	0.00473		0.00200	0.000530	mg/L	1		6020B	Total/NA
Iron	17.8		0.100	0.0500	mg/L	1		6020B	Total/NA
Manganese	4.37		0.0100	0.00360	mg/L	1		6020B	Total/NA
Total Organic Carbon	4.84		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	27.5		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-27

Lab Sample ID: 310-305453-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	77.5		10.0	4.20	mg/L	10		9056A	Total/NA
Arsenic	0.00239		0.00200	0.000530	mg/L	1		6020B	Total/NA
Iron	3.84		0.100	0.0500	mg/L	1		6020B	Total/NA
Manganese	3.20		0.0100	0.00360	mg/L	1		6020B	Total/NA
Total Organic Carbon	8.34		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	9.50		3.75	2.63	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-1

Lab Sample ID: 310-305453-1

Date Collected: 04/30/25 12:15

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 13:18	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 13:18	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 13:18	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 13:18	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 13:18	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 13:18	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 13:18	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 13:18	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 13:18	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 13:18	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 13:18	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 13:18	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 13:18	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 13:18	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 13:18	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 13:18	1
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 13:18	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 13:18	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 13:18	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 13:18	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 13:18	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 13:18	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 13:18	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 13:18	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 13:18	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 13:18	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 13:18	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 13:18	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 13:18	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 13:18	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 13:18	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 13:18	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 13:18	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 13:18	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 13:18	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 13:18	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 13:18	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 13:18	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 13:18	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 13:18	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 13:18	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 13:18	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 13:18	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 13:18	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 13:18	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 13:18	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	120		76 - 130		05/06/25 13:18	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-1

Lab Sample ID: 310-305453-1

Date Collected: 04/30/25 12:15

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120		05/06/25 13:18	1
4-Bromofluorobenzene (Surr)	96		80 - 120		05/06/25 13:18	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/08/25 19:08	1
Arsenic	0.00432		0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 19:08	1
Barium	0.110		0.00200	0.000660	mg/L		05/06/25 09:00	05/08/25 19:08	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/09/25 13:31	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/06/25 09:00	05/08/25 19:08	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/08/25 19:08	1
Cobalt	0.000577		0.000500	0.000170	mg/L		05/06/25 09:00	05/08/25 19:08	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/08/25 19:08	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/08/25 19:08	1
Nickel	0.00308	J	0.00500	0.00230	mg/L		05/06/25 09:00	05/08/25 19:08	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/06/25 09:00	05/08/25 19:08	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/08/25 19:08	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/08/25 19:08	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/06/25 09:00	05/08/25 19:08	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/08/25 19:08	1
Iron	<0.0500		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 19:08	1
Manganese	0.149		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			05/03/25 08:13	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-9B

Lab Sample ID: 310-305453-2

Date Collected: 04/30/25 13:07

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 13:40	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 13:40	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 13:40	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 13:40	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 13:40	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 13:40	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 13:40	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 13:40	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 13:40	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 13:40	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 13:40	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 13:40	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 13:40	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 13:40	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 13:40	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 13:40	1
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 13:40	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 13:40	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 13:40	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 13:40	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 13:40	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 13:40	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 13:40	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 13:40	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 13:40	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 13:40	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 13:40	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 13:40	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 13:40	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 13:40	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 13:40	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 13:40	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 13:40	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 13:40	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 13:40	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 13:40	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 13:40	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 13:40	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 13:40	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 13:40	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 13:40	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 13:40	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 13:40	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 13:40	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 13:40	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 13:40	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	116		76 - 130		05/06/25 13:40	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-9B

Lab Sample ID: 310-305453-2

Date Collected: 04/30/25 13:07

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120		05/06/25 13:40	1
4-Bromofluorobenzene (Surr)	103		80 - 120		05/06/25 13:40	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/09/25 07:15	05/09/25 14:33	1
Arsenic	0.000686	J	0.00200	0.000530	mg/L		05/09/25 07:15	05/09/25 14:33	1
Barium	0.0327		0.00200	0.000660	mg/L		05/09/25 07:15	05/09/25 14:33	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/09/25 07:15	05/09/25 14:33	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/09/25 07:15	05/09/25 14:33	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/09/25 07:15	05/09/25 14:33	1
Cobalt	0.0104		0.000500	0.000170	mg/L		05/09/25 07:15	05/09/25 14:33	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/09/25 07:15	05/09/25 14:33	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/09/25 07:15	05/09/25 14:33	1
Nickel	0.0166		0.00500	0.00230	mg/L		05/09/25 07:15	05/09/25 14:33	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/09/25 07:15	05/09/25 14:33	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/09/25 07:15	05/09/25 14:33	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/09/25 07:15	05/09/25 14:33	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/09/25 07:15	05/09/25 14:33	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/09/25 07:15	05/09/25 14:33	1
Iron	1.77		0.100	0.0500	mg/L		05/09/25 07:15	05/09/25 14:33	1
Manganese	1.55		0.0100	0.00360	mg/L		05/09/25 07:15	05/09/25 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	13.8		1.88	1.31	mg/L			05/03/25 09:16	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-12

Lab Sample ID: 310-305453-3

Date Collected: 04/30/25 11:25

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 01:39	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 01:39	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 01:39	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 01:39	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 01:39	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 01:39	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 01:39	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 01:39	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 01:39	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 01:39	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 01:39	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 01:39	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 01:39	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 01:39	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 01:39	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 01:39	1
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 01:39	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 01:39	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 01:39	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 01:39	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 01:39	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 01:39	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 01:39	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 01:39	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 01:39	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 01:39	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 01:39	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 01:39	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 01:39	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 01:39	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 01:39	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 01:39	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 01:39	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 01:39	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 01:39	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 01:39	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 01:39	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 01:39	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 01:39	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 01:39	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 01:39	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 01:39	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 01:39	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 01:39	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 01:39	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 01:39	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	118		76 - 130		05/06/25 01:39	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Client Sample ID: MW-12

Lab Sample ID: 310-305453-3

Date Collected: 04/30/25 11:25

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/06/25 01:39	1
4-Bromofluorobenzene (Surr)	98		80 - 120		05/06/25 01:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/08/25 19:06	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 19:06	1
Barium	0.0811		0.00200	0.000660	mg/L		05/06/25 09:00	05/08/25 19:06	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/09/25 13:28	1
Cadmium	0.000100	J	0.000200	0.000100	mg/L		05/06/25 09:00	05/08/25 19:06	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/08/25 19:06	1
Cobalt	0.000233	J	0.000500	0.000170	mg/L		05/06/25 09:00	05/08/25 19:06	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/08/25 19:06	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/08/25 19:06	1
Nickel	0.00957		0.00500	0.00230	mg/L		05/06/25 09:00	05/08/25 19:06	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/06/25 09:00	05/08/25 19:06	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/08/25 19:06	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/08/25 19:06	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/06/25 09:00	05/08/25 19:06	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/08/25 19:06	1
Iron	<0.0500		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 19:06	1
Manganese	0.127		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			05/03/25 08:13	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-17

Lab Sample ID: 310-305453-4

Date Collected: 04/30/25 13:13

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 02:01	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 02:01	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 02:01	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 02:01	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 02:01	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 02:01	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 02:01	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 02:01	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 02:01	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 02:01	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 02:01	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 02:01	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 02:01	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 02:01	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 02:01	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 02:01	1
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 02:01	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 02:01	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 02:01	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 02:01	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 02:01	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 02:01	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 02:01	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 02:01	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 02:01	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 02:01	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 02:01	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 02:01	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 02:01	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 02:01	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 02:01	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 02:01	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 02:01	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 02:01	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 02:01	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 02:01	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 02:01	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 02:01	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 02:01	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 02:01	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 02:01	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 02:01	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 02:01	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 02:01	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 02:01	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 02:01	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	119		76 - 130		05/06/25 02:01	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-17

Lab Sample ID: 310-305453-4

Date Collected: 04/30/25 13:13

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		05/06/25 02:01	1
4-Bromofluorobenzene (Surr)	98		80 - 120		05/06/25 02:01	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/08/25 14:19	1
Arsenic	0.00481		0.00200	0.000530	mg/L		05/06/25 09:00	05/07/25 15:23	1
Barium	0.250		0.00200	0.000660	mg/L		05/06/25 09:00	05/07/25 15:23	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/07/25 15:23	1
Cadmium	0.000113 J		0.000200	0.000100	mg/L		05/06/25 09:00	05/07/25 15:23	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/07/25 15:23	1
Cobalt	0.00463		0.000500	0.000170	mg/L		05/06/25 09:00	05/07/25 15:23	1
Copper	0.00557		0.00500	0.00320	mg/L		05/06/25 09:00	05/07/25 15:23	1
Lead	0.000892		0.000500	0.000330	mg/L		05/06/25 09:00	05/07/25 15:23	1
Nickel	0.0132		0.00500	0.00230	mg/L		05/06/25 09:00	05/07/25 15:23	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/06/25 09:00	05/07/25 15:23	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/07/25 15:23	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/07/25 15:23	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/06/25 09:00	05/07/25 15:23	1
Zinc	0.0132 J		0.0200	0.0130	mg/L		05/06/25 09:00	05/07/25 15:23	1
Iron	3.25		0.100	0.0500	mg/L		05/06/25 09:00	05/07/25 15:23	1
Manganese	2.78		0.0100	0.00360	mg/L		05/06/25 09:00	05/07/25 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	24.0		7.50	5.25	mg/L			05/03/25 09:16	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-18

Lab Sample ID: 310-305453-5

Date Collected: 04/30/25 13:48

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 02:24	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 02:24	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 02:24	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 02:24	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 02:24	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 02:24	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 02:24	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 02:24	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 02:24	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 02:24	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 02:24	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 02:24	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 02:24	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 02:24	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 02:24	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 02:24	1
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 02:24	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 02:24	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 02:24	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 02:24	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 02:24	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 02:24	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 02:24	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 02:24	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 02:24	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 02:24	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 02:24	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 02:24	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 02:24	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 02:24	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 02:24	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 02:24	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 02:24	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 02:24	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 02:24	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 02:24	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 02:24	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 02:24	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 02:24	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 02:24	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 02:24	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 02:24	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 02:24	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 02:24	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 02:24	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 02:24	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 02:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	119		76 - 130		05/06/25 02:24	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Client Sample ID: MW-18

Lab Sample ID: 310-305453-5

Date Collected: 04/30/25 13:48

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120		05/06/25 02:24	1
4-Bromofluorobenzene (Surr)	95		80 - 120		05/06/25 02:24	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/08/25 19:13	1
Arsenic	0.00128	J	0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 19:13	1
Barium	0.0713		0.00200	0.000660	mg/L		05/06/25 09:00	05/08/25 19:13	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/09/25 13:40	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/06/25 09:00	05/08/25 19:13	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/08/25 19:13	1
Cobalt	0.00117		0.000500	0.000170	mg/L		05/06/25 09:00	05/08/25 19:13	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/08/25 19:13	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/08/25 19:13	1
Nickel	0.00417	J	0.00500	0.00230	mg/L		05/06/25 09:00	05/08/25 19:13	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/06/25 09:00	05/08/25 19:13	1
Silver	0.000738	J	0.00100	0.000500	mg/L		05/06/25 09:00	05/08/25 19:13	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/08/25 19:13	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/06/25 09:00	05/08/25 19:13	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/08/25 19:13	1
Iron	0.546		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 19:13	1
Manganese	0.774		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	3.13		1.88	1.31	mg/L			05/03/25 10:33	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: Dup-1

Lab Sample ID: 310-305453-6

Date Collected: 04/30/25 07:45

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 02:47	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 02:47	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 02:47	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 02:47	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 02:47	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 02:47	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 02:47	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 02:47	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 02:47	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 02:47	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 02:47	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 02:47	1
1,4-Dichlorobenzene	0.503	J	1.00	0.230	ug/L			05/06/25 02:47	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 02:47	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 02:47	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 02:47	1
Acetone	6.18	J	10.0	3.10	ug/L			05/06/25 02:47	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 02:47	1
Benzene	0.272	J	0.500	0.220	ug/L			05/06/25 02:47	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 02:47	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 02:47	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 02:47	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 02:47	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 02:47	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 02:47	1
Chlorobenzene	1.37		1.00	0.400	ug/L			05/06/25 02:47	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 02:47	1
Chloroethane	2.08	J	4.00	0.790	ug/L			05/06/25 02:47	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 02:47	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 02:47	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 02:47	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 02:47	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 02:47	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 02:47	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 02:47	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 02:47	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 02:47	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 02:47	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 02:47	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 02:47	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 02:47	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 02:47	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 02:47	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 02:47	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 02:47	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 02:47	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	117		76 - 130		05/06/25 02:47	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Client Sample ID: Dup-1

Lab Sample ID: 310-305453-6

Date Collected: 04/30/25 07:45

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/06/25 02:47	1
4-Bromofluorobenzene (Surr)	98		80 - 120		05/06/25 02:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/07/25 14:57	1
Arsenic	0.0384		0.00200	0.000530	mg/L		05/06/25 09:00	05/07/25 14:57	1
Barium	0.769		0.00200	0.000660	mg/L		05/06/25 09:00	05/07/25 14:57	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/07/25 14:57	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/06/25 09:00	05/07/25 14:57	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/07/25 14:57	1
Cobalt	0.00218		0.000500	0.000170	mg/L		05/06/25 09:00	05/07/25 14:57	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/07/25 14:57	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/07/25 14:57	1
Nickel	0.0146		0.00500	0.00230	mg/L		05/06/25 09:00	05/07/25 14:57	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/06/25 09:00	05/07/25 14:57	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/07/25 14:57	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/07/25 14:57	1
Vanadium	0.00242 J		0.00500	0.00170	mg/L		05/06/25 09:00	05/07/25 14:57	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/07/25 14:57	1
Iron	32.8		0.100	0.0500	mg/L		05/06/25 09:00	05/07/25 14:57	1
Manganese	2.94		0.0100	0.00360	mg/L		05/06/25 09:00	05/07/25 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	82.7		5.00	3.50	mg/L			05/03/25 09:16	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-2AR

Lab Sample ID: 310-305453-7

Date Collected: 04/30/25 11:32

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 03:10	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 03:10	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 03:10	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 03:10	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 03:10	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 03:10	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 03:10	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 03:10	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 03:10	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 03:10	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 03:10	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 03:10	1
1,4-Dichlorobenzene	0.608	J	1.00	0.230	ug/L			05/06/25 03:10	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 03:10	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 03:10	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 03:10	1
Acetone	7.21	J	10.0	3.10	ug/L			05/06/25 03:10	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 03:10	1
Benzene	0.237	J	0.500	0.220	ug/L			05/06/25 03:10	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 03:10	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 03:10	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 03:10	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 03:10	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 03:10	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 03:10	1
Chlorobenzene	1.35		1.00	0.400	ug/L			05/06/25 03:10	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 03:10	1
Chloroethane	2.07	J	4.00	0.790	ug/L			05/06/25 03:10	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 03:10	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 03:10	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 03:10	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 03:10	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 03:10	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 03:10	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 03:10	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 03:10	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 03:10	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 03:10	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 03:10	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 03:10	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 03:10	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 03:10	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 03:10	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 03:10	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 03:10	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 03:10	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 03:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	116		76 - 130		05/06/25 03:10	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Client Sample ID: MW-2AR

Lab Sample ID: 310-305453-7

Date Collected: 04/30/25 11:32

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/06/25 03:10	1
4-Bromofluorobenzene (Surr)	99		80 - 120		05/06/25 03:10	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	138		10.0	4.20	mg/L			05/08/25 20:36	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/08/25 19:11	1
Arsenic	0.0368		0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 19:11	1
Barium	0.762		0.00200	0.000660	mg/L		05/06/25 09:00	05/08/25 19:11	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/09/25 13:33	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/06/25 09:00	05/08/25 19:11	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/08/25 19:11	1
Cobalt	0.00213		0.000500	0.000170	mg/L		05/06/25 09:00	05/08/25 19:11	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/08/25 19:11	1
Iron	31.7		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 19:11	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/08/25 19:11	1
Manganese	3.07		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:33	1
Nickel	0.0177		0.00500	0.00230	mg/L		05/06/25 09:00	05/08/25 19:11	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/06/25 09:00	05/08/25 19:11	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/08/25 19:11	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/08/25 19:11	1
Vanadium	0.00209 J		0.00500	0.00170	mg/L		05/06/25 09:00	05/08/25 19:11	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/08/25 19:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	15.6		1.00	0.500	mg/L			05/07/25 04:06	1
Total Suspended Solids (USGS I-3765-85)	83.0		5.00	3.50	mg/L			05/03/25 09:16	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-5AR

Lab Sample ID: 310-305453-8

Date Collected: 04/30/25 14:35

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 03:32	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 03:32	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 03:32	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 03:32	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 03:32	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 03:32	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 03:32	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 03:32	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 03:32	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 03:32	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 03:32	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 03:32	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 03:32	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 03:32	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 03:32	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 03:32	1
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 03:32	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 03:32	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 03:32	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 03:32	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 03:32	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 03:32	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 03:32	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 03:32	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 03:32	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 03:32	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 03:32	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 03:32	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 03:32	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 03:32	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 03:32	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 03:32	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 03:32	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 03:32	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 03:32	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 03:32	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 03:32	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 03:32	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 03:32	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 03:32	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 03:32	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 03:32	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 03:32	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 03:32	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 03:32	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 03:32	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	124		76 - 130		05/06/25 03:32	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-5AR

Lab Sample ID: 310-305453-8

Date Collected: 04/30/25 14:35

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		05/06/25 03:32	1
4-Bromofluorobenzene (Surr)	102		80 - 120		05/06/25 03:32	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	197		10.0	4.20	mg/L			05/08/25 20:50	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/07/25 14:55	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		05/06/25 09:00	05/07/25 14:55	1
Barium	0.0420		0.00200	0.000660	mg/L		05/06/25 09:00	05/07/25 14:55	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/07/25 14:55	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/06/25 09:00	05/07/25 14:55	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/07/25 14:55	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		05/06/25 09:00	05/07/25 14:55	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/07/25 14:55	1
Iron	<0.0500		0.100	0.0500	mg/L		05/06/25 09:00	05/07/25 14:55	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/07/25 14:55	1
Manganese	<0.00360		0.0100	0.00360	mg/L		05/06/25 09:00	05/07/25 14:55	1
Nickel	<0.00230		0.00500	0.00230	mg/L		05/06/25 09:00	05/07/25 14:55	1
Selenium	0.00356	J	0.00500	0.00140	mg/L		05/06/25 09:00	05/07/25 14:55	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/07/25 14:55	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/07/25 14:55	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/06/25 09:00	05/07/25 14:55	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/07/25 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.51		1.00	0.500	mg/L			05/07/25 04:42	1
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			05/03/25 09:16	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-6A

Lab Sample ID: 310-305453-9

Date Collected: 04/30/25 15:20

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 03:55	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 03:55	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 03:55	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 03:55	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 03:55	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 03:55	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 03:55	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 03:55	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 03:55	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 03:55	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 03:55	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 03:55	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 03:55	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 03:55	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 03:55	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 03:55	1
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 03:55	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 03:55	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 03:55	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 03:55	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 03:55	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 03:55	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 03:55	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 03:55	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 03:55	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 03:55	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 03:55	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 03:55	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 03:55	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 03:55	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 03:55	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 03:55	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 03:55	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 03:55	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 03:55	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 03:55	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 03:55	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 03:55	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 03:55	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 03:55	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 03:55	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 03:55	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 03:55	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 03:55	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 03:55	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 03:55	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	118		76 - 130		05/06/25 03:55	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-6A

Lab Sample ID: 310-305453-9

Date Collected: 04/30/25 15:20

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		80 - 120		05/06/25 03:55	1
4-Bromofluorobenzene (Surr)	97		80 - 120		05/06/25 03:55	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	23.2		10.0	4.20	mg/L			05/08/25 21:04	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/08/25 14:12	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		05/06/25 09:00	05/07/25 15:21	1
Barium	0.230		0.00200	0.000660	mg/L		05/06/25 09:00	05/07/25 15:21	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/07/25 15:21	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/06/25 09:00	05/07/25 15:21	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/07/25 15:21	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		05/06/25 09:00	05/07/25 15:21	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/07/25 15:21	1
Iron	<0.0500		0.100	0.0500	mg/L		05/06/25 09:00	05/07/25 15:21	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/07/25 15:21	1
Manganese	0.00844	J	0.0100	0.00360	mg/L		05/06/25 09:00	05/07/25 15:21	1
Nickel	<0.00230		0.00500	0.00230	mg/L		05/06/25 09:00	05/07/25 15:21	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/06/25 09:00	05/07/25 15:21	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/07/25 15:21	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/07/25 15:21	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/06/25 09:00	05/07/25 15:21	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/07/25 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.22		1.00	0.500	mg/L			05/07/25 05:18	1
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			05/03/25 09:16	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Client Sample ID: MW-28

Lab Sample ID: 310-305453-10

Date Collected: 04/30/25 14:07

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 04:17	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 04:17	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 04:17	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 04:17	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 04:17	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 04:17	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 04:17	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 04:17	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 04:17	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 04:17	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 04:17	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 04:17	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 04:17	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 04:17	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 04:17	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 04:17	1
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 04:17	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 04:17	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 04:17	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 04:17	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 04:17	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 04:17	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 04:17	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 04:17	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 04:17	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 04:17	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 04:17	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 04:17	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 04:17	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 04:17	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 04:17	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 04:17	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 04:17	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 04:17	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 04:17	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 04:17	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 04:17	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 04:17	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 04:17	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 04:17	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 04:17	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 04:17	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 04:17	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 04:17	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 04:17	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 04:17	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 04:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	115		76 - 130		05/06/25 04:17	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-28

Lab Sample ID: 310-305453-10

Date Collected: 04/30/25 14:07

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		05/06/25 04:17	1
4-Bromofluorobenzene (Surr)	98		80 - 120		05/06/25 04:17	1

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	274		10.0	4.20	mg/L			05/08/25 21:18	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/08/25 19:18	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 19:18	1
Barium	0.0369		0.00200	0.000660	mg/L		05/06/25 09:00	05/08/25 19:18	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/09/25 13:45	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/06/25 09:00	05/08/25 19:18	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/08/25 19:18	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		05/06/25 09:00	05/08/25 19:18	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/08/25 19:18	1
Iron	<0.0500		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 19:18	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/08/25 19:18	1
Manganese	<0.00360		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:45	1
Nickel	0.00413	J	0.00500	0.00230	mg/L		05/06/25 09:00	05/08/25 19:18	1
Selenium	0.00157	J	0.00500	0.00140	mg/L		05/06/25 09:00	05/08/25 19:18	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/08/25 19:18	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/08/25 19:18	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/06/25 09:00	05/08/25 19:18	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/08/25 19:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.61		1.00	0.500	mg/L			05/07/25 05:54	1
Total Suspended Solids (USGS I-3765-85)	2.50		1.88	1.31	mg/L			05/03/25 08:13	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: TB-1

Lab Sample ID: 310-305453-11

Date Collected: 04/30/25 08:00

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 11:47	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 11:47	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 11:47	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 11:47	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 11:47	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 11:47	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 11:47	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 11:47	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 11:47	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 11:47	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 11:47	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 11:47	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 11:47	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 11:47	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 11:47	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 11:47	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 11:47	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 11:47	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 11:47	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 11:47	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 11:47	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 11:47	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 11:47	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 11:47	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 11:47	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 11:47	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 11:47	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 11:47	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 11:47	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 11:47	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 11:47	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 11:47	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 11:47	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 11:47	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 11:47	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 11:47	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 11:47	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 11:47	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 11:47	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 11:47	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 11:47	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 11:47	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 11:47	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 11:47	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 11:47	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 11:47	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		80 - 120		05/06/25 11:47	1

Eurofins Cedar Falls

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: TB-1

Lab Sample ID: 310-305453-11

Date Collected: 04/30/25 08:00

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Dibromofluoromethane (Surr)	116		76 - 130		05/06/25 11:47	1
Toluene-d8 (Surr)	93		80 - 120		05/06/25 11:47	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-20

Lab Sample ID: 310-305453-12

Date Collected: 04/30/25 10:01

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	450		10.0	4.20	mg/L			05/08/25 21:32	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0167		0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 18:57	1
Iron	14.6		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 18:57	1
Manganese	1.85		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	7.03		1.00	0.500	mg/L			05/07/25 07:42	1
Total Suspended Solids (USGS I-3765-85)	30.5		2.50	1.75	mg/L			05/03/25 08:13	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-21

Lab Sample ID: 310-305453-13

Date Collected: 04/30/25 10:46

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	264		10.0	4.20	mg/L			05/08/25 21:46	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00610		0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 19:20	1
Iron	11.3		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 19:20	1
Manganese	3.60		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	11.1		1.00	0.500	mg/L			05/07/25 08:18	1
Total Suspended Solids (USGS I-3765-85)	26.8		2.50	1.75	mg/L			05/03/25 08:13	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-26

Lab Sample ID: 310-305453-14

Date Collected: 04/30/25 08:59

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	270		10.0	4.20	mg/L			05/08/25 22:00	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00473		0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 18:54	1
Iron	17.8		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 18:54	1
Manganese	4.37		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.84		1.00	0.500	mg/L			05/07/25 08:54	1
Total Suspended Solids (USGS I-3765-85)	27.5		7.50	5.25	mg/L			05/02/25 14:41	1

Client Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-27

Lab Sample ID: 310-305453-15

Date Collected: 04/30/25 12:22

Matrix: Water

Date Received: 05/01/25 16:05

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	77.5		10.0	4.20	mg/L			05/08/25 22:13	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00239		0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 18:45	1
Iron	3.84		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 18:45	1
Manganese	3.20		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	8.34		1.00	0.500	mg/L			05/07/25 09:30	1
Total Suspended Solids (USGS I-3765-85)	9.50		3.75	2.63	mg/L			05/02/25 14:41	1

Definitions/Glossary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DBFM (76-130)	TOL (80-120)	BFB (80-120)
310-305453-1	MW-1	120	92	96
310-305453-2	MW-9B	116	92	103
310-305453-3	MW-12	118	95	98
310-305453-4	MW-17	119	93	98
310-305453-5	MW-18	119	91	95
310-305453-6	Dup-1	117	94	98
310-305453-7	MW-2AR	116	94	99
310-305453-8	MW-5AR	124	93	102
310-305453-9	MW-6A	118	94	97
310-305453-10	MW-28	115	93	98
310-305453-11	TB-1	116	93	96
LCS 310-453663/7	Lab Control Sample	97	99	102
LCS 310-453663/8	Lab Control Sample	114	96	96
LCS 310-453665/7	Lab Control Sample	104	99	102
LCS 310-453665/8	Lab Control Sample	118	95	99
MB 310-453663/6	Method Blank	115	93	97
MB 310-453665/6	Method Blank	113	92	96

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-453663/6

Matrix: Water

Analysis Batch: 453663

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/05/25 21:30	1
Acetone	<3.10		10.0	3.10	ug/L			05/05/25 21:30	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/05/25 21:30	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/05/25 21:30	1
Benzene	<0.220		0.500	0.220	ug/L			05/05/25 21:30	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/05/25 21:30	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/05/25 21:30	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/05/25 21:30	1
Bromoform	<0.780		5.00	0.780	ug/L			05/05/25 21:30	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/05/25 21:30	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/05/25 21:30	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/05/25 21:30	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/05/25 21:30	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/05/25 21:30	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/05/25 21:30	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/05/25 21:30	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/05/25 21:30	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/05/25 21:30	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/05/25 21:30	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/05/25 21:30	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/05/25 21:30	1
Chloroform	<1.30		3.00	1.30	ug/L			05/05/25 21:30	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/05/25 21:30	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/05/25 21:30	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/05/25 21:30	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/05/25 21:30	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/05/25 21:30	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/05/25 21:30	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/05/25 21:30	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/05/25 21:30	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/05/25 21:30	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/05/25 21:30	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/05/25 21:30	1
Styrene	<0.370		1.00	0.370	ug/L			05/05/25 21:30	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/05/25 21:30	1
Toluene	<0.430		1.00	0.430	ug/L			05/05/25 21:30	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/05/25 21:30	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/05/25 21:30	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/05/25 21:30	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/05/25 21:30	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/05/25 21:30	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/05/25 21:30	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/05/25 21:30	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/05/25 21:30	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/05/25 21:30	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/05/25 21:30	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/05/25 21:30	1

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-453663/6

Matrix: Water

Analysis Batch: 453663

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	115		76 - 130		05/05/25 21:30	1
Toluene-d8 (Surr)	93		80 - 120		05/05/25 21:30	1
4-Bromofluorobenzene (Surr)	97		80 - 120		05/05/25 21:30	1

Lab Sample ID: LCS 310-453663/7

Matrix: Water

Analysis Batch: 453663

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	40.0	38.44		ug/L		96	60 - 134
Acetone	40.0	41.51		ug/L		104	59 - 136
Acrylonitrile	200	197.6		ug/L		99	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	19.79		ug/L		99	62 - 132
Benzene	20.0	19.15		ug/L		96	71 - 125
1,2-Dibromoethane (EDB)	20.0	17.38		ug/L		87	74 - 122
Bromochloromethane	20.0	19.55		ug/L		98	69 - 131
Bromodichloromethane	20.0	18.50		ug/L		93	70 - 122
Bromoform	20.0	17.52		ug/L		88	62 - 122
1,2-Dichlorobenzene	20.0	19.09		ug/L		95	74 - 120
1,4-Dichlorobenzene	20.0	18.24		ug/L		91	72 - 120
Carbon disulfide	20.0	20.65		ug/L		103	58 - 137
1,1-Dichloroethane	20.0	20.20		ug/L		101	69 - 127
Carbon tetrachloride	20.0	20.85		ug/L		104	63 - 136
1,2-Dichloroethane	20.0	20.41		ug/L		102	68 - 125
Chlorobenzene	20.0	18.43		ug/L		92	74 - 120
1,1-Dichloroethene	20.0	21.09		ug/L		105	64 - 134
Chlorodibromomethane	20.0	16.74		ug/L		84	69 - 121
1,2-Dichloropropane	20.0	19.46		ug/L		97	72 - 128
Chloroform	20.0	20.89		ug/L		104	72 - 122
2-Hexanone	40.0	37.54		ug/L		94	62 - 139
cis-1,2-Dichloroethene	20.0	19.48		ug/L		97	72 - 123
cis-1,3-Dichloropropene	20.0	17.27		ug/L		86	72 - 123
4-Methyl-2-pentanone (MIBK)	40.0	39.19		ug/L		98	62 - 136
Dibromomethane	20.0	20.12		ug/L		101	72 - 122
Ethylbenzene	20.0	19.37		ug/L		97	75 - 120
Iodomethane	20.0	11.40		ug/L		57	18 - 150
1,1,1,2-Tetrachloroethane	20.0	18.31		ug/L		92	70 - 121
Methylene Chloride	20.0	20.05		ug/L		100	72 - 128
1,1,2,2-Tetrachloroethane	20.0	17.65		ug/L		88	70 - 122
Styrene	20.0	17.18		ug/L		86	74 - 122
Tetrachloroethene	20.0	19.12		ug/L		96	70 - 128
Toluene	20.0	19.96		ug/L		100	74 - 120
trans-1,2-Dichloroethene	20.0	20.34		ug/L		102	67 - 127
trans-1,3-Dichloropropene	20.0	17.05		ug/L		85	67 - 123
trans-1,4-Dichloro-2-butene	20.0	17.69		ug/L		88	50 - 150
1,1,1-Trichloroethane	20.0	20.01		ug/L		100	69 - 130
1,1,2-Trichloroethane	20.0	18.28		ug/L		91	75 - 121
Trichloroethene	20.0	17.55		ug/L		88	70 - 128

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-453663/7

Matrix: Water

Analysis Batch: 453663

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	20.0	17.57		ug/L		88	70 - 122
Vinyl acetate	40.0	32.55		ug/L		81	50 - 150
Xylenes, Total	40.0	38.43		ug/L		96	74 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	97		76 - 130
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120

Lab Sample ID: LCS 310-453663/8

Matrix: Water

Analysis Batch: 453663

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	14.37		ug/L		72	33 - 138
Chloroethane	20.0	17.11		ug/L		86	59 - 139
Chloromethane	20.0	16.99		ug/L		85	52 - 146
Trichlorofluoromethane	20.0	17.38		ug/L		87	55 - 150
Vinyl chloride	20.0	16.56		ug/L		83	60 - 142

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	114		76 - 130
Toluene-d8 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	96		80 - 120

Lab Sample ID: MB 310-453665/6

Matrix: Water

Analysis Batch: 453665

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			05/06/25 08:47	1
Acetone	<3.10		10.0	3.10	ug/L			05/06/25 08:47	1
Acrylonitrile	<2.20		10.0	2.20	ug/L			05/06/25 08:47	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/06/25 08:47	1
Benzene	<0.220		0.500	0.220	ug/L			05/06/25 08:47	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/06/25 08:47	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			05/06/25 08:47	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			05/06/25 08:47	1
Bromoform	<0.780		5.00	0.780	ug/L			05/06/25 08:47	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			05/06/25 08:47	1
Bromomethane	<1.10		4.00	1.10	ug/L			05/06/25 08:47	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			05/06/25 08:47	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			05/06/25 08:47	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			05/06/25 08:47	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			05/06/25 08:47	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			05/06/25 08:47	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			05/06/25 08:47	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			05/06/25 08:47	1

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-453665/6

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 453665

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			05/06/25 08:47	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			05/06/25 08:47	1
Chloroethane	<0.790		4.00	0.790	ug/L			05/06/25 08:47	1
Chloroform	<1.30		3.00	1.30	ug/L			05/06/25 08:47	1
2-Hexanone	<2.00		10.0	2.00	ug/L			05/06/25 08:47	1
Chloromethane	<0.610		3.00	0.610	ug/L			05/06/25 08:47	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			05/06/25 08:47	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			05/06/25 08:47	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			05/06/25 08:47	1
Dibromomethane	<0.330		1.00	0.330	ug/L			05/06/25 08:47	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			05/06/25 08:47	1
Iodomethane	<7.00		10.0	7.00	ug/L			05/06/25 08:47	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			05/06/25 08:47	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			05/06/25 08:47	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			05/06/25 08:47	1
Styrene	<0.370		1.00	0.370	ug/L			05/06/25 08:47	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			05/06/25 08:47	1
Toluene	<0.430		1.00	0.430	ug/L			05/06/25 08:47	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			05/06/25 08:47	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			05/06/25 08:47	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			05/06/25 08:47	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			05/06/25 08:47	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			05/06/25 08:47	1
Trichloroethene	<0.430		1.00	0.430	ug/L			05/06/25 08:47	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			05/06/25 08:47	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			05/06/25 08:47	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			05/06/25 08:47	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			05/06/25 08:47	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			05/06/25 08:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	113		76 - 130		05/06/25 08:47	1
Toluene-d8 (Surr)	92		80 - 120		05/06/25 08:47	1
4-Bromofluorobenzene (Surr)	96		80 - 120		05/06/25 08:47	1

Lab Sample ID: LCS 310-453665/7

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 453665

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	40.0	36.25		ug/L		91	60 - 134
Acetone	40.0	45.04		ug/L		113	59 - 136
Acrylonitrile	200	202.5		ug/L		101	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	18.33		ug/L		92	62 - 132
Benzene	20.0	19.90		ug/L		100	71 - 125
1,2-Dibromoethane (EDB)	20.0	16.95		ug/L		85	74 - 122
Bromochloromethane	20.0	21.31		ug/L		107	69 - 131
Bromodichloromethane	20.0	18.54		ug/L		93	70 - 122

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-453665/7

Matrix: Water

Analysis Batch: 453665

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	20.0	17.03		ug/L		85	62 - 122
1,2-Dichlorobenzene	20.0	18.47		ug/L		92	74 - 120
1,4-Dichlorobenzene	20.0	17.92		ug/L		90	72 - 120
Carbon disulfide	20.0	21.68		ug/L		108	58 - 137
1,1-Dichloroethane	20.0	20.68		ug/L		103	69 - 127
Carbon tetrachloride	20.0	21.00		ug/L		105	63 - 136
1,2-Dichloroethane	20.0	20.04		ug/L		100	68 - 125
Chlorobenzene	20.0	18.21		ug/L		91	74 - 120
1,1-Dichloroethene	20.0	22.03		ug/L		110	64 - 134
Chlorodibromomethane	20.0	17.44		ug/L		87	69 - 121
1,2-Dichloropropane	20.0	19.82		ug/L		99	72 - 128
Chloroform	20.0	20.90		ug/L		105	72 - 122
2-Hexanone	40.0	35.80		ug/L		89	62 - 139
cis-1,2-Dichloroethene	20.0	20.07		ug/L		100	72 - 123
cis-1,3-Dichloropropene	20.0	16.80		ug/L		84	72 - 123
4-Methyl-2-pentanone (MIBK)	40.0	37.92		ug/L		95	62 - 136
Dibromomethane	20.0	20.71		ug/L		104	72 - 122
Ethylbenzene	20.0	18.98		ug/L		95	75 - 120
Iodomethane	20.0	12.15		ug/L		61	18 - 150
1,1,1,2-Tetrachloroethane	20.0	18.47		ug/L		92	70 - 121
Methylene Chloride	20.0	21.12		ug/L		106	72 - 128
1,1,2,2-Tetrachloroethane	20.0	17.18		ug/L		86	70 - 122
Styrene	20.0	16.84		ug/L		84	74 - 122
Tetrachloroethene	20.0	19.82		ug/L		99	70 - 128
Toluene	20.0	20.52		ug/L		103	74 - 120
trans-1,2-Dichloroethene	20.0	20.60		ug/L		103	67 - 127
trans-1,3-Dichloropropene	20.0	16.72		ug/L		84	67 - 123
trans-1,4-Dichloro-2-butene	20.0	16.10		ug/L		80	50 - 150
1,1,1-Trichloroethane	20.0	20.09		ug/L		100	69 - 130
1,1,2-Trichloroethane	20.0	17.99		ug/L		90	75 - 121
Trichloroethene	20.0	17.90		ug/L		90	70 - 128
1,2,3-Trichloropropane	20.0	16.84		ug/L		84	70 - 122
Vinyl acetate	40.0	30.23		ug/L		76	50 - 150
Xylenes, Total	40.0	37.95		ug/L		95	74 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	104		76 - 130
Toluene-d8 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120

Lab Sample ID: LCS 310-453665/8

Matrix: Water

Analysis Batch: 453665

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	14.23		ug/L		71	33 - 138
Chloroethane	20.0	17.59		ug/L		88	59 - 139
Chloromethane	20.0	18.22		ug/L		91	52 - 146

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-453665/8

Matrix: Water

Analysis Batch: 453665

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichlorofluoromethane	20.0	17.62		ug/L		88	55 - 150
Vinyl chloride	20.0	16.96		ug/L		85	60 - 142

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	118		76 - 130
Toluene-d8 (Surr)	95		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 310-454391/3

Matrix: Water

Analysis Batch: 454391

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.420		1.00	0.420	mg/L			05/08/25 17:32	1

Lab Sample ID: LCS 310-454391/4

Matrix: Water

Analysis Batch: 454391

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.03		mg/L		100	90 - 110

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-453743/1-A

Matrix: Water

Analysis Batch: 454092

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 453743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/07/25 14:24	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		05/06/25 09:00	05/07/25 14:24	1
Barium	<0.000660		0.00200	0.000660	mg/L		05/06/25 09:00	05/07/25 14:24	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/07/25 14:24	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/06/25 09:00	05/07/25 14:24	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/07/25 14:24	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		05/06/25 09:00	05/07/25 14:24	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/07/25 14:24	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/07/25 14:24	1
Nickel	<0.00230		0.00500	0.00230	mg/L		05/06/25 09:00	05/07/25 14:24	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/06/25 09:00	05/07/25 14:24	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/07/25 14:24	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/07/25 14:24	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/06/25 09:00	05/07/25 14:24	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/07/25 14:24	1
Iron	<0.0500		0.100	0.0500	mg/L		05/06/25 09:00	05/07/25 14:24	1
Manganese	<0.00360		0.0100	0.00360	mg/L		05/06/25 09:00	05/07/25 14:24	1

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 310-453743/1-A

Matrix: Water

Analysis Batch: 454186

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 453743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/08/25 13:51	1

Lab Sample ID: LCS 310-453743/2-A

Matrix: Water

Analysis Batch: 454092

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 453743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2156		mg/L		108	80 - 120
Arsenic	0.200	0.2204		mg/L		110	80 - 120
Barium	0.100	0.1061		mg/L		106	80 - 120
Beryllium	0.100	0.1008		mg/L		101	80 - 120
Cadmium	0.100	0.1044		mg/L		104	80 - 120
Chromium	0.100	0.1076		mg/L		108	80 - 120
Cobalt	0.100	0.1092		mg/L		109	80 - 120
Copper	0.200	0.2138		mg/L		107	80 - 120
Lead	0.200	0.2189		mg/L		109	80 - 120
Nickel	0.200	0.2118		mg/L		106	80 - 120
Selenium	0.400	0.4096		mg/L		102	80 - 120
Silver	0.100	0.1175		mg/L		117	80 - 120
Thallium	0.100	0.08876		mg/L		89	80 - 120
Vanadium	0.100	0.1057		mg/L		106	80 - 120
Zinc	0.200	0.2078		mg/L		104	80 - 120
Iron	0.200	0.2157		mg/L		108	80 - 120
Manganese	0.100	0.1006		mg/L		101	80 - 120

Lab Sample ID: LCS 310-453743/2-A

Matrix: Water

Analysis Batch: 454186

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 453743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.100	0.1109		mg/L		111	80 - 120

Lab Sample ID: MB 310-453744/1-A

Matrix: Water

Analysis Batch: 454230

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 453744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		05/06/25 09:00	05/08/25 18:40	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		05/06/25 09:00	05/08/25 18:40	1
Barium	<0.000660		0.00200	0.000660	mg/L		05/06/25 09:00	05/08/25 18:40	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/06/25 09:00	05/08/25 18:40	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/06/25 09:00	05/08/25 18:40	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		05/06/25 09:00	05/08/25 18:40	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/06/25 09:00	05/08/25 18:40	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/06/25 09:00	05/08/25 18:40	1
Nickel	<0.00230		0.00500	0.00230	mg/L		05/06/25 09:00	05/08/25 18:40	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/06/25 09:00	05/08/25 18:40	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/06/25 09:00	05/08/25 18:40	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/06/25 09:00	05/08/25 18:40	1

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 310-453744/1-A

Matrix: Water

Analysis Batch: 454230

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 453744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/06/25 09:00	05/08/25 18:40	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/06/25 09:00	05/08/25 18:40	1
Iron	<0.0500		0.100	0.0500	mg/L		05/06/25 09:00	05/08/25 18:40	1

Lab Sample ID: MB 310-453744/1-A

Matrix: Water

Analysis Batch: 454330

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 453744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/06/25 09:00	05/09/25 13:04	1
Manganese	<0.00360		0.0100	0.00360	mg/L		05/06/25 09:00	05/09/25 13:04	1

Lab Sample ID: LCS 310-453744/2-A

Matrix: Water

Analysis Batch: 454230

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 453744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.1982		mg/L		99	80 - 120
Arsenic	0.200	0.1849		mg/L		92	80 - 120
Barium	0.100	0.09421		mg/L		94	80 - 120
Cadmium	0.100	0.09033		mg/L		90	80 - 120
Chromium	0.100	0.08995		mg/L		90	80 - 120
Cobalt	0.100	0.09297		mg/L		93	80 - 120
Copper	0.200	0.1812		mg/L		91	80 - 120
Lead	0.200	0.1972		mg/L		99	80 - 120
Nickel	0.200	0.1819		mg/L		91	80 - 120
Selenium	0.400	0.3472		mg/L		87	80 - 120
Silver	0.100	0.1092		mg/L		109	80 - 120
Thallium	0.100	0.08184		mg/L		82	80 - 120
Vanadium	0.100	0.08908		mg/L		89	80 - 120
Zinc	0.200	0.1884		mg/L		94	80 - 120
Iron	0.200	0.1866		mg/L		93	80 - 120

Lab Sample ID: LCS 310-453744/2-A

Matrix: Water

Analysis Batch: 454330

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 453744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.100	0.08755		mg/L		88	80 - 120
Manganese	0.100	0.09120		mg/L		91	80 - 120

Lab Sample ID: 310-305453-15 MS

Matrix: Water

Analysis Batch: 454230

Client Sample ID: MW-27

Prep Type: Total/NA

Prep Batch: 453744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.00106	J	0.200	0.2097		mg/L		104	75 - 125
Arsenic	0.00239		0.200	0.1986		mg/L		98	75 - 125
Barium	0.0945		0.100	0.1936		mg/L		99	75 - 125
Cadmium	<0.000100		0.100	0.09285		mg/L		93	75 - 125

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-305453-15 MS

Matrix: Water

Analysis Batch: 454230

Client Sample ID: MW-27

Prep Type: Total/NA

Prep Batch: 453744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	<0.00180		0.100	0.09424		mg/L		94	75 - 125
Cobalt	0.00812		0.100	0.1018		mg/L		94	75 - 125
Copper	<0.00320		0.200	0.1855		mg/L		93	75 - 125
Lead	<0.000330		0.200	0.2002		mg/L		100	75 - 125
Nickel	0.0179		0.200	0.2010		mg/L		92	75 - 125
Selenium	<0.00140		0.400	0.3520		mg/L		88	75 - 125
Silver	<0.000500		0.100	0.1083		mg/L		108	75 - 125
Thallium	<0.000570		0.100	0.08026		mg/L		80	75 - 125
Vanadium	<0.00170		0.100	0.09401		mg/L		94	75 - 125
Zinc	<0.0130		0.200	0.1978		mg/L		99	75 - 125
Iron	3.84		0.200	4.112	4	mg/L		138	75 - 125

Lab Sample ID: 310-305453-15 MS

Matrix: Water

Analysis Batch: 454330

Client Sample ID: MW-27

Prep Type: Total/NA

Prep Batch: 453744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.000330		0.100	0.1011		mg/L		101	75 - 125
Manganese	3.20		0.100	3.525	4	mg/L		321	75 - 125

Lab Sample ID: 310-305453-15 MSD

Matrix: Water

Analysis Batch: 454230

Client Sample ID: MW-27

Prep Type: Total/NA

Prep Batch: 453744

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.00106	J	0.200	0.2101		mg/L		105	75 - 125	0	20
Arsenic	0.00239		0.200	0.1971		mg/L		97	75 - 125	1	20
Barium	0.0945		0.100	0.1898		mg/L		95	75 - 125	2	20
Cadmium	<0.000100		0.100	0.09043		mg/L		90	75 - 125	3	20
Chromium	<0.00180		0.100	0.09246		mg/L		92	75 - 125	2	20
Cobalt	0.00812		0.100	0.1005		mg/L		92	75 - 125	1	20
Copper	<0.00320		0.200	0.1831		mg/L		92	75 - 125	1	20
Lead	<0.000330		0.200	0.1985		mg/L		99	75 - 125	1	20
Nickel	0.0179		0.200	0.1993		mg/L		91	75 - 125	1	20
Selenium	<0.00140		0.400	0.3462		mg/L		87	75 - 125	2	20
Silver	<0.000500		0.100	0.1121		mg/L		112	75 - 125	3	20
Thallium	<0.000570		0.100	0.07863		mg/L		79	75 - 125	2	20
Vanadium	<0.00170		0.100	0.09349		mg/L		93	75 - 125	1	20
Zinc	<0.0130		0.200	0.1961		mg/L		98	75 - 125	1	20
Iron	3.84		0.200	4.031	4	mg/L		97	75 - 125	2	20

Lab Sample ID: 310-305453-15 MSD

Matrix: Water

Analysis Batch: 454330

Client Sample ID: MW-27

Prep Type: Total/NA

Prep Batch: 453744

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.000330		0.100	0.09588		mg/L		96	75 - 125	5	20
Manganese	3.20		0.100	3.390	4	mg/L		187	75 - 125	4	20

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-305453-13 DU

Matrix: Water

Analysis Batch: 454230

Client Sample ID: MW-21

Prep Type: Total/NA

Prep Batch: 453744

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.00610		0.006054		mg/L		0.7	20
Barium	0.259		0.2595		mg/L		0.3	20
Cadmium	<0.000100		<0.000100		mg/L		NC	20
Chromium	<0.00180		<0.00180		mg/L		NC	20
Cobalt	0.00276		0.002749		mg/L		0.5	20
Copper	<0.00320		<0.00320		mg/L		NC	20
Lead	<0.000330		<0.000330		mg/L		NC	20
Nickel	0.0160		0.01577		mg/L		1	20
Selenium	<0.00140		<0.00140		mg/L		NC	20
Silver	<0.000500		<0.000500		mg/L		NC	20
Thallium	<0.000570		<0.000570		mg/L		NC	20
Vanadium	<0.00170		<0.00170		mg/L		NC	20
Zinc	<0.0130		<0.0130		mg/L		NC	20
Iron	11.3		11.30		mg/L		0.2	20

Lab Sample ID: 310-305453-13 DU

Matrix: Water

Analysis Batch: 454330

Client Sample ID: MW-21

Prep Type: Total/NA

Prep Batch: 453744

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Beryllium	<0.000330		<0.000330		mg/L		NC	20
Manganese	3.60		3.600		mg/L		0	20

Lab Sample ID: MB 310-454185/1-A

Matrix: Water

Analysis Batch: 454355

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 454185

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	<0.00100		0.00200	0.00100	mg/L		05/09/25 07:15	05/09/25 13:46	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		05/09/25 07:15	05/09/25 13:46	1
Barium	<0.000660		0.00200	0.000660	mg/L		05/09/25 07:15	05/09/25 13:46	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		05/09/25 07:15	05/09/25 13:46	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		05/09/25 07:15	05/09/25 13:46	1
Chromium	<0.00180		0.00500	0.00180	mg/L		05/09/25 07:15	05/09/25 13:46	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		05/09/25 07:15	05/09/25 13:46	1
Copper	<0.00320		0.00500	0.00320	mg/L		05/09/25 07:15	05/09/25 13:46	1
Lead	<0.000330		0.000500	0.000330	mg/L		05/09/25 07:15	05/09/25 13:46	1
Nickel	<0.00230		0.00500	0.00230	mg/L		05/09/25 07:15	05/09/25 13:46	1
Selenium	<0.00140		0.00500	0.00140	mg/L		05/09/25 07:15	05/09/25 13:46	1
Silver	<0.000500		0.00100	0.000500	mg/L		05/09/25 07:15	05/09/25 13:46	1
Thallium	<0.000570		0.00100	0.000570	mg/L		05/09/25 07:15	05/09/25 13:46	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		05/09/25 07:15	05/09/25 13:46	1
Zinc	<0.0130		0.0200	0.0130	mg/L		05/09/25 07:15	05/09/25 13:46	1
Iron	<0.0500		0.100	0.0500	mg/L		05/09/25 07:15	05/09/25 13:46	1
Manganese	<0.00360		0.0100	0.00360	mg/L		05/09/25 07:15	05/09/25 13:46	1

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-454185/2-A

Matrix: Water

Analysis Batch: 454355

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 454185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Antimony	0.200	0.1989		mg/L		99	80 - 120	
Arsenic	0.200	0.1959		mg/L		98	80 - 120	
Barium	0.100	0.1002		mg/L		100	80 - 120	
Beryllium	0.100	0.09350		mg/L		93	80 - 120	
Cadmium	0.100	0.09641		mg/L		96	80 - 120	
Chromium	0.100	0.09606		mg/L		96	80 - 120	
Cobalt	0.100	0.09746		mg/L		97	80 - 120	
Copper	0.200	0.1938		mg/L		97	80 - 120	
Lead	0.200	0.1979		mg/L		99	80 - 120	
Nickel	0.200	0.1940		mg/L		97	80 - 120	
Selenium	0.400	0.3661		mg/L		92	80 - 120	
Silver	0.100	0.1133		mg/L		113	80 - 120	
Thallium	0.100	0.08950		mg/L		89	80 - 120	
Vanadium	0.100	0.09403		mg/L		94	80 - 120	
Zinc	0.200	0.1882		mg/L		94	80 - 120	
Iron	0.200	0.1983		mg/L		99	80 - 120	
Manganese	0.100	0.09406		mg/L		94	80 - 120	

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 310-453995/15

Matrix: Water

Analysis Batch: 453995

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon	<0.500		1.00	0.500	mg/L			05/06/25 17:17	1

Lab Sample ID: LCS 310-453995/16

Matrix: Water

Analysis Batch: 453995

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Total Organic Carbon	9.99	10.43		mg/L		104	85 - 115	

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-453555/1

Matrix: Water

Analysis Batch: 453555

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	<3.50		5.00	3.50	mg/L			05/02/25 14:41	1

Lab Sample ID: LCS 310-453555/2

Matrix: Water

Analysis Batch: 453555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Total Suspended Solids	100	99.00		mg/L		99	81 - 116	

Eurofins Cedar Falls

QC Sample Results

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: MB 310-453616/1

Matrix: Water

Analysis Batch: 453616

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			05/03/25 08:13	1

Lab Sample ID: LCS 310-453616/2

Matrix: Water

Analysis Batch: 453616

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	93.00		mg/L		93	81 - 116

Lab Sample ID: MB 310-453619/1

Matrix: Water

Analysis Batch: 453619

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			05/03/25 09:16	1

Lab Sample ID: LCS 310-453619/2

Matrix: Water

Analysis Batch: 453619

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	94.00		mg/L		94	81 - 116

Lab Sample ID: MB 310-453623/1

Matrix: Water

Analysis Batch: 453623

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			05/03/25 10:33	1

Lab Sample ID: LCS 310-453623/2

Matrix: Water

Analysis Batch: 453623

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	89.00		mg/L		89	81 - 116

Eurofins Cedar Falls

QC Association Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

GC/MS VOA

Analysis Batch: 453663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-3	MW-12	Total/NA	Water	8260D	
310-305453-4	MW-17	Total/NA	Water	8260D	
310-305453-5	MW-18	Total/NA	Water	8260D	
310-305453-6	Dup-1	Total/NA	Water	8260D	
310-305453-7	MW-2AR	Total/NA	Water	8260D	
310-305453-8	MW-5AR	Total/NA	Water	8260D	
310-305453-9	MW-6A	Total/NA	Water	8260D	
310-305453-10	MW-28	Total/NA	Water	8260D	
MB 310-453663/6	Method Blank	Total/NA	Water	8260D	
LCS 310-453663/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-453663/8	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 453665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-1	MW-1	Total/NA	Water	8260D	
310-305453-2	MW-9B	Total/NA	Water	8260D	
310-305453-11	TB-1	Total/NA	Water	8260D	
MB 310-453665/6	Method Blank	Total/NA	Water	8260D	
LCS 310-453665/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-453665/8	Lab Control Sample	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 454391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-7	MW-2AR	Total/NA	Water	9056A	
310-305453-8	MW-5AR	Total/NA	Water	9056A	
310-305453-9	MW-6A	Total/NA	Water	9056A	
310-305453-10	MW-28	Total/NA	Water	9056A	
310-305453-12	MW-20	Total/NA	Water	9056A	
310-305453-13	MW-21	Total/NA	Water	9056A	
310-305453-14	MW-26	Total/NA	Water	9056A	
310-305453-15	MW-27	Total/NA	Water	9056A	
MB 310-454391/3	Method Blank	Total/NA	Water	9056A	
LCS 310-454391/4	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 453743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-4	MW-17	Total/NA	Water	3005A	
310-305453-6	Dup-1	Total/NA	Water	3005A	
310-305453-8	MW-5AR	Total/NA	Water	3005A	
310-305453-9	MW-6A	Total/NA	Water	3005A	
MB 310-453743/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-453743/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 453744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-1	MW-1	Total/NA	Water	3005A	
310-305453-3	MW-12	Total/NA	Water	3005A	
310-305453-5	MW-18	Total/NA	Water	3005A	

Eurofins Cedar Falls

QC Association Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Metals (Continued)

Prep Batch: 453744 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-7	MW-2AR	Total/NA	Water	3005A	
310-305453-10	MW-28	Total/NA	Water	3005A	
310-305453-12	MW-20	Total/NA	Water	3005A	
310-305453-13	MW-21	Total/NA	Water	3005A	
310-305453-14	MW-26	Total/NA	Water	3005A	
310-305453-15	MW-27	Total/NA	Water	3005A	
MB 310-453744/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-453744/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-305453-15 MS	MW-27	Total/NA	Water	3005A	
310-305453-15 MSD	MW-27	Total/NA	Water	3005A	
310-305453-13 DU	MW-21	Total/NA	Water	3005A	

Analysis Batch: 454092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-4	MW-17	Total/NA	Water	6020B	453743
310-305453-6	Dup-1	Total/NA	Water	6020B	453743
310-305453-8	MW-5AR	Total/NA	Water	6020B	453743
310-305453-9	MW-6A	Total/NA	Water	6020B	453743
MB 310-453743/1-A	Method Blank	Total/NA	Water	6020B	453743
LCS 310-453743/2-A	Lab Control Sample	Total/NA	Water	6020B	453743

Prep Batch: 454185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-2	MW-9B	Total/NA	Water	3005A	
MB 310-454185/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-454185/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 454186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-4	MW-17	Total/NA	Water	6020B	453743
310-305453-9	MW-6A	Total/NA	Water	6020B	453743
MB 310-453743/1-A	Method Blank	Total/NA	Water	6020B	453743
LCS 310-453743/2-A	Lab Control Sample	Total/NA	Water	6020B	453743

Analysis Batch: 454230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-1	MW-1	Total/NA	Water	6020B	453744
310-305453-3	MW-12	Total/NA	Water	6020B	453744
310-305453-5	MW-18	Total/NA	Water	6020B	453744
310-305453-7	MW-2AR	Total/NA	Water	6020B	453744
310-305453-10	MW-28	Total/NA	Water	6020B	453744
310-305453-12	MW-20	Total/NA	Water	6020B	453744
310-305453-13	MW-21	Total/NA	Water	6020B	453744
310-305453-14	MW-26	Total/NA	Water	6020B	453744
310-305453-15	MW-27	Total/NA	Water	6020B	453744
MB 310-453744/1-A	Method Blank	Total/NA	Water	6020B	453744
LCS 310-453744/2-A	Lab Control Sample	Total/NA	Water	6020B	453744
310-305453-15 MS	MW-27	Total/NA	Water	6020B	453744
310-305453-15 MSD	MW-27	Total/NA	Water	6020B	453744
310-305453-13 DU	MW-21	Total/NA	Water	6020B	453744

Eurofins Cedar Falls

QC Association Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Metals

Analysis Batch: 454330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-1	MW-1	Total/NA	Water	6020B	453744
310-305453-3	MW-12	Total/NA	Water	6020B	453744
310-305453-5	MW-18	Total/NA	Water	6020B	453744
310-305453-7	MW-2AR	Total/NA	Water	6020B	453744
310-305453-10	MW-28	Total/NA	Water	6020B	453744
310-305453-12	MW-20	Total/NA	Water	6020B	453744
310-305453-13	MW-21	Total/NA	Water	6020B	453744
310-305453-14	MW-26	Total/NA	Water	6020B	453744
310-305453-15	MW-27	Total/NA	Water	6020B	453744
MB 310-453744/1-A	Method Blank	Total/NA	Water	6020B	453744
LCS 310-453744/2-A	Lab Control Sample	Total/NA	Water	6020B	453744
310-305453-15 MS	MW-27	Total/NA	Water	6020B	453744
310-305453-15 MSD	MW-27	Total/NA	Water	6020B	453744
310-305453-13 DU	MW-21	Total/NA	Water	6020B	453744

Analysis Batch: 454355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-2	MW-9B	Total/NA	Water	6020B	454185
MB 310-454185/1-A	Method Blank	Total/NA	Water	6020B	454185
LCS 310-454185/2-A	Lab Control Sample	Total/NA	Water	6020B	454185

General Chemistry

Analysis Batch: 453555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-14	MW-26	Total/NA	Water	I-3765-85	
310-305453-15	MW-27	Total/NA	Water	I-3765-85	
MB 310-453555/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-453555/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 453616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-1	MW-1	Total/NA	Water	I-3765-85	
310-305453-3	MW-12	Total/NA	Water	I-3765-85	
310-305453-10	MW-28	Total/NA	Water	I-3765-85	
310-305453-12	MW-20	Total/NA	Water	I-3765-85	
310-305453-13	MW-21	Total/NA	Water	I-3765-85	
MB 310-453616/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-453616/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 453619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-2	MW-9B	Total/NA	Water	I-3765-85	
310-305453-4	MW-17	Total/NA	Water	I-3765-85	
310-305453-6	Dup-1	Total/NA	Water	I-3765-85	
310-305453-7	MW-2AR	Total/NA	Water	I-3765-85	
310-305453-8	MW-5AR	Total/NA	Water	I-3765-85	
310-305453-9	MW-6A	Total/NA	Water	I-3765-85	
MB 310-453619/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-453619/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Eurofins Cedar Falls

QC Association Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

General Chemistry

Analysis Batch: 453623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-5	MW-18	Total/NA	Water	I-3765-85	
MB 310-453623/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-453623/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 453995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-305453-7	MW-2AR	Total/NA	Water	9060A	
310-305453-8	MW-5AR	Total/NA	Water	9060A	
310-305453-9	MW-6A	Total/NA	Water	9060A	
310-305453-10	MW-28	Total/NA	Water	9060A	
310-305453-12	MW-20	Total/NA	Water	9060A	
310-305453-13	MW-21	Total/NA	Water	9060A	
310-305453-14	MW-26	Total/NA	Water	9060A	
310-305453-15	MW-27	Total/NA	Water	9060A	
MB 310-453995/15	Method Blank	Total/NA	Water	9060A	
LCS 310-453995/16	Lab Control Sample	Total/NA	Water	9060A	

Lab Chronicle

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Client Sample ID: MW-1

Lab Sample ID: 310-305453-1

Date Collected: 04/30/25 12:15

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453665	WSE8	EET CF	05/06/25 13:18
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454230	NFT2	EET CF	05/08/25 19:08
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454330	NFT2	EET CF	05/09/25 13:31
Total/NA	Analysis	I-3765-85		1	453616	XJ7V	EET CF	05/03/25 08:13

Client Sample ID: MW-9B

Lab Sample ID: 310-305453-2

Date Collected: 04/30/25 13:07

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453665	WSE8	EET CF	05/06/25 13:40
Total/NA	Prep	3005A			454185	Y3EC	EET CF	05/09/25 07:15
Total/NA	Analysis	6020B		1	454355	ZRI4	EET CF	05/09/25 14:33
Total/NA	Analysis	I-3765-85		1	453619	XJ7V	EET CF	05/03/25 09:16

Client Sample ID: MW-12

Lab Sample ID: 310-305453-3

Date Collected: 04/30/25 11:25

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453663	WSE8	EET CF	05/06/25 01:39
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454230	NFT2	EET CF	05/08/25 19:06
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454330	NFT2	EET CF	05/09/25 13:28
Total/NA	Analysis	I-3765-85		1	453616	XJ7V	EET CF	05/03/25 08:13

Client Sample ID: MW-17

Lab Sample ID: 310-305453-4

Date Collected: 04/30/25 13:13

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453663	WSE8	EET CF	05/06/25 02:01
Total/NA	Prep	3005A			453743	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454092	NFT2	EET CF	05/07/25 15:23
Total/NA	Prep	3005A			453743	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454186	NFT2	EET CF	05/08/25 14:19
Total/NA	Analysis	I-3765-85		1	453619	XJ7V	EET CF	05/03/25 09:16

Eurofins Cedar Falls

Lab Chronicle

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Client Sample ID: MW-18

Lab Sample ID: 310-305453-5

Date Collected: 04/30/25 13:48

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453663	WSE8	EET CF	05/06/25 02:24
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454230	NFT2	EET CF	05/08/25 19:13
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454330	NFT2	EET CF	05/09/25 13:40
Total/NA	Analysis	I-3765-85		1	453623	XJ7V	EET CF	05/03/25 10:33

Client Sample ID: Dup-1

Lab Sample ID: 310-305453-6

Date Collected: 04/30/25 07:45

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453663	WSE8	EET CF	05/06/25 02:47
Total/NA	Prep	3005A			453743	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454092	NFT2	EET CF	05/07/25 14:57
Total/NA	Analysis	I-3765-85		1	453619	XJ7V	EET CF	05/03/25 09:16

Client Sample ID: MW-2AR

Lab Sample ID: 310-305453-7

Date Collected: 04/30/25 11:32

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453663	WSE8	EET CF	05/06/25 03:10
Total/NA	Analysis	9056A		10	454391	QTZ5	EET CF	05/08/25 20:36
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454230	NFT2	EET CF	05/08/25 19:11
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454330	NFT2	EET CF	05/09/25 13:33
Total/NA	Analysis	9060A		1	453995	HE7K	EET CF	05/07/25 04:06
Total/NA	Analysis	I-3765-85		1	453619	XJ7V	EET CF	05/03/25 09:16

Client Sample ID: MW-5AR

Lab Sample ID: 310-305453-8

Date Collected: 04/30/25 14:35

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453663	WSE8	EET CF	05/06/25 03:32
Total/NA	Analysis	9056A		10	454391	QTZ5	EET CF	05/08/25 20:50
Total/NA	Prep	3005A			453743	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454092	NFT2	EET CF	05/07/25 14:55
Total/NA	Analysis	9060A		1	453995	HE7K	EET CF	05/07/25 04:42
Total/NA	Analysis	I-3765-85		1	453619	XJ7V	EET CF	05/03/25 09:16

Eurofins Cedar Falls

Lab Chronicle

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Client Sample ID: MW-6A

Lab Sample ID: 310-305453-9

Date Collected: 04/30/25 15:20

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453663	WSE8	EET CF	05/06/25 03:55
Total/NA	Analysis	9056A		10	454391	QTZ5	EET CF	05/08/25 21:04
Total/NA	Prep	3005A			453743	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454092	NFT2	EET CF	05/07/25 15:21
Total/NA	Prep	3005A			453743	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454186	NFT2	EET CF	05/08/25 14:12
Total/NA	Analysis	9060A		1	453995	HE7K	EET CF	05/07/25 05:18
Total/NA	Analysis	I-3765-85		1	453619	XJ7V	EET CF	05/03/25 09:16

Client Sample ID: MW-28

Lab Sample ID: 310-305453-10

Date Collected: 04/30/25 14:07

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453663	WSE8	EET CF	05/06/25 04:17
Total/NA	Analysis	9056A		10	454391	QTZ5	EET CF	05/08/25 21:18
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454230	NFT2	EET CF	05/08/25 19:18
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454330	NFT2	EET CF	05/09/25 13:45
Total/NA	Analysis	9060A		1	453995	HE7K	EET CF	05/07/25 05:54
Total/NA	Analysis	I-3765-85		1	453616	XJ7V	EET CF	05/03/25 08:13

Client Sample ID: TB-1

Lab Sample ID: 310-305453-11

Date Collected: 04/30/25 08:00

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	453665	WSE8	EET CF	05/06/25 11:47

Client Sample ID: MW-20

Lab Sample ID: 310-305453-12

Date Collected: 04/30/25 10:01

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		10	454391	QTZ5	EET CF	05/08/25 21:32
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454230	NFT2	EET CF	05/08/25 18:57
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454330	NFT2	EET CF	05/09/25 13:24
Total/NA	Analysis	9060A		1	453995	HE7K	EET CF	05/07/25 07:42
Total/NA	Analysis	I-3765-85		1	453616	XJ7V	EET CF	05/03/25 08:13

Eurofins Cedar Falls

Lab Chronicle

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Client Sample ID: MW-21

Lab Sample ID: 310-305453-13

Date Collected: 04/30/25 10:46

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		10	454391	QTZ5	EET CF	05/08/25 21:46
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454230	NFT2	EET CF	05/08/25 19:20
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454330	NFT2	EET CF	05/09/25 13:47
Total/NA	Analysis	9060A		1	453995	HE7K	EET CF	05/07/25 08:18
Total/NA	Analysis	I-3765-85		1	453616	XJ7V	EET CF	05/03/25 08:13

Client Sample ID: MW-26

Lab Sample ID: 310-305453-14

Date Collected: 04/30/25 08:59

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		10	454391	QTZ5	EET CF	05/08/25 22:00
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454230	NFT2	EET CF	05/08/25 18:54
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454330	NFT2	EET CF	05/09/25 13:21
Total/NA	Analysis	9060A		1	453995	HE7K	EET CF	05/07/25 08:54
Total/NA	Analysis	I-3765-85		1	453555	HE7K	EET CF	05/02/25 14:41

Client Sample ID: MW-27

Lab Sample ID: 310-305453-15

Date Collected: 04/30/25 12:22

Matrix: Water

Date Received: 05/01/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		10	454391	QTZ5	EET CF	05/08/25 22:13
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454230	NFT2	EET CF	05/08/25 18:45
Total/NA	Prep	3005A			453744	QTZ5	EET CF	05/06/25 09:00
Total/NA	Analysis	6020B		1	454330	NFT2	EET CF	05/09/25 13:14
Total/NA	Analysis	9060A		1	453995	HE7K	EET CF	05/07/25 09:30
Total/NA	Analysis	I-3765-85		1	453555	HE7K	EET CF	05/02/25 14:41

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

Eurofins Cedar Falls

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Method Summary

Client: HDR Inc

Job ID: 310-305453-1

Project/Site: Metro Park West Landfill - Groundwater

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
9056A	Anions, Ion Chromatography	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
9060A	Organic Carbon, Total (TOC)	SW846	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401



Environment Testing
America



310-305453 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>HDR</u>			
City/State:	CITY <u>Omaha</u>	STATE <u>NE</u>	Project:
Receipt Information			
Date/Time Received:	DATE <u>5-1-25</u>	TIME <u>16:5</u>	Received By <u>PH</u>
Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☒ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?		☒ Yes ☐ No	If yes: Cooler ID: _____
Multiple Coolers?		☒ Yes ☐ No	If yes: Cooler # <u>1</u> of <u>3</u>
Cooler Custody Seals Present?		☐ Yes ☒ No	If yes: Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present?		☐ Yes ☒ No	If yes: Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?		☐ Yes ☒ No	If yes: Which VOA samples are in cooler? ↓ <u>MW-26, 28,</u>
Temperature Record			
Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE			
Thermometer ID: <u>AA</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>-0.2</u>		Corrected Temp (°C): <u>-0.2</u>	
• Sample Container Temperature			
Container(s) used:	CONTAINER 1		CONTAINER 2
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No a) If yes: Is there evidence that the chilling process began? ☐ Yes ☐ No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☒ No			
NOTE: If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			



Environment Testing
America

Place COC scanning label
here

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>HDR</u>			
City/State:	CITY <u>Omaha</u>	STATE <u>NE</u>	Project:
Receipt Information			
Date/Time Received:	DATE <u>5.1.25</u>	TIME <u>16.5</u>	Received By: <u>PH</u>
Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☒ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler? ☒ Yes ☐ No If yes: Cooler ID _____			
Multiple Coolers? ☒ Yes ☐ No If yes: Cooler # <u>2</u> of <u>3</u>			
Cooler Custody Seals Present? ☐ Yes ☒ No If yes: Cooler custody seals intact? ☐ Yes ☐ No			
Sample Custody Seals Present? ☐ Yes ☒ No If yes: Sample custody seals intact? ☐ Yes ☐ No			
Trip Blank Present? ☒ Yes ☐ No If yes: Which VOA samples are in cooler? ↓			
<u>MW-21, 1up-1, MW-1B, 20, 2AR, 27</u>			
Temperature Record			
Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE			
Thermometer ID: <u>AA</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>0.1</u>		Corrected Temp (°C): <u>0.1</u>	
• Sample Container Temperature			
Container(s) used:	CONTAINER 1		CONTAINER 2
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No a) If yes: Is there evidence that the chilling process began? ☐ Yes ☐ No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No			
NOTE: If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			



Environment Testing
America

Place COC scanning label
here

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>HDR</u>			
City/State:	CITY <u>Omaha</u>	STATE <u>NE</u>	Project:
Receipt Information			
Date/Time Received:	DATE <u>5-1-25</u>	TIME <u>16:05</u>	Received By <u>PH</u>
Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☒ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?		☒ Yes ☐ No	If yes: Cooler ID:
Multiple Coolers?		☒ Yes ☐ No	If yes: Cooler # <u>3</u> of <u>3</u>
Cooler Custody Seals Present?		☐ Yes ☒ No	If yes: Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present?		☐ Yes ☒ No	If yes: Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?		☐ Yes ☐ No	If yes: Which VOA samples are in cooler? ↓
<u>MW-1, 12, 5AR, 6A, 18, 17</u>			
Temperature Record			
Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE			
Thermometer ID: <u>AA</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>1.6</u>		Corrected Temp (°C): <u>1.6</u>	
• Sample Container Temperature			
Container(s) used:	CONTAINER 1		CONTAINER 2
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No a) If yes: Is there evidence that the chilling process began? ☐ Yes ☐ No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No			
NOTE: If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			

Chain of Custody Record

3 coolers in total
eurofins | Environment Testing
-st- ca Omaha SC
268

Client Information		Sampler: <u>Richard Wilson & Brenden Bunker</u>		Lab PM: Calhoun Conner M		Carrier Tracking No(s):		COC No. 310-105817-25457 1																									
Client Contact: Richard Wilson		Phone: 368-882-6141		E-Mail: Conner.Calhoun@et.eurofinsus.com		State of Origin:		Page: Page 1 of 2																									
Company: HDR Inc		PWSID:		Analysis Requested						Job #:																							
Address: 1917 S 67th Street		Due Date Requested:		<table><tr><td rowspan="5">Field Filtered Sample (Yes or No)</td><td rowspan="5">Perform MS/MSD (Yes or No)</td><td rowspan="5">6020B - (MOD) Appendix I</td><td rowspan="5">8260D - Volatile Appendix 1 Sublist</td><td rowspan="5">3765_85 - Residue, Non-filterable (TSS)</td><td rowspan="5">8260D - Volatile Appendix 1 Sublist</td><td rowspan="5">9056A_ORGFM_28D - Sulfate</td><td rowspan="5">9060A - TOC</td><td rowspan="5">6020B - As, Iron, Mn</td><td rowspan="5">Total Number of containers</td><td colspan="2">Preservation Codes: D - HNO3 A - HCL N - None S - H2SO4</td></tr><tr><td colspan="2">Other</td></tr><tr><td colspan="2">Special Instructions/Note:</td></tr><tr><td colspan="2"></td></tr><tr><td colspan="2"></td></tr></table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - (MOD) Appendix I	8260D - Volatile Appendix 1 Sublist	3765_85 - Residue, Non-filterable (TSS)	8260D - Volatile Appendix 1 Sublist	9056A_ORGFM_28D - Sulfate	9060A - TOC	6020B - As, Iron, Mn	Total Number of containers	Preservation Codes: D - HNO3 A - HCL N - None S - H2SO4		Other		Special Instructions/Note:						Project Name: HDR Metro Park West Landfill- Groundwater		Project #: 31013266	
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - (MOD) Appendix I	8260D - Volatile Appendix 1 Sublist																	3765_85 - Residue, Non-filterable (TSS)	8260D - Volatile Appendix 1 Sublist	9056A_ORGFM_28D - Sulfate	9060A - TOC	6020B - As, Iron, Mn	Total Number of containers	Preservation Codes: D - HNO3 A - HCL N - None S - H2SO4							
																										Other							
																										Special Instructions/Note:							
State, Zip: NE, 68106		TAT Requested (days):		Compliance Project: ☐ Yes ☐ No		PO #:		Purchase Order not required																									
Phone: 402-392-6714(Tel)		WO #:		Project #:		SSOW#:																											
Email: richard.wilson2@hdrinc.com		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)																									
Site:		Sample Identification		Preservation Code		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)																									
		MW-1		4-30-2025 12:15 G		Water		N		D A N N N S D																							
		MW-9B		13:07		Water		X		X X X																							
		MW-12		11:25		Water		X		X X X																							
		MW-17		13:13		Water		X		X X X																							
		MW-18		13:48		Water		X		X X X																							
		DUP-1		7:45		Water		X		X X X																							
		EQ 1				Water				No Sample																							
		MW-2AR		4-30-2025 11:32 G		Water		X		X X X X X X																							
		MW-5AR		14:35		Water		X		X X X X X X																							
		MW-6A		15:20		Water		X		X X X X X X																							
		MW-28		14:07		Water		X		X X X X X X																							
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months																											
Deliverable Requested I, II, III IV Other (specify)				Special Instructions/QC Requirements																													
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:																											
Relinquished by: <u>[Signature]</u>		Date/Time: 4-30-2025 / 18:43		Company: HDR		Received by: <u>[Signature]</u>		Date/Time: 5/1/25 7:00		Company: Eurofins																							
Relinquished by:		Date/Time:		Company:		Received by: <u>[Signature]</u>		Date/Time: 5/1/25 1605		Company:																							
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:																							
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.				Cooler Temperature(s) °C and Other Remarks.																											

es - me ica Omaha SC
268



2
2
2
~~2~~¹
2

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-305453-1

SDG Number:

Login Number: 305453

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Homolar, Dana J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Quantitation Limit Exceptions Summary

Client: HDR Inc

Project/Site: Metro Park West Landfill - Groundwater

Job ID: 310-305453-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260D	1,2-Dibromo-3-Chloropropane	Water	Total/NA	ug/L	1.20	5
8260D	1,2-Dibromoethane (EDB)	Water	Total/NA	ug/L	0.340	1



ANALYTICAL REPORT

PREPARED FOR

Attn: Greg Hicks
Metro Waste Authority-Dm
12181 NE 12th Avenue
Mitchellville, Iowa 50169

Generated 6/6/2025 12:23:35 PM

JOB DESCRIPTION

Arsenic - RR sampling
MPWL

JOB NUMBER

310-307583-1

Eurofins Cedar Falls

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
6/6/2025 12:23:35 PM

Authorized for release by
Hannah Dietz, Project Manager I
Hannah.Dietz@et.eurofinsus.com
(319)277-2401

Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Sample Summary	5
Detection Summary	6
Client Sample Results	7
Definitions	12
QC Sample Results	13
QC Association	14
Chronicle	15
Certification Summary	16
Method Summary	17
Chain of Custody	18
Receipt Checklists	20



Case Narrative

Client: Metro Waste Authority-Dm
Project: Arsenic - RR sampling

Job ID: 310-307583-1

Job ID: 310-307583-1

Eurofins Cedar Falls

Job Narrative 310-307583-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/30/2025 3:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Cedar Falls

Sample Summary

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-307583-1	RR-1	Water	05/30/25 10:45	05/30/25 15:35
310-307583-2	RR-2	Water	05/30/25 10:40	05/30/25 15:35
310-307583-3	RR-3	Water	05/30/25 10:30	05/30/25 15:35
310-307583-4	RR-4	Water	05/30/25 10:20	05/30/25 15:35
310-307583-5	Port 71	Water	05/30/25 12:05	05/30/25 15:35

Detection Summary

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Client Sample ID: RR-1

Lab Sample ID: 310-307583-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00217		0.00200		mg/L	1		200.8	Total/NA

Client Sample ID: RR-2

Lab Sample ID: 310-307583-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00228		0.00200		mg/L	1		200.8	Total/NA

Client Sample ID: RR-3

Lab Sample ID: 310-307583-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00207		0.00200		mg/L	1		200.8	Total/NA

Client Sample ID: RR-4

Lab Sample ID: 310-307583-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00223		0.00200		mg/L	1		200.8	Total/NA

Client Sample ID: Port 71

Lab Sample ID: 310-307583-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00211		0.00200		mg/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Client Sample Results

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Client Sample ID: RR-1
Date Collected: 05/30/25 10:45
Date Received: 05/30/25 15:35

Lab Sample ID: 310-307583-1
Matrix: Water

Method: EPA 200.8 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00217		0.00200		mg/L		06/04/25 09:20	06/05/25 18:30	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Client Sample ID: RR-2

Lab Sample ID: 310-307583-2

Date Collected: 05/30/25 10:40

Matrix: Water

Date Received: 05/30/25 15:35

Method: EPA 200.8 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00228		0.00200		mg/L		06/04/25 09:20	06/05/25 18:32	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Client Sample ID: RR-3

Date Collected: 05/30/25 10:30

Date Received: 05/30/25 15:35

Lab Sample ID: 310-307583-3

Matrix: Water

Method: EPA 200.8 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00207		0.00200		mg/L		06/04/25 09:20	06/05/25 18:35	1

Client Sample Results

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Client Sample ID: RR-4

Lab Sample ID: 310-307583-4

Date Collected: 05/30/25 10:20

Matrix: Water

Date Received: 05/30/25 15:35

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00223		0.00200		mg/L		06/04/25 09:20	06/05/25 18:37	1

Client Sample Results

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Client Sample ID: Port 71

Date Collected: 05/30/25 12:05

Date Received: 05/30/25 15:35

Lab Sample ID: 310-307583-5

Matrix: Water

Method: EPA 200.8 - Metals (ICP/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00211		0.00200		mg/L		06/04/25 09:20	06/05/25 18:40	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Sample Results

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 310-456510/1-A
Matrix: Water
Analysis Batch: 456762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 456510

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00200		0.00200		mg/L		06/04/25 09:20	06/05/25 17:37	1

Lab Sample ID: LCS 310-456510/2-A
Matrix: Water
Analysis Batch: 456762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 456510

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.200	0.1864		mg/L		93	85 - 115

QC Association Summary

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Metals

Prep Batch: 456510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-307583-1	RR-1	Total/NA	Water	200.8	
310-307583-2	RR-2	Total/NA	Water	200.8	
310-307583-3	RR-3	Total/NA	Water	200.8	
310-307583-4	RR-4	Total/NA	Water	200.8	
310-307583-5	Port 71	Total/NA	Water	200.8	
MB 310-456510/1-A	Method Blank	Total/NA	Water	200.8	
LCS 310-456510/2-A	Lab Control Sample	Total/NA	Water	200.8	

Analysis Batch: 456762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-307583-1	RR-1	Total/NA	Water	200.8	456510
310-307583-2	RR-2	Total/NA	Water	200.8	456510
310-307583-3	RR-3	Total/NA	Water	200.8	456510
310-307583-4	RR-4	Total/NA	Water	200.8	456510
310-307583-5	Port 71	Total/NA	Water	200.8	456510
MB 310-456510/1-A	Method Blank	Total/NA	Water	200.8	456510
LCS 310-456510/2-A	Lab Control Sample	Total/NA	Water	200.8	456510

Lab Chronicle

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Client Sample ID: RR-1

Date Collected: 05/30/25 10:45

Date Received: 05/30/25 15:35

Lab Sample ID: 310-307583-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200.8			456510	WK2X	EET CF	06/04/25 09:20
Total/NA	Analysis	200.8		1	456762	NFT2	EET CF	06/05/25 18:30

Client Sample ID: RR-2

Date Collected: 05/30/25 10:40

Date Received: 05/30/25 15:35

Lab Sample ID: 310-307583-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200.8			456510	WK2X	EET CF	06/04/25 09:20
Total/NA	Analysis	200.8		1	456762	NFT2	EET CF	06/05/25 18:32

Client Sample ID: RR-3

Date Collected: 05/30/25 10:30

Date Received: 05/30/25 15:35

Lab Sample ID: 310-307583-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200.8			456510	WK2X	EET CF	06/04/25 09:20
Total/NA	Analysis	200.8		1	456762	NFT2	EET CF	06/05/25 18:35

Client Sample ID: RR-4

Date Collected: 05/30/25 10:20

Date Received: 05/30/25 15:35

Lab Sample ID: 310-307583-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200.8			456510	WK2X	EET CF	06/04/25 09:20
Total/NA	Analysis	200.8		1	456762	NFT2	EET CF	06/05/25 18:37

Client Sample ID: Port 71

Date Collected: 05/30/25 12:05

Date Received: 05/30/25 15:35

Lab Sample ID: 310-307583-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	200.8			456510	WK2X	EET CF	06/04/25 09:20
Total/NA	Analysis	200.8		1	456762	NFT2	EET CF	06/05/25 18:40

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

Accreditation/Certification Summary

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Metro Waste Authority-Dm
Project/Site: Arsenic - RR sampling

Job ID: 310-307583-1
SDG: MPWL

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EET CF
200.8	Preparation, Total Metals	EPA	EET CF

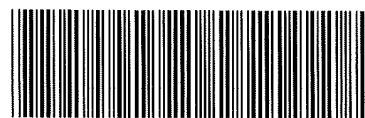
Protocol References:
EPA = US Environmental Protection Agency

Laboratory References:
EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

1
2
3
4
5
6
7
8
9
10
11
12
13
14



Environment Testing
America



310-307583 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>Metro Waste Authority</u>			
City/State:	<u>City: Mitchellville</u>	<u>STATE: IA</u>	Project:
Receipt Information			
Date/Time Received:	<u>DATE: 5/30/25</u>	<u>TIME: 10:35</u>	Received By: <u>AB</u>
Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☒ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler? ☒ Yes ☐ No If yes: Cooler ID: _____			
Multiple Coolers? ☐ Yes ☒ No If yes: Cooler # _____ of _____			
Cooler Custody Seals Present? ☐ Yes ☒ No If yes: Cooler custody seals intact? ☐ Yes ☐ No			
Sample Custody Seals Present? ☐ Yes ☒ No If yes: Sample custody seals intact? ☐ Yes ☐ No			
Trip Blank Present? ☐ Yes ☒ No If yes: Which VOA samples are in cooler? ↓			
Temperature Record			
Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE			
Thermometer ID: <u>2</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>5.4</u>		Corrected Temp (°C): <u>5.4</u>	
• Sample Container Temperature			
Container(s) used:	<u>CONTAINER 1</u>	<u>CONTAINER 2</u>	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No a) If yes: Is there evidence that the chilling process began? ☐ Yes ☐ No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No			
NOTE If yes, contact PM before proceeding If no, proceed with login			
Additional Comments			

Client Information		Sampler: <u>Chad Dentinger</u>	Lab PM: <u>Dietz, Hannah E</u>	Carrier Tracking No(s): <u>310-107137-28582.1</u>	COC No: <u>310-107137-28582.1</u>
Client Contact: <u>Chad Dentinger</u>		Phone: <u>515-205-6355</u>	E-Mail: <u>Hannah.Dietz@et.eurofins.com</u>	State of Origin: <u>IA</u>	Page: <u>Page 1 of 1</u>
Company: <u>Metro Waste Authority-Dm</u>		Job #: <u>PWSID</u>			
Address: <u>12181 NE 12th Avenue</u>		Due Date Requested: <u></u>			
City: <u>Mitchellville</u>		TAT Requested (days): <u></u>			
State, Zip: <u>IA 50169</u>		Compliance Project: <u>Δ Yes Δ No</u>			
Phone: <u>515-333-4451</u>		Purchase Order not required			
Email: <u>chad@metro-waste.com</u>		WC #: <u></u>			
Project Name: <u>Arsenic - RR sampling</u>		Project #: <u>31006637</u>			
Site: <u>MPWL</u>		SSOW#: <u></u>			
Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air, DW=drinking water)		Sample Type (C=comp, G=grab)	Sample Date	Sample Time	Preservation Code
RR-1			5/30/25	10:45	G
RR-2				10:40	
RR-3				10:30	
RR-4				10:20	
Port 71				12:05	
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix
RR-1		5/30/25	10:45	G	Water
RR-2			10:40		Water
RR-3			10:30		Water
RR-4			10:20		Water
Port 71			12:05		Water
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client ☐ Disposal By Lab ☐ Archive For <u> </u> Months			
Deliverable Requested I II III IV Other (specify)		Special Instructions/QC Requirements			
Empty Kit Relinquished by: <u>Chad Dentinger</u>		Method of Shipment: <u></u>			
Relinquished by: <u>Chad Dentinger</u>		Date: <u>5/30/25</u>	Time: <u>13:05</u>	Company: <u>MWA-DM</u>	Received by: <u>E. J. J.</u>
Relinquished by: <u></u>		Date: <u></u>	Time: <u></u>	Company: <u></u>	Received by: <u></u>
Relinquished by: <u></u>		Date: <u></u>	Time: <u></u>	Company: <u></u>	Received by: <u></u>
Custody Seals Intact: <u>Δ Yes Δ No</u>		Cooler Temperature(s) °C and Other Remarks: <u></u>			

Login Sample Receipt Checklist

Client: Metro Waste Authority-Dm

Job Number: 310-307583-1

SDG Number: MPWL

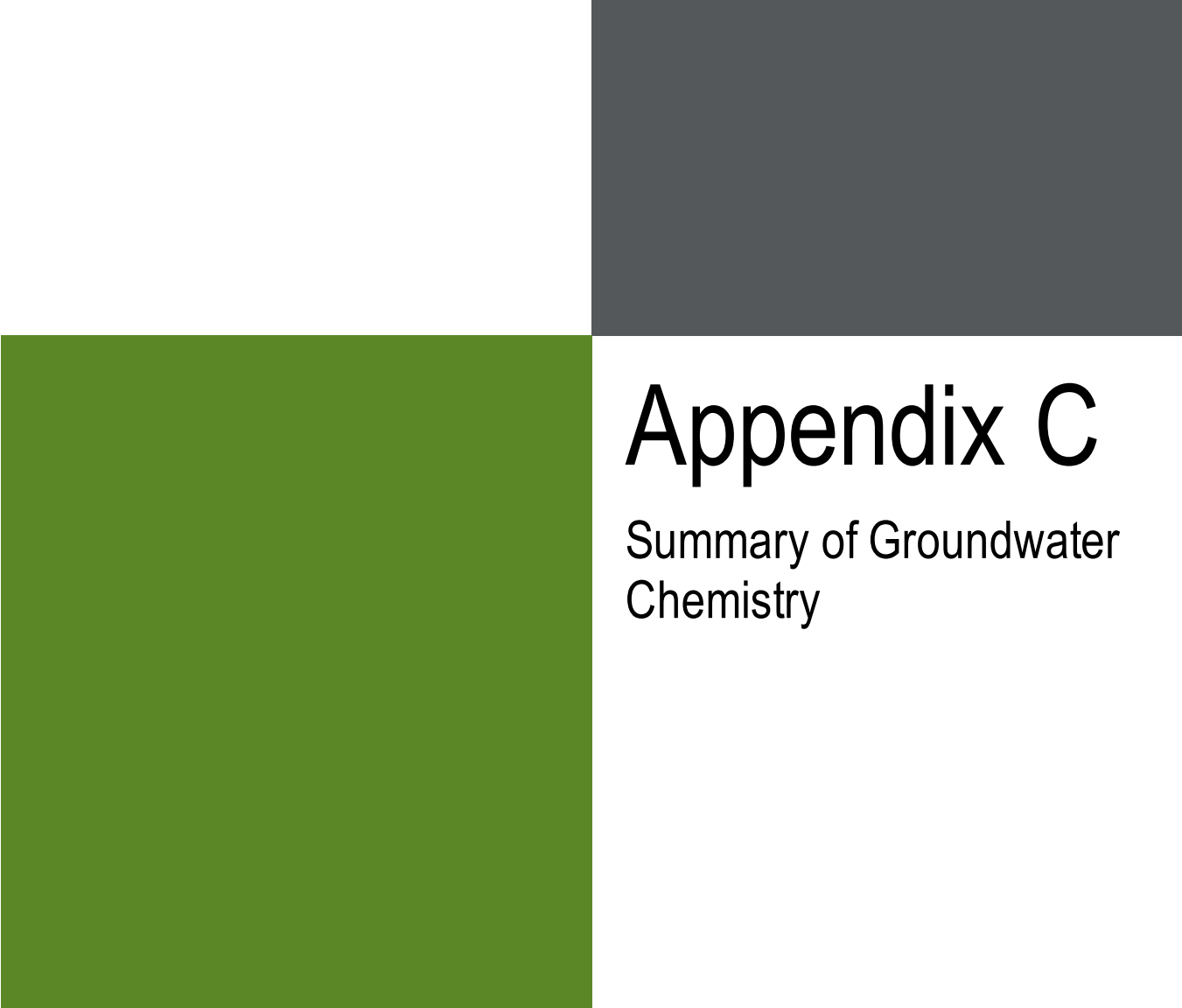
Login Number: 307583

List Number: 1

Creator: Patterson, Brody

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Appendix C

Summary of Groundwater
Chemistry



This page intentionally left blank.

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Antimony	7440-36-0	mg/L	2/8/2008	0.006	n/a	NDX	
GDT-1	d	Arsenic	7440-38-2	mg/L	2/8/2008	0.001	n/a	NDX	
GDT-1	d	Barium	7440-39-3	mg/L	2/8/2008	n/a	n/a	X	0.297
GDT-1	d	Beryllium	7440-41-7	mg/L	2/8/2008	0.001	n/a	NDX	
GDT-1	d	Cadmium	7440-43-9	mg/L	2/8/2008	0.0005	n/a	NDX	
GDT-1	d	Chromium	7440-47-3	mg/L	2/8/2008	0.02	n/a	NDX	
GDT-1	d	Cobalt	7440-48-4	mg/L	2/8/2008	0.02	n/a	NDX	
GDT-1	d	Copper	7440-50-8	mg/L	2/8/2008	0.02	n/a	NDX	
GDT-1	d	Lead	7439-92-1	mg/L	2/8/2008	0.004	n/a	NDX	
GDT-1	d	Nickel	7440-02-0	mg/L	2/8/2008	0.05	n/a	NDX	
GDT-1	d	Selenium	7782-49-2	mg/L	2/8/2008	0.005	n/a	NDX	
GDT-1	d	Silver	7440-22-4	mg/L	2/8/2008	0.02	n/a	NDX	
GDT-1	d	Thallium	7440-28-0	mg/L	2/8/2008	0.002	n/a	NDX	
GDT-1	d	Vanadium	7440-62-2	mg/L	2/8/2008	0.05	n/a	NDX	
GDT-1	d	Zinc	7440-66-6	mg/L	2/8/2008	n/a	n/a	X	0.0225
GDT-1	d	Acetone	67-64-1	ug/L	2/8/2008	4.62	n/a	NDX	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	2/8/2008	1.28	n/a	NDX	
GDT-1	d	Benzene	71-43-2	ug/L	2/8/2008	n/a	n/a	JX	0.24
GDT-1	d	Bromochloromethane	74-97-5	ug/L	2/8/2008	0.76	n/a	NDX	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	2/8/2008	0.2	n/a	NDX	
GDT-1	d	Bromoform	75-25-2	ug/L	2/8/2008	0.43	n/a	NDX	
GDT-1	d	2-Butanone	78-93-3	ug/L	2/8/2008	0.91	n/a	NDX	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	2/8/2008	0.18	n/a	NDX	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	2/8/2008	0.31	n/a	NDX	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	2/8/2008	0.17	n/a	NDX	
GDT-1	d	Chloroethane	75-00-3	ug/L	2/8/2008	n/a	n/a	JX	1.6
GDT-1	d	Chloroform	67-66-3	ug/L	2/8/2008	0.17	n/a	NDX	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	2/8/2008	0.26	n/a	NDX	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/8/2008	0.86	n/a	NDX	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/8/2008	0.25	n/a	NDX	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/8/2008	1.8	n/a	NDX	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	2/8/2008	n/a	n/a	JX	0.95
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	2/8/2008	0.2	n/a	NDX	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	2/8/2008	0.37	n/a	NDX	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/8/2008	n/a	n/a	JX	0.76
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/8/2008	0.31	n/a	NDX	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	2/8/2008	0.4	n/a	NDX	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/8/2008	0.23	n/a	NDX	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/8/2008	0.17	n/a	NDX	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/8/2008	0.21	n/a	NDX	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/8/2008	0.16	n/a	NDX	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	2/8/2008	0.25	n/a	NDX	
GDT-1	d	2-Hexanone	591-78-6	ug/L	2/8/2008	1.76	n/a	NDX	
GDT-1	d	Bromomethane	74-83-9	ug/L	2/8/2008	0.48	n/a	NDX	
GDT-1	d	Chloromethane	74-87-3	ug/L	2/8/2008	n/a	n/a	JX	0.24
GDT-1	d	Iodomethane	74-88-4	ug/L	2/8/2008	0.4	n/a	NDX	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	2/8/2008	0.3	n/a	NDX	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	2/8/2008	0.45	n/a	NDX	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/8/2008	0.31	n/a	NDX	
GDT-1	d	Styrene	100-42-5	ug/L	2/8/2008	0.19	n/a	NDX	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/8/2008	0.33	n/a	NDX	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/8/2008	0.23	n/a	NDX	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	2/8/2008	0.38	n/a	NDX	
GDT-1	d	Toluene	108-88-3	ug/L	2/8/2008	0.14	n/a	NDX	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/8/2008	0.19	n/a	NDX	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/8/2008	0.37	n/a	NDX	
GDT-1	d	Trichloroethene	79-01-6	ug/L	2/8/2008	0.24	n/a	NDX	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	2/8/2008	0.26	n/a	NDX	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/8/2008	0.7	n/a	NDX	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	2/8/2008	1.36	n/a	NDX	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	2/8/2008	0.26	n/a	NDX	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	2/8/2008	0.3	n/a	NDX	
GDT-2	d	Antimony	7440-36-0	mg/L	2/8/2008	0.006	n/a	NDX	
GDT-2	d	Arsenic	7440-38-2	mg/L	2/8/2008	n/a	n/a	X	0.0268
GDT-2	d	Barium	7440-39-3	mg/L	2/8/2008	n/a	n/a	X	0.164
GDT-2	d	Beryllium	7440-41-7	mg/L	2/8/2008	0.001	n/a	NDX	
GDT-2	d	Cadmium	7440-43-9	mg/L	2/8/2008	0.0005	n/a	NDX	
GDT-2	d	Chromium	7440-47-3	mg/L	2/8/2008	0.02	n/a	NDX	
GDT-2	d	Cobalt	7440-48-4	mg/L	2/8/2008	n/a	n/a	X	0.0207
GDT-2	d	Copper	7440-50-8	mg/L	2/8/2008	0.02	n/a	NDX	
GDT-2	d	Lead	7439-92-1	mg/L	2/8/2008	0.004	n/a	NDX	
GDT-2	d	Nickel	7440-02-0	mg/L	2/8/2008	0.05	n/a	NDX	
GDT-2	d	Selenium	7782-49-2	mg/L	2/8/2008	0.005	n/a	NDX	
GDT-2	d	Silver	7440-22-4	mg/L	2/8/2008	0.02	n/a	NDX	
GDT-2	d	Thallium	7440-28-0	mg/L	2/8/2008	0.002	n/a	NDX	
GDT-2	d	Vanadium	7440-62-2	mg/L	2/8/2008	0.05	n/a	NDX	
GDT-2	d	Zinc	7440-66-6	mg/L	2/8/2008	0.02	n/a	NDX	
GDT-2	d	Acetone	67-64-1	ug/L	2/8/2008	4.62	n/a	NDX	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	2/8/2008	1.28	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Benzene	71-43-2	ug/L	2/8/2008	0.16	n/a	NDX	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	2/8/2008	0.76	n/a	NDX	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	2/8/2008	0.2	n/a	NDX	
GDT-2	d	Bromoform	75-25-2	ug/L	2/8/2008	0.43	n/a	NDX	
GDT-2	d	2-Butanone	78-93-3	ug/L	2/8/2008	0.91	n/a	NDX	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	2/8/2008	0.18	n/a	NDX	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	2/8/2008	0.31	n/a	NDX	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	2/8/2008	0.17	n/a	NDX	
GDT-2	d	Chloroethane	75-00-3	ug/L	2/8/2008	n/a	n/a	JX	1.91
GDT-2	d	Chloroform	67-66-3	ug/L	2/8/2008	0.17	n/a	NDX	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	2/8/2008	0.26	n/a	NDX	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/8/2008	0.86	n/a	NDX	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/8/2008	0.25	n/a	NDX	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/8/2008	1.8	n/a	NDX	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	2/8/2008	n/a	n/a	JX	0.43
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	2/8/2008	0.2	n/a	NDX	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	2/8/2008	0.37	n/a	NDX	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/8/2008	0.37	n/a	NDX	
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/8/2008	0.31	n/a	NDX	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	2/8/2008	0.4	n/a	NDX	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/8/2008	0.23	n/a	NDX	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/8/2008	0.17	n/a	NDX	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/8/2008	0.21	n/a	NDX	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/8/2008	0.16	n/a	NDX	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	2/8/2008	0.25	n/a	NDX	
GDT-2	d	2-Hexanone	591-78-6	ug/L	2/8/2008	1.76	n/a	NDX	
GDT-2	d	Bromomethane	74-83-9	ug/L	2/8/2008	0.48	n/a	NDX	
GDT-2	d	Chloromethane	74-87-3	ug/L	2/8/2008	0.2	n/a	NDX	
GDT-2	d	Iodomethane	74-88-4	ug/L	2/8/2008	0.4	n/a	NDX	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	2/8/2008	0.3	n/a	NDX	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	2/8/2008	0.45	n/a	NDX	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/8/2008	0.31	n/a	NDX	
GDT-2	d	Styrene	100-42-5	ug/L	2/8/2008	0.19	n/a	NDX	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/8/2008	0.33	n/a	NDX	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/8/2008	0.23	n/a	NDX	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	2/8/2008	0.38	n/a	NDX	
GDT-2	d	Toluene	108-88-3	ug/L	2/8/2008	0.14	n/a	NDX	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/8/2008	0.19	n/a	NDX	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/8/2008	0.37	n/a	NDX	
GDT-2	d	Trichloroethene	79-01-6	ug/L	2/8/2008	0.24	n/a	NDX	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	2/8/2008	0.26	n/a	NDX	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/8/2008	0.7	n/a	NDX	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	2/8/2008	1.36	n/a	NDX	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	2/8/2008	0.26	n/a	NDX	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	2/8/2008	0.3	n/a	NDX	
MW-5AR	u	Antimony	7440-36-0	mg/L	2/8/2008	0.006	n/a	NDX	
MW-5AR	u	Arsenic	7440-38-2	mg/L	2/8/2008	n/a	n/a	X	0.00226
MW-5AR	u	Barium	7440-39-3	mg/L	2/8/2008	n/a	n/a	X	0.144
MW-5AR	u	Beryllium	7440-41-7	mg/L	2/8/2008	0.001	n/a	NDX	
MW-5AR	u	Cadmium	7440-43-9	mg/L	2/8/2008	0.0005	n/a	NDX	
MW-5AR	u	Chromium	7440-47-3	mg/L	2/8/2008	0.02	n/a	NDX	
MW-5AR	u	Cobalt	7440-48-4	mg/L	2/8/2008	0.02	n/a	NDX	
MW-5AR	u	Copper	7440-50-8	mg/L	2/8/2008	0.02	n/a	NDX	
MW-5AR	u	Lead	7439-92-1	mg/L	2/8/2008	0.004	n/a	NDX	
MW-5AR	u	Nickel	7440-02-0	mg/L	2/8/2008	0.05	n/a	NDX	
MW-5AR	u	Selenium	7782-49-2	mg/L	2/8/2008	0.005	n/a	NDX	
MW-5AR	u	Silver	7440-22-4	mg/L	2/8/2008	0.02	n/a	NDX	
MW-5AR	u	Thallium	7440-28-0	mg/L	2/8/2008	0.002	n/a	NDX	
MW-5AR	u	Vanadium	7440-62-2	mg/L	2/8/2008	0.05	n/a	NDX	
MW-5AR	u	Zinc	7440-66-6	mg/L	2/8/2008	n/a	n/a	X	0.0377
MW-5AR	u	Acetone	67-64-1	ug/L	2/8/2008	4.62	n/a	NDX	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	2/8/2008	1.28	n/a	NDX	
MW-5AR	u	Benzene	71-43-2	ug/L	2/8/2008	0.16	n/a	NDX	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	2/8/2008	0.76	n/a	NDX	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	2/8/2008	0.2	n/a	NDX	
MW-5AR	u	Bromoform	75-25-2	ug/L	2/8/2008	0.43	n/a	NDX	
MW-5AR	u	2-Butanone	78-93-3	ug/L	2/8/2008	0.91	n/a	NDX	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	2/8/2008	0.18	n/a	NDX	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	2/8/2008	0.31	n/a	NDX	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	2/8/2008	0.17	n/a	NDX	
MW-5AR	u	Chloroethane	75-00-3	ug/L	2/8/2008	0.5	n/a	NDX	
MW-5AR	u	Chloroform	67-66-3	ug/L	2/8/2008	0.17	n/a	NDX	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	2/8/2008	0.26	n/a	NDX	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/8/2008	0.86	n/a	NDX	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/8/2008	0.25	n/a	NDX	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/8/2008	1.8	n/a	NDX	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	2/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	2/8/2008	0.2	n/a	NDX	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	2/8/2008	0.37	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/8/2008	0.37	n/a	NDX	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/8/2008	0.31	n/a	NDX	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	2/8/2008	0.4	n/a	NDX	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/8/2008	0.23	n/a	NDX	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/8/2008	0.17	n/a	NDX	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/8/2008	0.21	n/a	NDX	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/8/2008	0.16	n/a	NDX	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	2/8/2008	0.25	n/a	NDX	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	2/8/2008	1.76	n/a	NDX	
MW-5AR	u	Bromomethane	74-83-9	ug/L	2/8/2008	0.48	n/a	NDX	
MW-5AR	u	Chloromethane	74-87-3	ug/L	2/8/2008	0.2	n/a	NDX	
MW-5AR	u	Iodomethane	74-88-4	ug/L	2/8/2008	0.4	n/a	NDX	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	2/8/2008	0.3	n/a	NDX	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	2/8/2008	0.45	n/a	NDX	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	2/8/2008	0.31	n/a	NDX	
MW-5AR	u	Styrene	100-42-5	ug/L	2/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/8/2008	0.33	n/a	NDX	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/8/2008	0.23	n/a	NDX	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	2/8/2008	0.38	n/a	NDX	
MW-5AR	u	Toluene	108-88-3	ug/L	2/8/2008	0.14	n/a	NDX	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/8/2008	0.37	n/a	NDX	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	2/8/2008	0.24	n/a	NDX	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	2/8/2008	0.26	n/a	NDX	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/8/2008	0.7	n/a	NDX	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	2/8/2008	1.36	n/a	NDX	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	2/8/2008	0.26	n/a	NDX	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	2/8/2008	0.3	n/a	NDX	
MW-8R	d	Antimony	7440-36-0	mg/L	2/8/2008	0.006	n/a	NDX	
MW-8R	d	Arsenic	7440-38-2	mg/L	2/8/2008	n/a	n/a	X	0.00689
MW-8R	d	Barium	7440-39-3	mg/L	2/8/2008	n/a	n/a	X	0.0934
MW-8R	d	Beryllium	7440-41-7	mg/L	2/8/2008	0.001	n/a	NDX	
MW-8R	d	Cadmium	7440-43-9	mg/L	2/8/2008	0.0005	n/a	NDX	
MW-8R	d	Chromium	7440-47-3	mg/L	2/8/2008	0.02	n/a	NDX	
MW-8R	d	Cobalt	7440-48-4	mg/L	2/8/2008	0.02	n/a	NDX	
MW-8R	d	Copper	7440-50-8	mg/L	2/8/2008	0.02	n/a	NDX	
MW-8R	d	Lead	7439-92-1	mg/L	2/8/2008	n/a	n/a	X	0.00444
MW-8R	d	Nickel	7440-02-0	mg/L	2/8/2008	0.05	n/a	NDX	
MW-8R	d	Selenium	7782-49-2	mg/L	2/8/2008	0.005	n/a	NDX	
MW-8R	d	Silver	7440-22-4	mg/L	2/8/2008	0.02	n/a	NDX	
MW-8R	d	Thallium	7440-28-0	mg/L	2/8/2008	0.002	n/a	NDX	
MW-8R	d	Vanadium	7440-62-2	mg/L	2/8/2008	0.05	n/a	NDX	
MW-8R	d	Zinc	7440-66-6	mg/L	2/8/2008	n/a	n/a	X	0.0885
MW-8R	d	Acetone	67-64-1	ug/L	2/8/2008	4.62	n/a	NDX	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	2/8/2008	1.28	n/a	NDX	
MW-8R	d	Benzene	71-43-2	ug/L	2/8/2008	0.16	n/a	NDX	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	2/8/2008	0.76	n/a	NDX	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	2/8/2008	0.2	n/a	NDX	
MW-8R	d	Bromoform	75-25-2	ug/L	2/8/2008	0.43	n/a	NDX	
MW-8R	d	2-Butanone	78-93-3	ug/L	2/8/2008	0.91	n/a	NDX	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	2/8/2008	0.18	n/a	NDX	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	2/8/2008	0.31	n/a	NDX	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	2/8/2008	0.17	n/a	NDX	
MW-8R	d	Chloroethane	75-00-3	ug/L	2/8/2008	0.5	n/a	NDX	
MW-8R	d	Chloroform	67-66-3	ug/L	2/8/2008	0.17	n/a	NDX	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	2/8/2008	0.26	n/a	NDX	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/8/2008	0.86	n/a	NDX	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/8/2008	0.25	n/a	NDX	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/8/2008	1.8	n/a	NDX	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	2/8/2008	0.19	n/a	NDX	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	2/8/2008	0.2	n/a	NDX	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	2/8/2008	0.37	n/a	NDX	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/8/2008	0.37	n/a	NDX	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/8/2008	0.31	n/a	NDX	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	2/8/2008	0.4	n/a	NDX	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/8/2008	0.23	n/a	NDX	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/8/2008	0.17	n/a	NDX	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/8/2008	0.21	n/a	NDX	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/8/2008	n/a	n/a	JX	0.18
MW-8R	d	Ethylbenzene	100-41-4	ug/L	2/8/2008	0.25	n/a	NDX	
MW-8R	d	2-Hexanone	591-78-6	ug/L	2/8/2008	1.76	n/a	NDX	
MW-8R	d	Bromomethane	74-83-9	ug/L	2/8/2008	0.48	n/a	NDX	
MW-8R	d	Chloromethane	74-87-3	ug/L	2/8/2008	0.2	n/a	NDX	
MW-8R	d	Iodomethane	74-88-4	ug/L	2/8/2008	0.4	n/a	NDX	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	2/8/2008	0.3	n/a	NDX	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	2/8/2008	0.45	n/a	NDX	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/8/2008	0.31	n/a	NDX	
MW-8R	d	Styrene	100-42-5	ug/L	2/8/2008	0.19	n/a	NDX	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/8/2008	0.33	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/8/2008	0.23	n/a	NDX	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	2/8/2008	0.38	n/a	NDX	
MW-8R	d	Toluene	108-88-3	ug/L	2/8/2008	0.14	n/a	NDX	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/8/2008	0.19	n/a	NDX	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/8/2008	0.37	n/a	NDX	
MW-8R	d	Trichloroethene	79-01-6	ug/L	2/8/2008	0.24	n/a	NDX	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	2/8/2008	0.26	n/a	NDX	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/8/2008	0.7	n/a	NDX	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	2/8/2008	1.36	n/a	NDX	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	2/8/2008	0.26	n/a	NDX	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	2/8/2008	0.3	n/a	NDX	
GDE	d	Antimony	7440-36-0	mg/L	5/5/2008	0.006	n/a	NDX	
GDE	d	Arsenic	7440-38-2	mg/L	5/5/2008	0.001	n/a	NDX	
GDE	d	Barium	7440-39-3	mg/L	5/5/2008	n/a	n/a	X	0.0994
GDE	d	Beryllium	7440-41-7	mg/L	5/5/2008	0.001	n/a	NDX	
GDE	d	Cadmium	7440-43-9	mg/L	5/5/2008	0.0005	n/a	NDX	
GDE	d	Chromium	7440-47-3	mg/L	5/5/2008	0.02	n/a	NDX	
GDE	d	Cobalt	7440-48-4	mg/L	5/5/2008	0.02	n/a	NDX	
GDE	d	Copper	7440-50-8	mg/L	5/5/2008	0.02	n/a	NDX	
GDE	d	Lead	7439-92-1	mg/L	5/5/2008	0.004	n/a	NDX	
GDE	d	Nickel	7440-02-0	mg/L	5/5/2008	0.05	n/a	NDX	
GDE	d	Selenium	7782-49-2	mg/L	5/5/2008	0.005	n/a	NDX	
GDE	d	Silver	7440-22-4	mg/L	5/5/2008	0.02	n/a	NDX	
GDE	d	Thallium	7440-28-0	mg/L	5/5/2008	0.002	n/a	NDX	
GDE	d	Vanadium	7440-62-2	mg/L	5/5/2008	0.05	n/a	NDX	
GDE	d	Zinc	7440-66-6	mg/L	5/5/2008	0.02	n/a	NDX	
GDE	d	Acetone	67-64-1	ug/L	5/5/2008	4.62	n/a	NDX	
GDE	d	Acrylonitrile	107-13-1	ug/L	5/5/2008	1.28	n/a	NDX	
GDE	d	Benzene	71-43-2	ug/L	5/5/2008	0.16	n/a	NDX	
GDE	d	Bromochloromethane	74-97-5	ug/L	5/5/2008	0.76	n/a	NDX	
GDE	d	Bromodichloromethane	75-27-4	ug/L	5/5/2008	0.2	n/a	NDX	
GDE	d	Bromoform	75-25-2	ug/L	5/5/2008	0.43	n/a	NDX	
GDE	d	2-Butanone	78-93-3	ug/L	5/5/2008	0.91	n/a	NDX	
GDE	d	Carbon Disulfide	75-15-0	ug/L	5/5/2008	0.18	n/a	NDX	
GDE	d	Carbon Tetrachloride	56-23-5	ug/L	5/5/2008	0.31	n/a	NDX	
GDE	d	Chlorobenzene	108-90-7	ug/L	5/5/2008	0.17	n/a	NDX	
GDE	d	Chloroethane	75-00-3	ug/L	5/5/2008	0.5	n/a	NDX	
GDE	d	Chloroform	67-66-3	ug/L	5/5/2008	0.17	n/a	NDX	
GDE	d	Chlorodibromomethane	124-48-1	ug/L	5/5/2008	0.26	n/a	NDX	
GDE	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2008	0.86	n/a	NDX	
GDE	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/5/2008	0.25	n/a	NDX	
GDE	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/5/2008	1.8	n/a	NDX	
GDE	d	1,1-Dichloroethane	75-34-3	ug/L	5/5/2008	0.19	n/a	NDX	
GDE	d	1,2-Dichloroethane	107-06-2	ug/L	5/5/2008	0.2	n/a	NDX	
GDE	d	1,1-Dichloroethene	75-35-4	ug/L	5/5/2008	0.37	n/a	NDX	
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2008	0.37	n/a	NDX	
GDE	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2008	0.31	n/a	NDX	
GDE	d	1,2-Dichloropropane	78-87-5	ug/L	5/5/2008	0.4	n/a	NDX	
GDE	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2008	0.23	n/a	NDX	
GDE	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2008	0.17	n/a	NDX	
GDE	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2008	0.21	n/a	NDX	
GDE	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2008	0.16	n/a	NDX	
GDE	d	Ethylbenzene	100-41-4	ug/L	5/5/2008	0.25	n/a	NDX	
GDE	d	2-Hexanone	591-78-6	ug/L	5/5/2008	1.76	n/a	NDX	
GDE	d	Bromomethane	74-83-9	ug/L	5/5/2008	0.48	n/a	NDX	
GDE	d	Chloromethane	74-87-3	ug/L	5/5/2008	0.2	n/a	NDX	
GDE	d	Iodomethane	74-88-4	ug/L	5/5/2008	0.4	n/a	NDX	
GDE	d	Methylene Bromide	74-95-3	ug/L	5/5/2008	0.3	n/a	NDX	
GDE	d	Methylene Chloride	75-09-2	ug/L	5/5/2008	0.45	n/a	NDX	
GDE	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/5/2008	0.31	n/a	NDX	
GDE	d	Styrene	100-42-5	ug/L	5/5/2008	0.19	n/a	NDX	
GDE	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2008	0.33	n/a	NDX	
GDE	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2008	0.23	n/a	NDX	
GDE	d	Tetrachloroethene	127-18-4	ug/L	5/5/2008	0.38	n/a	NDX	
GDE	d	Toluene	108-88-3	ug/L	5/5/2008	0.14	n/a	NDX	
GDE	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2008	0.19	n/a	NDX	
GDE	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/5/2008	0.37	n/a	NDX	
GDE	d	Trichloroethene	79-01-6	ug/L	5/5/2008	0.24	n/a	NDX	
GDE	d	Trichlorofluoromethane	75-69-4	ug/L	5/5/2008	0.26	n/a	NDX	
GDE	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2008	0.7	n/a	NDX	
GDE	d	Vinyl Acetate	108-05-4	ug/L	5/5/2008	1.36	n/a	NDX	
GDE	d	Vinyl Chloride	75-01-4	ug/L	5/5/2008	0.26	n/a	NDX	
GDE	d	Xylenes, total	1330-20-7	ug/L	5/5/2008	0.3	n/a	NDX	
GDT-1	d	Antimony	7440-36-0	mg/L	5/5/2008	0.006	n/a	NDX	
GDT-1	d	Arsenic	7440-38-2	mg/L	5/5/2008	0.001	n/a	NDX	
GDT-1	d	Barium	7440-39-3	mg/L	5/5/2008	n/a	n/a	X	0.17
GDT-1	d	Beryllium	7440-41-7	mg/L	5/5/2008	0.001	n/a	NDX	
GDT-1	d	Cadmium	7440-43-9	mg/L	5/5/2008	0.0005	n/a	NDX	
GDT-1	d	Chromium	7440-47-3	mg/L	5/5/2008	0.02	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Cobalt	7440-48-4	mg/L	5/5/2008	0.02	n/a	NDX	
GDT-1	d	Copper	7440-50-8	mg/L	5/5/2008	0.02	n/a	NDX	
GDT-1	d	Lead	7439-92-1	mg/L	5/5/2008	0.004	n/a	NDX	
GDT-1	d	Nickel	7440-02-0	mg/L	5/5/2008	0.05	n/a	NDX	
GDT-1	d	Selenium	7782-49-2	mg/L	5/5/2008	0.005	n/a	NDX	
GDT-1	d	Silver	7440-22-4	mg/L	5/5/2008	0.02	n/a	NDX	
GDT-1	d	Thallium	7440-28-0	mg/L	5/5/2008	0.002	n/a	NDX	
GDT-1	d	Vanadium	7440-62-2	mg/L	5/5/2008	0.05	n/a	NDX	
GDT-1	d	Zinc	7440-66-6	mg/L	5/5/2008	n/a	n/a	X	0.0471
GDT-1	d	Acetone	67-64-1	ug/L	5/5/2008	4.62	n/a	NDX	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	5/5/2008	1.28	n/a	NDX	
GDT-1	d	Benzene	71-43-2	ug/L	5/5/2008	0.16	n/a	NDX	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	5/5/2008	0.76	n/a	NDX	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	5/5/2008	0.2	n/a	NDX	
GDT-1	d	Bromoform	75-25-2	ug/L	5/5/2008	0.43	n/a	NDX	
GDT-1	d	2-Butanone	78-93-3	ug/L	5/5/2008	0.91	n/a	NDX	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	5/5/2008	0.18	n/a	NDX	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	5/5/2008	0.31	n/a	NDX	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	5/5/2008	0.17	n/a	NDX	
GDT-1	d	Chloroethane	75-00-3	ug/L	5/5/2008	0.5	n/a	NDX	
GDT-1	d	Chloroform	67-66-3	ug/L	5/5/2008	0.17	n/a	NDX	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	5/5/2008	0.26	n/a	NDX	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2008	0.86	n/a	NDX	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/5/2008	0.25	n/a	NDX	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/5/2008	1.8	n/a	NDX	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	5/5/2008	0.19	n/a	NDX	
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	5/5/2008	0.2	n/a	NDX	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	5/5/2008	0.37	n/a	NDX	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2008	0.37	n/a	NDX	
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2008	0.31	n/a	NDX	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	5/5/2008	0.4	n/a	NDX	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2008	0.23	n/a	NDX	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2008	0.17	n/a	NDX	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2008	0.21	n/a	NDX	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2008	0.16	n/a	NDX	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	5/5/2008	0.25	n/a	NDX	
GDT-1	d	2-Hexanone	591-78-6	ug/L	5/5/2008	1.76	n/a	NDX	
GDT-1	d	Bromomethane	74-83-9	ug/L	5/5/2008	0.48	n/a	NDX	
GDT-1	d	Chloromethane	74-87-3	ug/L	5/5/2008	0.2	n/a	NDX	
GDT-1	d	Iodomethane	74-88-4	ug/L	5/5/2008	0.4	n/a	NDX	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	5/5/2008	0.3	n/a	NDX	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	5/5/2008	0.45	n/a	NDX	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/5/2008	0.31	n/a	NDX	
GDT-1	d	Styrene	100-42-5	ug/L	5/5/2008	0.19	n/a	NDX	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2008	0.33	n/a	NDX	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2008	0.23	n/a	NDX	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	5/5/2008	0.38	n/a	NDX	
GDT-1	d	Toluene	108-88-3	ug/L	5/5/2008	0.14	n/a	NDX	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2008	0.19	n/a	NDX	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/5/2008	0.37	n/a	NDX	
GDT-1	d	Trichloroethene	79-01-6	ug/L	5/5/2008	0.24	n/a	NDX	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	5/5/2008	0.26	n/a	NDX	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2008	0.7	n/a	NDX	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	5/5/2008	1.36	n/a	NDX	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	5/5/2008	0.26	n/a	NDX	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	5/5/2008	0.3	n/a	NDX	
GDT-2	d	Antimony	7440-36-0	mg/L	5/5/2008	0.006	n/a	NDX	
GDT-2	d	Arsenic	7440-38-2	mg/L	5/5/2008	0.001	n/a	NDX	
GDT-2	d	Barium	7440-39-3	mg/L	5/5/2008	n/a	n/a	X	0.0996
GDT-2	d	Beryllium	7440-41-7	mg/L	5/5/2008	0.001	n/a	NDX	
GDT-2	d	Cadmium	7440-43-9	mg/L	5/5/2008	0.0005	n/a	NDX	
GDT-2	d	Chromium	7440-47-3	mg/L	5/5/2008	0.02	n/a	NDX	
GDT-2	d	Cobalt	7440-48-4	mg/L	5/5/2008	0.02	n/a	NDX	
GDT-2	d	Copper	7440-50-8	mg/L	5/5/2008	0.02	n/a	NDX	
GDT-2	d	Lead	7439-92-1	mg/L	5/5/2008	0.004	n/a	NDX	
GDT-2	d	Nickel	7440-02-0	mg/L	5/5/2008	0.05	n/a	NDX	
GDT-2	d	Selenium	7782-49-2	mg/L	5/5/2008	0.005	n/a	NDX	
GDT-2	d	Silver	7440-22-4	mg/L	5/5/2008	0.02	n/a	NDX	
GDT-2	d	Thallium	7440-28-0	mg/L	5/5/2008	0.002	n/a	NDX	
GDT-2	d	Vanadium	7440-62-2	mg/L	5/5/2008	0.05	n/a	NDX	
GDT-2	d	Zinc	7440-66-6	mg/L	5/5/2008	0.02	n/a	NDX	
GDT-2	d	Acetone	67-64-1	ug/L	5/5/2008	4.62	n/a	NDX	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	5/5/2008	1.28	n/a	NDX	
GDT-2	d	Benzene	71-43-2	ug/L	5/5/2008	0.16	n/a	NDX	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	5/5/2008	0.76	n/a	NDX	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	5/5/2008	0.2	n/a	NDX	
GDT-2	d	Bromoform	75-25-2	ug/L	5/5/2008	0.43	n/a	NDX	
GDT-2	d	2-Butanone	78-93-3	ug/L	5/5/2008	0.91	n/a	NDX	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	5/5/2008	0.18	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	5/5/2008	0.31	n/a	NDX	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	5/5/2008	0.17	n/a	NDX	
GDT-2	d	Chloroethane	75-00-3	ug/L	5/5/2008	0.5	n/a	NDX	
GDT-2	d	Chloroform	67-66-3	ug/L	5/5/2008	0.17	n/a	NDX	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	5/5/2008	0.26	n/a	NDX	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2008	0.86	n/a	NDX	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/5/2008	0.25	n/a	NDX	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/5/2008	1.8	n/a	NDX	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	5/5/2008	0.19	n/a	NDX	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	5/5/2008	0.2	n/a	NDX	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	5/5/2008	0.37	n/a	NDX	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2008	0.37	n/a	NDX	
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2008	0.31	n/a	NDX	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	5/5/2008	0.4	n/a	NDX	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2008	0.23	n/a	NDX	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2008	0.17	n/a	NDX	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2008	0.21	n/a	NDX	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2008	0.16	n/a	NDX	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	5/5/2008	0.25	n/a	NDX	
GDT-2	d	2-Hexanone	591-78-6	ug/L	5/5/2008	1.76	n/a	NDX	
GDT-2	d	Bromomethane	74-83-9	ug/L	5/5/2008	0.48	n/a	NDX	
GDT-2	d	Chloromethane	74-87-3	ug/L	5/5/2008	0.2	n/a	NDX	
GDT-2	d	Iodomethane	74-88-4	ug/L	5/5/2008	0.4	n/a	NDX	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	5/5/2008	0.3	n/a	NDX	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	5/5/2008	0.45	n/a	NDX	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/5/2008	0.31	n/a	NDX	
GDT-2	d	Styrene	100-42-5	ug/L	5/5/2008	0.19	n/a	NDX	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2008	0.33	n/a	NDX	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2008	0.23	n/a	NDX	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	5/5/2008	0.38	n/a	NDX	
GDT-2	d	Toluene	108-88-3	ug/L	5/5/2008	0.14	n/a	NDX	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2008	0.19	n/a	NDX	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/5/2008	0.37	n/a	NDX	
GDT-2	d	Trichloroethene	79-01-6	ug/L	5/5/2008	0.24	n/a	NDX	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	5/5/2008	0.26	n/a	NDX	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2008	0.7	n/a	NDX	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	5/5/2008	1.36	n/a	NDX	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	5/5/2008	0.26	n/a	NDX	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	5/5/2008	0.3	n/a	NDX	
GDW	d	Antimony	7440-36-0	mg/L	5/5/2008	0.006	n/a	NDX	
GDW	d	Arsenic	7440-38-2	mg/L	5/5/2008	0.001	n/a	NDX	
GDW	d	Barium	7440-39-3	mg/L	5/5/2008	n/a	n/a	X	0.1
GDW	d	Beryllium	7440-41-7	mg/L	5/5/2008	0.001	n/a	NDX	
GDW	d	Cadmium	7440-43-9	mg/L	5/5/2008	0.0005	n/a	NDX	
GDW	d	Chromium	7440-47-3	mg/L	5/5/2008	0.02	n/a	NDX	
GDW	d	Cobalt	7440-48-4	mg/L	5/5/2008	0.02	n/a	NDX	
GDW	d	Copper	7440-50-8	mg/L	5/5/2008	0.02	n/a	NDX	
GDW	d	Lead	7439-92-1	mg/L	5/5/2008	0.004	n/a	NDX	
GDW	d	Nickel	7440-02-0	mg/L	5/5/2008	0.05	n/a	NDX	
GDW	d	Selenium	7782-49-2	mg/L	5/5/2008	0.005	n/a	NDX	
GDW	d	Silver	7440-22-4	mg/L	5/5/2008	0.02	n/a	NDX	
GDW	d	Thallium	7440-28-0	mg/L	5/5/2008	0.002	n/a	NDX	
GDW	d	Vanadium	7440-62-2	mg/L	5/5/2008	0.05	n/a	NDX	
GDW	d	Zinc	7440-66-6	mg/L	5/5/2008	0.02	n/a	NDX	
GDW	d	Acetone	67-64-1	ug/L	5/5/2008	4.62	n/a	NDX	
GDW	d	Acrylonitrile	107-13-1	ug/L	5/5/2008	1.28	n/a	NDX	
GDW	d	Benzene	71-43-2	ug/L	5/5/2008	0.16	n/a	NDX	
GDW	d	Bromochloromethane	74-97-5	ug/L	5/5/2008	0.76	n/a	NDX	
GDW	d	Bromodichloromethane	75-27-4	ug/L	5/5/2008	0.2	n/a	NDX	
GDW	d	Bromoform	75-25-2	ug/L	5/5/2008	0.43	n/a	NDX	
GDW	d	2-Butanone	78-93-3	ug/L	5/5/2008	0.91	n/a	NDX	
GDW	d	Carbon Disulfide	75-15-0	ug/L	5/5/2008	0.18	n/a	NDX	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	5/5/2008	0.31	n/a	NDX	
GDW	d	Chlorobenzene	108-90-7	ug/L	5/5/2008	0.17	n/a	NDX	
GDW	d	Chloroethane	75-00-3	ug/L	5/5/2008	0.5	n/a	NDX	
GDW	d	Chloroform	67-66-3	ug/L	5/5/2008	0.17	n/a	NDX	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	5/5/2008	0.26	n/a	NDX	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2008	0.86	n/a	NDX	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/5/2008	0.25	n/a	NDX	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/5/2008	1.8	n/a	NDX	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	5/5/2008	0.19	n/a	NDX	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	5/5/2008	0.2	n/a	NDX	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	5/5/2008	0.37	n/a	NDX	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2008	0.37	n/a	NDX	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2008	0.31	n/a	NDX	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	5/5/2008	0.4	n/a	NDX	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2008	0.23	n/a	NDX	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2008	0.17	n/a	NDX	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2008	0.21	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2008	0.16	n/a	NDX	
GDW	d	Ethylbenzene	100-41-4	ug/L	5/5/2008	0.25	n/a	NDX	
GDW	d	2-Hexanone	591-78-6	ug/L	5/5/2008	1.76	n/a	NDX	
GDW	d	Bromomethane	74-83-9	ug/L	5/5/2008	0.48	n/a	NDX	
GDW	d	Chloromethane	74-87-3	ug/L	5/5/2008	0.2	n/a	NDX	
GDW	d	Iodomethane	74-88-4	ug/L	5/5/2008	0.4	n/a	NDX	
GDW	d	Methylene Bromide	74-95-3	ug/L	5/5/2008	0.3	n/a	NDX	
GDW	d	Methylene Chloride	75-09-2	ug/L	5/5/2008	0.45	n/a	NDX	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/5/2008	0.31	n/a	NDX	
GDW	d	Styrene	100-42-5	ug/L	5/5/2008	0.19	n/a	NDX	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2008	0.33	n/a	NDX	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2008	0.23	n/a	NDX	
GDW	d	Tetrachloroethene	127-18-4	ug/L	5/5/2008	0.38	n/a	NDX	
GDW	d	Toluene	108-88-3	ug/L	5/5/2008	0.14	n/a	NDX	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2008	0.19	n/a	NDX	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/5/2008	0.37	n/a	NDX	
GDW	d	Trichloroethene	79-01-6	ug/L	5/5/2008	0.24	n/a	NDX	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	5/5/2008	0.26	n/a	NDX	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2008	0.7	n/a	NDX	
GDW	d	Vinyl Acetate	108-05-4	ug/L	5/5/2008	1.36	n/a	NDX	
GDW	d	Vinyl Chloride	75-01-4	ug/L	5/5/2008	0.26	n/a	NDX	
GDW	d	Xylenes, total	1330-20-7	ug/L	5/5/2008	0.3	n/a	NDX	
MW-5AR	u	Antimony	7440-36-0	mg/L	5/5/2008	0.006	n/a	NDX	
MW-5AR	u	Arsenic	7440-38-2	mg/L	5/5/2008	n/a	n/a	X	0.0053
MW-5AR	u	Barium	7440-39-3	mg/L	5/5/2008	n/a	n/a	X	0.125
MW-5AR	u	Beryllium	7440-41-7	mg/L	5/5/2008	0.001	n/a	NDX	
MW-5AR	u	Cadmium	7440-43-9	mg/L	5/5/2008	n/a	n/a	X	0.000905
MW-5AR	u	Chromium	7440-47-3	mg/L	5/5/2008	0.02	n/a	NDX	
MW-5AR	u	Cobalt	7440-48-4	mg/L	5/5/2008	0.02	n/a	NDX	
MW-5AR	u	Copper	7440-50-8	mg/L	5/5/2008	0.02	n/a	NDX	
MW-5AR	u	Lead	7439-92-1	mg/L	5/5/2008	n/a	n/a	X	0.00538
MW-5AR	u	Nickel	7440-02-0	mg/L	5/5/2008	0.05	n/a	NDX	
MW-5AR	u	Selenium	7782-49-2	mg/L	5/5/2008	0.005	n/a	NDX	
MW-5AR	u	Silver	7440-22-4	mg/L	5/5/2008	0.02	n/a	NDX	
MW-5AR	u	Thallium	7440-28-0	mg/L	5/5/2008	0.002	n/a	NDX	
MW-5AR	u	Vanadium	7440-62-2	mg/L	5/5/2008	0.05	n/a	NDX	
MW-5AR	u	Zinc	7440-66-6	mg/L	5/5/2008	n/a	n/a	X	0.0356
MW-5AR	u	Acetone	67-64-1	ug/L	5/5/2008	4.62	n/a	NDX	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	5/5/2008	1.28	n/a	NDX	
MW-5AR	u	Benzene	71-43-2	ug/L	5/5/2008	0.16	n/a	NDX	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	5/5/2008	0.76	n/a	NDX	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	5/5/2008	0.2	n/a	NDX	
MW-5AR	u	Bromoform	75-25-2	ug/L	5/5/2008	0.43	n/a	NDX	
MW-5AR	u	2-Butanone	78-93-3	ug/L	5/5/2008	0.91	n/a	NDX	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	5/5/2008	0.18	n/a	NDX	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	5/5/2008	0.31	n/a	NDX	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	5/5/2008	0.17	n/a	NDX	
MW-5AR	u	Chloroethane	75-00-3	ug/L	5/5/2008	0.5	n/a	NDX	
MW-5AR	u	Chloroform	67-66-3	ug/L	5/5/2008	0.17	n/a	NDX	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	5/5/2008	0.26	n/a	NDX	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2008	0.86	n/a	NDX	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/5/2008	0.25	n/a	NDX	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/5/2008	1.8	n/a	NDX	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	5/5/2008	0.19	n/a	NDX	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	5/5/2008	0.2	n/a	NDX	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	5/5/2008	0.37	n/a	NDX	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2008	0.37	n/a	NDX	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2008	0.31	n/a	NDX	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	5/5/2008	0.4	n/a	NDX	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2008	0.23	n/a	NDX	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2008	0.17	n/a	NDX	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2008	0.21	n/a	NDX	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2008	0.16	n/a	NDX	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	5/5/2008	0.25	n/a	NDX	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	5/5/2008	1.76	n/a	NDX	
MW-5AR	u	Bromomethane	74-83-9	ug/L	5/5/2008	0.48	n/a	NDX	
MW-5AR	u	Chloromethane	74-87-3	ug/L	5/5/2008	0.2	n/a	NDX	
MW-5AR	u	Iodomethane	74-88-4	ug/L	5/5/2008	0.4	n/a	NDX	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	5/5/2008	0.3	n/a	NDX	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	5/5/2008	0.45	n/a	NDX	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	5/5/2008	0.31	n/a	NDX	
MW-5AR	u	Styrene	100-42-5	ug/L	5/5/2008	0.19	n/a	NDX	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2008	0.33	n/a	NDX	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2008	0.23	n/a	NDX	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	5/5/2008	0.38	n/a	NDX	
MW-5AR	u	Toluene	108-88-3	ug/L	5/5/2008	0.14	n/a	NDX	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2008	0.19	n/a	NDX	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/5/2008	0.37	n/a	NDX	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	5/5/2008	0.24	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	5/5/2008	0.26	n/a	NDX	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2008	0.7	n/a	NDX	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	5/5/2008	1.36	n/a	NDX	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	5/5/2008	0.26	n/a	NDX	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	5/5/2008	0.3	n/a	NDX	
MW-8R	d	Antimony	7440-36-0	mg/L	5/5/2008	0.006	n/a	NDX	
MW-8R	d	Arsenic	7440-38-2	mg/L	5/5/2008	n/a	n/a	X	0.0191
MW-8R	d	Barium	7440-39-3	mg/L	5/5/2008	n/a	n/a	X	0.0606
MW-8R	d	Beryllium	7440-41-7	mg/L	5/5/2008	0.001	n/a	NDX	
MW-8R	d	Cadmium	7440-43-9	mg/L	5/5/2008	0.0005	n/a	NDX	
MW-8R	d	Chromium	7440-47-3	mg/L	5/5/2008	0.02	n/a	NDX	
MW-8R	d	Cobalt	7440-48-4	mg/L	5/5/2008	0.02	n/a	NDX	
MW-8R	d	Copper	7440-50-8	mg/L	5/5/2008	0.02	n/a	NDX	
MW-8R	d	Lead	7439-92-1	mg/L	5/5/2008	0.004	n/a	NDX	
MW-8R	d	Nickel	7440-02-0	mg/L	5/5/2008	0.05	n/a	NDX	
MW-8R	d	Selenium	7782-49-2	mg/L	5/5/2008	0.005	n/a	NDX	
MW-8R	d	Silver	7440-22-4	mg/L	5/5/2008	0.02	n/a	NDX	
MW-8R	d	Thallium	7440-28-0	mg/L	5/5/2008	0.002	n/a	NDX	
MW-8R	d	Vanadium	7440-62-2	mg/L	5/5/2008	0.05	n/a	NDX	
MW-8R	d	Zinc	7440-66-6	mg/L	5/5/2008	n/a	n/a	X	0.0536
MW-8R	d	Acetone	67-64-1	ug/L	5/5/2008	4.62	n/a	NDX	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	5/5/2008	1.28	n/a	NDX	
MW-8R	d	Benzene	71-43-2	ug/L	5/5/2008	0.16	n/a	NDX	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	5/5/2008	0.76	n/a	NDX	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	5/5/2008	0.2	n/a	NDX	
MW-8R	d	Bromoform	75-25-2	ug/L	5/5/2008	0.43	n/a	NDX	
MW-8R	d	2-Butanone	78-93-3	ug/L	5/5/2008	0.91	n/a	NDX	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	5/5/2008	0.18	n/a	NDX	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	5/5/2008	0.31	n/a	NDX	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	5/5/2008	0.17	n/a	NDX	
MW-8R	d	Chloroethane	75-00-3	ug/L	5/5/2008	0.5	n/a	NDX	
MW-8R	d	Chloroform	67-66-3	ug/L	5/5/2008	0.17	n/a	NDX	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	5/5/2008	0.26	n/a	NDX	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2008	0.86	n/a	NDX	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/5/2008	0.25	n/a	NDX	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/5/2008	1.8	n/a	NDX	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	5/5/2008	0.19	n/a	NDX	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	5/5/2008	0.2	n/a	NDX	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	5/5/2008	0.37	n/a	NDX	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2008	0.37	n/a	NDX	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2008	0.31	n/a	NDX	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	5/5/2008	0.4	n/a	NDX	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2008	0.23	n/a	NDX	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2008	0.17	n/a	NDX	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2008	0.21	n/a	NDX	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2008	0.16	n/a	NDX	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	5/5/2008	0.25	n/a	NDX	
MW-8R	d	2-Hexanone	591-78-6	ug/L	5/5/2008	1.76	n/a	NDX	
MW-8R	d	Bromomethane	74-83-9	ug/L	5/5/2008	0.48	n/a	NDX	
MW-8R	d	Chloromethane	74-87-3	ug/L	5/5/2008	0.2	n/a	NDX	
MW-8R	d	Iodomethane	74-88-4	ug/L	5/5/2008	0.4	n/a	NDX	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	5/5/2008	0.3	n/a	NDX	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	5/5/2008	0.45	n/a	NDX	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/5/2008	0.31	n/a	NDX	
MW-8R	d	Styrene	100-42-5	ug/L	5/5/2008	0.19	n/a	NDX	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2008	0.33	n/a	NDX	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2008	0.23	n/a	NDX	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	5/5/2008	0.38	n/a	NDX	
MW-8R	d	Toluene	108-88-3	ug/L	5/5/2008	0.14	n/a	NDX	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2008	0.19	n/a	NDX	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/5/2008	0.37	n/a	NDX	
MW-8R	d	Trichloroethene	79-01-6	ug/L	5/5/2008	0.24	n/a	NDX	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	5/5/2008	0.26	n/a	NDX	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2008	0.7	n/a	NDX	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	5/5/2008	1.36	n/a	NDX	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	5/5/2008	0.26	n/a	NDX	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	5/5/2008	0.3	n/a	NDX	
UD-A	d	Antimony	7440-36-0	mg/L	5/5/2008	0.006	n/a	NDX	
UD-A	d	Arsenic	7440-38-2	mg/L	5/5/2008	n/a	n/a	X	0.00109
UD-A	d	Barium	7440-39-3	mg/L	5/5/2008	n/a	n/a	X	0.138
UD-A	d	Beryllium	7440-41-7	mg/L	5/5/2008	0.001	n/a	NDX	
UD-A	d	Cadmium	7440-43-9	mg/L	5/5/2008	0.0005	n/a	NDX	
UD-A	d	Chromium	7440-47-3	mg/L	5/5/2008	0.02	n/a	NDX	
UD-A	d	Cobalt	7440-48-4	mg/L	5/5/2008	0.02	n/a	NDX	
UD-A	d	Copper	7440-50-8	mg/L	5/5/2008	0.02	n/a	NDX	
UD-A	d	Lead	7439-92-1	mg/L	5/5/2008	0.004	n/a	NDX	
UD-A	d	Nickel	7440-02-0	mg/L	5/5/2008	0.05	n/a	NDX	
UD-A	d	Selenium	7782-49-2	mg/L	5/5/2008	0.005	n/a	NDX	
UD-A	d	Silver	7440-22-4	mg/L	5/5/2008	0.02	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-A	d	Thallium	7440-28-0	mg/L	5/5/2008	0.002	n/a	NDX	
UD-A	d	Vanadium	7440-62-2	mg/L	5/5/2008	0.05	n/a	NDX	
UD-A	d	Zinc	7440-66-6	mg/L	5/5/2008	n/a	n/a	X	0.0382
UD-A	d	Acetone	67-64-1	ug/L	5/5/2008	4.62	n/a	NDX	
UD-A	d	Acrylonitrile	107-13-1	ug/L	5/5/2008	1.28	n/a	NDX	
UD-A	d	Benzene	71-43-2	ug/L	5/5/2008	0.16	n/a	NDX	
UD-A	d	Bromochloromethane	74-97-5	ug/L	5/5/2008	0.76	n/a	NDX	
UD-A	d	Bromodichloromethane	75-27-4	ug/L	5/5/2008	0.2	n/a	NDX	
UD-A	d	Bromoform	75-25-2	ug/L	5/5/2008	0.43	n/a	NDX	
UD-A	d	2-Butanone	78-93-3	ug/L	5/5/2008	0.91	n/a	NDX	
UD-A	d	Carbon Disulfide	75-15-0	ug/L	5/5/2008	0.18	n/a	NDX	
UD-A	d	Carbon Tetrachloride	56-23-5	ug/L	5/5/2008	0.31	n/a	NDX	
UD-A	d	Chlorobenzene	108-90-7	ug/L	5/5/2008	0.17	n/a	NDX	
UD-A	d	Chloroethane	75-00-3	ug/L	5/5/2008	0.5	n/a	NDX	
UD-A	d	Chloroform	67-66-3	ug/L	5/5/2008	0.17	n/a	NDX	
UD-A	d	Chlorodibromomethane	124-48-1	ug/L	5/5/2008	0.26	n/a	NDX	
UD-A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2008	0.86	n/a	NDX	
UD-A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/5/2008	0.25	n/a	NDX	
UD-A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/5/2008	1.8	n/a	NDX	
UD-A	d	1,1-Dichloroethane	75-34-3	ug/L	5/5/2008	0.19	n/a	NDX	
UD-A	d	1,2-Dichloroethane	107-06-2	ug/L	5/5/2008	0.2	n/a	NDX	
UD-A	d	1,1-Dichloroethene	75-35-4	ug/L	5/5/2008	0.37	n/a	NDX	
UD-A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2008	0.37	n/a	NDX	
UD-A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2008	0.31	n/a	NDX	
UD-A	d	1,2-Dichloropropane	78-87-5	ug/L	5/5/2008	0.4	n/a	NDX	
UD-A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2008	0.23	n/a	NDX	
UD-A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2008	0.17	n/a	NDX	
UD-A	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2008	0.21	n/a	NDX	
UD-A	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2008	0.16	n/a	NDX	
UD-A	d	Ethylbenzene	100-41-4	ug/L	5/5/2008	0.25	n/a	NDX	
UD-A	d	2-Hexanone	591-78-6	ug/L	5/5/2008	1.76	n/a	NDX	
UD-A	d	Bromomethane	74-83-9	ug/L	5/5/2008	0.48	n/a	NDX	
UD-A	d	Chloromethane	74-87-3	ug/L	5/5/2008	0.2	n/a	NDX	
UD-A	d	Iodomethane	74-88-4	ug/L	5/5/2008	0.4	n/a	NDX	
UD-A	d	Methylene Bromide	74-95-3	ug/L	5/5/2008	0.3	n/a	NDX	
UD-A	d	Methylene Chloride	75-09-2	ug/L	5/5/2008	0.45	n/a	NDX	
UD-A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/5/2008	0.31	n/a	NDX	
UD-A	d	Styrene	100-42-5	ug/L	5/5/2008	0.19	n/a	NDX	
UD-A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2008	0.33	n/a	NDX	
UD-A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2008	0.23	n/a	NDX	
UD-A	d	Tetrachloroethene	127-18-4	ug/L	5/5/2008	0.38	n/a	NDX	
UD-A	d	Toluene	108-88-3	ug/L	5/5/2008	0.14	n/a	NDX	
UD-A	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2008	0.19	n/a	NDX	
UD-A	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/5/2008	0.37	n/a	NDX	
UD-A	d	Trichloroethene	79-01-6	ug/L	5/5/2008	0.24	n/a	NDX	
UD-A	d	Trichlorofluoromethane	75-69-4	ug/L	5/5/2008	0.26	n/a	NDX	
UD-A	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2008	0.7	n/a	NDX	
UD-A	d	Vinyl Acetate	108-05-4	ug/L	5/5/2008	1.36	n/a	NDX	
UD-A	d	Vinyl Chloride	75-01-4	ug/L	5/5/2008	0.26	n/a	NDX	
UD-A	d	Xylenes, total	1330-20-7	ug/L	5/5/2008	0.3	n/a	NDX	
MW-2AR	d	Antimony	7440-36-0	mg/L	6/6/2008	0.006	n/a	NDX	
MW-2AR	d	Arsenic	7440-38-2	mg/L	6/6/2008	n/a	n/a	X	0.0614
MW-2AR	d	Barium	7440-39-3	mg/L	6/6/2008	n/a	n/a	X	1.44
MW-2AR	d	Beryllium	7440-41-7	mg/L	6/6/2008	0.001	n/a	NDX	
MW-2AR	d	Cadmium	7440-43-9	mg/L	6/6/2008	0.0005	n/a	NDX	
MW-2AR	d	Chromium	7440-47-3	mg/L	6/6/2008	0.02	n/a	NDX	
MW-2AR	d	Cobalt	7440-48-4	mg/L	6/6/2008	0.02	n/a	NDX	
MW-2AR	d	Copper	7440-50-8	mg/L	6/6/2008	0.02	n/a	NDX	
MW-2AR	d	Lead	7439-92-1	mg/L	6/6/2008	0.004	n/a	NDX	
MW-2AR	d	Nickel	7440-02-0	mg/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Selenium	7782-49-2	mg/L	6/6/2008	0.005	n/a	NDX	
MW-2AR	d	Silver	7440-22-4	mg/L	6/6/2008	0.02	n/a	NDX	
MW-2AR	d	Thallium	7440-28-0	mg/L	6/6/2008	0.002	n/a	NDX	
MW-2AR	d	Vanadium	7440-62-2	mg/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Zinc	7440-66-6	mg/L	6/6/2008	n/a	n/a	X	0.0935
MW-2AR	d	Mercury	7439-97-6	mg/L	6/6/2008	0.0002	n/a	NDX	
MW-2AR	d	Tin	7440-31-5	mg/L	6/6/2008	0.1	n/a	NDX	
MW-2AR	d	Acetone	67-64-1	ug/L	6/6/2008	4.62	n/a	NDX	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	6/6/2008	1.28	n/a	NDX	
MW-2AR	d	Benzene	71-43-2	ug/L	6/6/2008	n/a	n/a	X	0.7
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	6/6/2008	0.76	n/a	NDX	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	6/6/2008	0.2	n/a	NDX	
MW-2AR	d	Bromoform	75-25-2	ug/L	6/6/2008	0.43	n/a	NDX	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	6/6/2008	0.18	n/a	NDX	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	6/6/2008	0.31	n/a	NDX	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	6/6/2008	0.17	n/a	NDX	
MW-2AR	d	Chloroethane	75-00-3	ug/L	6/6/2008	n/a	n/a	X	11.4
MW-2AR	d	Chloroform	67-66-3	ug/L	6/6/2008	0.17	n/a	NDX	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	6/6/2008	0.26	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/6/2008	0.86	n/a	NDX	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/6/2008	0.25	n/a	NDX	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/6/2008	1.8	n/a	NDX	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	6/6/2008	n/a	n/a	JX	0.58
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	6/6/2008	0.2	n/a	NDX	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	6/6/2008	0.37	n/a	NDX	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/6/2008	0.37	n/a	NDX	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/6/2008	0.31	n/a	NDX	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	6/6/2008	0.4	n/a	NDX	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/6/2008	0.23	n/a	NDX	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/6/2008	0.17	n/a	NDX	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/6/2008	0.21	n/a	NDX	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/6/2008	0.16	n/a	NDX	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	6/6/2008	0.25	n/a	NDX	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	6/6/2008	1.76	n/a	NDX	
MW-2AR	d	Bromomethane	74-83-9	ug/L	6/6/2008	0.48	n/a	NDX	
MW-2AR	d	Chloromethane	74-87-3	ug/L	6/6/2008	0.2	n/a	NDX	
MW-2AR	d	Iodomethane	74-88-4	ug/L	6/6/2008	0.4	n/a	NDX	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	6/6/2008	n/a	n/a	JX	0.91
MW-2AR	d	Styrene	100-42-5	ug/L	6/6/2008	0.19	n/a	NDX	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/6/2008	0.33	n/a	NDX	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/6/2008	0.23	n/a	NDX	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	6/6/2008	n/a	n/a	JX	0.42
MW-2AR	d	Toluene	108-88-3	ug/L	6/6/2008	0.14	n/a	NDX	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/6/2008	0.19	n/a	NDX	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/6/2008	0.37	n/a	NDX	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	6/6/2008	0.24	n/a	NDX	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	6/6/2008	0.26	n/a	NDX	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/6/2008	0.7	n/a	NDX	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	6/6/2008	1.36	n/a	NDX	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	6/6/2008	0.26	n/a	NDX	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	6/6/2008	0.3	n/a	NDX	
MW-2AR	d	1,1-Dichloropropene	563-58-6	ug/L	6/6/2008	0.24	n/a	NDX	
MW-2AR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/6/2008	1.38	n/a	NDX	
MW-2AR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/6/2008	0.49	n/a	NDX	
MW-2AR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/6/2008	1.05	n/a	NDX	
MW-2AR	d	1,3-Dichlorobenzene	541-73-1	ug/L	6/6/2008	0.22	n/a	NDX	
MW-2AR	d	1,3-Dichloropropane	142-28-9	ug/L	6/6/2008	0.19	n/a	NDX	
MW-2AR	d	1,3-Dinitrobenzene	99-65-0	ug/L	6/6/2008	5.74	n/a	NDX	
MW-2AR	d	1,4-Naphthoquinone	130-15-4	ug/L	6/6/2008	1.29	n/a	NDX	
MW-2AR	d	1,4-Phenylenediamine	106-50-3	ug/L	6/6/2008	8.4	n/a	NDX	
MW-2AR	d	1-Naphthylamine	134-32-7	ug/L	6/6/2008	4.22	n/a	NDX	
MW-2AR	d	2,2-Dichloropropane	594-20-7	ug/L	6/6/2008	0.48	n/a	NDX	
MW-2AR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/6/2008	5.58	n/a	NDX	
MW-2AR	d	2,4,5-T [2C]	93-76-5	ug/L	6/6/2008	0.033	n/a	NDX	
MW-2AR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	6/6/2008	2.65	n/a	NDX	
MW-2AR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	6/6/2008	3.07	n/a	NDX	
MW-2AR	d	2,4-D [2C]	94-75-7	ug/L	6/6/2008	0.0667	n/a	NDX	
MW-2AR	d	2,4-Dichlorophenol	120-83-2	ug/L	6/6/2008	1.47	n/a	NDX	
MW-2AR	d	2,4-Dimethylphenol	105-67-9	ug/L	6/6/2008	2.38	n/a	NDX	
MW-2AR	d	2,4-Dinitrophenol	51-28-5	ug/L	6/6/2008	1.19	n/a	NDX	
MW-2AR	d	2,4-Dinitrotoluene	121-14-2	ug/L	6/6/2008	1.51	n/a	NDX	
MW-2AR	d	2,6-Dichlorophenol	87-65-0	ug/L	6/6/2008	5.61	n/a	NDX	
MW-2AR	d	2,6-Dinitrotoluene	606-20-2	ug/L	6/6/2008	1.05	n/a	NDX	
MW-2AR	d	2-Acetylaminofluorene	53-96-3	ug/L	6/6/2008	1.05	n/a	NDX	
MW-2AR	d	2-Butanone	78-93-3	ug/L	6/6/2008	0.91	n/a	NDX	
MW-2AR	d	2-Chloronaphthalene	91-58-7	ug/L	6/6/2008	2.9	n/a	NDX	
MW-2AR	d	2-Chlorophenol	95-57-8	ug/L	6/6/2008	1.68	n/a	NDX	
MW-2AR	d	2-Methylnaphthalene	91-57-6	ug/L	6/6/2008	1	n/a	NDX	
MW-2AR	d	2-Methylphenol	95-48-7	ug/L	6/6/2008	2.19	n/a	NDX	
MW-2AR	d	2-Naphthylamine	91-59-8	ug/L	6/6/2008	8.52	n/a	NDX	
MW-2AR	d	2-Nitroaniline	88-74-4	ug/L	6/6/2008	3.02	n/a	NDX	
MW-2AR	d	2-Nitrophenol	88-75-5	ug/L	6/6/2008	1.63	n/a	NDX	
MW-2AR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	6/6/2008	79.5	n/a	NDX	
MW-2AR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	6/6/2008	12.2	n/a	NDX	
MW-2AR	d	3/4-Methylphenol	T-34MP	ug/L	6/6/2008	2.27	n/a	NDX	
MW-2AR	d	3-Methylcholanthrene	56-49-5	ug/L	6/6/2008	6.35	n/a	NDX	
MW-2AR	d	3-Nitroaniline	99-09-2	ug/L	6/6/2008	2.55	n/a	NDX	
MW-2AR	d	4,4'-DDD	72-54-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	4,4'-DDE	72-55-9	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	4,4'-DDT	50-29-3	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/6/2008	1.37	n/a	NDX	
MW-2AR	d	4-Aminobiphenyl	92-67-1	ug/L	6/6/2008	10.1	n/a	NDX	
MW-2AR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/6/2008	1.51	n/a	NDX	
MW-2AR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	6/6/2008	2.16	n/a	NDX	
MW-2AR	d	4-Chloroaniline	106-47-8	ug/L	6/6/2008	2.36	n/a	NDX	
MW-2AR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/6/2008	2.6	n/a	NDX	
MW-2AR	d	4-Nitroaniline	100-01-6	ug/L	6/6/2008	1.37	n/a	NDX	
MW-2AR	d	4-Nitrophenol	100-02-7	ug/L	6/6/2008	1.08	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	5-Nitro-o-toluidine	99-55-8	ug/L	6/6/2008	5.41	n/a	NDX	
MW-2AR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/6/2008	5.82	n/a	NDX	
MW-2AR	d	Acenaphthene	83-32-9	ug/L	6/6/2008	2.05	n/a	NDX	
MW-2AR	d	Acenaphthylene	208-96-8	ug/L	6/6/2008	1.68	n/a	NDX	
MW-2AR	d	Acetonitrile	75-05-8	ug/L	6/6/2008	10000	n/a	NDX	
MW-2AR	d	Acetophenone	98-86-2	ug/L	6/6/2008	1.37	n/a	NDX	
MW-2AR	d	Acrolein	107-02-8	ug/L	6/6/2008	4.37	n/a	NDX	
MW-2AR	d	Aldrin	309-00-2	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	3-Chloropropene	107-05-1	ug/L	6/6/2008	0.28	n/a	NDX	
MW-2AR	d	alpha-BHC	319-84-6	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Anthracene	120-12-7	ug/L	6/6/2008	1.96	n/a	NDX	
MW-2AR	d	Benzo [a] anthracene	56-55-3	ug/L	6/6/2008	2.34	n/a	NDX	
MW-2AR	d	Benzo [a] pyrene	50-32-8	ug/L	6/6/2008	2.35	n/a	NDX	
MW-2AR	d	Benzo [b] fluoranthene	205-99-2	ug/L	6/6/2008	1.27	n/a	NDX	
MW-2AR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	6/6/2008	2.59	n/a	NDX	
MW-2AR	d	Benzo [k] fluoranthene	207-08-9	ug/L	6/6/2008	1.35	n/a	NDX	
MW-2AR	d	Benzyl alcohol	100-51-6	ug/L	6/6/2008	1.15	n/a	NDX	
MW-2AR	d	beta-BHC	319-85-7	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/6/2008	2.7	n/a	NDX	
MW-2AR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/6/2008	1.37	n/a	NDX	
MW-2AR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/6/2008	1.27	n/a	NDX	
MW-2AR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/6/2008	1.87	n/a	NDX	
MW-2AR	d	Butyl benzyl phthalate	85-68-7	ug/L	6/6/2008	1.39	n/a	NDX	
MW-2AR	d	Chlorobenzilate	510-15-6	ug/L	6/6/2008	1.24	n/a	NDX	
MW-2AR	d	Chloroprene	126-99-8	ug/L	6/6/2008	0.28	n/a	NDX	
MW-2AR	d	Chrysene	218-01-9	ug/L	6/6/2008	1.27	n/a	NDX	
MW-2AR	d	Cyanide	57-12-5	mg/L	6/6/2008	0.01	n/a	NDX	
MW-2AR	d	delta-BHC	319-86-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Diallate [cis or trans]	2303-16-4	ug/L	6/6/2008	2.27	n/a	NDX	
MW-2AR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	6/6/2008	1.5	n/a	NDX	
MW-2AR	d	Dibenzofuran	132-64-9	ug/L	6/6/2008	2.56	n/a	NDX	
MW-2AR	d	Dichlorodifluoromethane	75-71-8	ug/L	6/6/2008	0.39	n/a	NDX	
MW-2AR	d	Dieldrin	60-57-1	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Diethyl phthalate	84-66-2	ug/L	6/6/2008	1.18	n/a	NDX	
MW-2AR	d	Dimethoate	60-51-5	ug/L	6/6/2008	4.75	n/a	NDX	
MW-2AR	d	Dimethyl phthalate	131-11-3	ug/L	6/6/2008	2.58	n/a	NDX	
MW-2AR	d	Dimethylaminoazobenzene	60-11-7	ug/L	6/6/2008	4.07	n/a	NDX	
MW-2AR	d	Di-n-butyl phthalate	84-74-2	ug/L	6/6/2008	1.29	n/a	NDX	
MW-2AR	d	Di-n-octyl phthalate	117-84-0	ug/L	6/6/2008	1.62	n/a	NDX	
MW-2AR	d	Dinoseb	88-85-7	ug/L	6/6/2008	1.06	n/a	NDX	
MW-2AR	d	Diphenylamine	122-39-4	ug/L	6/6/2008	5.08	n/a	NDX	
MW-2AR	d	Disulfoton	298-04-4	ug/L	6/6/2008	62.7	n/a	NDX	
MW-2AR	d	Endosulfan I	959-98-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Endosulfan II	33213-65-9	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Endosulfan sulfate	1031-07-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Endrin	72-20-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Endrin aldehyde	7421-93-4	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Ethyl Methacrylate	97-63-2	ug/L	6/6/2008	0.26	n/a	NDX	
MW-2AR	d	Ethyl Methanesulfonate	62-50-0	ug/L	6/6/2008	1.52	n/a	NDX	
MW-2AR	d	Famphur	52-85-7	ug/L	6/6/2008	11.9	n/a	NDX	
MW-2AR	d	Fluoranthene	206-44-0	ug/L	6/6/2008	1.5	n/a	NDX	
MW-2AR	d	Fluorene	86-73-7	ug/L	6/6/2008	2.31	n/a	NDX	
MW-2AR	d	gamma-BHC [Lindane]	58-89-9	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Heptachlor	76-44-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Heptachlor epoxide	1024-57-3	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Hexachlorobenzene	118-74-1	ug/L	6/6/2008	1.19	n/a	NDX	
MW-2AR	d	Hexachlorobutadiene	87-68-3	ug/L	6/6/2008	1.65	n/a	NDX	
MW-2AR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	6/6/2008	1.28	n/a	NDX	
MW-2AR	d	Hexachloroethane	67-72-1	ug/L	6/6/2008	1.85	n/a	NDX	
MW-2AR	d	Hexachloropropene	1888-71-7	ug/L	6/6/2008	1.34	n/a	NDX	
MW-2AR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/6/2008	1.19	n/a	NDX	
MW-2AR	d	Isobutanol	78-83-1	mg/L	6/6/2008	10	n/a	NDX	
MW-2AR	d	Isodrin	465-73-6	ug/L	6/6/2008	4.3	n/a	NDX	
MW-2AR	d	Isophorone	78-59-1	ug/L	6/6/2008	2.72	n/a	NDX	
MW-2AR	d	Isosafrole	120-58-1	ug/L	6/6/2008	2.4	n/a	NDX	
MW-2AR	d	Kepone	143-50-0	ug/L	6/6/2008	2.36	n/a	NDX	
MW-2AR	d	Methacrylonitrile	126-98-7	ug/L	6/6/2008	0.56	n/a	NDX	
MW-2AR	d	Methapyrilene	91-80-5	ug/L	6/6/2008	2.58	n/a	NDX	
MW-2AR	d	Methoxychlor	72-43-5	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Methyl Methacrylate	80-62-6	ug/L	6/6/2008	0.78	n/a	NDX	
MW-2AR	d	Methyl Methanesulfonate	66-27-3	ug/L	6/6/2008	1.12	n/a	NDX	
MW-2AR	d	Naphthalene	91-20-3	ug/L	6/6/2008	0.35	n/a	NDX	
MW-2AR	d	Nitrobenzene	98-95-3	ug/L	6/6/2008	1.17	n/a	NDX	
MW-2AR	d	N-Nitrosodiethylamine	55-18-5	ug/L	6/6/2008	1.85	n/a	NDX	
MW-2AR	d	N-Nitrosodimethylamine	62-75-9	ug/L	6/6/2008	1.5	n/a	NDX	
MW-2AR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/6/2008	2.51	n/a	NDX	
MW-2AR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/6/2008	1.63	n/a	NDX	
MW-2AR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	6/6/2008	5.08	n/a	NDX	
MW-2AR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/6/2008	1.27	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	N-Nitrosopiperidine	100-75-4	ug/L	6/6/2008	1.13	n/a	NDX	
MW-2AR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	6/6/2008	1.44	n/a	NDX	
MW-2AR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	6/6/2008	23.5	n/a	NDX	
MW-2AR	d	o-Toluidine	95-53-4	ug/L	6/6/2008	4.7	n/a	NDX	
MW-2AR	d	Parathion-ethyl	56-38-2	ug/L	6/6/2008	5.78	n/a	NDX	
MW-2AR	d	Parathion-methyl	298-00-0	ug/L	6/6/2008	5.87	n/a	NDX	
MW-2AR	d	PCB-1016	12674-11-2	ug/L	6/6/2008	0.14	n/a	NDX	
MW-2AR	d	PCB-1221	11104-28-2	ug/L	6/6/2008	0.49	n/a	NDX	
MW-2AR	d	PCB-1232	11141-16-5	ug/L	6/6/2008	0.12	n/a	NDX	
MW-2AR	d	PCB-1242	53469-21-9	ug/L	6/6/2008	0.16	n/a	NDX	
MW-2AR	d	PCB-1248	12672-29-6	ug/L	6/6/2008	0.12	n/a	NDX	
MW-2AR	d	PCB-1254	11097-69-1	ug/L	6/6/2008	0.044	n/a	NDX	
MW-2AR	d	PCB-1260	11096-82-5	ug/L	6/6/2008	0.075	n/a	NDX	
MW-2AR	d	PCB-1268	11100-14-4	ug/L	6/6/2008	0.068	n/a	NDX	
MW-2AR	d	Pentachlorobenzene	608-93-5	ug/L	6/6/2008	2.69	n/a	NDX	
MW-2AR	d	Pentachloronitrobenzene	82-68-8	ug/L	6/6/2008	1.38	n/a	NDX	
MW-2AR	d	Pentachlorophenol [2C]	87-86-5	ug/L	6/6/2008	1.58	n/a	NDX	
MW-2AR	d	Phenacetin	62-44-2	ug/L	6/6/2008	1.42	n/a	NDX	
MW-2AR	d	Phenanthrene	85-01-8	ug/L	6/6/2008	2.31	n/a	NDX	
MW-2AR	d	Phenol	108-95-2	ug/L	6/6/2008	11.6	n/a	NDX	
MW-2AR	d	Phorate	298-02-2	ug/L	6/6/2008	56.4	n/a	NDX	
MW-2AR	d	Pronamide	23950-58-5	ug/L	6/6/2008	1.44	n/a	NDX	
MW-2AR	d	Propionitrile	107-12-0	ug/L	6/6/2008	2.84	n/a	NDX	
MW-2AR	d	Pyrene	129-00-0	ug/L	6/6/2008	2.6	n/a	NDX	
MW-2AR	d	Safrrole	94-59-7	ug/L	6/6/2008	4.8	n/a	NDX	
MW-2AR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/6/2008	0.017	n/a	NDX	
MW-2AR	d	Sulfide	18496-25-8	mg/L	6/6/2008	2	n/a	NDX	
MW-2AR	d	Thionazin	297-97-2	ug/L	6/6/2008	1.16	n/a	NDX	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/6/2008	0.31	n/a	NDX	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	6/6/2008	0.3	n/a	NDX	
MW-2AR	d	2,4-DB	94-82-6	ug/L	6/6/2008	0.0667	n/a	NDX	
MW-2AR	d	alpha-Chlordane	5103-71-9	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	Dalapon	75-99-0	ug/L	6/6/2008	0.167	n/a	NDX	
MW-2AR	d	Dicamba	1918-00-9	ug/L	6/6/2008	0.033	n/a	NDX	
MW-2AR	d	Dichloroprop	120-36-5	ug/L	6/6/2008	0.0667	n/a	NDX	
MW-2AR	d	Endrin ketone	53494-70-5	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	gamma-Chlordane	5566-34-7	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2AR	d	MCPA	94-74-6	ug/L	6/6/2008	3.33	n/a	NDX	
MW-2AR	d	MCPP	7085-19-0	ug/L	6/6/2008	3.33	n/a	NDX	
MW-2AR	d	Pentachloroethane	76-01-7	ug/L	6/6/2008	1.1	n/a	NDX	
MW-2AR	d	Picloram	6607	ug/L	6/6/2008	0.033	n/a	NDX	
MW-2AR	d	Pyridine	110-86-1	ug/L	6/6/2008	1.04	n/a	NDX	
MW-2BR	d	Antimony	7440-36-0	mg/L	6/6/2008	0.006	n/a	NDX	
MW-2BR	d	Arsenic	7440-38-2	mg/L	6/6/2008	n/a	n/a	X	0.06
MW-2BR	d	Barium	7440-39-3	mg/L	6/6/2008	n/a	n/a	X	9.28
MW-2BR	d	Beryllium	7440-41-7	mg/L	6/6/2008	n/a	n/a	X	0.017
MW-2BR	d	Cadmium	7440-43-9	mg/L	6/6/2008	n/a	n/a	X	0.0104
MW-2BR	d	Chromium	7440-47-3	mg/L	6/6/2008	n/a	n/a	X	0.108
MW-2BR	d	Cobalt	7440-48-4	mg/L	6/6/2008	0.1	n/a	NDX	
MW-2BR	d	Copper	7440-50-8	mg/L	6/6/2008	0.1	n/a	NDX	
MW-2BR	d	Lead	7439-92-1	mg/L	6/6/2008	n/a	n/a	X	0.109
MW-2BR	d	Nickel	7440-02-0	mg/L	6/6/2008	n/a	n/a	X	0.283
MW-2BR	d	Selenium	7782-49-2	mg/L	6/6/2008	0.005	n/a	NDX	
MW-2BR	d	Silver	7440-22-4	mg/L	6/6/2008	0.1	n/a	NDX	
MW-2BR	d	Thallium	7440-28-0	mg/L	6/6/2008	0.002	n/a	NDX	
MW-2BR	d	Vanadium	7440-62-2	mg/L	6/6/2008	n/a	n/a	X	0.569
MW-2BR	d	Zinc	7440-66-6	mg/L	6/6/2008	n/a	n/a	X	1.95
MW-2BR	d	Mercury	7439-97-6	mg/L	6/6/2008	0.0002	n/a	NDX	
MW-2BR	d	Tin	7440-31-5	mg/L	6/6/2008	0.5	n/a	NDX	
MW-2BR	d	Acetone	67-64-1	ug/L	6/6/2008	n/a	n/a	JX	5.4
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	6/6/2008	1.28	n/a	NDX	
MW-2BR	d	Benzene	71-43-2	ug/L	6/6/2008	0.16	n/a	NDX	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	6/6/2008	0.76	n/a	NDX	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	6/6/2008	0.2	n/a	NDX	
MW-2BR	d	Bromoform	75-25-2	ug/L	6/6/2008	0.43	n/a	NDX	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	6/6/2008	n/a	n/a	JX	0.19
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	6/6/2008	0.31	n/a	NDX	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	6/6/2008	0.17	n/a	NDX	
MW-2BR	d	Chloroethane	75-00-3	ug/L	6/6/2008	n/a	n/a	JX	1.3
MW-2BR	d	Chloroform	67-66-3	ug/L	6/6/2008	0.17	n/a	NDX	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	6/6/2008	0.26	n/a	NDX	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	6/6/2008	0.86	n/a	NDX	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/6/2008	0.25	n/a	NDX	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	6/6/2008	1.8	n/a	NDX	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	6/6/2008	0.19	n/a	NDX	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	6/6/2008	0.2	n/a	NDX	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	6/6/2008	0.37	n/a	NDX	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/6/2008	0.37	n/a	NDX	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/6/2008	0.31	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	6/6/2008	0.4	n/a	NDX	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/6/2008	0.23	n/a	NDX	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/6/2008	0.17	n/a	NDX	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/6/2008	0.21	n/a	NDX	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/6/2008	0.16	n/a	NDX	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	6/6/2008	0.25	n/a	NDX	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	6/6/2008	1.76	n/a	NDX	
MW-2BR	d	Bromomethane	74-83-9	ug/L	6/6/2008	0.48	n/a	NDX	
MW-2BR	d	Chloromethane	74-87-3	ug/L	6/6/2008	0.2	n/a	NDX	
MW-2BR	d	Iodomethane	74-88-4	ug/L	6/6/2008	0.4	n/a	NDX	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	6/6/2008	n/a	n/a	JX	0.55
MW-2BR	d	Styrene	100-42-5	ug/L	6/6/2008	0.19	n/a	NDX	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/6/2008	0.33	n/a	NDX	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/6/2008	0.23	n/a	NDX	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	6/6/2008	0.38	n/a	NDX	
MW-2BR	d	Toluene	108-88-3	ug/L	6/6/2008	0.14	n/a	NDX	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/6/2008	0.19	n/a	NDX	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/6/2008	0.37	n/a	NDX	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	6/6/2008	0.24	n/a	NDX	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	6/6/2008	0.26	n/a	NDX	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/6/2008	0.7	n/a	NDX	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	6/6/2008	1.36	n/a	NDX	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	6/6/2008	0.26	n/a	NDX	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	6/6/2008	0.3	n/a	NDX	
MW-2BR	d	1,1-Dichloropropene	563-58-6	ug/L	6/6/2008	0.24	n/a	NDX	
MW-2BR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/6/2008	1.38	n/a	NDX	
MW-2BR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/6/2008	0.49	n/a	NDX	
MW-2BR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/6/2008	1.05	n/a	NDX	
MW-2BR	d	1,3-Dichlorobenzene	541-73-1	ug/L	6/6/2008	0.22	n/a	NDX	
MW-2BR	d	1,3-Dichloropropane	142-28-9	ug/L	6/6/2008	0.19	n/a	NDX	
MW-2BR	d	1,3-Dinitrobenzene	99-65-0	ug/L	6/6/2008	5.74	n/a	NDX	
MW-2BR	d	1,4-Naphthoquinone	130-15-4	ug/L	6/6/2008	1.29	n/a	NDX	
MW-2BR	d	1,4-Phenylenediamine	106-50-3	ug/L	6/6/2008	8.4	n/a	NDX	
MW-2BR	d	1-Naphthylamine	134-32-7	ug/L	6/6/2008	4.22	n/a	NDX	
MW-2BR	d	2,2-Dichloropropane	594-20-7	ug/L	6/6/2008	0.48	n/a	NDX	
MW-2BR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/6/2008	5.58	n/a	NDX	
MW-2BR	d	2,4,5-T [2C]	93-76-5	ug/L	6/6/2008	0.033	n/a	NDX	
MW-2BR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	6/6/2008	2.65	n/a	NDX	
MW-2BR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	6/6/2008	3.07	n/a	NDX	
MW-2BR	d	2,4-D [2C]	94-75-7	ug/L	6/6/2008	0.0667	n/a	NDX	
MW-2BR	d	2,4-Dichlorophenol	120-83-2	ug/L	6/6/2008	1.47	n/a	NDX	
MW-2BR	d	2,4-Dimethylphenol	105-67-9	ug/L	6/6/2008	2.38	n/a	NDX	
MW-2BR	d	2,4-Dinitrophenol	51-28-5	ug/L	6/6/2008	1.19	n/a	NDX	
MW-2BR	d	2,4-Dinitrotoluene	121-14-2	ug/L	6/6/2008	1.51	n/a	NDX	
MW-2BR	d	2,6-Dichlorophenol	87-65-0	ug/L	6/6/2008	5.61	n/a	NDX	
MW-2BR	d	2,6-Dinitrotoluene	606-20-2	ug/L	6/6/2008	1.05	n/a	NDX	
MW-2BR	d	2-Acetylaminofluorene	53-96-3	ug/L	6/6/2008	1.05	n/a	NDX	
MW-2BR	d	2-Butanone	78-93-3	ug/L	6/6/2008	n/a	n/a	JX	0.91
MW-2BR	d	2-Chloronaphthalene	91-58-7	ug/L	6/6/2008	2.9	n/a	NDX	
MW-2BR	d	2-Chlorophenol	95-57-8	ug/L	6/6/2008	1.68	n/a	NDX	
MW-2BR	d	2-Methylnaphthalene	91-57-6	ug/L	6/6/2008	1	n/a	NDX	
MW-2BR	d	2-Methylphenol	95-48-7	ug/L	6/6/2008	2.19	n/a	NDX	
MW-2BR	d	2-Naphthylamine	91-59-8	ug/L	6/6/2008	8.52	n/a	NDX	
MW-2BR	d	2-Nitroaniline	88-74-4	ug/L	6/6/2008	3.02	n/a	NDX	
MW-2BR	d	2-Nitrophenol	88-75-5	ug/L	6/6/2008	1.63	n/a	NDX	
MW-2BR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	6/6/2008	79.5	n/a	NDX	
MW-2BR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	6/6/2008	12.2	n/a	NDX	
MW-2BR	d	3/4-Methylphenol	T-34MP	ug/L	6/6/2008	2.27	n/a	NDX	
MW-2BR	d	3-Methylcholanthrene	56-49-5	ug/L	6/6/2008	6.35	n/a	NDX	
MW-2BR	d	3-Nitroaniline	99-09-2	ug/L	6/6/2008	2.55	n/a	NDX	
MW-2BR	d	4,4'-DDD	72-54-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	4,4'-DDE	72-55-9	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	4,4'-DDT	50-29-3	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/6/2008	1.37	n/a	NDX	
MW-2BR	d	4-Aminobiphenyl	92-67-1	ug/L	6/6/2008	10.1	n/a	NDX	
MW-2BR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/6/2008	1.51	n/a	NDX	
MW-2BR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	6/6/2008	2.16	n/a	NDX	
MW-2BR	d	4-Chloroaniline	106-47-8	ug/L	6/6/2008	2.36	n/a	NDX	
MW-2BR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/6/2008	2.6	n/a	NDX	
MW-2BR	d	4-Nitroaniline	100-01-6	ug/L	6/6/2008	1.37	n/a	NDX	
MW-2BR	d	4-Nitrophenol	100-02-7	ug/L	6/6/2008	1.08	n/a	NDX	
MW-2BR	d	5-Nitro-o-toluidine	99-55-8	ug/L	6/6/2008	5.41	n/a	NDX	
MW-2BR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/6/2008	5.82	n/a	NDX	
MW-2BR	d	Acenaphthene	83-32-9	ug/L	6/6/2008	2.05	n/a	NDX	
MW-2BR	d	Acenaphthylene	208-96-8	ug/L	6/6/2008	1.68	n/a	NDX	
MW-2BR	d	Acetonitrile	75-05-8	ug/L	6/6/2008	10000	n/a	NDX	
MW-2BR	d	Acetophenone	98-86-2	ug/L	6/6/2008	1.37	n/a	NDX	
MW-2BR	d	Acrolein	107-02-8	ug/L	6/6/2008	4.37	n/a	NDX	
MW-2BR	d	Aldrin	309-00-2	ug/L	6/6/2008	0.05	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	3-Chloropropene	107-05-1	ug/L	6/6/2008	0.28	n/a	NDX	
MW-2BR	d	alpha-BHC	319-84-6	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Anthracene	120-12-7	ug/L	6/6/2008	1.96	n/a	NDX	
MW-2BR	d	Benzo [a] anthracene	56-55-3	ug/L	6/6/2008	2.34	n/a	NDX	
MW-2BR	d	Benzo [a] pyrene	50-32-8	ug/L	6/6/2008	2.35	n/a	NDX	
MW-2BR	d	Benzo [b] fluoranthene	205-99-2	ug/L	6/6/2008	1.27	n/a	NDX	
MW-2BR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	6/6/2008	2.59	n/a	NDX	
MW-2BR	d	Benzo [k] fluoranthene	207-08-9	ug/L	6/6/2008	1.35	n/a	NDX	
MW-2BR	d	Benzyl alcohol	100-51-6	ug/L	6/6/2008	1.15	n/a	NDX	
MW-2BR	d	beta-BHC	319-85-7	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/6/2008	2.7	n/a	NDX	
MW-2BR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/6/2008	1.37	n/a	NDX	
MW-2BR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/6/2008	1.27	n/a	NDX	
MW-2BR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/6/2008	1.87	n/a	NDX	
MW-2BR	d	Butyl benzyl phthalate	85-68-7	ug/L	6/6/2008	1.39	n/a	NDX	
MW-2BR	d	Chlorobenzilate	510-15-6	ug/L	6/6/2008	1.24	n/a	NDX	
MW-2BR	d	Chloroprene	126-99-8	ug/L	6/6/2008	0.28	n/a	NDX	
MW-2BR	d	Chrysene	218-01-9	ug/L	6/6/2008	1.27	n/a	NDX	
MW-2BR	d	Cyanide	57-12-5	mg/L	6/6/2008	0.01	n/a	NDX	
MW-2BR	d	delta-BHC	319-86-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Diallate [cis or trans]	2303-16-4	ug/L	6/6/2008	2.27	n/a	NDX	
MW-2BR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	6/6/2008	1.5	n/a	NDX	
MW-2BR	d	Dibenzofuran	132-64-9	ug/L	6/6/2008	2.56	n/a	NDX	
MW-2BR	d	Dichlorodifluoromethane	75-71-8	ug/L	6/6/2008	0.39	n/a	NDX	
MW-2BR	d	Dieldrin	60-57-1	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Diethyl phthalate	84-66-2	ug/L	6/6/2008	1.18	n/a	NDX	
MW-2BR	d	Dimethoate	60-51-5	ug/L	6/6/2008	4.75	n/a	NDX	
MW-2BR	d	Dimethyl phthalate	131-11-3	ug/L	6/6/2008	2.58	n/a	NDX	
MW-2BR	d	Dimethylaminoazobenzene	60-11-7	ug/L	6/6/2008	4.07	n/a	NDX	
MW-2BR	d	Di-n-butyl phthalate	84-74-2	ug/L	6/6/2008	1.29	n/a	NDX	
MW-2BR	d	Di-n-octyl phthalate	117-84-0	ug/L	6/6/2008	1.62	n/a	NDX	
MW-2BR	d	Dinoseb	88-85-7	ug/L	6/6/2008	1.06	n/a	NDX	
MW-2BR	d	Diphenylamine	122-39-4	ug/L	6/6/2008	5.08	n/a	NDX	
MW-2BR	d	Disulfoton	298-04-4	ug/L	6/6/2008	62.7	n/a	NDX	
MW-2BR	d	Endosulfan I	959-98-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Endosulfan II	33213-65-9	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Endosulfan sulfate	1031-07-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Endrin	72-20-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Endrin aldehyde	7421-93-4	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Ethyl Methacrylate	97-63-2	ug/L	6/6/2008	0.26	n/a	NDX	
MW-2BR	d	Ethyl Methanesulfonate	62-50-0	ug/L	6/6/2008	1.52	n/a	NDX	
MW-2BR	d	Famphur	52-85-7	ug/L	6/6/2008	11.9	n/a	NDX	
MW-2BR	d	Fluoranthene	206-44-0	ug/L	6/6/2008	1.5	n/a	NDX	
MW-2BR	d	Fluorene	86-73-7	ug/L	6/6/2008	2.31	n/a	NDX	
MW-2BR	d	gamma-BHC [Lindane]	58-89-9	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Heptachlor	76-44-8	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Heptachlor epoxide	1024-57-3	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Hexachlorobenzene	118-74-1	ug/L	6/6/2008	1.19	n/a	NDX	
MW-2BR	d	Hexachlorobutadiene	87-68-3	ug/L	6/6/2008	1.65	n/a	NDX	
MW-2BR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	6/6/2008	1.28	n/a	NDX	
MW-2BR	d	Hexachloroethane	67-72-1	ug/L	6/6/2008	1.85	n/a	NDX	
MW-2BR	d	Hexachloropropene	1888-71-7	ug/L	6/6/2008	1.34	n/a	NDX	
MW-2BR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/6/2008	1.19	n/a	NDX	
MW-2BR	d	Isobutanol	78-83-1	mg/L	6/6/2008	10	n/a	NDX	
MW-2BR	d	Isodrin	465-73-6	ug/L	6/6/2008	4.3	n/a	NDX	
MW-2BR	d	Isophorone	78-59-1	ug/L	6/6/2008	2.72	n/a	NDX	
MW-2BR	d	Isosafrole	120-58-1	ug/L	6/6/2008	2.4	n/a	NDX	
MW-2BR	d	Kepone	143-50-0	ug/L	6/6/2008	2.36	n/a	NDX	
MW-2BR	d	Methacrylonitrile	126-98-7	ug/L	6/6/2008	0.56	n/a	NDX	
MW-2BR	d	Methapyrilene	91-80-5	ug/L	6/6/2008	2.58	n/a	NDX	
MW-2BR	d	Methoxychlor	72-43-5	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Methyl Methacrylate	80-62-6	ug/L	6/6/2008	0.78	n/a	NDX	
MW-2BR	d	Methyl Methanesulfonate	66-27-3	ug/L	6/6/2008	1.12	n/a	NDX	
MW-2BR	d	Naphthalene	91-20-3	ug/L	6/6/2008	0.35	n/a	NDX	
MW-2BR	d	Nitrobenzene	98-95-3	ug/L	6/6/2008	1.17	n/a	NDX	
MW-2BR	d	N-Nitrosodiethylamine	55-18-5	ug/L	6/6/2008	1.85	n/a	NDX	
MW-2BR	d	N-Nitrosodimethylamine	62-75-9	ug/L	6/6/2008	1.5	n/a	NDX	
MW-2BR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/6/2008	2.51	n/a	NDX	
MW-2BR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/6/2008	1.63	n/a	NDX	
MW-2BR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	6/6/2008	5.08	n/a	NDX	
MW-2BR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/6/2008	1.27	n/a	NDX	
MW-2BR	d	N-Nitrosopiperidine	100-75-4	ug/L	6/6/2008	1.13	n/a	NDX	
MW-2BR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	6/6/2008	1.44	n/a	NDX	
MW-2BR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	6/6/2008	23.5	n/a	NDX	
MW-2BR	d	o-Toluidine	95-53-4	ug/L	6/6/2008	4.7	n/a	NDX	
MW-2BR	d	Parathion-ethyl	56-38-2	ug/L	6/6/2008	5.78	n/a	NDX	
MW-2BR	d	Parathion-methyl	298-00-0	ug/L	6/6/2008	5.87	n/a	NDX	
MW-2BR	d	PCB-1016	12674-11-2	ug/L	6/6/2008	0.14	n/a	NDX	
MW-2BR	d	PCB-1221	11104-28-2	ug/L	6/6/2008	0.49	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	PCB-1232	11141-16-5	ug/L	6/6/2008	0.12	n/a	NDX	
MW-2BR	d	PCB-1242	53469-21-9	ug/L	6/6/2008	0.16	n/a	NDX	
MW-2BR	d	PCB-1248	12672-29-6	ug/L	6/6/2008	0.12	n/a	NDX	
MW-2BR	d	PCB-1254	11097-69-1	ug/L	6/6/2008	0.044	n/a	NDX	
MW-2BR	d	PCB-1260	11096-82-5	ug/L	6/6/2008	0.075	n/a	NDX	
MW-2BR	d	PCB-1268	11100-14-4	ug/L	6/6/2008	0.068	n/a	NDX	
MW-2BR	d	Pentachlorobenzene	608-93-5	ug/L	6/6/2008	2.69	n/a	NDX	
MW-2BR	d	Pentachloronitrobenzene	82-68-8	ug/L	6/6/2008	1.38	n/a	NDX	
MW-2BR	d	Pentachlorophenol [2C]	87-86-5	ug/L	6/6/2008	1.58	n/a	NDX	
MW-2BR	d	Phenacetin	62-44-2	ug/L	6/6/2008	1.42	n/a	NDX	
MW-2BR	d	Phenanthrene	85-01-8	ug/L	6/6/2008	2.31	n/a	NDX	
MW-2BR	d	Phenol	108-95-2	ug/L	6/6/2008	11.6	n/a	NDX	
MW-2BR	d	Phorate	298-02-2	ug/L	6/6/2008	56.4	n/a	NDX	
MW-2BR	d	Pronamide	23950-58-5	ug/L	6/6/2008	1.44	n/a	NDX	
MW-2BR	d	Propionitrile	107-12-0	ug/L	6/6/2008	2.84	n/a	NDX	
MW-2BR	d	Pyrene	129-00-0	ug/L	6/6/2008	2.6	n/a	NDX	
MW-2BR	d	Safrole	94-59-7	ug/L	6/6/2008	4.8	n/a	NDX	
MW-2BR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/6/2008	0.017	n/a	NDX	
MW-2BR	d	Sulfide	18496-25-8	mg/L	6/6/2008	2	n/a	NDX	
MW-2BR	d	Thionazin	297-97-2	ug/L	6/6/2008	1.16	n/a	NDX	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	6/6/2008	0.31	n/a	NDX	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	6/6/2008	0.3	n/a	NDX	
MW-2BR	d	2,4-DB	94-82-6	ug/L	6/6/2008	0.0667	n/a	NDX	
MW-2BR	d	alpha-Chlordane	5103-71-9	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	Dalapon	75-99-0	ug/L	6/6/2008	0.167	n/a	NDX	
MW-2BR	d	Dicamba	1918-00-9	ug/L	6/6/2008	0.033	n/a	NDX	
MW-2BR	d	Dichloroprop	120-36-5	ug/L	6/6/2008	0.0667	n/a	NDX	
MW-2BR	d	Endrin ketone	53494-70-5	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	gamma-Chlordane	5566-34-7	ug/L	6/6/2008	0.05	n/a	NDX	
MW-2BR	d	MCPA	94-74-6	ug/L	6/6/2008	3.33	n/a	NDX	
MW-2BR	d	MCPP	7085-19-0	ug/L	6/6/2008	3.33	n/a	NDX	
MW-2BR	d	Pentachloroethane	76-01-7	ug/L	6/6/2008	1.1	n/a	NDX	
MW-2BR	d	Picloram	6607	ug/L	6/6/2008	0.033	n/a	NDX	
MW-2BR	d	Pyridine	110-86-1	ug/L	6/6/2008	1.04	n/a	NDX	
GDT-2	d	Antimony	7440-36-0	mg/L	7/8/2008	0.006	n/a	NDX	
GDT-2	d	Arsenic	7440-38-2	mg/L	7/8/2008	n/a	n/a	X	0.00552
GDT-2	d	Barium	7440-39-3	mg/L	7/8/2008	n/a	n/a	X	0.142
GDT-2	d	Beryllium	7440-41-7	mg/L	7/8/2008	0.001	n/a	NDX	
GDT-2	d	Cadmium	7440-43-9	mg/L	7/8/2008	0.0005	n/a	NDX	
GDT-2	d	Chromium	7440-47-3	mg/L	7/8/2008	0.02	n/a	NDX	
GDT-2	d	Cobalt	7440-48-4	mg/L	7/8/2008	0.02	n/a	NDX	
GDT-2	d	Copper	7440-50-8	mg/L	7/8/2008	0.02	n/a	NDX	
GDT-2	d	Lead	7439-92-1	mg/L	7/8/2008	0.004	n/a	NDX	
GDT-2	d	Nickel	7440-02-0	mg/L	7/8/2008	0.05	n/a	NDX	
GDT-2	d	Selenium	7782-49-2	mg/L	7/8/2008	0.005	n/a	NDX	
GDT-2	d	Silver	7440-22-4	mg/L	7/8/2008	0.02	n/a	NDX	
GDT-2	d	Thallium	7440-28-0	mg/L	7/8/2008	0.002	n/a	NDX	
GDT-2	d	Vanadium	7440-62-2	mg/L	7/8/2008	0.05	n/a	NDX	
GDT-2	d	Zinc	7440-66-6	mg/L	7/8/2008	n/a	n/a	X	0.098
GDT-2	d	Acetone	67-64-1	ug/L	7/8/2008	4.62	n/a	NDX	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	7/8/2008	1.28	n/a	NDX	
GDT-2	d	Benzene	71-43-2	ug/L	7/8/2008	n/a	n/a	JX	0.2
GDT-2	d	Bromochloromethane	74-97-5	ug/L	7/8/2008	0.76	n/a	NDX	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	7/8/2008	0.2	n/a	NDX	
GDT-2	d	Bromoform	75-25-2	ug/L	7/8/2008	0.43	n/a	NDX	
GDT-2	d	2-Butanone	78-93-3	ug/L	7/8/2008	0.91	n/a	NDX	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	7/8/2008	0.18	n/a	NDX	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	7/8/2008	0.31	n/a	NDX	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	7/8/2008	0.17	n/a	NDX	
GDT-2	d	Chloroethane	75-00-3	ug/L	7/8/2008	n/a	n/a	JX	2.22
GDT-2	d	Chloroform	67-66-3	ug/L	7/8/2008	0.17	n/a	NDX	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	7/8/2008	0.26	n/a	NDX	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/8/2008	0.86	n/a	NDX	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/8/2008	0.25	n/a	NDX	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/8/2008	1.8	n/a	NDX	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	7/8/2008	n/a	n/a	JX	0.42
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	7/8/2008	0.2	n/a	NDX	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	7/8/2008	0.37	n/a	NDX	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/8/2008	n/a	n/a	JX	0.57
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/8/2008	0.31	n/a	NDX	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	7/8/2008	0.4	n/a	NDX	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/8/2008	0.23	n/a	NDX	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/8/2008	0.17	n/a	NDX	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/8/2008	0.21	n/a	NDX	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/8/2008	0.16	n/a	NDX	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	7/8/2008	0.25	n/a	NDX	
GDT-2	d	2-Hexanone	591-78-6	ug/L	7/8/2008	1.76	n/a	NDX	
GDT-2	d	Bromomethane	74-83-9	ug/L	7/8/2008	0.48	n/a	NDX	
GDT-2	d	Chloromethane	74-87-3	ug/L	7/8/2008	n/a	n/a	JX	0.2

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Iodomethane	74-88-4	ug/L	7/8/2008	0.4	n/a	NDX	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	7/8/2008	0.3	n/a	NDX	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	7/8/2008	0.45	n/a	NDX	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/8/2008	0.31	n/a	NDX	
GDT-2	d	Styrene	100-42-5	ug/L	7/8/2008	0.19	n/a	NDX	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/8/2008	0.33	n/a	NDX	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/8/2008	0.23	n/a	NDX	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	7/8/2008	0.38	n/a	NDX	
GDT-2	d	Toluene	108-88-3	ug/L	7/8/2008	0.14	n/a	NDX	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/8/2008	0.19	n/a	NDX	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/8/2008	0.37	n/a	NDX	
GDT-2	d	Trichloroethene	79-01-6	ug/L	7/8/2008	0.24	n/a	NDX	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	7/8/2008	0.26	n/a	NDX	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/8/2008	0.7	n/a	NDX	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	7/8/2008	1.36	n/a	NDX	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	7/8/2008	0.26	n/a	NDX	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	7/8/2008	0.3	n/a	NDX	
GDW	d	Antimony	7440-36-0	mg/L	7/8/2008	0.006	n/a	NDX	
GDW	d	Arsenic	7440-38-2	mg/L	7/8/2008	n/a	n/a	X	0.00282
GDW	d	Barium	7440-39-3	mg/L	7/8/2008	n/a	n/a	X	0.234
GDW	d	Beryllium	7440-41-7	mg/L	7/8/2008	0.001	n/a	NDX	
GDW	d	Cadmium	7440-43-9	mg/L	7/8/2008	0.0005	n/a	NDX	
GDW	d	Chromium	7440-47-3	mg/L	7/8/2008	0.02	n/a	NDX	
GDW	d	Cobalt	7440-48-4	mg/L	7/8/2008	0.02	n/a	NDX	
GDW	d	Copper	7440-50-8	mg/L	7/8/2008	0.02	n/a	NDX	
GDW	d	Lead	7439-92-1	mg/L	7/8/2008	n/a	n/a	X	0.00422
GDW	d	Nickel	7440-02-0	mg/L	7/8/2008	0.05	n/a	NDX	
GDW	d	Selenium	7782-49-2	mg/L	7/8/2008	0.005	n/a	NDX	
GDW	d	Silver	7440-22-4	mg/L	7/8/2008	0.02	n/a	NDX	
GDW	d	Thallium	7440-28-0	mg/L	7/8/2008	0.002	n/a	NDX	
GDW	d	Vanadium	7440-62-2	mg/L	7/8/2008	0.05	n/a	NDX	
GDW	d	Zinc	7440-66-6	mg/L	7/8/2008	n/a	n/a	X	0.107
GDW	d	Acetone	67-64-1	ug/L	7/8/2008	n/a	n/a	JX	5.22
GDW	d	Acrylonitrile	107-13-1	ug/L	7/8/2008	1.28	n/a	NDX	
GDW	d	Benzene	71-43-2	ug/L	7/8/2008	0.16	n/a	NDX	
GDW	d	Bromochloromethane	74-97-5	ug/L	7/8/2008	0.76	n/a	NDX	
GDW	d	Bromodichloromethane	75-27-4	ug/L	7/8/2008	0.2	n/a	NDX	
GDW	d	Bromoform	75-25-2	ug/L	7/8/2008	0.43	n/a	NDX	
GDW	d	2-Butanone	78-93-3	ug/L	7/8/2008	0.91	n/a	NDX	
GDW	d	Carbon Disulfide	75-15-0	ug/L	7/8/2008	0.18	n/a	NDX	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	7/8/2008	0.31	n/a	NDX	
GDW	d	Chlorobenzene	108-90-7	ug/L	7/8/2008	0.17	n/a	NDX	
GDW	d	Chloroethane	75-00-3	ug/L	7/8/2008	0.5	n/a	NDX	
GDW	d	Chloroform	67-66-3	ug/L	7/8/2008	0.17	n/a	NDX	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	7/8/2008	0.26	n/a	NDX	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/8/2008	0.86	n/a	NDX	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/8/2008	0.25	n/a	NDX	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/8/2008	1.8	n/a	NDX	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	7/8/2008	0.19	n/a	NDX	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	7/8/2008	0.2	n/a	NDX	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	7/8/2008	0.37	n/a	NDX	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/8/2008	0.37	n/a	NDX	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/8/2008	0.31	n/a	NDX	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	7/8/2008	0.4	n/a	NDX	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/8/2008	0.23	n/a	NDX	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/8/2008	0.17	n/a	NDX	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/8/2008	0.21	n/a	NDX	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/8/2008	0.16	n/a	NDX	
GDW	d	Ethylbenzene	100-41-4	ug/L	7/8/2008	0.25	n/a	NDX	
GDW	d	2-Hexanone	591-78-6	ug/L	7/8/2008	1.76	n/a	NDX	
GDW	d	Bromomethane	74-83-9	ug/L	7/8/2008	0.48	n/a	NDX	
GDW	d	Chloromethane	74-87-3	ug/L	7/8/2008	0.2	n/a	NDX	
GDW	d	Iodomethane	74-88-4	ug/L	7/8/2008	0.4	n/a	NDX	
GDW	d	Methylene Bromide	74-95-3	ug/L	7/8/2008	0.3	n/a	NDX	
GDW	d	Methylene Chloride	75-09-2	ug/L	7/8/2008	n/a	n/a	JX	0.56
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/8/2008	0.31	n/a	NDX	
GDW	d	Styrene	100-42-5	ug/L	7/8/2008	0.19	n/a	NDX	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/8/2008	0.33	n/a	NDX	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/8/2008	0.23	n/a	NDX	
GDW	d	Tetrachloroethene	127-18-4	ug/L	7/8/2008	0.38	n/a	NDX	
GDW	d	Toluene	108-88-3	ug/L	7/8/2008	0.14	n/a	NDX	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/8/2008	0.19	n/a	NDX	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/8/2008	0.37	n/a	NDX	
GDW	d	Trichloroethene	79-01-6	ug/L	7/8/2008	0.24	n/a	NDX	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	7/8/2008	0.26	n/a	NDX	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/8/2008	0.7	n/a	NDX	
GDW	d	Vinyl Acetate	108-05-4	ug/L	7/8/2008	1.36	n/a	NDX	
GDW	d	Vinyl Chloride	75-01-4	ug/L	7/8/2008	0.26	n/a	NDX	
GDW	d	Xylenes, total	1330-20-7	ug/L	7/8/2008	0.3	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Antimony	7440-36-0	mg/L	7/8/2008	0.006	n/a	NDX	
MW-5AR	u	Arsenic	7440-38-2	mg/L	7/8/2008	n/a	n/a	X	0.00147
MW-5AR	u	Barium	7440-39-3	mg/L	7/8/2008	n/a	n/a	X	0.272
MW-5AR	u	Beryllium	7440-41-7	mg/L	7/8/2008	0.001	n/a	NDX	
MW-5AR	u	Cadmium	7440-43-9	mg/L	7/8/2008	0.0005	n/a	NDX	
MW-5AR	u	Chromium	7440-47-3	mg/L	7/8/2008	0.02	n/a	NDX	
MW-5AR	u	Cobalt	7440-48-4	mg/L	7/8/2008	0.02	n/a	NDX	
MW-5AR	u	Copper	7440-50-8	mg/L	7/8/2008	0.02	n/a	NDX	
MW-5AR	u	Lead	7439-92-1	mg/L	7/8/2008	0.004	n/a	NDX	
MW-5AR	u	Nickel	7440-02-0	mg/L	7/8/2008	0.05	n/a	NDX	
MW-5AR	u	Selenium	7782-49-2	mg/L	7/8/2008	0.005	n/a	NDX	
MW-5AR	u	Silver	7440-22-4	mg/L	7/8/2008	0.02	n/a	NDX	
MW-5AR	u	Thallium	7440-28-0	mg/L	7/8/2008	0.002	n/a	NDX	
MW-5AR	u	Vanadium	7440-62-2	mg/L	7/8/2008	0.05	n/a	NDX	
MW-5AR	u	Zinc	7440-66-6	mg/L	7/8/2008	n/a	n/a	X	0.113
MW-5AR	u	Acetone	67-64-1	ug/L	7/8/2008	4.62	n/a	NDX	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	7/8/2008	1.28	n/a	NDX	
MW-5AR	u	Benzene	71-43-2	ug/L	7/8/2008	0.16	n/a	NDX	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	7/8/2008	0.76	n/a	NDX	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	7/8/2008	0.2	n/a	NDX	
MW-5AR	u	Bromoform	75-25-2	ug/L	7/8/2008	0.43	n/a	NDX	
MW-5AR	u	2-Butanone	78-93-3	ug/L	7/8/2008	0.91	n/a	NDX	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	7/8/2008	0.18	n/a	NDX	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	7/8/2008	0.31	n/a	NDX	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	7/8/2008	0.17	n/a	NDX	
MW-5AR	u	Chloroethane	75-00-3	ug/L	7/8/2008	0.5	n/a	NDX	
MW-5AR	u	Chloroform	67-66-3	ug/L	7/8/2008	0.17	n/a	NDX	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	7/8/2008	0.26	n/a	NDX	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/8/2008	0.86	n/a	NDX	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/8/2008	0.25	n/a	NDX	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/8/2008	1.8	n/a	NDX	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	7/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	7/8/2008	0.2	n/a	NDX	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	7/8/2008	0.37	n/a	NDX	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/8/2008	0.37	n/a	NDX	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/8/2008	0.31	n/a	NDX	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	7/8/2008	0.4	n/a	NDX	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/8/2008	0.23	n/a	NDX	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/8/2008	0.17	n/a	NDX	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/8/2008	0.21	n/a	NDX	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/8/2008	0.16	n/a	NDX	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	7/8/2008	0.25	n/a	NDX	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	7/8/2008	1.76	n/a	NDX	
MW-5AR	u	Bromomethane	74-83-9	ug/L	7/8/2008	0.48	n/a	NDX	
MW-5AR	u	Chloromethane	74-87-3	ug/L	7/8/2008	n/a	n/a	JX	0.37
MW-5AR	u	Iodomethane	74-88-4	ug/L	7/8/2008	0.4	n/a	NDX	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	7/8/2008	0.3	n/a	NDX	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	7/8/2008	0.45	n/a	NDX	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	7/8/2008	0.31	n/a	NDX	
MW-5AR	u	Styrene	100-42-5	ug/L	7/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/8/2008	0.33	n/a	NDX	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/8/2008	0.23	n/a	NDX	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	7/8/2008	0.38	n/a	NDX	
MW-5AR	u	Toluene	108-88-3	ug/L	7/8/2008	0.14	n/a	NDX	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/8/2008	0.37	n/a	NDX	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	7/8/2008	0.24	n/a	NDX	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	7/8/2008	0.26	n/a	NDX	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/8/2008	0.7	n/a	NDX	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	7/8/2008	1.36	n/a	NDX	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	7/8/2008	0.26	n/a	NDX	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	7/8/2008	0.3	n/a	NDX	
MW-8R	d	Antimony	7440-36-0	mg/L	7/8/2008	0.006	n/a	NDX	
MW-8R	d	Arsenic	7440-38-2	mg/L	7/8/2008	n/a	n/a	X	0.0366
MW-8R	d	Barium	7440-39-3	mg/L	7/8/2008	n/a	n/a	X	1.21
MW-8R	d	Beryllium	7440-41-7	mg/L	7/8/2008	0.001	n/a	NDX	
MW-8R	d	Cadmium	7440-43-9	mg/L	7/8/2008	n/a	n/a	X	0.000969
MW-8R	d	Chromium	7440-47-3	mg/L	7/8/2008	n/a	n/a	X	0.0747
MW-8R	d	Cobalt	7440-48-4	mg/L	7/8/2008	n/a	n/a	X	0.0301
MW-8R	d	Copper	7440-50-8	mg/L	7/8/2008	n/a	n/a	X	0.119
MW-8R	d	Lead	7439-92-1	mg/L	7/8/2008	n/a	n/a	X	0.0115
MW-8R	d	Nickel	7440-02-0	mg/L	7/8/2008	n/a	n/a	X	0.0666
MW-8R	d	Selenium	7782-49-2	mg/L	7/8/2008	0.005	n/a	NDX	
MW-8R	d	Silver	7440-22-4	mg/L	7/8/2008	0.02	n/a	NDX	
MW-8R	d	Thallium	7440-28-0	mg/L	7/8/2008	0.002	n/a	NDX	
MW-8R	d	Vanadium	7440-62-2	mg/L	7/8/2008	n/a	n/a	X	0.121
MW-8R	d	Zinc	7440-66-6	mg/L	7/8/2008	n/a	n/a	X	0.416
MW-8R	d	Acetone	67-64-1	ug/L	7/8/2008	4.62	n/a	NDX	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	7/8/2008	1.28	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Benzene	71-43-2	ug/L	7/8/2008	0.16	n/a	NDX	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	7/8/2008	0.76	n/a	NDX	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	7/8/2008	0.2	n/a	NDX	
MW-8R	d	Bromoform	75-25-2	ug/L	7/8/2008	0.43	n/a	NDX	
MW-8R	d	2-Butanone	78-93-3	ug/L	7/8/2008	0.91	n/a	NDX	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	7/8/2008	0.18	n/a	NDX	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	7/8/2008	0.31	n/a	NDX	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	7/8/2008	0.17	n/a	NDX	
MW-8R	d	Chloroethane	75-00-3	ug/L	7/8/2008	n/a	n/a	JX	0.76
MW-8R	d	Chloroform	67-66-3	ug/L	7/8/2008	0.17	n/a	NDX	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	7/8/2008	0.26	n/a	NDX	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/8/2008	0.86	n/a	NDX	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/8/2008	0.25	n/a	NDX	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/8/2008	1.8	n/a	NDX	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	7/8/2008	0.19	n/a	NDX	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	7/8/2008	0.2	n/a	NDX	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	7/8/2008	0.37	n/a	NDX	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/8/2008	0.37	n/a	NDX	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/8/2008	0.31	n/a	NDX	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	7/8/2008	0.4	n/a	NDX	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/8/2008	0.23	n/a	NDX	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/8/2008	0.17	n/a	NDX	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/8/2008	0.21	n/a	NDX	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/8/2008	0.16	n/a	NDX	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	7/8/2008	0.25	n/a	NDX	
MW-8R	d	2-Hexanone	591-78-6	ug/L	7/8/2008	1.76	n/a	NDX	
MW-8R	d	Bromomethane	74-83-9	ug/L	7/8/2008	0.48	n/a	NDX	
MW-8R	d	Chloromethane	74-87-3	ug/L	7/8/2008	n/a	n/a	JX	0.36
MW-8R	d	Iodomethane	74-88-4	ug/L	7/8/2008	0.4	n/a	NDX	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	7/8/2008	0.3	n/a	NDX	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	7/8/2008	n/a	n/a	JX	0.54
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/8/2008	0.31	n/a	NDX	
MW-8R	d	Styrene	100-42-5	ug/L	7/8/2008	0.19	n/a	NDX	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/8/2008	0.33	n/a	NDX	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/8/2008	0.23	n/a	NDX	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	7/8/2008	0.38	n/a	NDX	
MW-8R	d	Toluene	108-88-3	ug/L	7/8/2008	0.14	n/a	NDX	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/8/2008	0.19	n/a	NDX	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/8/2008	0.37	n/a	NDX	
MW-8R	d	Trichloroethene	79-01-6	ug/L	7/8/2008	0.24	n/a	NDX	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	7/8/2008	0.26	n/a	NDX	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/8/2008	0.7	n/a	NDX	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	7/8/2008	1.36	n/a	NDX	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	7/8/2008	0.26	n/a	NDX	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	7/8/2008	0.3	n/a	NDX	
MW-5AR	u	Antimony	7440-36-0	mg/L	9/8/2008	0.006	n/a	NDX	
MW-5AR	u	Antimony	7440-36-0	mg/L	9/8/2008	0.006	n/a	NDX	
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/8/2008	n/a	n/a	X	0.0206
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/8/2008	n/a	n/a	X	0.0126
MW-5AR	u	Barium	7440-39-3	mg/L	9/8/2008	n/a	n/a	X	1.1
MW-5AR	u	Barium	7440-39-3	mg/L	9/8/2008	n/a	n/a	X	0.74
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/8/2008	n/a	n/a	X	0.00147
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/8/2008	n/a	n/a	X	0.00286
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/8/2008	n/a	n/a	X	0.000988
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/8/2008	n/a	n/a	X	0.00176
MW-5AR	u	Chromium	7440-47-3	mg/L	9/8/2008	n/a	n/a	X	0.0656
MW-5AR	u	Chromium	7440-47-3	mg/L	9/8/2008	n/a	n/a	X	0.0422
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/8/2008	n/a	n/a	X	0.0333
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/8/2008	0.02	n/a	NDX	
MW-5AR	u	Copper	7440-50-8	mg/L	9/8/2008	n/a	n/a	X	0.0649
MW-5AR	u	Copper	7440-50-8	mg/L	9/8/2008	n/a	n/a	X	0.0408
MW-5AR	u	Lead	7439-92-1	mg/L	9/8/2008	n/a	n/a	X	0.0105
MW-5AR	u	Lead	7439-92-1	mg/L	9/8/2008	n/a	n/a	X	0.015
MW-5AR	u	Nickel	7440-02-0	mg/L	9/8/2008	0.05	n/a	NDX	
MW-5AR	u	Nickel	7440-02-0	mg/L	9/8/2008	n/a	n/a	X	0.0733
MW-5AR	u	Selenium	7782-49-2	mg/L	9/8/2008	0.005	n/a	NDX	
MW-5AR	u	Selenium	7782-49-2	mg/L	9/8/2008	0.005	n/a	NDX	
MW-5AR	u	Silver	7440-22-4	mg/L	9/8/2008	0.02	n/a	NDX	
MW-5AR	u	Silver	7440-22-4	mg/L	9/8/2008	0.02	n/a	NDX	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/8/2008	0.002	n/a	NDX	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/8/2008	0.002	n/a	NDX	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/8/2008	n/a	n/a	X	0.0841
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/8/2008	n/a	n/a	X	0.129
MW-5AR	u	Zinc	7440-66-6	mg/L	9/8/2008	n/a	n/a	X	0.17
MW-5AR	u	Zinc	7440-66-6	mg/L	9/8/2008	n/a	n/a	X	0.11
MW-5AR	u	Acetone	67-64-1	ug/L	9/8/2008	4.62	n/a	NDX	
MW-5AR	u	Acetone	67-64-1	ug/L	9/8/2008	4.62	n/a	NDX	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/8/2008	1.28	n/a	NDX	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/8/2008	1.28	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Benzene	71-43-2	ug/L	9/8/2008	0.16	n/a	NDX	
MW-5AR	u	Benzene	71-43-2	ug/L	9/8/2008	0.16	n/a	NDX	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/8/2008	0.76	n/a	NDX	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/8/2008	0.76	n/a	NDX	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/8/2008	0.2	n/a	NDX	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/8/2008	0.2	n/a	NDX	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/8/2008	0.43	n/a	NDX	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/8/2008	0.43	n/a	NDX	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/8/2008	0.91	n/a	NDX	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/8/2008	0.91	n/a	NDX	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/8/2008	0.18	n/a	NDX	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/8/2008	0.18	n/a	NDX	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/8/2008	0.31	n/a	NDX	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/8/2008	0.31	n/a	NDX	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/8/2008	0.17	n/a	NDX	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/8/2008	0.17	n/a	NDX	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/8/2008	0.5	n/a	NDX	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/8/2008	0.5	n/a	NDX	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/8/2008	0.17	n/a	NDX	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/8/2008	0.17	n/a	NDX	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/8/2008	0.26	n/a	NDX	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/8/2008	0.26	n/a	NDX	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2008	0.86	n/a	NDX	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2008	0.86	n/a	NDX	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2008	0.25	n/a	NDX	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2008	0.25	n/a	NDX	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2008	1.8	n/a	NDX	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2008	1.8	n/a	NDX	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/8/2008	0.2	n/a	NDX	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/8/2008	0.2	n/a	NDX	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/8/2008	0.37	n/a	NDX	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/8/2008	0.37	n/a	NDX	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2008	0.37	n/a	NDX	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2008	0.37	n/a	NDX	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2008	0.31	n/a	NDX	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2008	0.31	n/a	NDX	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/8/2008	0.4	n/a	NDX	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/8/2008	0.4	n/a	NDX	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2008	0.23	n/a	NDX	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2008	0.23	n/a	NDX	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2008	0.17	n/a	NDX	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2008	0.17	n/a	NDX	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2008	0.21	n/a	NDX	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2008	0.21	n/a	NDX	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2008	0.16	n/a	NDX	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2008	0.16	n/a	NDX	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/8/2008	0.25	n/a	NDX	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/8/2008	0.25	n/a	NDX	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/8/2008	1.76	n/a	NDX	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/8/2008	1.76	n/a	NDX	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/8/2008	0.48	n/a	NDX	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/8/2008	0.48	n/a	NDX	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/8/2008	0.2	n/a	NDX	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/8/2008	0.2	n/a	NDX	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/8/2008	0.4	n/a	NDX	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/8/2008	0.4	n/a	NDX	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/8/2008	0.3	n/a	NDX	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/8/2008	0.3	n/a	NDX	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/8/2008	0.45	n/a	NDX	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/8/2008	0.45	n/a	NDX	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2008	0.31	n/a	NDX	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2008	0.31	n/a	NDX	
MW-5AR	u	Styrene	100-42-5	ug/L	9/8/2008	0.19	n/a	NDX	
MW-5AR	u	Styrene	100-42-5	ug/L	9/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2008	0.33	n/a	NDX	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2008	0.33	n/a	NDX	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2008	0.23	n/a	NDX	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2008	0.23	n/a	NDX	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/8/2008	0.38	n/a	NDX	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/8/2008	0.38	n/a	NDX	
MW-5AR	u	Toluene	108-88-3	ug/L	9/8/2008	0.14	n/a	NDX	
MW-5AR	u	Toluene	108-88-3	ug/L	9/8/2008	0.14	n/a	NDX	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2008	0.19	n/a	NDX	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2008	0.37	n/a	NDX	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2008	0.37	n/a	NDX	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/8/2008	0.24	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/8/2008	0.24	n/a	NDX	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/8/2008	0.26	n/a	NDX	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/8/2008	0.26	n/a	NDX	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2008	0.7	n/a	NDX	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2008	0.7	n/a	NDX	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/8/2008	1.36	n/a	NDX	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/8/2008	1.36	n/a	NDX	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/8/2008	0.26	n/a	NDX	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/8/2008	0.26	n/a	NDX	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/8/2008	0.3	n/a	NDX	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/8/2008	0.3	n/a	NDX	
MW-8R	d	Antimony	7440-36-0	mg/L	9/8/2008	0.006	n/a	NDX	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/8/2008	n/a	n/a	X	0.0113
MW-8R	d	Barium	7440-39-3	mg/L	9/8/2008	n/a	n/a	X	0.119
MW-8R	d	Beryllium	7440-41-7	mg/L	9/8/2008	0.001	n/a	NDX	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/8/2008	n/a	n/a	X	0.000514
MW-8R	d	Chromium	7440-47-3	mg/L	9/8/2008	0.02	n/a	NDX	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/8/2008	0.02	n/a	NDX	
MW-8R	d	Copper	7440-50-8	mg/L	9/8/2008	0.02	n/a	NDX	
MW-8R	d	Lead	7439-92-1	mg/L	9/8/2008	n/a	n/a	X	0.00575
MW-8R	d	Nickel	7440-02-0	mg/L	9/8/2008	0.05	n/a	NDX	
MW-8R	d	Selenium	7782-49-2	mg/L	9/8/2008	0.005	n/a	NDX	
MW-8R	d	Silver	7440-22-4	mg/L	9/8/2008	0.02	n/a	NDX	
MW-8R	d	Thallium	7440-28-0	mg/L	9/8/2008	0.002	n/a	NDX	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/8/2008	0.05	n/a	NDX	
MW-8R	d	Zinc	7440-66-6	mg/L	9/8/2008	n/a	n/a	X	0.0429
MW-8R	d	Acetone	67-64-1	ug/L	9/8/2008	4.62	n/a	NDX	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/8/2008	1.28	n/a	NDX	
MW-8R	d	Benzene	71-43-2	ug/L	9/8/2008	0.16	n/a	NDX	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/8/2008	0.76	n/a	NDX	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/8/2008	0.2	n/a	NDX	
MW-8R	d	Bromoform	75-25-2	ug/L	9/8/2008	0.43	n/a	NDX	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/8/2008	0.91	n/a	NDX	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/8/2008	n/a	n/a	JX	0.27
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2008	0.31	n/a	NDX	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/8/2008	0.17	n/a	NDX	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/8/2008	0.5	n/a	NDX	
MW-8R	d	Chloroform	67-66-3	ug/L	9/8/2008	0.17	n/a	NDX	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2008	0.26	n/a	NDX	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2008	0.86	n/a	NDX	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2008	0.25	n/a	NDX	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2008	1.8	n/a	NDX	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2008	0.19	n/a	NDX	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2008	0.2	n/a	NDX	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2008	0.37	n/a	NDX	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2008	0.37	n/a	NDX	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2008	0.31	n/a	NDX	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2008	0.4	n/a	NDX	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2008	0.23	n/a	NDX	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2008	0.17	n/a	NDX	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2008	0.21	n/a	NDX	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2008	0.16	n/a	NDX	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/8/2008	0.25	n/a	NDX	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/8/2008	1.76	n/a	NDX	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/8/2008	0.48	n/a	NDX	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/8/2008	n/a	n/a	JX	0.4
MW-8R	d	Iodomethane	74-88-4	ug/L	9/8/2008	0.4	n/a	NDX	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/8/2008	0.3	n/a	NDX	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/8/2008	0.45	n/a	NDX	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2008	0.31	n/a	NDX	
MW-8R	d	Styrene	100-42-5	ug/L	9/8/2008	0.19	n/a	NDX	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2008	0.33	n/a	NDX	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2008	0.23	n/a	NDX	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/8/2008	0.38	n/a	NDX	
MW-8R	d	Toluene	108-88-3	ug/L	9/8/2008	0.14	n/a	NDX	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2008	0.19	n/a	NDX	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2008	0.37	n/a	NDX	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/8/2008	0.24	n/a	NDX	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2008	0.26	n/a	NDX	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2008	0.7	n/a	NDX	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/8/2008	1.36	n/a	NDX	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/8/2008	0.26	n/a	NDX	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/8/2008	0.3	n/a	NDX	
MW-2AR	d	Antimony	7440-36-0	mg/L	10/16/2008	0.006	n/a	NDX	
MW-2AR	d	Arsenic	7440-38-2	mg/L	10/16/2008	n/a	n/a	X	0.0662
MW-2AR	d	Barium	7440-39-3	mg/L	10/16/2008	n/a	n/a	X	1.62
MW-2AR	d	Beryllium	7440-41-7	mg/L	10/16/2008	0.001	n/a	NDX	
MW-2AR	d	Cadmium	7440-43-9	mg/L	10/16/2008	n/a	n/a	X	0.000626
MW-2AR	d	Chromium	7440-47-3	mg/L	10/16/2008	0.02	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Cobalt	7440-48-4	mg/L	10/16/2008	0.02	n/a	NDX	
MW-2AR	d	Copper	7440-50-8	mg/L	10/16/2008	0.02	n/a	NDX	
MW-2AR	d	Lead	7439-92-1	mg/L	10/16/2008	0.004	n/a	NDX	
MW-2AR	d	Nickel	7440-02-0	mg/L	10/16/2008	0.05	n/a	NDX	
MW-2AR	d	Selenium	7782-49-2	mg/L	10/16/2008	0.005	n/a	NDX	
MW-2AR	d	Silver	7440-22-4	mg/L	10/16/2008	0.02	n/a	NDX	
MW-2AR	d	Thallium	7440-28-0	mg/L	10/16/2008	0.002	n/a	NDX	
MW-2AR	d	Vanadium	7440-62-2	mg/L	10/16/2008	0.05	n/a	NDX	
MW-2AR	d	Zinc	7440-66-6	mg/L	10/16/2008	0.02	n/a	NDX	
MW-2AR	d	Acetone	67-64-1	ug/L	10/16/2008	n/a	n/a	X	32.4
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	10/16/2008	10	n/a	NDX	
MW-2AR	d	Benzene	71-43-2	ug/L	10/16/2008	n/a	n/a	X	1.72
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	10/16/2008	5	n/a	NDX	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Bromoform	75-25-2	ug/L	10/16/2008	5	n/a	NDX	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	10/16/2008	2	n/a	NDX	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Chloroethane	75-00-3	ug/L	10/16/2008	n/a	n/a	X	19
MW-2AR	d	Chloroform	67-66-3	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	10/16/2008	5	n/a	NDX	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/16/2008	0.86	n/a	NDX	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/16/2008	0.25	n/a	NDX	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/16/2008	10	n/a	NDX	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/2008	2	n/a	NDX	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2008	5	n/a	NDX	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2008	5	n/a	NDX	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	10/16/2008	10	n/a	NDX	
MW-2AR	d	Bromomethane	74-83-9	ug/L	10/16/2008	4	n/a	NDX	
MW-2AR	d	Chloromethane	74-87-3	ug/L	10/16/2008	3	n/a	NDX	
MW-2AR	d	Iodomethane	74-88-4	ug/L	10/16/2008	10	n/a	NDX	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	10/16/2008	5	n/a	NDX	
MW-2AR	d	Styrene	100-42-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Toluene	108-88-3	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	10/16/2008	4	n/a	NDX	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	10/16/2008	2	n/a	NDX	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	10/16/2008	3	n/a	NDX	
MW-2AR	d	2-Butanone	78-93-3	ug/L	10/16/2008	10	n/a	NDX	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/16/2008	10	n/a	NDX	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Antimony	7440-36-0	mg/L	10/16/2008	0.006	n/a	NDX	
MW-2BR	d	Arsenic	7440-38-2	mg/L	10/16/2008	n/a	n/a	X	0.0318
MW-2BR	d	Barium	7440-39-3	mg/L	10/16/2008	n/a	n/a	X	1.18
MW-2BR	d	Beryllium	7440-41-7	mg/L	10/16/2008	0.001	n/a	NDX	
MW-2BR	d	Cadmium	7440-43-9	mg/L	10/16/2008	n/a	n/a	X	0.00175
MW-2BR	d	Chromium	7440-47-3	mg/L	10/16/2008	0.02	n/a	NDX	
MW-2BR	d	Cobalt	7440-48-4	mg/L	10/16/2008	0.02	n/a	NDX	
MW-2BR	d	Copper	7440-50-8	mg/L	10/16/2008	0.02	n/a	NDX	
MW-2BR	d	Lead	7439-92-1	mg/L	10/16/2008	n/a	n/a	X	0.0135
MW-2BR	d	Nickel	7440-02-0	mg/L	10/16/2008	0.05	n/a	NDX	
MW-2BR	d	Selenium	7782-49-2	mg/L	10/16/2008	0.005	n/a	NDX	
MW-2BR	d	Silver	7440-22-4	mg/L	10/16/2008	0.02	n/a	NDX	
MW-2BR	d	Thallium	7440-28-0	mg/L	10/16/2008	0.002	n/a	NDX	
MW-2BR	d	Vanadium	7440-62-2	mg/L	10/16/2008	0.05	n/a	NDX	
MW-2BR	d	Zinc	7440-66-6	mg/L	10/16/2008	n/a	n/a	X	0.0731
MW-2BR	d	Acetone	67-64-1	ug/L	10/16/2008	10	n/a	NDX	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	10/16/2008	10	n/a	NDX	
MW-2BR	d	Benzene	71-43-2	ug/L	10/16/2008	0.5	n/a	NDX	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	10/16/2008	5	n/a	NDX	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Bromoform	75-25-2	ug/L	10/16/2008	5	n/a	NDX	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	10/16/2008	2	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Chloroethane	75-00-3	ug/L	10/16/2008	4	n/a	NDX	
MW-2BR	d	Chloroform	67-66-3	ug/L	10/16/2008	2	n/a	NDX	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	10/16/2008	5	n/a	NDX	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	10/16/2008	0.86	n/a	NDX	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/16/2008	0.25	n/a	NDX	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/16/2008	10	n/a	NDX	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	10/16/2008	2	n/a	NDX	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2008	5	n/a	NDX	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2008	5	n/a	NDX	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	10/16/2008	10	n/a	NDX	
MW-2BR	d	Bromomethane	74-83-9	ug/L	10/16/2008	4	n/a	NDX	
MW-2BR	d	Chloromethane	74-87-3	ug/L	10/16/2008	3	n/a	NDX	
MW-2BR	d	Iodomethane	74-88-4	ug/L	10/16/2008	10	n/a	NDX	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	10/16/2008	5	n/a	NDX	
MW-2BR	d	Styrene	100-42-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Toluene	108-88-3	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	10/16/2008	4	n/a	NDX	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	10/16/2008	2	n/a	NDX	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	10/16/2008	1	n/a	NDX	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	10/16/2008	3	n/a	NDX	
MW-2BR	d	2-Butanone	78-93-3	ug/L	10/16/2008	10	n/a	NDX	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	10/16/2008	10	n/a	NDX	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	10/16/2008	1	n/a	NDX	
GDT-1	d	Antimony	7440-36-0	mg/L	12/2/2008	0.006	n/a	NDX	
GDT-1	d	Arsenic	7440-38-2	mg/L	12/2/2008	0.001	n/a	NDX	
GDT-1	d	Barium	7440-39-3	mg/L	12/2/2008	n/a	n/a	X	0.317
GDT-1	d	Beryllium	7440-41-7	mg/L	12/2/2008	0.001	n/a	NDX	
GDT-1	d	Cadmium	7440-43-9	mg/L	12/2/2008	0.0005	n/a	NDX	
GDT-1	d	Chromium	7440-47-3	mg/L	12/2/2008	0.02	n/a	NDX	
GDT-1	d	Cobalt	7440-48-4	mg/L	12/2/2008	0.02	n/a	NDX	
GDT-1	d	Copper	7440-50-8	mg/L	12/2/2008	0.02	n/a	NDX	
GDT-1	d	Lead	7439-92-1	mg/L	12/2/2008	0.004	n/a	NDX	
GDT-1	d	Nickel	7440-02-0	mg/L	12/2/2008	0.05	n/a	NDX	
GDT-1	d	Selenium	7782-49-2	mg/L	12/2/2008	0.005	n/a	NDX	
GDT-1	d	Silver	7440-22-4	mg/L	12/2/2008	0.02	n/a	NDX	
GDT-1	d	Thallium	7440-28-0	mg/L	12/2/2008	0.002	n/a	NDX	
GDT-1	d	Vanadium	7440-62-2	mg/L	12/2/2008	0.05	n/a	NDX	
GDT-1	d	Zinc	7440-66-6	mg/L	12/2/2008	n/a	n/a	X	0.0843
GDT-1	d	Acetone	67-64-1	ug/L	12/2/2008	10	n/a	NDX	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	12/2/2008	10	n/a	NDX	
GDT-1	d	Benzene	71-43-2	ug/L	12/2/2008	0.5	n/a	NDX	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	12/2/2008	5	n/a	NDX	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Bromoform	75-25-2	ug/L	12/2/2008	5	n/a	NDX	
GDT-1	d	2-Butanone	78-93-3	ug/L	12/2/2008	10	n/a	NDX	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	12/2/2008	2	n/a	NDX	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Chloroethane	75-00-3	ug/L	12/2/2008	4	n/a	NDX	
GDT-1	d	Chloroform	67-66-3	ug/L	12/2/2008	2.5	n/a	NDX	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	12/2/2008	5	n/a	NDX	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/2/2008	0.86	n/a	NDX	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/2/2008	0.25	n/a	NDX	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/2/2008	10	n/a	NDX	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	12/2/2008	2	n/a	NDX	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/2/2008	5	n/a	NDX	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/2/2008	5	n/a	NDX	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/2/2008	1	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	2-Hexanone	591-78-6	ug/L	12/2/2008	10	n/a	NDX	
GDT-1	d	Bromomethane	74-83-9	ug/L	12/2/2008	4	n/a	NDX	
GDT-1	d	Chloromethane	74-87-3	ug/L	12/2/2008	3	n/a	NDX	
GDT-1	d	Iodomethane	74-88-4	ug/L	12/2/2008	10	n/a	NDX	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	12/2/2008	5	n/a	NDX	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/2/2008	10	n/a	NDX	
GDT-1	d	Styrene	100-42-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Toluene	108-88-3	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Trichloroethene	79-01-6	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	12/2/2008	4	n/a	NDX	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	12/2/2008	2	n/a	NDX	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	12/2/2008	3	n/a	NDX	
GDT-2	d	Antimony	7440-36-0	mg/L	12/2/2008	0.006	n/a	NDX	
GDT-2	d	Arsenic	7440-38-2	mg/L	12/2/2008	n/a	n/a	X	0.0101
GDT-2	d	Barium	7440-39-3	mg/L	12/2/2008	n/a	n/a	X	0.129
GDT-2	d	Beryllium	7440-41-7	mg/L	12/2/2008	0.001	n/a	NDX	
GDT-2	d	Cadmium	7440-43-9	mg/L	12/2/2008	0.0005	n/a	NDX	
GDT-2	d	Chromium	7440-47-3	mg/L	12/2/2008	0.02	n/a	NDX	
GDT-2	d	Cobalt	7440-48-4	mg/L	12/2/2008	0.02	n/a	NDX	
GDT-2	d	Copper	7440-50-8	mg/L	12/2/2008	0.02	n/a	NDX	
GDT-2	d	Lead	7439-92-1	mg/L	12/2/2008	0.004	n/a	NDX	
GDT-2	d	Nickel	7440-02-0	mg/L	12/2/2008	0.05	n/a	NDX	
GDT-2	d	Selenium	7782-49-2	mg/L	12/2/2008	0.005	n/a	NDX	
GDT-2	d	Silver	7440-22-4	mg/L	12/2/2008	0.02	n/a	NDX	
GDT-2	d	Thallium	7440-28-0	mg/L	12/2/2008	0.002	n/a	NDX	
GDT-2	d	Vanadium	7440-62-2	mg/L	12/2/2008	0.05	n/a	NDX	
GDT-2	d	Zinc	7440-66-6	mg/L	12/2/2008	n/a	n/a	X	0.03
GDT-2	d	Acetone	67-64-1	ug/L	12/2/2008	10	n/a	NDX	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	12/2/2008	10	n/a	NDX	
GDT-2	d	Benzene	71-43-2	ug/L	12/2/2008	0.5	n/a	NDX	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	12/2/2008	5	n/a	NDX	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Bromoform	75-25-2	ug/L	12/2/2008	5	n/a	NDX	
GDT-2	d	2-Butanone	78-93-3	ug/L	12/2/2008	10	n/a	NDX	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	12/2/2008	2	n/a	NDX	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Chloroethane	75-00-3	ug/L	12/2/2008	4	n/a	NDX	
GDT-2	d	Chloroform	67-66-3	ug/L	12/2/2008	2.5	n/a	NDX	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	12/2/2008	5	n/a	NDX	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/2/2008	0.86	n/a	NDX	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/2/2008	0.25	n/a	NDX	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/2/2008	10	n/a	NDX	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	12/2/2008	2	n/a	NDX	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/2/2008	5	n/a	NDX	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/2/2008	5	n/a	NDX	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	2-Hexanone	591-78-6	ug/L	12/2/2008	10	n/a	NDX	
GDT-2	d	Bromomethane	74-83-9	ug/L	12/2/2008	4	n/a	NDX	
GDT-2	d	Chloromethane	74-87-3	ug/L	12/2/2008	3	n/a	NDX	
GDT-2	d	Iodomethane	74-88-4	ug/L	12/2/2008	10	n/a	NDX	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	12/2/2008	5	n/a	NDX	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/2/2008	10	n/a	NDX	
GDT-2	d	Styrene	100-42-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Toluene	108-88-3	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Trichloroethene	79-01-6	ug/L	12/2/2008	1	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	12/2/2008	4	n/a	NDX	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	12/2/2008	2	n/a	NDX	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	12/2/2008	1	n/a	NDX	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	12/2/2008	3	n/a	NDX	
MW-8R	d	Antimony	7440-36-0	mg/L	12/2/2008	0.006	n/a	NDX	
MW-8R	d	Arsenic	7440-38-2	mg/L	12/2/2008	0.005	n/a	NDX	
MW-8R	d	Barium	7440-39-3	mg/L	12/2/2008	n/a	n/a	X	0.0381
MW-8R	d	Beryllium	7440-41-7	mg/L	12/2/2008	0.001	n/a	NDX	
MW-8R	d	Cadmium	7440-43-9	mg/L	12/2/2008	n/a	n/a	X	0.00111
MW-8R	d	Chromium	7440-47-3	mg/L	12/2/2008	0.02	n/a	NDX	
MW-8R	d	Cobalt	7440-48-4	mg/L	12/2/2008	0.02	n/a	NDX	
MW-8R	d	Copper	7440-50-8	mg/L	12/2/2008	0.02	n/a	NDX	
MW-8R	d	Lead	7439-92-1	mg/L	12/2/2008	0.004	n/a	NDX	
MW-8R	d	Nickel	7440-02-0	mg/L	12/2/2008	0.05	n/a	NDX	
MW-8R	d	Selenium	7782-49-2	mg/L	12/2/2008	0.005	n/a	NDX	
MW-8R	d	Silver	7440-22-4	mg/L	12/2/2008	0.02	n/a	NDX	
MW-8R	d	Thallium	7440-28-0	mg/L	12/2/2008	0.002	n/a	NDX	
MW-8R	d	Vanadium	7440-62-2	mg/L	12/2/2008	0.05	n/a	NDX	
MW-8R	d	Zinc	7440-66-6	mg/L	12/2/2008	n/a	n/a	X	0.0812
MW-8R	d	Acetone	67-64-1	ug/L	12/2/2008	10	n/a	NDX	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	12/2/2008	10	n/a	NDX	
MW-8R	d	Benzene	71-43-2	ug/L	12/2/2008	0.5	n/a	NDX	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	12/2/2008	5	n/a	NDX	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Bromoform	75-25-2	ug/L	12/2/2008	5	n/a	NDX	
MW-8R	d	2-Butanone	78-93-3	ug/L	12/2/2008	10	n/a	NDX	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	12/2/2008	2	n/a	NDX	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Chloroethane	75-00-3	ug/L	12/2/2008	4	n/a	NDX	
MW-8R	d	Chloroform	67-66-3	ug/L	12/2/2008	2.5	n/a	NDX	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	12/2/2008	5	n/a	NDX	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/2/2008	0.86	n/a	NDX	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/2/2008	0.25	n/a	NDX	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/2/2008	10	n/a	NDX	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	12/2/2008	2	n/a	NDX	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/2/2008	5	n/a	NDX	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/2/2008	5	n/a	NDX	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	2-Hexanone	591-78-6	ug/L	12/2/2008	10	n/a	NDX	
MW-8R	d	Bromomethane	74-83-9	ug/L	12/2/2008	4	n/a	NDX	
MW-8R	d	Chloromethane	74-87-3	ug/L	12/2/2008	3	n/a	NDX	
MW-8R	d	Iodomethane	74-88-4	ug/L	12/2/2008	10	n/a	NDX	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	12/2/2008	5	n/a	NDX	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/2/2008	10	n/a	NDX	
MW-8R	d	Styrene	100-42-5	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Toluene	108-88-3	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Trichloroethene	79-01-6	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	12/2/2008	4	n/a	NDX	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	12/2/2008	2	n/a	NDX	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	12/2/2008	1	n/a	NDX	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	12/2/2008	3	n/a	NDX	
MW-5AR	u	Antimony	7440-36-0	mg/L	12/10/2008	0.006	n/a	NDX	
MW-5AR	u	Arsenic	7440-38-2	mg/L	12/10/2008	n/a	n/a	X	0.00133
MW-5AR	u	Barium	7440-39-3	mg/L	12/10/2008	n/a	n/a	X	0.0829
MW-5AR	u	Beryllium	7440-41-7	mg/L	12/10/2008	0.001	n/a	NDX	
MW-5AR	u	Cadmium	7440-43-9	mg/L	12/10/2008	n/a	n/a	X	0.00096
MW-5AR	u	Chromium	7440-47-3	mg/L	12/10/2008	0.02	n/a	NDX	
MW-5AR	u	Cobalt	7440-48-4	mg/L	12/10/2008	0.02	n/a	NDX	
MW-5AR	u	Copper	7440-50-8	mg/L	12/10/2008	0.02	n/a	NDX	
MW-5AR	u	Lead	7439-92-1	mg/L	12/10/2008	0.004	n/a	NDX	
MW-5AR	u	Nickel	7440-02-0	mg/L	12/10/2008	0.05	n/a	NDX	
MW-5AR	u	Selenium	7782-49-2	mg/L	12/10/2008	0.005	n/a	NDX	
MW-5AR	u	Silver	7440-22-4	mg/L	12/10/2008	0.02	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Thallium	7440-28-0	mg/L	12/10/2008	0.002	n/a	NDX	
MW-5AR	u	Vanadium	7440-62-2	mg/L	12/10/2008	0.05	n/a	NDX	
MW-5AR	u	Zinc	7440-66-6	mg/L	12/10/2008	n/a	n/a	X	0.0618
MW-5AR	u	Acetone	67-64-1	ug/L	12/10/2008	10	n/a	NDX	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	12/10/2008	10	n/a	NDX	
MW-5AR	u	Benzene	71-43-2	ug/L	12/10/2008	0.5	n/a	NDX	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	12/10/2008	5	n/a	NDX	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Bromoform	75-25-2	ug/L	12/10/2008	5	n/a	NDX	
MW-5AR	u	2-Butanone	78-93-3	ug/L	12/10/2008	10	n/a	NDX	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	12/10/2008	2	n/a	NDX	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Chloroethane	75-00-3	ug/L	12/10/2008	4	n/a	NDX	
MW-5AR	u	Chloroform	67-66-3	ug/L	12/10/2008	2.5	n/a	NDX	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	12/10/2008	5	n/a	NDX	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/10/2008	0.86	n/a	NDX	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/10/2008	0.25	n/a	NDX	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/10/2008	10	n/a	NDX	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	12/10/2008	2	n/a	NDX	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/10/2008	5	n/a	NDX	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/10/2008	5	n/a	NDX	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	12/10/2008	10	n/a	NDX	
MW-5AR	u	Bromomethane	74-83-9	ug/L	12/10/2008	4	n/a	NDX	
MW-5AR	u	Chloromethane	74-87-3	ug/L	12/10/2008	3	n/a	NDX	
MW-5AR	u	Iodomethane	74-88-4	ug/L	12/10/2008	10	n/a	NDX	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	12/10/2008	5	n/a	NDX	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	12/10/2008	10	n/a	NDX	
MW-5AR	u	Styrene	100-42-5	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Toluene	108-88-3	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	12/10/2008	4	n/a	NDX	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	12/10/2008	2	n/a	NDX	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	12/10/2008	1	n/a	NDX	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	12/10/2008	3	n/a	NDX	
GDT-2	d	Antimony	7440-36-0	mg/L	1/21/2009	0.006	n/a	NDX	
GDT-2	d	Arsenic	7440-38-2	mg/L	1/21/2009	n/a	n/a	X	0.0112
GDT-2	d	Barium	7440-39-3	mg/L	1/21/2009	n/a	n/a	X	0.138
GDT-2	d	Beryllium	7440-41-7	mg/L	1/21/2009	0.001	n/a	NDX	
GDT-2	d	Cadmium	7440-43-9	mg/L	1/21/2009	0.0005	n/a	NDX	
GDT-2	d	Chromium	7440-47-3	mg/L	1/21/2009	0.02	n/a	NDX	
GDT-2	d	Cobalt	7440-48-4	mg/L	1/21/2009	0.02	n/a	NDX	
GDT-2	d	Copper	7440-50-8	mg/L	1/21/2009	0.02	n/a	NDX	
GDT-2	d	Lead	7439-92-1	mg/L	1/21/2009	0.004	n/a	NDX	
GDT-2	d	Nickel	7440-02-0	mg/L	1/21/2009	0.05	n/a	NDX	
GDT-2	d	Selenium	7782-49-2	mg/L	1/21/2009	0.005	n/a	NDX	
GDT-2	d	Silver	7440-22-4	mg/L	1/21/2009	0.02	n/a	NDX	
GDT-2	d	Thallium	7440-28-0	mg/L	1/21/2009	0.002	n/a	NDX	
GDT-2	d	Vanadium	7440-62-2	mg/L	1/21/2009	0.05	n/a	NDX	
GDT-2	d	Zinc	7440-66-6	mg/L	1/21/2009	n/a	n/a	X	0.0325
GDT-2	d	Acetone	67-64-1	ug/L	1/21/2009	10	n/a	NDX	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	1/21/2009	10	n/a	NDX	
GDT-2	d	Benzene	71-43-2	ug/L	1/21/2009	0.5	n/a	NDX	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	1/21/2009	5	n/a	NDX	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Bromoform	75-25-2	ug/L	1/21/2009	5	n/a	NDX	
GDT-2	d	2-Butanone	78-93-3	ug/L	1/21/2009	10	n/a	NDX	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	1/21/2009	2	n/a	NDX	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Chloroethane	75-00-3	ug/L	1/21/2009	4	n/a	NDX	
GDT-2	d	Chloroform	67-66-3	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	1/21/2009	5	n/a	NDX	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/21/2009	0.86	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/21/2009	0.25	n/a	NDX	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/21/2009	10	n/a	NDX	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	1/21/2009	2	n/a	NDX	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/21/2009	5	n/a	NDX	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/21/2009	5	n/a	NDX	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	2-Hexanone	591-78-6	ug/L	1/21/2009	10	n/a	NDX	
GDT-2	d	Bromomethane	74-83-9	ug/L	1/21/2009	4	n/a	NDX	
GDT-2	d	Chloromethane	74-87-3	ug/L	1/21/2009	3	n/a	NDX	
GDT-2	d	Iodomethane	74-88-4	ug/L	1/21/2009	10	n/a	NDX	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	1/21/2009	5	n/a	NDX	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/21/2009	10	n/a	NDX	
GDT-2	d	Styrene	100-42-5	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Toluene	108-88-3	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Trichloroethene	79-01-6	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	1/21/2009	4	n/a	NDX	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	1/21/2009	2	n/a	NDX	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	1/21/2009	1	n/a	NDX	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	1/21/2009	3	n/a	NDX	
GDT-2	d	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
GDT-2	d	Arsenic	7440-38-2	mg/L	4/24/2009	n/a	n/a	X	0.296
GDT-2	d	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.114
GDT-2	d	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
GDT-2	d	Cadmium	7440-43-9	mg/L	4/24/2009	0.0005	n/a	NDX	
GDT-2	d	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
GDT-2	d	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
GDT-2	d	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
GDT-2	d	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
GDT-2	d	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
GDT-2	d	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
GDT-2	d	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
GDT-2	d	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
GDT-2	d	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
GDT-2	d	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.0475
GDT-2	d	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
GDT-2	d	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
GDT-2	d	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
GDT-2	d	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
GDT-2	d	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
GDT-2	d	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
GDT-2	d	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
GDT-2	d	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-1	d	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-1	d	Arsenic	7440-38-2	mg/L	4/24/2009	n/a	n/a	X	0.0154
MW-1	d	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.176
MW-1	d	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-1	d	Cadmium	7440-43-9	mg/L	4/24/2009	n/a	n/a	X	0.000782
MW-1	d	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
MW-1	d	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-1	d	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
MW-1	d	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
MW-1	d	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-1	d	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-1	d	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-1	d	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-1	d	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-1	d	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.0506
MW-1	d	Mercury	7439-97-6	mg/L	4/24/2009	0.0002	n/a	NDX	
MW-1	d	Tin	7440-31-5	mg/L	4/24/2009	0.1	n/a	NDX	
MW-1	d	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-1	d	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-1	d	Carbon disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-1	d	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
MW-1	d	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-1	d	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-1	d	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
MW-1	d	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Vinyl acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-1	d	Vinyl chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-1	d	1,1-Dichloropropene	563-58-6	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/24/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/24/2009	5	n/a	NDX	
MW-1	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,3-Dichloropropane	142-28-9	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	1,4-Naphthoquinone	130-15-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	1,4-Phenylenediamine	106-50-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	1-Naphthylamine	134-32-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2,2-Dichloropropane	594-20-7	ug/L	4/24/2009	4	n/a	NDX	
MW-1	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2,4,5-T [2C]	93-76-5	ug/L	4/24/2009	0.22	n/a	NDX	
MW-1	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2,4-D [2C]	94-75-7	ug/L	4/24/2009	1.1	n/a	NDX	
MW-1	d	2,4-Dichlorophenol	120-83-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2,4-Dimethylphenol	105-67-9	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2,4-Dinitrophenol	51-28-5	ug/L	4/24/2009	20	n/a	NDX	
MW-1	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2,6-Dichlorophenol	87-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2-Acetylaminofluorene	53-96-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2-Chloronaphthalene	91-58-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2-Chlorophenol	95-57-8	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2-Methylnaphthalene	91-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2-Methylphenol	95-48-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2-Naphthylamine	91-59-8	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2-Nitroaniline	88-74-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2-Nitrophenol	88-75-5	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/24/2009	85	n/a	NDX	
MW-1	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/24/2009	20	n/a	NDX	
MW-1	d	3/4-Methylphenol	T-34MP	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	3-Methylcholanthrene	56-49-5	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	3-Nitroaniline	99-09-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	4,4'-DDD	72-54-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	4,4'-DDE	72-55-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	4,4'-DDT	50-29-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	4-Aminobiphenyl	92-67-1	ug/L	4/24/2009	20	n/a	NDX	
MW-1	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	4-Chloroaniline	106-47-8	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	4-Nitroaniline	100-01-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	4-Nitrophenol	100-02-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Acenaphthene	83-32-9	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Acenaphthylene	208-96-8	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Acetonitrile	75-05-8	ug/L	4/24/2009	10000	n/a	NDX	
MW-1	d	Acetophenone	98-86-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Acrolein	107-02-8	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Aldrin	309-00-2	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	3-Chloropropene	107-05-1	ug/L	4/24/2009	2	n/a	NDX	
MW-1	d	alpha-BHC	319-84-6	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Anthracene	120-12-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Benzo [a] anthracene	56-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Benzo [a] pyrene	50-32-8	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Benzyl alcohol	100-51-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	beta-BHC	319-85-7	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Butyl benzyl phthalate	85-68-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Chlordane	57-74-9	ug/L	4/24/2009	2	n/a	NDX	
MW-1	d	Chlorobenzilate	510-15-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Chloroprene	126-99-8	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Chrysene	218-01-9	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Cyanide	57-12-5	mg/L	4/24/2009	0.01	n/a	NDX	
MW-1	d	delta-BHC	319-86-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Diallate [cis or trans]	2303-16-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Dibenzofuran	132-64-9	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Dichlorodifluoromethane	75-71-8	ug/L	4/24/2009	3	n/a	NDX	
MW-1	d	Dieldrin	60-57-1	ug/L	4/24/2009	0.032	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Diethyl phthalate	84-66-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Dimethoate	60-51-5	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Dimethyl phthalate	131-11-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Di-n-butyl phthalate	84-74-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Di-n-octyl phthalate	117-84-0	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Dinoseb	88-85-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Diphenylamine	122-39-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Disulfoton	298-04-4	ug/L	4/24/2009	70	n/a	NDX	
MW-1	d	Endosulfan I	959-98-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Endosulfan II	33213-65-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Endosulfan sulfate	1031-07-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Endrin	72-20-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Endrin aldehyde	7421-93-4	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Ethyl Methacrylate	97-63-2	ug/L	4/24/2009	2	n/a	NDX	
MW-1	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Famphur	52-85-7	ug/L	4/24/2009	20	n/a	NDX	
MW-1	d	Fluoranthene	206-44-0	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Fluorene	86-73-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	gamma-BHC [Lindane]	58-89-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Heptachlor	76-44-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Heptachlor epoxide	1024-57-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Hexachlorobenzene	118-74-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Hexachlorobutadiene	87-68-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Hexachloroethane	67-72-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Hexachloropropene	1888-71-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Isobutanol	78-83-1	mg/L	4/24/2009	10	n/a	NDX	
MW-1	d	Isodrin	465-73-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Isophorone	78-59-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Isosafrole	120-58-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Kepone	143-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Methacrylonitrile	126-98-7	ug/L	4/24/2009	1	n/a	NDX	
MW-1	d	Methapyriline	91-80-5	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Methoxychlor	72-43-5	ug/L	4/24/2009	0.032	n/a	NDX	
MW-1	d	Methyl Methacrylate	80-62-6	ug/L	4/24/2009	2	n/a	NDX	
MW-1	d	Methyl Methanesulfonate	66-27-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Naphthalene	91-20-3	ug/L	4/24/2009	5	n/a	NDX	
MW-1	d	Nitrobenzene	98-95-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	N-Nitrosopiperidine	100-75-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	4/24/2009	30	n/a	NDX	
MW-1	d	o-Toluidine	95-53-4	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Parathion-ethyl	56-38-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Parathion-methyl	298-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	PCB-1016	12674-11-2	ug/L	4/24/2009	0.8	n/a	NDX	
MW-1	d	PCB-1221	11104-28-2	ug/L	4/24/2009	0.8	n/a	NDX	
MW-1	d	PCB-1232	11141-16-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-1	d	PCB-1242	53469-21-9	ug/L	4/24/2009	0.8	n/a	NDX	
MW-1	d	PCB-1248	12672-29-6	ug/L	4/24/2009	0.8	n/a	NDX	
MW-1	d	PCB-1254	11097-69-1	ug/L	4/24/2009	0.8	n/a	NDX	
MW-1	d	PCB-1260	11096-82-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-1	d	PCB-1268	11100-14-4	ug/L	4/24/2009	0.8	n/a	NDX	
MW-1	d	Pentachlorobenzene	608-93-5	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Pentachloronitrobenzene	82-68-8	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Phenacetin	62-44-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Phenanthrene	85-01-8	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Phenol	108-95-2	ug/L	4/24/2009	20	n/a	NDX	
MW-1	d	Phorate	298-02-2	ug/L	4/24/2009	60	n/a	NDX	
MW-1	d	Pronamide	23950-58-5	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Propionitrile	107-12-0	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Pyrene	129-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Safrole	94-59-7	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/24/2009	0.22	n/a	NDX	
MW-1	d	Sulfide	18496-25-8	mg/L	4/24/2009	1	n/a	NDX	
MW-1	d	Thionazin	297-97-2	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Toxaphene	8001-35-2	ug/L	4/24/2009	2	n/a	NDX	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-1	d	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-2AR	d	Arsenic	7440-38-2	mg/L	4/24/2009	n/a	n/a	X	0.0399

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.992
MW-2AR	d	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-2AR	d	Cadmium	7440-43-9	mg/L	4/24/2009	n/a	n/a	X	0.00793
MW-2AR	d	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
MW-2AR	d	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-2AR	d	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
MW-2AR	d	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
MW-2AR	d	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-2AR	d	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-2AR	d	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-2AR	d	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-2AR	d	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-2AR	d	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.108
MW-2AR	d	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-2AR	d	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Chloroethane	75-00-3	ug/L	4/24/2009	n/a	n/a	X	7.39
MW-2AR	d	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/24/2009	10	n/a	NDX	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	10	n/a	NDX	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-2AR	d	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-2AR	d	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-2AR	d	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
MW-2AR	d	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-2AR	d	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-2BR	d	Arsenic	7440-38-2	mg/L	4/24/2009	n/a	n/a	X	0.0102
MW-2BR	d	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.808
MW-2BR	d	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-2BR	d	Cadmium	7440-43-9	mg/L	4/24/2009	n/a	n/a	X	0.0025
MW-2BR	d	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
MW-2BR	d	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-2BR	d	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
MW-2BR	d	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
MW-2BR	d	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-2BR	d	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-2BR	d	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-2BR	d	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-2BR	d	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-2BR	d	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.0997
MW-2BR	d	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-2BR	d	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
MW-2BR	d	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/24/2009	10	n/a	NDX	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	10	n/a	NDX	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-2BR	d	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-2BR	d	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-2BR	d	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
MW-2BR	d	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-2BR	d	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-3	d	Arsenic	7440-38-2	mg/L	4/24/2009	n/a	n/a	X	0.00152
MW-3	d	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.154
MW-3	d	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-3	d	Cadmium	7440-43-9	mg/L	4/24/2009	n/a	n/a	X	0.00224
MW-3	d	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
MW-3	d	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-3	d	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
MW-3	d	Lead	7439-92-1	mg/L	4/24/2009	n/a	n/a	X	0.00915
MW-3	d	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-3	d	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-3	d	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-3	d	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-3	d	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-3	d	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.0677
MW-3	d	Mercury	7439-97-6	mg/L	4/24/2009	0.0002	n/a	NDX	
MW-3	d	Tin	7440-31-5	mg/L	4/24/2009	0.1	n/a	NDX	
MW-3	d	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-3	d	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-3	d	Carbon disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-3	d	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
MW-3	d	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-3	d	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-3	d	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
MW-3	d	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Vinyl acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-3	d	Vinyl chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-3	d	1,1-Dichloropropene	563-58-6	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/24/2009	5	n/a	NDX	
MW-3	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,3-Dichloropropane	142-28-9	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	1,4-Naphthoquinone	130-15-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	1,4-Phenylenediamine	106-50-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	1-Naphthylamine	134-32-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2,2-Dichloropropane	594-20-7	ug/L	4/24/2009	4	n/a	NDX	
MW-3	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2,4,5-T [2C]	93-76-5	ug/L	4/24/2009	0.2	n/a	NDX	
MW-3	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2,4-D [2C]	94-75-7	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	2,4-Dichlorophenol	120-83-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2,4-Dimethylphenol	105-67-9	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2,4-Dinitrophenol	51-28-5	ug/L	4/24/2009	20	n/a	NDX	
MW-3	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2,6-Dichlorophenol	87-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2-Acetylaminofluorene	53-96-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2-Chloronaphthalene	91-58-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2-Chlorophenol	95-57-8	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2-Methylnaphthalene	91-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2-Methylphenol	95-48-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2-Naphthylamine	91-59-8	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2-Nitroaniline	88-74-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2-Nitrophenol	88-75-5	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/24/2009	85	n/a	NDX	
MW-3	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/24/2009	20	n/a	NDX	
MW-3	d	3/4-Methylphenol	T-34MP	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	3-Methylcholanthrene	56-49-5	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	3-Nitroaniline	99-09-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	4,4'-DDD	72-54-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	4,4'-DDE	72-55-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	4,4'-DDT	50-29-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	4-Aminobiphenyl	92-67-1	ug/L	4/24/2009	20	n/a	NDX	
MW-3	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	4-Chloroaniline	106-47-8	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	4-Nitroaniline	100-01-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	4-Nitrophenol	100-02-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Acenaphthene	83-32-9	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Acenaphthylene	208-96-8	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Acetonitrile	75-05-8	ug/L	4/24/2009	10000	n/a	NDX	
MW-3	d	Acetophenone	98-86-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Acrolein	107-02-8	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Aldrin	309-00-2	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	3-Chloropropene	107-05-1	ug/L	4/24/2009	2	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	alpha-BHC	319-84-6	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Anthracene	120-12-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Benzo [a] anthracene	56-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Benzo [a] pyrene	50-32-8	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Benzyl alcohol	100-51-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	beta-BHC	319-85-7	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Butyl benzyl phthalate	85-68-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Chlordane	57-74-9	ug/L	4/24/2009	2	n/a	NDX	
MW-3	d	Chlorobenzilate	510-15-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Chloroprene	126-99-8	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Chrysene	218-01-9	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Cyanide	57-12-5	mg/L	4/24/2009	0.01	n/a	NDX	
MW-3	d	delta-BHC	319-86-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Diallate [cis or trans]	2303-16-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Dibenzofuran	132-64-9	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Dichlorodifluoromethane	75-71-8	ug/L	4/24/2009	3	n/a	NDX	
MW-3	d	Dieldrin	60-57-1	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Diethyl phthalate	84-66-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Dimethoate	60-51-5	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Dimethyl phthalate	131-11-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Di-n-butyl phthalate	84-74-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Di-n-octyl phthalate	117-84-0	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Dinoseb	88-85-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Diphenylamine	122-39-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Disulfoton	298-04-4	ug/L	4/24/2009	70	n/a	NDX	
MW-3	d	Endosulfan I	959-98-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Endosulfan II	33213-65-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Endosulfan sulfate	1031-07-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Endrin	72-20-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Endrin aldehyde	7421-93-4	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Ethyl Methacrylate	97-63-2	ug/L	4/24/2009	2	n/a	NDX	
MW-3	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Famphur	52-85-7	ug/L	4/24/2009	20	n/a	NDX	
MW-3	d	Fluoranthene	206-44-0	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Fluorene	86-73-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Heptachlor	76-44-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Heptachlor epoxide	1024-57-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Hexachlorobenzene	118-74-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Hexachlorobutadiene	87-68-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Hexachloroethane	67-72-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Hexachloropropene	1888-71-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Isobutanol	78-83-1	mg/L	4/24/2009	10	n/a	NDX	
MW-3	d	Isodrin	465-73-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Isophorone	78-59-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Isosafrole	120-58-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Kepone	143-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Methacrylonitrile	126-98-7	ug/L	4/24/2009	1	n/a	NDX	
MW-3	d	Methapyrilene	91-80-5	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Methoxychlor	72-43-5	ug/L	4/24/2009	0.032	n/a	NDX	
MW-3	d	Methyl Methacrylate	80-62-6	ug/L	4/24/2009	2	n/a	NDX	
MW-3	d	Methyl Methanesulfonate	66-27-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Naphthalene	91-20-3	ug/L	4/24/2009	5	n/a	NDX	
MW-3	d	Nitrobenzene	98-95-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	N-Nitrosopiperidine	100-75-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	4/24/2009	30	n/a	NDX	
MW-3	d	o-Toluidine	95-53-4	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Parathion-ethyl	56-38-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Parathion-methyl	298-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	PCB-1016	12674-11-2	ug/L	4/24/2009	0.8	n/a	NDX	
MW-3	d	PCB-1221	11104-28-2	ug/L	4/24/2009	0.8	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	PCB-1232	11141-16-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-3	d	PCB-1242	53469-21-9	ug/L	4/24/2009	0.8	n/a	NDX	
MW-3	d	PCB-1248	12672-29-6	ug/L	4/24/2009	0.8	n/a	NDX	
MW-3	d	PCB-1254	11097-69-1	ug/L	4/24/2009	0.8	n/a	NDX	
MW-3	d	PCB-1260	11096-82-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-3	d	PCB-1268	11100-14-4	ug/L	4/24/2009	0.8	n/a	NDX	
MW-3	d	Pentachlorobenzene	608-93-5	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Pentachloronitrobenzene	82-68-8	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Phenacetin	62-44-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Phenanthrene	85-01-8	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Phenol	108-95-2	ug/L	4/24/2009	20	n/a	NDX	
MW-3	d	Phorate	298-02-2	ug/L	4/24/2009	60	n/a	NDX	
MW-3	d	Pronamide	23950-58-5	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Propionitrile	107-12-0	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Pyrene	129-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Saflrole	94-59-7	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/24/2009	0.2	n/a	NDX	
MW-3	d	Sulfide	18496-25-8	mg/L	4/24/2009	1	n/a	NDX	
MW-3	d	Thionazin	297-97-2	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Toxaphene	8001-35-2	ug/L	4/24/2009	2	n/a	NDX	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-3	d	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-5AR	u	Arsenic	7440-38-2	mg/L	4/24/2009	0.001	n/a	NDX	
MW-5AR	u	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.412
MW-5AR	u	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-5AR	u	Cadmium	7440-43-9	mg/L	4/24/2009	n/a	n/a	X	0.00536
MW-5AR	u	Chromium	7440-47-3	mg/L	4/24/2009	n/a	n/a	X	0.0213
MW-5AR	u	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-5AR	u	Copper	7440-50-8	mg/L	4/24/2009	n/a	n/a	X	0.028
MW-5AR	u	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
MW-5AR	u	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-5AR	u	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-5AR	u	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-5AR	u	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-5AR	u	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-5AR	u	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.121
MW-5AR	u	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-5AR	u	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-5AR	u	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
MW-5AR	u	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-5AR	u	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-5AR	u	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-5AR	u	Iodomethane	74-88-4	ug/L	4/24/2009	20	n/a	NDX	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-5AR	u	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-6A	u	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-6A	u	Arsenic	7440-38-2	mg/L	4/24/2009	0.001	n/a	NDX	
MW-6A	u	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.208
MW-6A	u	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-6A	u	Cadmium	7440-43-9	mg/L	4/24/2009	n/a	n/a	X	0.000524
MW-6A	u	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
MW-6A	u	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-6A	u	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
MW-6A	u	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
MW-6A	u	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-6A	u	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-6A	u	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-6A	u	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-6A	u	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-6A	u	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.053
MW-6A	u	Mercury	7439-97-6	mg/L	4/24/2009	0.0002	n/a	NDX	
MW-6A	u	Tin	7440-31-5	mg/L	4/24/2009	0.1	n/a	NDX	
MW-6A	u	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
MW-6A	u	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-6A	u	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-6A	u	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
MW-6A	u	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-6A	u	1,1-Dichloropropene	563-58-6	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/24/2009	5	n/a	NDX	
MW-6A	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	1,3-Dichlorobenzene	541-73-1	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,3-Dichloropropane	142-28-9	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	1,3-Dinitrobenzene	99-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	1,4-Naphthoquinone	130-15-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	1,4-Phenylenediamine	106-50-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	1-Naphthylamine	134-32-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2,2-Dichloropropane	594-20-7	ug/L	4/24/2009	4	n/a	NDX	
MW-6A	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/24/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	2,4,5-T [2C]	93-76-5	ug/L	4/24/2009	0.21	n/a	NDX	
MW-6A	u	2,4,5-Trichlorophenol	95-95-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2,4,6-Trichlorophenol	88-06-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2,4-D [2C]	94-75-7	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	2,4-Dichlorophenol	120-83-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2,4-Dimethylphenol	105-67-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2,4-Dinitrophenol	51-28-5	ug/L	4/24/2009	20	n/a	NDX	
MW-6A	u	2,4-Dinitrotoluene	121-14-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2,6-Dichlorophenol	87-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2,6-Dinitrotoluene	606-20-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2-Acetylaminofluorene	53-96-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2-Chloronaphthalene	91-58-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2-Chlorophenol	95-57-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2-Methylnaphthalene	91-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2-Methylphenol	95-48-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2-Naphthylamine	91-59-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2-Nitroaniline	88-74-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2-Nitrophenol	88-75-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	3,3-Dichlorobenzidine	91-94-1	ug/L	4/24/2009	85	n/a	NDX	
MW-6A	u	3,3-Dimethylbenzidine	119-93-7	ug/L	4/24/2009	20	n/a	NDX	
MW-6A	u	3/4-Methylphenol	T-34MP	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	3-Methylcholanthrene	56-49-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	3-Nitroaniline	99-09-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	4,4'-DDD	72-54-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	4,4'-DDE	72-55-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	4,4'-DDT	50-29-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	4-Aminobiphenyl	92-67-1	ug/L	4/24/2009	20	n/a	NDX	
MW-6A	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	4-Chloro-3-methylphenol	59-50-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	4-Chloroaniline	106-47-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	4-Nitroaniline	100-01-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	4-Nitrophenol	100-02-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	5-Nitro-o-toluidine	99-55-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Acenaphthene	83-32-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Acenaphthylene	208-96-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Acetonitrile	75-05-8	ug/L	4/24/2009	10000	n/a	NDX	
MW-6A	u	Acetophenone	98-86-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Acrolein	107-02-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Aldrin	309-00-2	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	3-Chloropropene	107-05-1	ug/L	4/24/2009	2	n/a	NDX	
MW-6A	u	alpha-BHC	319-84-6	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Anthracene	120-12-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Benzo [a] anthracene	56-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Benzo [a] pyrene	50-32-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Benzo [b] fluoranthene	205-99-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Benzo [g,h,i] perylene	191-24-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Benzo [k] fluoranthene	207-08-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Benzyl alcohol	100-51-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	beta-BHC	319-85-7	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Butyl benzyl phthalate	85-68-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Chlordane	57-74-9	ug/L	4/24/2009	2	n/a	NDX	
MW-6A	u	Chlorobenzilate	510-15-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Chloroprene	126-99-8	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Chrysene	218-01-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Cyanide	57-12-5	mg/L	4/24/2009	0.01	n/a	NDX	
MW-6A	u	delta-BHC	319-86-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Diallate [cis or trans]	2303-16-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Dibenz [a,h] anthracene	53-70-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Dibenzofuran	132-64-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Dichlorodifluoromethane	75-71-8	ug/L	4/24/2009	3	n/a	NDX	
MW-6A	u	Dieldrin	60-57-1	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Diethyl phthalate	84-66-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Dimethoate	60-51-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Dimethyl phthalate	131-11-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Dimethylaminoazobenzene	60-11-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Di-n-butyl phthalate	84-74-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Di-n-octyl phthalate	117-84-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Dinoseb	88-85-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Diphenylamine	122-39-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Disulfoton	298-04-4	ug/L	4/24/2009	70	n/a	NDX	
MW-6A	u	Endosulfan I	959-98-8	ug/L	4/24/2009	0.032	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Endosulfan II	33213-65-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Endosulfan sulfate	1031-07-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Endrin	72-20-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Endrin aldehyde	7421-93-4	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Ethyl Methacrylate	97-63-2	ug/L	4/24/2009	2	n/a	NDX	
MW-6A	u	Ethyl Methanesulfonate	62-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Famphur	52-85-7	ug/L	4/24/2009	20	n/a	NDX	
MW-6A	u	Fluoranthene	206-44-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Fluorene	86-73-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	gamma-BHC [Lindane]	58-89-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Heptachlor	76-44-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Heptachlor epoxide	1024-57-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Hexachlorobenzene	118-74-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Hexachlorobutadiene	87-68-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Hexachlorocyclopentadiene	77-47-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Hexachloroethane	67-72-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Hexachloropropene	1888-71-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Isobutanol	78-83-1	mg/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Isodrin	465-73-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Isophorone	78-59-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Isosafrole	120-58-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Kepone	143-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Methacrylonitrile	126-98-7	ug/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Methapyrilene	91-80-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Methoxychlor	72-43-5	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6A	u	Methyl Methacrylate	80-62-6	ug/L	4/24/2009	2	n/a	NDX	
MW-6A	u	Methyl Methanesulfonate	66-27-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Naphthalene	91-20-3	ug/L	4/24/2009	5	n/a	NDX	
MW-6A	u	Nitrobenzene	98-95-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	N-Nitrosodiethylamine	55-18-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	N-Nitrosodimethylamine	62-75-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	N-Nitrosodiphenylamine	86-30-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	N-Nitrosopiperidine	100-75-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	N-Nitrosopyrrolidine	930-55-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	4/24/2009	30	n/a	NDX	
MW-6A	u	o-Toluidine	95-53-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Parathion-ethyl	56-38-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Parathion-methyl	298-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	PCB-1016	12674-11-2	ug/L	4/24/2009	0.8	n/a	NDX	
MW-6A	u	PCB-1221	11104-28-2	ug/L	4/24/2009	0.8	n/a	NDX	
MW-6A	u	PCB-1232	11141-16-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-6A	u	PCB-1242	53469-21-9	ug/L	4/24/2009	0.8	n/a	NDX	
MW-6A	u	PCB-1248	12672-29-6	ug/L	4/24/2009	0.8	n/a	NDX	
MW-6A	u	PCB-1254	11097-69-1	ug/L	4/24/2009	0.8	n/a	NDX	
MW-6A	u	PCB-1260	11096-82-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-6A	u	PCB-1268	11100-14-4	ug/L	4/24/2009	0.8	n/a	NDX	
MW-6A	u	Pentachlorobenzene	608-93-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Pentachloronitrobenzene	82-68-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Pentachlorophenol [2C]	87-86-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Phenacetin	62-44-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Phenanthrene	85-01-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Phenol	108-95-2	ug/L	4/24/2009	20	n/a	NDX	
MW-6A	u	Phorate	298-02-2	ug/L	4/24/2009	60	n/a	NDX	
MW-6A	u	Pronamide	23950-58-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Propionitrile	107-12-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Pyrene	129-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Safrole	94-59-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/24/2009	0.21	n/a	NDX	
MW-6A	u	Sulfide	18496-25-8	mg/L	4/24/2009	1	n/a	NDX	
MW-6A	u	Thionazin	297-97-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Toxaphene	8001-35-2	ug/L	4/24/2009	2	n/a	NDX	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-6B	u	Arsenic	7440-38-2	mg/L	4/24/2009	0.001	n/a	NDX	
MW-6B	u	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.0572
MW-6B	u	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-6B	u	Cadmium	7440-43-9	mg/L	4/24/2009	n/a	n/a	X	0.00156
MW-6B	u	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
MW-6B	u	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-6B	u	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
MW-6B	u	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
MW-6B	u	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-6B	u	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-6B	u	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-6B	u	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-6B	u	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.0762
MW-6B	u	Mercury	7439-97-6	mg/L	4/24/2009	0.0002	n/a	NDX	
MW-6B	u	Tin	7440-31-5	mg/L	4/24/2009	0.1	n/a	NDX	
MW-6B	u	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
MW-6B	u	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-6B	u	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-6B	u	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
MW-6B	u	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-6B	u	1,1-Dichloropropene	563-58-6	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/24/2009	5	n/a	NDX	
MW-6B	u	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	1,3-Dichlorobenzene	541-73-1	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,3-Dichloropropane	142-28-9	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	1,3-Dinitrobenzene	99-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	1,4-Naphthoquinone	130-15-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	1,4-Phenylenediamine	106-50-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	1-Naphthylamine	134-32-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2,2-Dichloropropane	594-20-7	ug/L	4/24/2009	4	n/a	NDX	
MW-6B	u	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2,4,5-T [2C]	93-76-5	ug/L	4/24/2009	0.22	n/a	NDX	
MW-6B	u	2,4,5-Trichlorophenol	95-95-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2,4,6-Trichlorophenol	88-06-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2,4-D [2C]	94-75-7	ug/L	4/24/2009	1.1	n/a	NDX	
MW-6B	u	2,4-Dichlorophenol	120-83-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2,4-Dimethylphenol	105-67-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2,4-Dinitrophenol	51-28-5	ug/L	4/24/2009	20	n/a	NDX	
MW-6B	u	2,4-Dinitrotoluene	121-14-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2,6-Dichlorophenol	87-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2,6-Dinitrotoluene	606-20-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2-Acetylaminofluorene	53-96-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2-Chloronaphthalene	91-58-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2-Chlorophenol	95-57-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2-Methylnaphthalene	91-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2-Methylphenol	95-48-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2-Naphthylamine	91-59-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2-Nitroaniline	88-74-4	ug/L	4/24/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	2-Nitrophenol	88-75-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	3,3-Dichlorobenzidine	91-94-1	ug/L	4/24/2009	85	n/a	NDX	
MW-6B	u	3,3-Dimethylbenzidine	119-93-7	ug/L	4/24/2009	20	n/a	NDX	
MW-6B	u	3/4-Methylphenol	T-34MP	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	3-Methylcholanthrene	56-49-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	3-Nitroaniline	99-09-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	4,4'-DDD	72-54-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	4,4'-DDE	72-55-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	4,4'-DDT	50-29-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	4-Aminobiphenyl	92-67-1	ug/L	4/24/2009	20	n/a	NDX	
MW-6B	u	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	4-Chloro-3-methylphenol	59-50-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	4-Chloroaniline	106-47-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	4-Nitroaniline	100-01-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	4-Nitrophenol	100-02-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	5-Nitro-o-toluidine	99-55-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Acenaphthene	83-32-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Acenaphthylene	208-96-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Acetonitrile	75-05-8	ug/L	4/24/2009	10000	n/a	NDX	
MW-6B	u	Acetophenone	98-86-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Acrolein	107-02-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Aldrin	309-00-2	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	3-Chloropropene	107-05-1	ug/L	4/24/2009	2	n/a	NDX	
MW-6B	u	alpha-BHC	319-84-6	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Anthracene	120-12-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Benzo [a] anthracene	56-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Benzo [a] pyrene	50-32-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Benzo [b] fluoranthene	205-99-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Benzo [g,h,i] perylene	191-24-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Benzo [k] fluoranthene	207-08-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Benzyl alcohol	100-51-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	beta-BHC	319-85-7	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Butyl benzyl phthalate	85-68-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Chlordane	57-74-9	ug/L	4/24/2009	2	n/a	NDX	
MW-6B	u	Chlorobenzilate	510-15-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Chloroprene	126-99-8	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Chrysene	218-01-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Cyanide	57-12-5	mg/L	4/24/2009	0.01	n/a	NDX	
MW-6B	u	delta-BHC	319-86-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Diallate [cis or trans]	2303-16-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Dibenz [a,h] anthracene	53-70-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Dibenzofuran	132-64-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Dichlorodifluoromethane	75-71-8	ug/L	4/24/2009	3	n/a	NDX	
MW-6B	u	Dieldrin	60-57-1	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Diethyl phthalate	84-66-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Dimethoate	60-51-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Dimethyl phthalate	131-11-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Dimethylaminoazobenzene	60-11-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Di-n-butyl phthalate	84-74-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Di-n-octyl phthalate	117-84-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Dinoseb	88-85-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Diphenylamine	122-39-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Disulfoton	298-04-4	ug/L	4/24/2009	70	n/a	NDX	
MW-6B	u	Endosulfan I	959-98-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Endosulfan II	33213-65-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Endosulfan sulfate	1031-07-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Endrin	72-20-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Endrin aldehyde	7421-93-4	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Ethyl Methacrylate	97-63-2	ug/L	4/24/2009	2	n/a	NDX	
MW-6B	u	Ethyl Methanesulfonate	62-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Famphur	52-85-7	ug/L	4/24/2009	20	n/a	NDX	
MW-6B	u	Fluoranthene	206-44-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Fluorene	86-73-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	gamma-BHC [Lindane]	58-89-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Heptachlor	76-44-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Heptachlor epoxide	1024-57-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Hexachlorobenzene	118-74-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Hexachlorobutadiene	87-68-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Hexachlorocyclopentadiene	77-47-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Hexachloroethane	67-72-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Hexachloropropene	1888-71-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/24/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	Isobutanol	78-83-1	mg/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Isodrin	465-73-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Isophorone	78-59-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Isosafrole	120-58-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Kepone	143-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Methacrylonitrile	126-98-7	ug/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Methapyrilene	91-80-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Methoxychlor	72-43-5	ug/L	4/24/2009	0.032	n/a	NDX	
MW-6B	u	Methyl Methacrylate	80-62-6	ug/L	4/24/2009	2	n/a	NDX	
MW-6B	u	Methyl Methanesulfonate	66-27-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Naphthalene	91-20-3	ug/L	4/24/2009	5	n/a	NDX	
MW-6B	u	Nitrobenzene	98-95-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	N-Nitrosodiethylamine	55-18-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	N-Nitrosodimethylamine	62-75-9	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	N-Nitrosodiphenylamine	86-30-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	N-Nitrosopiperidine	100-75-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	N-Nitrosopyrrolidine	930-55-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	4/24/2009	30	n/a	NDX	
MW-6B	u	o-Toluidine	95-53-4	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Parathion-ethyl	56-38-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Parathion-methyl	298-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	PCB-1016	12674-11-2	ug/L	4/24/2009	1.13	n/a	NDX	
MW-6B	u	PCB-1221	11104-28-2	ug/L	4/24/2009	1.13	n/a	NDX	
MW-6B	u	PCB-1232	11141-16-5	ug/L	4/24/2009	1.13	n/a	NDX	
MW-6B	u	PCB-1242	53469-21-9	ug/L	4/24/2009	1.13	n/a	NDX	
MW-6B	u	PCB-1248	12672-29-6	ug/L	4/24/2009	1.13	n/a	NDX	
MW-6B	u	PCB-1254	11097-69-1	ug/L	4/24/2009	1.13	n/a	NDX	
MW-6B	u	PCB-1260	11096-82-5	ug/L	4/24/2009	1.13	n/a	NDX	
MW-6B	u	PCB-1268	11100-14-4	ug/L	4/24/2009	1.13	n/a	NDX	
MW-6B	u	Pentachlorobenzene	608-93-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Pentachloronitrobenzene	82-68-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Pentachlorophenol [2C]	87-86-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Phenacetin	62-44-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Phenanthrene	85-01-8	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Phenol	108-95-2	ug/L	4/24/2009	20	n/a	NDX	
MW-6B	u	Phorate	298-02-2	ug/L	4/24/2009	60	n/a	NDX	
MW-6B	u	Pronamide	23950-58-5	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Propionitrile	107-12-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Pyrene	129-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Safrole	94-59-7	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/24/2009	0.22	n/a	NDX	
MW-6B	u	Sulfide	18496-25-8	mg/L	4/24/2009	1	n/a	NDX	
MW-6B	u	Thionazin	297-97-2	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Toxaphene	8001-35-2	ug/L	4/24/2009	2	n/a	NDX	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-7AR	d	Arsenic	7440-38-2	mg/L	4/24/2009	0.001	n/a	NDX	
MW-7AR	d	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.0976
MW-7AR	d	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-7AR	d	Cadmium	7440-43-9	mg/L	4/24/2009	n/a	n/a	X	0.00126
MW-7AR	d	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
MW-7AR	d	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-7AR	d	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
MW-7AR	d	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
MW-7AR	d	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-7AR	d	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-7AR	d	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-7AR	d	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-7AR	d	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-7AR	d	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.0807
MW-7AR	d	Mercury	7439-97-6	mg/L	4/24/2009	0.0002	n/a	NDX	
MW-7AR	d	Tin	7440-31-5	mg/L	4/24/2009	0.1	n/a	NDX	
MW-7AR	d	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-7AR	d	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-7AR	d	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-7AR	d	Carbon disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-7AR	d	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
MW-7AR	d	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-7AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
MW-7AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-7AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-7AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-7AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-7AR	d	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-7AR	d	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
MW-7AR	d	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-7AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Vinyl acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-7AR	d	Vinyl chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-7AR	d	1,1-Dichloropropene	563-58-6	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/24/2009	5	n/a	NDX	
MW-7AR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,3-Dichloropropane	142-28-9	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	1,4-Naphthoquinone	130-15-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	1,4-Phenylenediamine	106-50-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	1-Naphthylamine	134-32-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2,2-Dichloropropane	594-20-7	ug/L	4/24/2009	4	n/a	NDX	
MW-7AR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2,4,5-T [2C]	93-76-5	ug/L	4/24/2009	0.22	n/a	NDX	
MW-7AR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2,4-D [2C]	94-75-7	ug/L	4/24/2009	1.1	n/a	NDX	
MW-7AR	d	2,4-Dichlorophenol	120-83-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2,4-Dimethylphenol	105-67-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2,4-Dinitrophenol	51-28-5	ug/L	4/24/2009	20	n/a	NDX	
MW-7AR	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2,6-Dichlorophenol	87-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2-Acetylaminofluorene	53-96-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2-Chloronaphthalene	91-58-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2-Chlorophenol	95-57-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2-Methylnaphthalene	91-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2-Methylphenol	95-48-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2-Naphthylamine	91-59-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2-Nitroaniline	88-74-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2-Nitrophenol	88-75-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/24/2009	85	n/a	NDX	
MW-7AR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/24/2009	20	n/a	NDX	
MW-7AR	d	3/4-Methylphenol	T-34MP	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	3-Methylcholanthrene	56-49-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	3-Nitroaniline	99-09-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	4,4'-DDD	72-54-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	4,4'-DDE	72-55-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	4,4'-DDT	50-29-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	4-Aminobiphenyl	92-67-1	ug/L	4/24/2009	20	n/a	NDX	
MW-7AR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	4-Chloroaniline	106-47-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	4-Nitroaniline	100-01-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	4-Nitrophenol	100-02-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/24/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7AR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Acenaphthene	83-32-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Acenaphthylene	208-96-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Acetonitrile	75-05-8	ug/L	4/24/2009	10000	n/a	NDX	
MW-7AR	d	Acetophenone	98-86-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Acrolein	107-02-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Aldrin	309-00-2	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	3-Chloropropene	107-05-1	ug/L	4/24/2009	2	n/a	NDX	
MW-7AR	d	alpha-BHC	319-84-6	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Anthracene	120-12-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Benzo [a] anthracene	56-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Benzo [a] pyrene	50-32-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Benzyl alcohol	100-51-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	beta-BHC	319-85-7	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Butyl benzyl phthalate	85-68-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Chlordane	57-74-9	ug/L	4/24/2009	2	n/a	NDX	
MW-7AR	d	Chlorobenzilate	510-15-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Chloroprene	126-99-8	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Chrysene	218-01-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Cyanide	57-12-5	mg/L	4/24/2009	0.01	n/a	NDX	
MW-7AR	d	delta-BHC	319-86-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Diallate [cis or trans]	2303-16-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Dibenzofuran	132-64-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Dichlorodifluoromethane	75-71-8	ug/L	4/24/2009	3	n/a	NDX	
MW-7AR	d	Dieldrin	60-57-1	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Diethyl phthalate	84-66-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Dimethoate	60-51-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Dimethyl phthalate	131-11-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Di-n-butyl phthalate	84-74-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Di-n-octyl phthalate	117-84-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Dinoseb	88-85-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Diphenylamine	122-39-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Disulfoton	298-04-4	ug/L	4/24/2009	70	n/a	NDX	
MW-7AR	d	Endosulfan I	959-98-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Endosulfan II	33213-65-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Endosulfan sulfate	1031-07-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Endrin	72-20-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Endrin aldehyde	7421-93-4	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Ethyl Methacrylate	97-63-2	ug/L	4/24/2009	2	n/a	NDX	
MW-7AR	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Famphur	52-85-7	ug/L	4/24/2009	20	n/a	NDX	
MW-7AR	d	Fluoranthene	206-44-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Fluorene	86-73-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	gamma-BHC [Lindane]	58-89-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Heptachlor	76-44-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Heptachlor epoxide	1024-57-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Hexachlorobenzene	118-74-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Hexachlorobutadiene	87-68-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Hexachloroethane	67-72-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Hexachloropropene	1888-71-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Isobutanol	78-83-1	mg/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Isodrin	465-73-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Isophorone	78-59-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Isosafrole	120-58-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Kepone	143-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Methacrylonitrile	126-98-7	ug/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Methapyrilene	91-80-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Methoxychlor	72-43-5	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7AR	d	Methyl Methacrylate	80-62-6	ug/L	4/24/2009	2	n/a	NDX	
MW-7AR	d	Methyl Methanesulfonate	66-27-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Naphthalene	91-20-3	ug/L	4/24/2009	5	n/a	NDX	
MW-7AR	d	Nitrobenzene	98-95-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/24/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7AR	d	N-Nitrosopiperidine	100-75-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	4/24/2009	30	n/a	NDX	
MW-7AR	d	o-Toluidine	95-53-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Parathion-ethyl	56-38-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Parathion-methyl	298-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	PCB-1016	12674-11-2	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7AR	d	PCB-1221	11104-28-2	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7AR	d	PCB-1232	11141-16-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7AR	d	PCB-1242	53469-21-9	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7AR	d	PCB-1248	12672-29-6	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7AR	d	PCB-1254	11097-69-1	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7AR	d	PCB-1260	11096-82-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7AR	d	PCB-1268	11100-14-4	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7AR	d	Pentachlorobenzene	608-93-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Pentachloronitrobenzene	82-68-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Phenacetin	62-44-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Phenanthrene	85-01-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Phenol	108-95-2	ug/L	4/24/2009	20	n/a	NDX	
MW-7AR	d	Phorate	298-02-2	ug/L	4/24/2009	60	n/a	NDX	
MW-7AR	d	Pronamide	23950-58-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Propionitrile	107-12-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Pyrene	129-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Safrole	94-59-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/24/2009	0.22	n/a	NDX	
MW-7AR	d	Sulfide	18496-25-8	mg/L	4/24/2009	1	n/a	NDX	
MW-7AR	d	Thionazin	297-97-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Toxaphene	8001-35-2	ug/L	4/24/2009	2	n/a	NDX	
MW-7AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7AR	d	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-7BR	d	Arsenic	7440-38-2	mg/L	4/24/2009	0.001	n/a	NDX	
MW-7BR	d	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.213
MW-7BR	d	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-7BR	d	Cadmium	7440-43-9	mg/L	4/24/2009	0.0005	n/a	NDX	
MW-7BR	d	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
MW-7BR	d	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-7BR	d	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
MW-7BR	d	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
MW-7BR	d	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-7BR	d	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-7BR	d	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-7BR	d	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-7BR	d	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-7BR	d	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.0383
MW-7BR	d	Mercury	7439-97-6	mg/L	4/24/2009	0.0002	n/a	NDX	
MW-7BR	d	Tin	7440-31-5	mg/L	4/24/2009	0.1	n/a	NDX	
MW-7BR	d	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-7BR	d	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-7BR	d	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-7BR	d	Carbon disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-7BR	d	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
MW-7BR	d	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-7BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	
MW-7BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
MW-7BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-7BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-7BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-7BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-7BR	d	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-7BR	d	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7BR	d	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-7BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Vinyl acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-7BR	d	Vinyl chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
MW-7BR	d	1,1-Dichloropropene	563-58-6	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	4/24/2009	5	n/a	NDX	
MW-7BR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	1,3-Dichlorobenzene	541-73-1	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,3-Dichloropropane	142-28-9	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	1,3-Dinitrobenzene	99-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	1,4-Naphthoquinone	130-15-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	1,4-Phenylenediamine	106-50-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	1-Naphthylamine	134-32-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2,2-Dichloropropane	594-20-7	ug/L	4/24/2009	4	n/a	NDX	
MW-7BR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2,4,5-T [2C]	93-76-5	ug/L	4/24/2009	0.21	n/a	NDX	
MW-7BR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2,4-D [2C]	94-75-7	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	2,4-Dichlorophenol	120-83-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2,4-Dimethylphenol	105-67-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2,4-Dinitrophenol	51-28-5	ug/L	4/24/2009	20	n/a	NDX	
MW-7BR	d	2,4-Dinitrotoluene	121-14-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2,6-Dichlorophenol	87-65-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2,6-Dinitrotoluene	606-20-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2-Acetylaminofluorene	53-96-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2-Chloronaphthalene	91-58-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2-Chlorophenol	95-57-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2-Methylnaphthalene	91-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2-Methylphenol	95-48-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2-Naphthylamine	91-59-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2-Nitroaniline	88-74-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2-Nitrophenol	88-75-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	4/24/2009	85	n/a	NDX	
MW-7BR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	4/24/2009	20	n/a	NDX	
MW-7BR	d	3/4-Methylphenol	T-34MP	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	3-Methylcholanthrene	56-49-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	3-Nitroaniline	99-09-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	4,4'-DDD	72-54-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	4,4'-DDE	72-55-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	4,4'-DDT	50-29-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	4-Aminobiphenyl	92-67-1	ug/L	4/24/2009	20	n/a	NDX	
MW-7BR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	4-Chloroaniline	106-47-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	4-Nitroaniline	100-01-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	4-Nitrophenol	100-02-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	5-Nitro-o-toluidine	99-55-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Acenaphthene	83-32-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Acenaphthylene	208-96-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Acetonitrile	75-05-8	ug/L	4/24/2009	10000	n/a	NDX	
MW-7BR	d	Acetophenone	98-86-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Acrolein	107-02-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Aldrin	309-00-2	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	3-Chloropropene	107-05-1	ug/L	4/24/2009	2	n/a	NDX	
MW-7BR	d	alpha-BHC	319-84-6	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Anthracene	120-12-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Benzo [a] anthracene	56-55-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Benzo [a] pyrene	50-32-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Benzo [b] fluoranthene	205-99-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Benzo [k] fluoranthene	207-08-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Benzyl alcohol	100-51-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	beta-BHC	319-85-7	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/24/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7BR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Butyl benzyl phthalate	85-68-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Chlordane	57-74-9	ug/L	4/24/2009	2	n/a	NDX	
MW-7BR	d	Chlorobenzilate	510-15-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Chloroprene	126-99-8	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Chrysene	218-01-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Cyanide	57-12-5	mg/L	4/24/2009	0.01	n/a	NDX	
MW-7BR	d	delta-BHC	319-86-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Diallate [cis or trans]	2303-16-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Dibenzofuran	132-64-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Dichlorodifluoromethane	75-71-8	ug/L	4/24/2009	3	n/a	NDX	
MW-7BR	d	Dieldrin	60-57-1	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Diethyl phthalate	84-66-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Dimethoate	60-51-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Dimethyl phthalate	131-11-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Dimethylaminoazobenzene	60-11-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Di-n-butyl phthalate	84-74-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Di-n-octyl phthalate	117-84-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Dinoseb	88-85-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Diphenylamine	122-39-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Disulfoton	298-04-4	ug/L	4/24/2009	70	n/a	NDX	
MW-7BR	d	Endosulfan I	959-98-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Endosulfan II	33213-65-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Endosulfan sulfate	1031-07-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Endrin	72-20-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Endrin aldehyde	7421-93-4	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Ethyl Methacrylate	97-63-2	ug/L	4/24/2009	2	n/a	NDX	
MW-7BR	d	Ethyl Methanesulfonate	62-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Famphur	52-85-7	ug/L	4/24/2009	20	n/a	NDX	
MW-7BR	d	Fluoranthene	206-44-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Fluorene	86-73-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	gamma-BHC [Lindane]	58-89-9	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Heptachlor	76-44-8	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Heptachlor epoxide	1024-57-3	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Hexachlorobenzene	118-74-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Hexachlorobutadiene	87-68-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Hexachloroethane	67-72-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Hexachloropropene	1888-71-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Isobutanol	78-83-1	mg/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Isodrin	465-73-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Isophorone	78-59-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Isosafrole	120-58-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Kepone	143-50-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Methacrylonitrile	126-98-7	ug/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Methapyriline	91-80-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Methoxychlor	72-43-5	ug/L	4/24/2009	0.032	n/a	NDX	
MW-7BR	d	Methyl Methacrylate	80-62-6	ug/L	4/24/2009	2	n/a	NDX	
MW-7BR	d	Methyl Methanesulfonate	66-27-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Naphthalene	91-20-3	ug/L	4/24/2009	5	n/a	NDX	
MW-7BR	d	Nitrobenzene	98-95-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	N-Nitrosodiethylamine	55-18-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	N-Nitrosodimethylamine	62-75-9	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	N-Nitrosopiperidine	100-75-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	4/24/2009	30	n/a	NDX	
MW-7BR	d	o-Toluidine	95-53-4	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Parathion-ethyl	56-38-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Parathion-methyl	298-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	PCB-1016	12674-11-2	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7BR	d	PCB-1221	11104-28-2	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7BR	d	PCB-1232	11141-16-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7BR	d	PCB-1242	53469-21-9	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7BR	d	PCB-1248	12672-29-6	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7BR	d	PCB-1254	11097-69-1	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7BR	d	PCB-1260	11096-82-5	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7BR	d	PCB-1268	11100-14-4	ug/L	4/24/2009	0.8	n/a	NDX	
MW-7BR	d	Pentachlorobenzene	608-93-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Pentachloronitrobenzene	82-68-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Pentachlorophenol [2C]	87-86-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Phenacetin	62-44-2	ug/L	4/24/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7BR	d	Phenanthrene	85-01-8	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Phenol	108-95-2	ug/L	4/24/2009	20	n/a	NDX	
MW-7BR	d	Phorate	298-02-2	ug/L	4/24/2009	60	n/a	NDX	
MW-7BR	d	Pronamide	23950-58-5	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Propionitrile	107-12-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Pyrene	129-00-0	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Safrole	94-59-7	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	4/24/2009	0.21	n/a	NDX	
MW-7BR	d	Sulfide	18496-25-8	mg/L	4/24/2009	1	n/a	NDX	
MW-7BR	d	Thionazin	297-97-2	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Toxaphene	8001-35-2	ug/L	4/24/2009	2	n/a	NDX	
MW-7BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-7BR	d	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
MW-8R	d	Arsenic	7440-38-2	mg/L	4/24/2009	n/a	n/a	X	0.00782
MW-8R	d	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.0293
MW-8R	d	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	
MW-8R	d	Cadmium	7440-43-9	mg/L	4/24/2009	0.0005	n/a	NDX	
MW-8R	d	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
MW-8R	d	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-8R	d	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
MW-8R	d	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
MW-8R	d	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
MW-8R	d	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
MW-8R	d	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
MW-8R	d	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
MW-8R	d	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
MW-8R	d	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.123
MW-8R	d	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
MW-8R	d	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
MW-8R	d	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
MW-8R	d	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
MW-8R	d	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
MW-8R	d	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
MW-8R	d	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
MW-8R	d	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
UD-A	d	Antimony	7440-36-0	mg/L	4/24/2009	0.006	n/a	NDX	
UD-A	d	Arsenic	7440-38-2	mg/L	4/24/2009	n/a	n/a	X	0.00155
UD-A	d	Barium	7440-39-3	mg/L	4/24/2009	n/a	n/a	X	0.134
UD-A	d	Beryllium	7440-41-7	mg/L	4/24/2009	0.001	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-A	d	Cadmium	7440-43-9	mg/L	4/24/2009	0.0005	n/a	NDX	
UD-A	d	Chromium	7440-47-3	mg/L	4/24/2009	0.02	n/a	NDX	
UD-A	d	Cobalt	7440-48-4	mg/L	4/24/2009	0.02	n/a	NDX	
UD-A	d	Copper	7440-50-8	mg/L	4/24/2009	0.02	n/a	NDX	
UD-A	d	Lead	7439-92-1	mg/L	4/24/2009	0.004	n/a	NDX	
UD-A	d	Nickel	7440-02-0	mg/L	4/24/2009	0.05	n/a	NDX	
UD-A	d	Selenium	7782-49-2	mg/L	4/24/2009	0.005	n/a	NDX	
UD-A	d	Silver	7440-22-4	mg/L	4/24/2009	0.02	n/a	NDX	
UD-A	d	Thallium	7440-28-0	mg/L	4/24/2009	0.002	n/a	NDX	
UD-A	d	Vanadium	7440-62-2	mg/L	4/24/2009	0.05	n/a	NDX	
UD-A	d	Zinc	7440-66-6	mg/L	4/24/2009	n/a	n/a	X	0.0401
UD-A	d	Acetone	67-64-1	ug/L	4/24/2009	10	n/a	NDX	
UD-A	d	Acrylonitrile	107-13-1	ug/L	4/24/2009	10	n/a	NDX	
UD-A	d	Benzene	71-43-2	ug/L	4/24/2009	0.5	n/a	NDX	
UD-A	d	Bromochloromethane	74-97-5	ug/L	4/24/2009	5	n/a	NDX	
UD-A	d	Bromodichloromethane	75-27-4	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Bromoform	75-25-2	ug/L	4/24/2009	5	n/a	NDX	
UD-A	d	2-Butanone	78-93-3	ug/L	4/24/2009	10	n/a	NDX	
UD-A	d	Carbon Disulfide	75-15-0	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Carbon Tetrachloride	56-23-5	ug/L	4/24/2009	2	n/a	NDX	
UD-A	d	Chlorobenzene	108-90-7	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Chloroethane	75-00-3	ug/L	4/24/2009	4	n/a	NDX	
UD-A	d	Chloroform	67-66-3	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Chlorodibromomethane	124-48-1	ug/L	4/24/2009	5	n/a	NDX	
UD-A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/24/2009	0.86	n/a	NDX	
UD-A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/24/2009	0.25	n/a	NDX	
UD-A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/24/2009	10	n/a	NDX	
UD-A	d	1,1-Dichloroethane	75-34-3	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	1,2-Dichloroethane	107-06-2	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	1,1-Dichloroethene	75-35-4	ug/L	4/24/2009	2	n/a	NDX	
UD-A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	1,2-Dichloropropane	78-87-5	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2009	5	n/a	NDX	
UD-A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2009	5	n/a	NDX	
UD-A	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Ethylbenzene	100-41-4	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	2-Hexanone	591-78-6	ug/L	4/24/2009	10	n/a	NDX	
UD-A	d	Bromomethane	74-83-9	ug/L	4/24/2009	4	n/a	NDX	
UD-A	d	Chloromethane	74-87-3	ug/L	4/24/2009	3	n/a	NDX	
UD-A	d	Iodomethane	74-88-4	ug/L	4/24/2009	10	n/a	NDX	
UD-A	d	Methylene Bromide	74-95-3	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Methylene Chloride	75-09-2	ug/L	4/24/2009	5	n/a	NDX	
UD-A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/24/2009	10	n/a	NDX	
UD-A	d	Styrene	100-42-5	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Tetrachloroethene	127-18-4	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Toluene	108-88-3	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Trichloroethene	79-01-6	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Trichlorofluoromethane	75-69-4	ug/L	4/24/2009	4	n/a	NDX	
UD-A	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Vinyl Acetate	108-05-4	ug/L	4/24/2009	2	n/a	NDX	
UD-A	d	Vinyl Chloride	75-01-4	ug/L	4/24/2009	1	n/a	NDX	
UD-A	d	Xylenes, total	1330-20-7	ug/L	4/24/2009	3	n/a	NDX	
GDW	d	Antimony	7440-36-0	mg/L	7/10/2009	0.006	n/a	NDX	
GDW	d	Arsenic	7440-38-2	mg/L	7/10/2009	n/a	n/a	X	0.0354
GDW	d	Barium	7440-39-3	mg/L	7/10/2009	n/a	n/a	X	0.982
GDW	d	Beryllium	7440-41-7	mg/L	7/10/2009	n/a	n/a	X	0.00544
GDW	d	Cadmium	7440-43-9	mg/L	7/10/2009	n/a	n/a	X	0.00234
GDW	d	Chromium	7440-47-3	mg/L	7/10/2009	n/a	n/a	X	0.158
GDW	d	Cobalt	7440-48-4	mg/L	7/10/2009	n/a	n/a	X	0.0525
GDW	d	Copper	7440-50-8	mg/L	7/10/2009	n/a	n/a	X	0.164
GDW	d	Lead	7439-92-1	mg/L	7/10/2009	n/a	n/a	X	0.131
GDW	d	Nickel	7440-02-0	mg/L	7/10/2009	n/a	n/a	X	0.14
GDW	d	Selenium	7782-49-2	mg/L	7/10/2009	0.005	n/a	NDX	
GDW	d	Silver	7440-22-4	mg/L	7/10/2009	0.02	n/a	NDX	
GDW	d	Thallium	7440-28-0	mg/L	7/10/2009	0.002	n/a	NDX	
GDW	d	Vanadium	7440-62-2	mg/L	7/10/2009	n/a	n/a	X	0.312
GDW	d	Zinc	7440-66-6	mg/L	7/10/2009	n/a	n/a	X	0.722
GDW	d	Acetone	67-64-1	ug/L	7/10/2009	50	n/a	NDX	
GDW	d	Acrylonitrile	107-13-1	ug/L	7/10/2009	50	n/a	NDX	
GDW	d	Benzene	71-43-2	ug/L	7/10/2009	2.5	n/a	NDX	
GDW	d	Bromochloromethane	74-97-5	ug/L	7/10/2009	25	n/a	NDX	
GDW	d	Bromodichloromethane	75-27-4	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Bromoform	75-25-2	ug/L	7/10/2009	25	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	2-Butanone	78-93-3	ug/L	7/10/2009	50	n/a	NDX	
GDW	d	Carbon Disulfide	75-15-0	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2009	10	n/a	NDX	
GDW	d	Chlorobenzene	108-90-7	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Chloroethane	75-00-3	ug/L	7/10/2009	20	n/a	NDX	
GDW	d	Chloroform	67-66-3	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2009	25	n/a	NDX	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2009	4.3	n/a	NDX	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2009	1.25	n/a	NDX	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2009	50	n/a	NDX	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2009	10	n/a	NDX	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2009	25	n/a	NDX	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2009	25	n/a	NDX	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Ethylbenzene	100-41-4	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	2-Hexanone	591-78-6	ug/L	7/10/2009	50	n/a	NDX	
GDW	d	Bromomethane	74-83-9	ug/L	7/10/2009	20	n/a	NDX	
GDW	d	Chloromethane	74-87-3	ug/L	7/10/2009	15	n/a	NDX	
GDW	d	Iodomethane	74-88-4	ug/L	7/10/2009	100	n/a	NDX	
GDW	d	Methylene Bromide	74-95-3	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Methylene Chloride	75-09-2	ug/L	7/10/2009	25	n/a	NDX	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2009	50	n/a	NDX	
GDW	d	Styrene	100-42-5	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Tetrachloroethene	127-18-4	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Toluene	108-88-3	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Trichloroethene	79-01-6	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2009	20	n/a	NDX	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Vinyl Acetate	108-05-4	ug/L	7/10/2009	10	n/a	NDX	
GDW	d	Vinyl Chloride	75-01-4	ug/L	7/10/2009	5	n/a	NDX	
GDW	d	Xylenes, total	1330-20-7	ug/L	7/10/2009	15	n/a	NDX	
UD-A	d	Antimony	7440-36-0	mg/L	7/10/2009	0.006	n/a	NDX	
UD-A	d	Arsenic	7440-38-2	mg/L	7/10/2009	n/a	n/a	X	0.0223
UD-A	d	Barium	7440-39-3	mg/L	7/10/2009	n/a	n/a	X	0.673
UD-A	d	Beryllium	7440-41-7	mg/L	7/10/2009	n/a	n/a	X	0.00252
UD-A	d	Cadmium	7440-43-9	mg/L	7/10/2009	n/a	n/a	X	0.00165
UD-A	d	Chromium	7440-47-3	mg/L	7/10/2009	n/a	n/a	X	0.0837
UD-A	d	Cobalt	7440-48-4	mg/L	7/10/2009	n/a	n/a	X	0.0293
UD-A	d	Copper	7440-50-8	mg/L	7/10/2009	n/a	n/a	X	0.0825
UD-A	d	Lead	7439-92-1	mg/L	7/10/2009	n/a	n/a	X	0.0725
UD-A	d	Nickel	7440-02-0	mg/L	7/10/2009	n/a	n/a	X	0.0769
UD-A	d	Selenium	7782-49-2	mg/L	7/10/2009	0.005	n/a	NDX	
UD-A	d	Silver	7440-22-4	mg/L	7/10/2009	0.02	n/a	NDX	
UD-A	d	Thallium	7440-28-0	mg/L	7/10/2009	0.002	n/a	NDX	
UD-A	d	Vanadium	7440-62-2	mg/L	7/10/2009	n/a	n/a	X	0.174
UD-A	d	Zinc	7440-66-6	mg/L	7/10/2009	n/a	n/a	X	0.438
UD-A	d	Acetone	67-64-1	ug/L	7/10/2009	50	n/a	NDX	
UD-A	d	Acrylonitrile	107-13-1	ug/L	7/10/2009	50	n/a	NDX	
UD-A	d	Benzene	71-43-2	ug/L	7/10/2009	2.5	n/a	NDX	
UD-A	d	Bromochloromethane	74-97-5	ug/L	7/10/2009	25	n/a	NDX	
UD-A	d	Bromodichloromethane	75-27-4	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Bromoform	75-25-2	ug/L	7/10/2009	25	n/a	NDX	
UD-A	d	2-Butanone	78-93-3	ug/L	7/10/2009	50	n/a	NDX	
UD-A	d	Carbon Disulfide	75-15-0	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2009	10	n/a	NDX	
UD-A	d	Chlorobenzene	108-90-7	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Chloroethane	75-00-3	ug/L	7/10/2009	20	n/a	NDX	
UD-A	d	Chloroform	67-66-3	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2009	25	n/a	NDX	
UD-A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2009	4.3	n/a	NDX	
UD-A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2009	1.25	n/a	NDX	
UD-A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2009	50	n/a	NDX	
UD-A	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2009	10	n/a	NDX	
UD-A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2009	25	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2009	25	n/a	NDX	
UD-A	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Ethylbenzene	100-41-4	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	2-Hexanone	591-78-6	ug/L	7/10/2009	50	n/a	NDX	
UD-A	d	Bromomethane	74-83-9	ug/L	7/10/2009	20	n/a	NDX	
UD-A	d	Chloromethane	74-87-3	ug/L	7/10/2009	15	n/a	NDX	
UD-A	d	Iodomethane	74-88-4	ug/L	7/10/2009	100	n/a	NDX	
UD-A	d	Methylene Bromide	74-95-3	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Methylene Chloride	75-09-2	ug/L	7/10/2009	25	n/a	NDX	
UD-A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2009	50	n/a	NDX	
UD-A	d	Styrene	100-42-5	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Tetrachloroethene	127-18-4	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Toluene	108-88-3	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Trichloroethene	79-01-6	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2009	20	n/a	NDX	
UD-A	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Vinyl Acetate	108-05-4	ug/L	7/10/2009	10	n/a	NDX	
UD-A	d	Vinyl Chloride	75-01-4	ug/L	7/10/2009	5	n/a	NDX	
UD-A	d	Xylenes, total	1330-20-7	ug/L	7/10/2009	15	n/a	NDX	
MW-1	d	Antimony	7440-36-0	mg/L	7/16/2009	0.006	n/a	NDX	
MW-1	d	Arsenic	7440-38-2	mg/L	7/16/2009	n/a	n/a	X	0.021
MW-1	d	Barium	7440-39-3	mg/L	7/16/2009	n/a	n/a	X	0.184
MW-1	d	Beryllium	7440-41-7	mg/L	7/16/2009	0.001	n/a	NDX	
MW-1	d	Cadmium	7440-43-9	mg/L	7/16/2009	n/a	n/a	X	0.000696
MW-1	d	Chromium	7440-47-3	mg/L	7/16/2009	0.02	n/a	NDX	
MW-1	d	Cobalt	7440-48-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-1	d	Copper	7440-50-8	mg/L	7/16/2009	0.02	n/a	NDX	
MW-1	d	Lead	7439-92-1	mg/L	7/16/2009	0.004	n/a	NDX	
MW-1	d	Nickel	7440-02-0	mg/L	7/16/2009	0.05	n/a	NDX	
MW-1	d	Selenium	7782-49-2	mg/L	7/16/2009	0.005	n/a	NDX	
MW-1	d	Silver	7440-22-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-1	d	Thallium	7440-28-0	mg/L	7/16/2009	0.002	n/a	NDX	
MW-1	d	Vanadium	7440-62-2	mg/L	7/16/2009	0.05	n/a	NDX	
MW-1	d	Zinc	7440-66-6	mg/L	7/16/2009	n/a	n/a	X	0.0513
MW-1	d	Acetone	67-64-1	ug/L	7/16/2009	10	n/a	NDX	
MW-1	d	Acrylonitrile	107-13-1	ug/L	7/16/2009	10	n/a	NDX	
MW-1	d	Benzene	71-43-2	ug/L	7/16/2009	0.5	n/a	NDX	
MW-1	d	Bromochloromethane	74-97-5	ug/L	7/16/2009	5	n/a	NDX	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Bromoform	75-25-2	ug/L	7/16/2009	5	n/a	NDX	
MW-1	d	Carbon disulfide	75-15-0	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	7/16/2009	2	n/a	NDX	
MW-1	d	Chlorobenzene	108-90-7	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Chloroethane	75-00-3	ug/L	7/16/2009	4	n/a	NDX	
MW-1	d	Chloroform	67-66-3	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	7/16/2009	5	n/a	NDX	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/16/2009	0.86	n/a	NDX	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/16/2009	0.25	n/a	NDX	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/16/2009	10	n/a	NDX	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	7/16/2009	2	n/a	NDX	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/16/2009	5	n/a	NDX	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/16/2009	5	n/a	NDX	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Ethylbenzene	100-41-4	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	2-Hexanone	591-78-6	ug/L	7/16/2009	10	n/a	NDX	
MW-1	d	Bromomethane	74-83-9	ug/L	7/16/2009	4	n/a	NDX	
MW-1	d	Chloromethane	74-87-3	ug/L	7/16/2009	3	n/a	NDX	
MW-1	d	Iodomethane	74-88-4	ug/L	7/16/2009	20	n/a	NDX	
MW-1	d	Methylene Chloride	75-09-2	ug/L	7/16/2009	5	n/a	NDX	
MW-1	d	Styrene	100-42-5	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Toluene	108-88-3	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Trichloroethene	79-01-6	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	7/16/2009	4	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Vinyl acetate	108-05-4	ug/L	7/16/2009	2	n/a	NDX	
MW-1	d	Vinyl chloride	75-01-4	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Xylenes, total	1330-20-7	ug/L	7/16/2009	3	n/a	NDX	
MW-1	d	2-Butanone	78-93-3	ug/L	7/16/2009	10	n/a	NDX	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/16/2009	10	n/a	NDX	
MW-1	d	Methylene Bromide	74-95-3	ug/L	7/16/2009	1	n/a	NDX	
MW-2AR	d	Arsenic	7440-38-2	mg/L	7/16/2009	n/a	n/a	X	0.0615
MW-2AR	d	Barium	7440-39-3	mg/L	7/16/2009	n/a	n/a	X	2.75
MW-2AR	d	Zinc	7440-66-6	mg/L	7/16/2009	n/a	n/a	X	0.294
MW-2AR	d	Benzene	71-43-2	ug/L	7/16/2009	0.5	n/a	NDX	
MW-2AR	d	Chloroethane	75-00-3	ug/L	7/16/2009	4	n/a	NDX	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	1	n/a	NDX	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	7/16/2009	5	n/a	NDX	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-2BR	d	Arsenic	7440-38-2	mg/L	7/16/2009	n/a	n/a	X	0.0371
MW-2BR	d	Barium	7440-39-3	mg/L	7/16/2009	n/a	n/a	X	1.21
MW-2BR	d	Beryllium	7440-41-7	mg/L	7/16/2009	0.001	n/a	NDX	
MW-2BR	d	Cadmium	7440-43-9	mg/L	7/16/2009	n/a	n/a	X	0.000619
MW-2BR	d	Chromium	7440-47-3	mg/L	7/16/2009	0.02	n/a	NDX	
MW-2BR	d	Cobalt	7440-48-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-2BR	d	Lead	7439-92-1	mg/L	7/16/2009	0.004	n/a	NDX	
MW-2BR	d	Nickel	7440-02-0	mg/L	7/16/2009	0.05	n/a	NDX	
MW-2BR	d	Vanadium	7440-62-2	mg/L	7/16/2009	0.05	n/a	NDX	
MW-2BR	d	Zinc	7440-66-6	mg/L	7/16/2009	n/a	n/a	X	0.0899
MW-2BR	d	Acetone	67-64-1	ug/L	7/16/2009	10	n/a	NDX	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	7/16/2009	1	n/a	NDX	
MW-2BR	d	Chloroethane	75-00-3	ug/L	7/16/2009	n/a	n/a	X	10.4
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	7/16/2009	5	n/a	NDX	
MW-2BR	d	2-Butanone	78-93-3	ug/L	7/16/2009	10	n/a	NDX	
MW-3	d	Antimony	7440-36-0	mg/L	7/16/2009	0.006	n/a	NDX	
MW-3	d	Arsenic	7440-38-2	mg/L	7/16/2009	n/a	n/a	X	0.0059
MW-3	d	Barium	7440-39-3	mg/L	7/16/2009	n/a	n/a	X	0.169
MW-3	d	Beryllium	7440-41-7	mg/L	7/16/2009	0.001	n/a	NDX	
MW-3	d	Cadmium	7440-43-9	mg/L	7/16/2009	n/a	n/a	X	0.000792
MW-3	d	Chromium	7440-47-3	mg/L	7/16/2009	0.02	n/a	NDX	
MW-3	d	Cobalt	7440-48-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-3	d	Copper	7440-50-8	mg/L	7/16/2009	0.02	n/a	NDX	
MW-3	d	Lead	7439-92-1	mg/L	7/16/2009	n/a	n/a	X	0.0041
MW-3	d	Nickel	7440-02-0	mg/L	7/16/2009	0.05	n/a	NDX	
MW-3	d	Selenium	7782-49-2	mg/L	7/16/2009	0.005	n/a	NDX	
MW-3	d	Silver	7440-22-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-3	d	Thallium	7440-28-0	mg/L	7/16/2009	0.002	n/a	NDX	
MW-3	d	Vanadium	7440-62-2	mg/L	7/16/2009	0.05	n/a	NDX	
MW-3	d	Zinc	7440-66-6	mg/L	7/16/2009	n/a	n/a	X	0.053
MW-3	d	Acetone	67-64-1	ug/L	7/16/2009	10	n/a	NDX	
MW-3	d	Acrylonitrile	107-13-1	ug/L	7/16/2009	10	n/a	NDX	
MW-3	d	Benzene	71-43-2	ug/L	7/16/2009	0.5	n/a	NDX	
MW-3	d	Bromochloromethane	74-97-5	ug/L	7/16/2009	5	n/a	NDX	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Bromoform	75-25-2	ug/L	7/16/2009	5	n/a	NDX	
MW-3	d	Carbon disulfide	75-15-0	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	7/16/2009	2	n/a	NDX	
MW-3	d	Chlorobenzene	108-90-7	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Chloroethane	75-00-3	ug/L	7/16/2009	4	n/a	NDX	
MW-3	d	Chloroform	67-66-3	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	7/16/2009	5	n/a	NDX	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/16/2009	0.86	n/a	NDX	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/16/2009	0.25	n/a	NDX	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/16/2009	10	n/a	NDX	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	7/16/2009	2	n/a	NDX	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/16/2009	5	n/a	NDX	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/16/2009	5	n/a	NDX	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Ethylbenzene	100-41-4	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	2-Hexanone	591-78-6	ug/L	7/16/2009	10	n/a	NDX	
MW-3	d	Bromomethane	74-83-9	ug/L	7/16/2009	4	n/a	NDX	
MW-3	d	Chloromethane	74-87-3	ug/L	7/16/2009	3	n/a	NDX	
MW-3	d	Iodomethane	74-88-4	ug/L	7/16/2009	20	n/a	NDX	
MW-3	d	Methylene Chloride	75-09-2	ug/L	7/16/2009	5	n/a	NDX	
MW-3	d	Styrene	100-42-5	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/16/2009	1	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Tetrachloroethene	127-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Toluene	108-88-3	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Trichloroethene	79-01-6	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	7/16/2009	4	n/a	NDX	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Vinyl acetate	108-05-4	ug/L	7/16/2009	2	n/a	NDX	
MW-3	d	Vinyl chloride	75-01-4	ug/L	7/16/2009	1	n/a	NDX	
MW-3	d	Xylenes, total	1330-20-7	ug/L	7/16/2009	3	n/a	NDX	
MW-3	d	2-Butanone	78-93-3	ug/L	7/16/2009	10	n/a	NDX	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/16/2009	10	n/a	NDX	
MW-3	d	Methylene Bromide	74-95-3	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Antimony	7440-36-0	mg/L	7/16/2009	0.006	n/a	NDX	
MW-6A	u	Arsenic	7440-38-2	mg/L	7/16/2009	0.001	n/a	NDX	
MW-6A	u	Barium	7440-39-3	mg/L	7/16/2009	n/a	n/a	X	0.183
MW-6A	u	Beryllium	7440-41-7	mg/L	7/16/2009	0.001	n/a	NDX	
MW-6A	u	Cadmium	7440-43-9	mg/L	7/16/2009	0.0005	n/a	NDX	
MW-6A	u	Chromium	7440-47-3	mg/L	7/16/2009	0.02	n/a	NDX	
MW-6A	u	Cobalt	7440-48-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-6A	u	Copper	7440-50-8	mg/L	7/16/2009	0.02	n/a	NDX	
MW-6A	u	Lead	7439-92-1	mg/L	7/16/2009	0.004	n/a	NDX	
MW-6A	u	Nickel	7440-02-0	mg/L	7/16/2009	0.05	n/a	NDX	
MW-6A	u	Selenium	7782-49-2	mg/L	7/16/2009	0.005	n/a	NDX	
MW-6A	u	Silver	7440-22-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-6A	u	Thallium	7440-28-0	mg/L	7/16/2009	0.002	n/a	NDX	
MW-6A	u	Vanadium	7440-62-2	mg/L	7/16/2009	0.05	n/a	NDX	
MW-6A	u	Zinc	7440-66-6	mg/L	7/16/2009	n/a	n/a	X	0.0401
MW-6A	u	Acetone	67-64-1	ug/L	7/16/2009	10	n/a	NDX	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	7/16/2009	10	n/a	NDX	
MW-6A	u	Benzene	71-43-2	ug/L	7/16/2009	0.5	n/a	NDX	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	7/16/2009	5	n/a	NDX	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Bromoform	75-25-2	ug/L	7/16/2009	5	n/a	NDX	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	7/16/2009	2	n/a	NDX	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Chloroethane	75-00-3	ug/L	7/16/2009	4	n/a	NDX	
MW-6A	u	Chloroform	67-66-3	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	7/16/2009	5	n/a	NDX	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/16/2009	0.86	n/a	NDX	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/16/2009	0.25	n/a	NDX	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/16/2009	10	n/a	NDX	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	7/16/2009	2	n/a	NDX	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/16/2009	5	n/a	NDX	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/16/2009	5	n/a	NDX	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	2-Hexanone	591-78-6	ug/L	7/16/2009	10	n/a	NDX	
MW-6A	u	Bromomethane	74-83-9	ug/L	7/16/2009	4	n/a	NDX	
MW-6A	u	Chloromethane	74-87-3	ug/L	7/16/2009	3	n/a	NDX	
MW-6A	u	Iodomethane	74-88-4	ug/L	7/16/2009	10	n/a	NDX	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	7/16/2009	5	n/a	NDX	
MW-6A	u	Styrene	100-42-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Toluene	108-88-3	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Trichloroethene	79-01-6	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	7/16/2009	4	n/a	NDX	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	7/16/2009	2	n/a	NDX	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	7/16/2009	3	n/a	NDX	
MW-6A	u	2-Butanone	78-93-3	ug/L	7/16/2009	10	n/a	NDX	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/16/2009	10	n/a	NDX	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Antimony	7440-36-0	mg/L	7/16/2009	0.006	n/a	NDX	
MW-6B	u	Arsenic	7440-38-2	mg/L	7/16/2009	n/a	n/a	X	0.00329
MW-6B	u	Barium	7440-39-3	mg/L	7/16/2009	n/a	n/a	X	0.0599
MW-6B	u	Beryllium	7440-41-7	mg/L	7/16/2009	0.001	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	Cadmium	7440-43-9	mg/L	7/16/2009	n/a	n/a	X	0.00167
MW-6B	u	Chromium	7440-47-3	mg/L	7/16/2009	0.02	n/a	NDX	
MW-6B	u	Cobalt	7440-48-4	mg/L	7/16/2009	n/a	n/a	X	0.039
MW-6B	u	Copper	7440-50-8	mg/L	7/16/2009	n/a	n/a	X	0.051
MW-6B	u	Lead	7439-92-1	mg/L	7/16/2009	0.004	n/a	NDX	
MW-6B	u	Nickel	7440-02-0	mg/L	7/16/2009	0.05	n/a	NDX	
MW-6B	u	Selenium	7782-49-2	mg/L	7/16/2009	0.005	n/a	NDX	
MW-6B	u	Silver	7440-22-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-6B	u	Thallium	7440-28-0	mg/L	7/16/2009	0.002	n/a	NDX	
MW-6B	u	Vanadium	7440-62-2	mg/L	7/16/2009	0.05	n/a	NDX	
MW-6B	u	Zinc	7440-66-6	mg/L	7/16/2009	n/a	n/a	X	0.106
MW-6B	u	Acetone	67-64-1	ug/L	7/16/2009	10	n/a	NDX	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	7/16/2009	10	n/a	NDX	
MW-6B	u	Benzene	71-43-2	ug/L	7/16/2009	0.5	n/a	NDX	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	7/16/2009	5	n/a	NDX	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Bromoform	75-25-2	ug/L	7/16/2009	5	n/a	NDX	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	7/16/2009	2	n/a	NDX	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Chloroethane	75-00-3	ug/L	7/16/2009	4	n/a	NDX	
MW-6B	u	Chloroform	67-66-3	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	7/16/2009	5	n/a	NDX	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/16/2009	0.86	n/a	NDX	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/16/2009	0.25	n/a	NDX	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/16/2009	10	n/a	NDX	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	7/16/2009	2	n/a	NDX	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/16/2009	5	n/a	NDX	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/16/2009	5	n/a	NDX	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	2-Hexanone	591-78-6	ug/L	7/16/2009	10	n/a	NDX	
MW-6B	u	Bromomethane	74-83-9	ug/L	7/16/2009	4	n/a	NDX	
MW-6B	u	Chloromethane	74-87-3	ug/L	7/16/2009	3	n/a	NDX	
MW-6B	u	Iodomethane	74-88-4	ug/L	7/16/2009	20	n/a	NDX	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	7/16/2009	5	n/a	NDX	
MW-6B	u	Styrene	100-42-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Toluene	108-88-3	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Trichloroethene	79-01-6	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	7/16/2009	4	n/a	NDX	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	7/16/2009	2	n/a	NDX	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	7/16/2009	1	n/a	NDX	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	7/16/2009	3	n/a	NDX	
MW-6B	u	2-Butanone	78-93-3	ug/L	7/16/2009	10	n/a	NDX	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/16/2009	10	n/a	NDX	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Antimony	7440-36-0	mg/L	7/16/2009	0.006	n/a	NDX	
MW-7AR	d	Arsenic	7440-38-2	mg/L	7/16/2009	n/a	n/a	X	0.00174
MW-7AR	d	Barium	7440-39-3	mg/L	7/16/2009	n/a	n/a	X	0.124
MW-7AR	d	Beryllium	7440-41-7	mg/L	7/16/2009	0.001	n/a	NDX	
MW-7AR	d	Cadmium	7440-43-9	mg/L	7/16/2009	n/a	n/a	X	0.000714
MW-7AR	d	Chromium	7440-47-3	mg/L	7/16/2009	0.02	n/a	NDX	
MW-7AR	d	Cobalt	7440-48-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-7AR	d	Copper	7440-50-8	mg/L	7/16/2009	0.02	n/a	NDX	
MW-7AR	d	Lead	7439-92-1	mg/L	7/16/2009	n/a	n/a	X	0.00708
MW-7AR	d	Nickel	7440-02-0	mg/L	7/16/2009	0.05	n/a	NDX	
MW-7AR	d	Selenium	7782-49-2	mg/L	7/16/2009	0.005	n/a	NDX	
MW-7AR	d	Silver	7440-22-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-7AR	d	Thallium	7440-28-0	mg/L	7/16/2009	0.002	n/a	NDX	
MW-7AR	d	Vanadium	7440-62-2	mg/L	7/16/2009	0.05	n/a	NDX	
MW-7AR	d	Zinc	7440-66-6	mg/L	7/16/2009	n/a	n/a	X	0.106
MW-7AR	d	Acetone	67-64-1	ug/L	7/16/2009	10	n/a	NDX	
MW-7AR	d	Acrylonitrile	107-13-1	ug/L	7/16/2009	10	n/a	NDX	
MW-7AR	d	Benzene	71-43-2	ug/L	7/16/2009	0.5	n/a	NDX	
MW-7AR	d	Bromochloromethane	74-97-5	ug/L	7/16/2009	5	n/a	NDX	
MW-7AR	d	Bromodichloromethane	75-27-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Bromoform	75-25-2	ug/L	7/16/2009	5	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7AR	d	Carbon disulfide	75-15-0	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Carbon Tetrachloride	56-23-5	ug/L	7/16/2009	2	n/a	NDX	
MW-7AR	d	Chlorobenzene	108-90-7	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Chloroethane	75-00-3	ug/L	7/16/2009	4	n/a	NDX	
MW-7AR	d	Chloroform	67-66-3	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Chlorodibromomethane	124-48-1	ug/L	7/16/2009	5	n/a	NDX	
MW-7AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/16/2009	0.86	n/a	NDX	
MW-7AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/16/2009	0.25	n/a	NDX	
MW-7AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/16/2009	10	n/a	NDX	
MW-7AR	d	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	1,2-Dichloroethane	107-06-2	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	1,1-Dichloroethene	75-35-4	ug/L	7/16/2009	2	n/a	NDX	
MW-7AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	1,2-Dichloropropane	78-87-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/16/2009	5	n/a	NDX	
MW-7AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/16/2009	5	n/a	NDX	
MW-7AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Ethylbenzene	100-41-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	2-Hexanone	591-78-6	ug/L	7/16/2009	10	n/a	NDX	
MW-7AR	d	Bromomethane	74-83-9	ug/L	7/16/2009	4	n/a	NDX	
MW-7AR	d	Chloromethane	74-87-3	ug/L	7/16/2009	3	n/a	NDX	
MW-7AR	d	Iodomethane	74-88-4	ug/L	7/16/2009	10	n/a	NDX	
MW-7AR	d	Methylene Chloride	75-09-2	ug/L	7/16/2009	5	n/a	NDX	
MW-7AR	d	Styrene	100-42-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Tetrachloroethene	127-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Toluene	108-88-3	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Trichloroethene	79-01-6	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Trichlorofluoromethane	75-69-4	ug/L	7/16/2009	4	n/a	NDX	
MW-7AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Vinyl acetate	108-05-4	ug/L	7/16/2009	2	n/a	NDX	
MW-7AR	d	Vinyl chloride	75-01-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7AR	d	Xylenes, total	1330-20-7	ug/L	7/16/2009	3	n/a	NDX	
MW-7AR	d	2-Butanone	78-93-3	ug/L	7/16/2009	10	n/a	NDX	
MW-7AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/16/2009	10	n/a	NDX	
MW-7AR	d	Methylene Bromide	74-95-3	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Antimony	7440-36-0	mg/L	7/16/2009	0.006	n/a	NDX	
MW-7BR	d	Arsenic	7440-38-2	mg/L	7/16/2009	0.001	n/a	NDX	
MW-7BR	d	Barium	7440-39-3	mg/L	7/16/2009	n/a	n/a	X	0.269
MW-7BR	d	Beryllium	7440-41-7	mg/L	7/16/2009	0.001	n/a	NDX	
MW-7BR	d	Cadmium	7440-43-9	mg/L	7/16/2009	n/a	n/a	X	0.00149
MW-7BR	d	Chromium	7440-47-3	mg/L	7/16/2009	0.02	n/a	NDX	
MW-7BR	d	Cobalt	7440-48-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-7BR	d	Copper	7440-50-8	mg/L	7/16/2009	0.02	n/a	NDX	
MW-7BR	d	Lead	7439-92-1	mg/L	7/16/2009	0.004	n/a	NDX	
MW-7BR	d	Nickel	7440-02-0	mg/L	7/16/2009	0.05	n/a	NDX	
MW-7BR	d	Selenium	7782-49-2	mg/L	7/16/2009	0.005	n/a	NDX	
MW-7BR	d	Silver	7440-22-4	mg/L	7/16/2009	0.02	n/a	NDX	
MW-7BR	d	Thallium	7440-28-0	mg/L	7/16/2009	0.002	n/a	NDX	
MW-7BR	d	Vanadium	7440-62-2	mg/L	7/16/2009	0.05	n/a	NDX	
MW-7BR	d	Zinc	7440-66-6	mg/L	7/16/2009	n/a	n/a	X	0.0464
MW-7BR	d	Acetone	67-64-1	ug/L	7/16/2009	10	n/a	NDX	
MW-7BR	d	Acrylonitrile	107-13-1	ug/L	7/16/2009	10	n/a	NDX	
MW-7BR	d	Benzene	71-43-2	ug/L	7/16/2009	0.5	n/a	NDX	
MW-7BR	d	Bromochloromethane	74-97-5	ug/L	7/16/2009	5	n/a	NDX	
MW-7BR	d	Bromodichloromethane	75-27-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Bromoform	75-25-2	ug/L	7/16/2009	5	n/a	NDX	
MW-7BR	d	Carbon disulfide	75-15-0	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Carbon Tetrachloride	56-23-5	ug/L	7/16/2009	2	n/a	NDX	
MW-7BR	d	Chlorobenzene	108-90-7	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Chloroethane	75-00-3	ug/L	7/16/2009	4	n/a	NDX	
MW-7BR	d	Chloroform	67-66-3	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Chlorodibromomethane	124-48-1	ug/L	7/16/2009	5	n/a	NDX	
MW-7BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/16/2009	0.86	n/a	NDX	
MW-7BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/16/2009	0.25	n/a	NDX	
MW-7BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/16/2009	10	n/a	NDX	
MW-7BR	d	1,1-Dichloroethane	75-34-3	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	1,2-Dichloroethane	107-06-2	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	1,1-Dichloroethene	75-35-4	ug/L	7/16/2009	2	n/a	NDX	
MW-7BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	1,2-Dichloropropane	78-87-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/16/2009	5	n/a	NDX	
MW-7BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/16/2009	5	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Ethylbenzene	100-41-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	2-Hexanone	591-78-6	ug/L	7/16/2009	10	n/a	NDX	
MW-7BR	d	Bromomethane	74-83-9	ug/L	7/16/2009	4	n/a	NDX	
MW-7BR	d	Chloromethane	74-87-3	ug/L	7/16/2009	3	n/a	NDX	
MW-7BR	d	Iodomethane	74-88-4	ug/L	7/16/2009	10	n/a	NDX	
MW-7BR	d	Methylene Chloride	75-09-2	ug/L	7/16/2009	5	n/a	NDX	
MW-7BR	d	Styrene	100-42-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Tetrachloroethene	127-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Toluene	108-88-3	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Trichloroethene	79-01-6	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Trichlorofluoromethane	75-69-4	ug/L	7/16/2009	4	n/a	NDX	
MW-7BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Vinyl acetate	108-05-4	ug/L	7/16/2009	2	n/a	NDX	
MW-7BR	d	Vinyl chloride	75-01-4	ug/L	7/16/2009	1	n/a	NDX	
MW-7BR	d	Xylenes, total	1330-20-7	ug/L	7/16/2009	3	n/a	NDX	
MW-7BR	d	2-Butanone	78-93-3	ug/L	7/16/2009	10	n/a	NDX	
MW-7BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/16/2009	10	n/a	NDX	
MW-7BR	d	Methylene Bromide	74-95-3	ug/L	7/16/2009	1	n/a	NDX	
MW-1	d	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-1	d	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-1	d	Arsenic	7440-38-2	mg/L	9/14/2009	n/a	n/a	X	0.00714
MW-1	d	Arsenic	7440-38-2	mg/L	9/14/2009	n/a	n/a	X	0.0079
MW-1	d	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.145
MW-1	d	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.139
MW-1	d	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-1	d	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-1	d	Cadmium	7440-43-9	mg/L	9/14/2009	0.0005	n/a	NDX	
MW-1	d	Cadmium	7440-43-9	mg/L	9/14/2009	0.0005	n/a	NDX	
MW-1	d	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-1	d	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-1	d	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-1	d	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-1	d	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-1	d	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-1	d	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-1	d	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-1	d	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-1	d	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-1	d	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-1	d	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-1	d	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-1	d	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-1	d	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-1	d	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-1	d	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-1	d	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-1	d	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.0419
MW-1	d	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.0388
MW-1	d	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-1	d	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-1	d	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-1	d	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-1	d	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-1	d	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-1	d	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-1	d	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-1	d	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-1	d	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/14/2009	n/a	n/a	X	0.0285
MW-2AR	d	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	1.25
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/14/2009	0.0005	n/a	NDX	
MW-2AR	d	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-2AR	d	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-2AR	d	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-2AR	d	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-2AR	d	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.102
MW-2AR	d	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-2AR	d	Benzene	71-43-2	ug/L	9/14/2009	n/a	n/a	X	0.91
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/14/2009	n/a	n/a	X	11
MW-2AR	d	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-2AR	d	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/14/2009	n/a	n/a	X	0.0254
MW-2BR	d	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.981
MW-2BR	d	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-2BR	d	Cadmium	7440-43-9	mg/L	9/14/2009	n/a	n/a	X	0.00057
MW-2BR	d	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-2BR	d	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-2BR	d	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-2BR	d	Lead	7439-92-1	mg/L	9/14/2009	n/a	n/a	X	0.00614
MW-2BR	d	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-2BR	d	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-2BR	d	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-2BR	d	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-2BR	d	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-2BR	d	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.0969
MW-2BR	d	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-2BR	d	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-2BR	d	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-2BR	d	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-2BR	d	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-2BR	d	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-2BR	d	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-2BR	d	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-3	d	Arsenic	7440-38-2	mg/L	9/14/2009	n/a	n/a	X	0.00809
MW-3	d	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.167
MW-3	d	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-3	d	Cadmium	7440-43-9	mg/L	9/14/2009	n/a	n/a	X	0.000801
MW-3	d	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-3	d	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-3	d	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-3	d	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-3	d	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-3	d	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-3	d	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-3	d	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-3	d	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-3	d	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.064
MW-3	d	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-3	d	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-3	d	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-3	d	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-3	d	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-3	d	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-3	d	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-5AR	u	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/14/2009	n/a	n/a	X	0.00185
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/14/2009	n/a	n/a	X	0.00153
MW-5AR	u	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.0689
MW-5AR	u	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.0863
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/14/2009	n/a	n/a	X	0.00232
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/14/2009	n/a	n/a	X	0.00224
MW-5AR	u	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-5AR	u	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-5AR	u	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-5AR	u	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-5AR	u	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-5AR	u	Lead	7439-92-1	mg/L	9/14/2009	n/a	n/a	X	0.00511
MW-5AR	u	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-5AR	u	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-5AR	u	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-5AR	u	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-5AR	u	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-5AR	u	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-5AR	u	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.117
MW-5AR	u	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.111
MW-5AR	u	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-5AR	u	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-5AR	u	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-6A	u	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/14/2009	0.001	n/a	NDX	
MW-6A	u	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.224
MW-6A	u	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/14/2009	0.0005	n/a	NDX	
MW-6A	u	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-6A	u	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-6A	u	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-6A	u	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-6A	u	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-6A	u	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-6A	u	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-6A	u	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-6A	u	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.0526
MW-6A	u	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-6A	u	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-6A	u	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-6A	u	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-6A	u	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-6A	u	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-6A	u	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-6A	u	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-6B	u	Arsenic	7440-38-2	mg/L	9/14/2009	0.001	n/a	NDX	
MW-6B	u	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.0549
MW-6B	u	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-6B	u	Cadmium	7440-43-9	mg/L	9/14/2009	n/a	n/a	X	0.000501
MW-6B	u	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-6B	u	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-6B	u	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-6B	u	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-6B	u	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-6B	u	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-6B	u	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-6B	u	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-6B	u	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-6B	u	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.0745
MW-6B	u	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-6B	u	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-6B	u	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-6B	u	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-6B	u	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-6B	u	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-6B	u	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-6B	u	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-7AR	d	Arsenic	7440-38-2	mg/L	9/14/2009	n/a	n/a	X	0.00119
MW-7AR	d	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.0935
MW-7AR	d	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-7AR	d	Cadmium	7440-43-9	mg/L	9/14/2009	0.0005	n/a	NDX	
MW-7AR	d	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-7AR	d	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-7AR	d	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-7AR	d	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-7AR	d	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-7AR	d	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-7AR	d	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-7AR	d	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-7AR	d	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-7AR	d	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.0909
MW-7AR	d	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-7AR	d	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-7AR	d	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-7AR	d	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-7AR	d	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-7AR	d	Carbon disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-7AR	d	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-7AR	d	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-7AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-7AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-7AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-7AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-7AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-7AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-7AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-7AR	d	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-7AR	d	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-7AR	d	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-7AR	d	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-7AR	d	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7AR	d	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-7AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Vinyl acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-7AR	d	Vinyl chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-7AR	d	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-7AR	d	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-7AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-7AR	d	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-7BR	d	Arsenic	7440-38-2	mg/L	9/14/2009	0.001	n/a	NDX	
MW-7BR	d	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.256
MW-7BR	d	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-7BR	d	Cadmium	7440-43-9	mg/L	9/14/2009	n/a	n/a	X	0.000698
MW-7BR	d	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-7BR	d	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-7BR	d	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-7BR	d	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-7BR	d	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-7BR	d	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-7BR	d	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-7BR	d	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-7BR	d	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-7BR	d	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.216
MW-7BR	d	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-7BR	d	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-7BR	d	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-7BR	d	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-7BR	d	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Bromoform	75-25-2	ug/L	9/14/2009	5	n/a	NDX	
MW-7BR	d	Carbon disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-7BR	d	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-7BR	d	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-7BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-7BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-7BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-7BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-7BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-7BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-7BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-7BR	d	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-7BR	d	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-7BR	d	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-7BR	d	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-7BR	d	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-7BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Vinyl acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-7BR	d	Vinyl chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-7BR	d	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
MW-7BR	d	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-7BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-7BR	d	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Antimony	7440-36-0	mg/L	9/14/2009	0.006	n/a	NDX	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/14/2009	n/a	n/a	X	0.0104
MW-8R	d	Barium	7440-39-3	mg/L	9/14/2009	n/a	n/a	X	0.036
MW-8R	d	Beryllium	7440-41-7	mg/L	9/14/2009	0.001	n/a	NDX	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/14/2009	0.0005	n/a	NDX	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Chromium	7440-47-3	mg/L	9/14/2009	0.02	n/a	NDX	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-8R	d	Copper	7440-50-8	mg/L	9/14/2009	0.02	n/a	NDX	
MW-8R	d	Lead	7439-92-1	mg/L	9/14/2009	0.004	n/a	NDX	
MW-8R	d	Nickel	7440-02-0	mg/L	9/14/2009	0.05	n/a	NDX	
MW-8R	d	Selenium	7782-49-2	mg/L	9/14/2009	0.005	n/a	NDX	
MW-8R	d	Silver	7440-22-4	mg/L	9/14/2009	0.02	n/a	NDX	
MW-8R	d	Thallium	7440-28-0	mg/L	9/14/2009	0.002	n/a	NDX	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/14/2009	0.05	n/a	NDX	
MW-8R	d	Zinc	7440-66-6	mg/L	9/14/2009	n/a	n/a	X	0.167
MW-8R	d	Acetone	67-64-1	ug/L	9/14/2009	10	n/a	NDX	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/14/2009	10	n/a	NDX	
MW-8R	d	Benzene	71-43-2	ug/L	9/14/2009	0.5	n/a	NDX	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/14/2009	5	n/a	NDX	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Bromoform	75-25-2	ug/L	9/14/2009	10	n/a	NDX	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/14/2009	10	n/a	NDX	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/14/2009	2	n/a	NDX	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/14/2009	4	n/a	NDX	
MW-8R	d	Chloroform	67-66-3	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/14/2009	5	n/a	NDX	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/14/2009	0.498	n/a	NDX	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/14/2009	0.255	n/a	NDX	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/14/2009	10	n/a	NDX	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/14/2009	2	n/a	NDX	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2009	5	n/a	NDX	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2009	5	n/a	NDX	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/14/2009	10	n/a	NDX	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/14/2009	4	n/a	NDX	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/14/2009	3	n/a	NDX	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/14/2009	10	n/a	NDX	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/14/2009	5	n/a	NDX	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/14/2009	10	n/a	NDX	
MW-8R	d	Styrene	100-42-5	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Toluene	108-88-3	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/14/2009	4	n/a	NDX	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/14/2009	2	n/a	NDX	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/14/2009	1	n/a	NDX	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/14/2009	3	n/a	NDX	
GDT-1	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	3/25/2010	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.24
GDT-1	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	3/25/2010	0.00155	n/a	ND	
GDT-1	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0659
GDT-1	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	n/a	n/a		2.04
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	n/a	n/a		2.58
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
GDT-2	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
GDT-2	d	Arsenic	7440-38-2	mg/L	3/25/2010	n/a	n/a		0.00877
GDT-2	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.13
GDT-2	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
GDT-2	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
GDT-2	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
GDT-2	d	Cobalt	7440-48-4	mg/L	3/25/2010	n/a	n/a		0.0126
GDT-2	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
GDT-2	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
GDT-2	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
GDT-2	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
GDT-2	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
GDT-2	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
GDT-2	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
GDT-2	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0614
GDT-2	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
GDT-2	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
GDT-2	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
GDT-2	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
GDT-2	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
GDT-2	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
GDT-2	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
GDT-2	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/25/2010	n/a	n/a		0.00396
MW-1	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.144
MW-1	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/25/2010	0.00155	n/a	ND	
MW-1	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.046
MW-1	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/25/2010	n/a	n/a		0.0372
MW-2AR	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		1.09
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/25/2010	0.00155	n/a	ND	
MW-2AR	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0825
MW-2AR	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/25/2010	n/a	n/a		0.79
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/25/2010	n/a	n/a		7.91
MW-2AR	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	n/a	n/a		1.05
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	3/25/2010	n/a	n/a		0.0244
MW-2BR	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		1.05
MW-2BR	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	3/25/2010	n/a	n/a	J	0.00164
MW-2BR	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	3/25/2010	n/a	n/a		0.00502
MW-2BR	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0918
MW-2BR	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	3/25/2010	n/a	n/a		2.49
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	3/25/2010	n/a	n/a		0.00167
MW-3	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.146
MW-3	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-3	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	3/25/2010	0.00155	n/a	ND	
MW-3	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	3/25/2010	n/a	n/a		0.00606
MW-3	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0576
MW-3	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/25/2010	n/a	n/a		1.98
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-5AR	u	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.0491
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/25/2010	0.00155	n/a	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-5AR	u	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0638
MW-5AR	u	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/25/2010	0.001	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.197
MW-6A	u	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/25/2010	0.00155	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.042
MW-6A	u	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	3/25/2010	n/a	n/a		2.1
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.051
MW-6B	u	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	3/25/2010	n/a	n/a	J	0.00301
MW-6B	u	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-6B	u	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-6B	u	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0819
MW-6B	u	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-6B	u	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-6B	u	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-6B	u	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-6B	u	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-6B	u	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-6B	u	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	Toluene	108-88-3	ug/L	3/25/2010	n/a	n/a		1.45
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-6B	u	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-7AR	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-7AR	d	Arsenic	7440-38-2	mg/L	3/25/2010	n/a	n/a		0.0204
MW-7AR	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.0646
MW-7AR	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-7AR	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-7AR	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-7AR	d	Cobalt	7440-48-4	mg/L	3/25/2010	0.00155	n/a	ND	
MW-7AR	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-7AR	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-7AR	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-7AR	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-7AR	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-7AR	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-7AR	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-7AR	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0579
MW-7AR	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-7AR	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7AR	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-7AR	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-7AR	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-7AR	d	Carbon disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-7AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-7AR	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-7AR	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-7AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-7AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-7AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-7AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-7AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-7AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-7AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-7AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-7AR	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-7AR	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-7AR	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-7AR	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-7AR	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-7AR	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-7AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	Toluene	108-88-3	ug/L	3/25/2010	n/a	n/a		1.1
MW-7AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-7AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	Vinyl acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-7AR	d	Vinyl chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-7AR	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-7AR	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-7AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-7AR	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-7BR	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-7BR	d	Arsenic	7440-38-2	mg/L	3/25/2010	0.001	n/a	ND	
MW-7BR	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.215
MW-7BR	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-7BR	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-7BR	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-7BR	d	Cobalt	7440-48-4	mg/L	3/25/2010	n/a	n/a	J	0.00191
MW-7BR	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-7BR	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-7BR	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-7BR	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-7BR	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-7BR	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-7BR	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-7BR	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0387
MW-7BR	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-7BR	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-7BR	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-7BR	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-7BR	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-7BR	d	Carbon disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-7BR	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-7BR	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-7BR	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-7BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-7BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-7BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-7BR	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-7BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-7BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-7BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-7BR	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-7BR	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-7BR	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-7BR	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-7BR	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-7BR	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-7BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-7BR	d	1,2,3-Trichloropropene	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	Vinyl acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-7BR	d	Vinyl chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-7BR	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-7BR	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-7BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-7BR	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	3/25/2010	0.012	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	3/25/2010	0.012	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/25/2010	0.004	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/25/2010	0.003	n/a	ND	
MW-8R	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.0315
MW-8R	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.0269
MW-8R	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-8R	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	3/25/2010	n/a	n/a		0.00724
MW-8R	d	Cobalt	7440-48-4	mg/L	3/25/2010	n/a	n/a		0.00903
MW-8R	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-8R	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.174
MW-8R	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.177
MW-8R	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
MW-9A	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
MW-9A	d	Arsenic	7440-38-2	mg/L	3/25/2010	0.001	n/a	ND	
MW-9A	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.0885
MW-9A	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
MW-9A	d	Cadmium	7440-43-9	mg/L	3/25/2010	n/a	n/a		0.000618
MW-9A	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9A	d	Cobalt	7440-48-4	mg/L	3/25/2010	n/a	n/a		0.00345
MW-9A	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
MW-9A	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
MW-9A	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
MW-9A	d	Selenium	7782-49-2	mg/L	3/25/2010	n/a	n/a		0.0536
MW-9A	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
MW-9A	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
MW-9A	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
MW-9A	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0799
MW-9A	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
MW-9A	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
MW-9A	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
MW-9A	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
MW-9A	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
MW-9A	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
MW-9A	d	Carbon Disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	
MW-9A	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
MW-9A	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
MW-9A	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
MW-9A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
MW-9A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
MW-9A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
MW-9A	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
MW-9A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
MW-9A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
MW-9A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
MW-9A	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
MW-9A	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
MW-9A	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
MW-9A	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
MW-9A	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
MW-9A	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
MW-9A	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
MW-9A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
MW-9A	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
MW-9A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
MW-9A	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	Vinyl Acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
MW-9A	d	Vinyl Chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
MW-9A	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
UD-A	d	Antimony	7440-36-0	mg/L	3/25/2010	0.006	n/a	ND	
UD-A	d	Arsenic	7440-38-2	mg/L	3/25/2010	0.005	n/a	ND	
UD-A	d	Barium	7440-39-3	mg/L	3/25/2010	n/a	n/a		0.106
UD-A	d	Beryllium	7440-41-7	mg/L	3/25/2010	0.001	n/a	ND	
UD-A	d	Cadmium	7440-43-9	mg/L	3/25/2010	0.0005	n/a	ND	
UD-A	d	Chromium	7440-47-3	mg/L	3/25/2010	0.02	n/a	ND	
UD-A	d	Cobalt	7440-48-4	mg/L	3/25/2010	0.00155	n/a	ND	
UD-A	d	Copper	7440-50-8	mg/L	3/25/2010	0.02	n/a	ND	
UD-A	d	Lead	7439-92-1	mg/L	3/25/2010	0.004	n/a	ND	
UD-A	d	Nickel	7440-02-0	mg/L	3/25/2010	0.05	n/a	ND	
UD-A	d	Selenium	7782-49-2	mg/L	3/25/2010	0.005	n/a	ND	
UD-A	d	Silver	7440-22-4	mg/L	3/25/2010	0.02	n/a	ND	
UD-A	d	Thallium	7440-28-0	mg/L	3/25/2010	0.002	n/a	ND	
UD-A	d	Vanadium	7440-62-2	mg/L	3/25/2010	0.05	n/a	ND	
UD-A	d	Zinc	7440-66-6	mg/L	3/25/2010	n/a	n/a		0.0324
UD-A	d	Acetone	67-64-1	ug/L	3/25/2010	10	n/a	ND	
UD-A	d	Acrylonitrile	107-13-1	ug/L	3/25/2010	10	n/a	ND	
UD-A	d	Benzene	71-43-2	ug/L	3/25/2010	0.5	n/a	ND	
UD-A	d	Bromochloromethane	74-97-5	ug/L	3/25/2010	5	n/a	ND	
UD-A	d	Bromodichloromethane	75-27-4	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	Bromoform	75-25-2	ug/L	3/25/2010	5	n/a	ND	
UD-A	d	2-Butanone	78-93-3	ug/L	3/25/2010	10	n/a	ND	
UD-A	d	Carbon Disulfide	75-15-0	ug/L	3/25/2010	2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-A	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2010	2	n/a	ND	
UD-A	d	Chlorobenzene	108-90-7	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	Chloroethane	75-00-3	ug/L	3/25/2010	4	n/a	ND	
UD-A	d	Chloroform	67-66-3	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2010	5	n/a	ND	
UD-A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2010	0.498	n/a	ND	
UD-A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2010	0.255	n/a	ND	
UD-A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2010	10	n/a	ND	
UD-A	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2010	2	n/a	ND	
UD-A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2010	2	n/a	ND	
UD-A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2010	5	n/a	ND	
UD-A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2010	5	n/a	ND	
UD-A	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2010	2	n/a	ND	
UD-A	d	Ethylbenzene	100-41-4	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	2-Hexanone	591-78-6	ug/L	3/25/2010	10	n/a	ND	
UD-A	d	Bromomethane	74-83-9	ug/L	3/25/2010	4	n/a	ND	
UD-A	d	Chloromethane	74-87-3	ug/L	3/25/2010	3	n/a	ND	
UD-A	d	Iodomethane	74-88-4	ug/L	3/25/2010	10	n/a	ND	
UD-A	d	Methylene Bromide	74-95-3	ug/L	3/25/2010	2	n/a	ND	
UD-A	d	Methylene Chloride	75-09-2	ug/L	3/25/2010	5	n/a	ND	
UD-A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2010	10	n/a	ND	
UD-A	d	Styrene	100-42-5	ug/L	3/25/2010	5	n/a	ND	
UD-A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	Tetrachloroethene	127-18-4	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	Toluene	108-88-3	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	Trichloroethene	79-01-6	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2010	4	n/a	ND	
UD-A	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	Vinyl Acetate	108-05-4	ug/L	3/25/2010	2	n/a	ND	
UD-A	d	Vinyl Chloride	75-01-4	ug/L	3/25/2010	1	n/a	ND	
UD-A	d	Xylenes, total	1330-20-7	ug/L	3/25/2010	3	n/a	ND	
GDT-1	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	9/28/2010	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.222
GDT-1	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	9/28/2010	n/a	n/a		0.00194
GDT-1	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.053
GDT-1	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	n/a	n/a		1.01
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
GDT-2	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
GDT-2	d	Arsenic	7440-38-2	mg/L	9/28/2010	n/a	n/a		0.0023
GDT-2	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.132
GDT-2	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
GDT-2	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
GDT-2	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
GDT-2	d	Cobalt	7440-48-4	mg/L	9/28/2010	n/a	n/a		0.00359
GDT-2	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
GDT-2	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
GDT-2	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
GDT-2	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
GDT-2	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
GDT-2	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
GDT-2	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
GDT-2	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0419
GDT-2	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
GDT-2	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
GDT-2	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
GDT-2	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
GDT-2	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
GDT-2	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
GDT-2	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
GDT-2	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	9/28/2010	n/a	n/a		0.00137
MW-1	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.137
MW-1	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/28/2010	n/a	n/a		0.00202
MW-1	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0378
MW-1	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	9/28/2010	0.002	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.0622
MW-12	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0665
MW-12	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	9/28/2010	0.007	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	9/28/2010	n/a	n/a		0.0708
MW-13	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.472
MW-13	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	9/28/2010	n/a	n/a		0.0255
MW-13	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0207
MW-13	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	9/28/2010	n/a	n/a		1.4
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/28/2010	n/a	n/a		0.0504
MW-2AR	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		1.17
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
MW-2AR	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	9/28/2010	0.02	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/28/2010	n/a	n/a		2.6
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/28/2010	n/a	n/a		11.9
MW-2AR	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/28/2010	n/a	n/a		0.0172
MW-2BR	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.775
MW-2BR	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.036
MW-2BR	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Arsenic	7440-38-2	mg/L	9/28/2010	n/a	n/a		0.00216
MW-3	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.153
MW-3	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-3	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
MW-3	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-3	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.049
MW-3	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/28/2010	0.002	n/a	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.0477
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-5AR	u	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0623
MW-5AR	u	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/28/2010	0.001	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.178
MW-6A	u	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0317
MW-6A	u	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	9/28/2010	0.007	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	9/28/2010	0.003	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.0404
MW-6B	u	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	9/28/2010	n/a	n/a		0.00631
MW-6B	u	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-6B	u	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-6B	u	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0621
MW-6B	u	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-6B	u	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-6B	u	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-6B	u	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-6B	u	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-6B	u	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-6B	u	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-6B	u	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-7AR	d	Arsenic	7440-38-2	mg/L	9/28/2010	0.002	n/a	ND	
MW-7AR	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.0589
MW-7AR	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-7AR	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-7AR	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-7AR	d	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
MW-7AR	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-7AR	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-7AR	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-7AR	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-7AR	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-7AR	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-7AR	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-7AR	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.051
MW-7AR	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-7AR	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-7AR	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-7AR	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-7AR	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-7AR	d	Carbon disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-7AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-7AR	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-7AR	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-7AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-7AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-7AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-7AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-7AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-7AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-7AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-7AR	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-7AR	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-7AR	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-7AR	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-7AR	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-7AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-7AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Vinyl acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-7AR	d	Vinyl chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-7AR	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-7AR	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-7AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-7AR	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-7BR	d	Arsenic	7440-38-2	mg/L	9/28/2010	0.001	n/a	ND	
MW-7BR	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.196
MW-7BR	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-7BR	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-7BR	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-7BR	d	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7BR	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-7BR	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-7BR	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-7BR	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-7BR	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-7BR	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-7BR	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-7BR	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0291
MW-7BR	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-7BR	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-7BR	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-7BR	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-7BR	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-7BR	d	Carbon disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-7BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-7BR	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-7BR	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-7BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-7BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-7BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-7BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-7BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-7BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-7BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-7BR	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-7BR	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-7BR	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-7BR	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-7BR	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-7BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-7BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Vinyl acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-7BR	d	Vinyl chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-7BR	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-7BR	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-7BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-7BR	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/28/2010	n/a	n/a		0.0204
MW-8R	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.037
MW-8R	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/28/2010	n/a	n/a		0.0107
MW-8R	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.131
MW-8R	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-9A	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-9A	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
MW-9A	d	Arsenic	7440-38-2	mg/L	9/28/2010	0.002	n/a	ND	
MW-9A	d	Arsenic	7440-38-2	mg/L	9/28/2010	0.002	n/a	ND	
MW-9A	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.0668
MW-9A	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.0666
MW-9A	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-9A	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
MW-9A	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-9A	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
MW-9A	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-9A	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
MW-9A	d	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
MW-9A	d	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
MW-9A	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-9A	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
MW-9A	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-9A	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
MW-9A	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-9A	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
MW-9A	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-9A	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
MW-9A	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-9A	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
MW-9A	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-9A	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
MW-9A	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-9A	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
MW-9A	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0488
MW-9A	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0558
MW-9A	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-9A	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
MW-9A	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9A	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	Carbon Disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	Carbon Disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-9A	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
MW-9A	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-9A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
MW-9A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-9A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
MW-9A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-9A	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
MW-9A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-9A	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
MW-9A	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-9A	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
MW-9A	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-9A	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
MW-9A	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
MW-9A	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
MW-9A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-9A	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
MW-9A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Vinyl Acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
MW-9A	d	Vinyl Acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9A	d	Vinyl Chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Vinyl Chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
MW-9A	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-9A	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
UD-A	d	Antimony	7440-36-0	mg/L	9/28/2010	0.006	n/a	ND	
UD-A	d	Arsenic	7440-38-2	mg/L	9/28/2010	0.001	n/a	ND	
UD-A	d	Barium	7440-39-3	mg/L	9/28/2010	n/a	n/a		0.155
UD-A	d	Beryllium	7440-41-7	mg/L	9/28/2010	0.001	n/a	ND	
UD-A	d	Cadmium	7440-43-9	mg/L	9/28/2010	0.0005	n/a	ND	
UD-A	d	Chromium	7440-47-3	mg/L	9/28/2010	0.02	n/a	ND	
UD-A	d	Cobalt	7440-48-4	mg/L	9/28/2010	0.00155	n/a	ND	
UD-A	d	Copper	7440-50-8	mg/L	9/28/2010	0.02	n/a	ND	
UD-A	d	Lead	7439-92-1	mg/L	9/28/2010	0.004	n/a	ND	
UD-A	d	Nickel	7440-02-0	mg/L	9/28/2010	0.05	n/a	ND	
UD-A	d	Selenium	7782-49-2	mg/L	9/28/2010	0.005	n/a	ND	
UD-A	d	Silver	7440-22-4	mg/L	9/28/2010	0.02	n/a	ND	
UD-A	d	Thallium	7440-28-0	mg/L	9/28/2010	0.002	n/a	ND	
UD-A	d	Vanadium	7440-62-2	mg/L	9/28/2010	0.05	n/a	ND	
UD-A	d	Zinc	7440-66-6	mg/L	9/28/2010	n/a	n/a		0.0483
UD-A	d	Acetone	67-64-1	ug/L	9/28/2010	10	n/a	ND	
UD-A	d	Acrylonitrile	107-13-1	ug/L	9/28/2010	10	n/a	ND	
UD-A	d	Benzene	71-43-2	ug/L	9/28/2010	0.5	n/a	ND	
UD-A	d	Bromochloromethane	74-97-5	ug/L	9/28/2010	5	n/a	ND	
UD-A	d	Bromodichloromethane	75-27-4	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Bromoform	75-25-2	ug/L	9/28/2010	5	n/a	ND	
UD-A	d	2-Butanone	78-93-3	ug/L	9/28/2010	10	n/a	ND	
UD-A	d	Carbon Disulfide	75-15-0	ug/L	9/28/2010	10	n/a	ND	
UD-A	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2010	5	n/a	ND	
UD-A	d	Chlorobenzene	108-90-7	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Chloroethane	75-00-3	ug/L	9/28/2010	4	n/a	ND	
UD-A	d	Chloroform	67-66-3	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2010	5	n/a	ND	
UD-A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/28/2010	0.498	n/a	ND	
UD-A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2010	0.255	n/a	ND	
UD-A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/28/2010	10	n/a	ND	
UD-A	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2010	2	n/a	ND	
UD-A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2010	10	n/a	ND	
UD-A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2010	10	n/a	ND	
UD-A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Ethylbenzene	100-41-4	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	2-Hexanone	591-78-6	ug/L	9/28/2010	10	n/a	ND	
UD-A	d	Bromomethane	74-83-9	ug/L	9/28/2010	4	n/a	ND	
UD-A	d	Chloromethane	74-87-3	ug/L	9/28/2010	3	n/a	ND	
UD-A	d	Iodomethane	74-88-4	ug/L	9/28/2010	20	n/a	ND	
UD-A	d	Methylene Bromide	74-95-3	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Methylene Chloride	75-09-2	ug/L	9/28/2010	5	n/a	ND	
UD-A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/28/2010	10	n/a	ND	
UD-A	d	Styrene	100-42-5	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2010	5	n/a	ND	
UD-A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Tetrachloroethene	127-18-4	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Toluene	108-88-3	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Trichloroethene	79-01-6	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2010	4	n/a	ND	
UD-A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Vinyl Acetate	108-05-4	ug/L	9/28/2010	2	n/a	ND	
UD-A	d	Vinyl Chloride	75-01-4	ug/L	9/28/2010	1	n/a	ND	
UD-A	d	Xylenes, total	1330-20-7	ug/L	9/28/2010	3	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	11/15/2010	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	11/15/2010	0.001	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	11/15/2010	n/a	n/a		0.083
MW-12	d	Beryllium	7440-41-7	mg/L	11/15/2010	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	11/15/2010	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	11/15/2010	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	11/15/2010	0.00155	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	11/15/2010	0.02	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	11/15/2010	n/a	n/a		0.00499
MW-12	d	Nickel	7440-02-0	mg/L	11/15/2010	0.05	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	11/15/2010	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	11/15/2010	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	11/15/2010	0.002	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Vanadium	7440-62-2	mg/L	11/15/2010	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	11/15/2010	n/a	n/a		0.0453
MW-12	d	Acetone	67-64-1	ug/L	11/15/2010	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	11/15/2010	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	11/15/2010	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	11/15/2010	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	11/15/2010	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	11/15/2010	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	11/15/2010	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	11/15/2010	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	11/15/2010	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/15/2010	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/15/2010	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/15/2010	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	11/15/2010	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/15/2010	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/15/2010	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	11/15/2010	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	11/15/2010	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	11/15/2010	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	11/15/2010	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	11/15/2010	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/15/2010	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	11/15/2010	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	11/15/2010	2	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	11/15/2010	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	11/15/2010	3	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	11/15/2010	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	11/15/2010	n/a	n/a		0.189
MW-13	d	Barium	7440-39-3	mg/L	11/15/2010	n/a	n/a		0.366
MW-13	d	Beryllium	7440-41-7	mg/L	11/15/2010	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	11/15/2010	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	11/15/2010	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	11/15/2010	n/a	n/a		0.0174
MW-13	d	Copper	7440-50-8	mg/L	11/15/2010	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	11/15/2010	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	11/15/2010	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	11/15/2010	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	11/15/2010	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	11/15/2010	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	11/15/2010	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	11/15/2010	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	11/15/2010	100	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	11/15/2010	100	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	11/15/2010	5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	11/15/2010	50	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	11/15/2010	50	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	11/15/2010	100	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	11/15/2010	20	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	11/15/2010	40	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	11/15/2010	50	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/15/2010	1.2	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/15/2010	1.3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/15/2010	100	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	11/15/2010	20	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/15/2010	50	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/15/2010	50	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	11/15/2010	100	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	11/15/2010	40	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	11/15/2010	30	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	11/15/2010	100	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	11/15/2010	50	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/15/2010	100	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	11/15/2010	40	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	11/15/2010	20	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	11/15/2010	10	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	11/15/2010	30	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	1/20/2011	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	1/20/2011	n/a	n/a		0.192
MW-12	d	Barium	7440-39-3	mg/L	1/20/2011	n/a	n/a		0.336
MW-12	d	Beryllium	7440-41-7	mg/L	1/20/2011	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	1/20/2011	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	1/20/2011	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	1/20/2011	n/a	n/a		0.0203
MW-12	d	Copper	7440-50-8	mg/L	1/20/2011	0.02	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	1/20/2011	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	1/20/2011	0.05	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	1/20/2011	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	1/20/2011	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	1/20/2011	0.002	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	1/20/2011	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	1/20/2011	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	1/20/2011	100	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	1/20/2011	100	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	1/20/2011	5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	1/20/2011	50	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	1/20/2011	50	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	1/20/2011	100	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	1/20/2011	20	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	1/20/2011	40	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	1/20/2011	50	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/20/2011	1.2	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/20/2011	1.3	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/20/2011	100	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	1/20/2011	20	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/20/2011	50	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/20/2011	50	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/20/2011	40	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/20/2011	40	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	1/20/2011	100	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	1/20/2011	40	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	1/20/2011	30	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	1/20/2011	100	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	1/20/2011	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Methylene Chloride	75-09-2	ug/L	1/20/2011	50	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/20/2011	100	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	1/20/2011	40	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	1/20/2011	20	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	1/20/2011	10	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	1/20/2011	30	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	1/20/2011	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	1/20/2011	0.001	n/a	ND	
MW-13	d	Barium	7440-39-3	mg/L	1/20/2011	n/a	n/a		0.0783
MW-13	d	Beryllium	7440-41-7	mg/L	1/20/2011	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	1/20/2011	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	1/20/2011	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	1/20/2011	0.00155	n/a	ND	
MW-13	d	Copper	7440-50-8	mg/L	1/20/2011	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	1/20/2011	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	1/20/2011	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	1/20/2011	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	1/20/2011	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	1/20/2011	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	1/20/2011	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	1/20/2011	n/a	n/a		0.0572
MW-13	d	Acetone	67-64-1	ug/L	1/20/2011	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	1/20/2011	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	1/20/2011	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	1/20/2011	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	1/20/2011	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	1/20/2011	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	1/20/2011	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	1/20/2011	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	1/20/2011	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/20/2011	0.12	n/a	ND	
MW-13	d	1,2-Dibromomethane [EDB]	106-93-4	ug/L	1/20/2011	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/20/2011	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	1/20/2011	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/20/2011	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/20/2011	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/20/2011	4	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/20/2011	4	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	1/20/2011	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	1/20/2011	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	1/20/2011	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	1/20/2011	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	1/20/2011	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/20/2011	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	1/20/2011	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	1/20/2011	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	1/20/2011	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	1/20/2011	3	n/a	ND	
GDT-1	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	2/15/2011	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.243
GDT-1	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	2/15/2011	n/a	n/a		0.0323
GDT-1	d	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
GDT-1	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
GDT-1	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
GDT-2	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
GDT-2	d	Arsenic	7440-38-2	mg/L	2/15/2011	n/a	n/a		0.00108
GDT-2	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.17
GDT-2	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
GDT-2	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
GDT-2	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
GDT-2	d	Cobalt	7440-48-4	mg/L	2/15/2011	n/a	n/a		0.00477
GDT-2	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
GDT-2	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
GDT-2	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
GDT-2	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
GDT-2	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
GDT-2	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
GDT-2	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
GDT-2	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
GDT-2	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
GDT-2	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
GDT-2	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
GDT-2	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
GDT-2	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
GDT-2	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
GDT-2	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
GDT-2	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	2/15/2011	0.001	n/a	ND	
MW-1	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.153
MW-1	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	2/15/2011	n/a	n/a		0.00334
MW-1	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	2/15/2011	0.001	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.0819
MW-12	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	2/15/2011	n/a	n/a		0.00163
MW-12	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	2/15/2011	n/a	n/a		0.179
MW-13	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.5
MW-13	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	2/15/2011	n/a	n/a		0.0255
MW-13	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	2/15/2011	n/a	n/a		2.2
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	2/15/2011	n/a	n/a		0.0512
MW-2AR	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.943
MW-2AR	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
MW-2AR	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	2/15/2011	n/a	n/a		0.95
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	2/15/2011	n/a	n/a		7.38
MW-2AR	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	2/15/2011	n/a	n/a		0.0178
MW-2BR	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.851
MW-2BR	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	2/15/2011	n/a	n/a		0.00113
MW-3	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.154
MW-3	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-3	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
MW-3	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-3	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-3	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	2/15/2011	0.002	n/a	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a	ND	0.0391
MW-5AR	u	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-5AR	u	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	2/15/2011	0.001	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	2/15/2011	0.001	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.206
MW-6A	u	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.212
MW-6A	u	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-6A	u	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-6A	u	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	2/15/2011	0.002	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.0384
MW-6B	u	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	2/15/2011	n/a	n/a		0.0039
MW-6B	u	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-6B	u	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-6B	u	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-6B	u	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-6B	u	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-6B	u	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-6B	u	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-6B	u	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-6B	u	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-6B	u	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-6B	u	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-7AR	d	Arsenic	7440-38-2	mg/L	2/15/2011	0.002	n/a	ND	
MW-7AR	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.0649
MW-7AR	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-7AR	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-7AR	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-7AR	d	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
MW-7AR	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-7AR	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-7AR	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-7AR	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-7AR	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-7AR	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-7AR	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-7AR	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-7AR	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-7AR	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-7AR	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-7AR	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-7AR	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-7AR	d	Carbon disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-7AR	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-7AR	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-7AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-7AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-7AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-7AR	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-7AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-7AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-7AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-7AR	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-7AR	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-7AR	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-7AR	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-7AR	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-7AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Vinyl acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-7AR	d	Vinyl chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-7AR	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-7AR	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-7AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-7AR	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-7BR	d	Arsenic	7440-38-2	mg/L	2/15/2011	0.001	n/a	ND	
MW-7BR	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.22
MW-7BR	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-7BR	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-7BR	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-7BR	d	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
MW-7BR	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-7BR	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-7BR	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-7BR	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-7BR	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-7BR	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-7BR	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-7BR	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-7BR	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-7BR	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-7BR	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-7BR	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-7BR	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-7BR	d	Carbon disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-7BR	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-7BR	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-7BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-7BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-7BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-7BR	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-7BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-7BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-7BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-7BR	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-7BR	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-7BR	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-7BR	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-7BR	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-7BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Vinyl acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-7BR	d	Vinyl chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-7BR	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-7BR	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-7BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-7BR	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	2/15/2011	n/a	n/a		0.114

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Arsenic	7440-38-2	mg/L	2/15/2011	n/a	n/a		0.0664
MW-8R	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.0317
MW-8R	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.0387
MW-8R	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-8R	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	2/15/2011	n/a	n/a		0.0104
MW-8R	d	Cobalt	7440-48-4	mg/L	2/15/2011	n/a	n/a		0.0101
MW-8R	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-8R	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
UD-A	d	Antimony	7440-36-0	mg/L	2/15/2011	0.006	n/a	ND	
UD-A	d	Arsenic	7440-38-2	mg/L	2/15/2011	0.001	n/a	ND	
UD-A	d	Barium	7440-39-3	mg/L	2/15/2011	n/a	n/a		0.121
UD-A	d	Beryllium	7440-41-7	mg/L	2/15/2011	0.001	n/a	ND	
UD-A	d	Cadmium	7440-43-9	mg/L	2/15/2011	0.0005	n/a	ND	
UD-A	d	Chromium	7440-47-3	mg/L	2/15/2011	0.02	n/a	ND	
UD-A	d	Cobalt	7440-48-4	mg/L	2/15/2011	0.00155	n/a	ND	
UD-A	d	Copper	7440-50-8	mg/L	2/15/2011	0.02	n/a	ND	
UD-A	d	Lead	7439-92-1	mg/L	2/15/2011	0.004	n/a	ND	
UD-A	d	Nickel	7440-02-0	mg/L	2/15/2011	0.05	n/a	ND	
UD-A	d	Selenium	7782-49-2	mg/L	2/15/2011	0.005	n/a	ND	
UD-A	d	Silver	7440-22-4	mg/L	2/15/2011	0.02	n/a	ND	
UD-A	d	Thallium	7440-28-0	mg/L	2/15/2011	0.002	n/a	ND	
UD-A	d	Vanadium	7440-62-2	mg/L	2/15/2011	0.05	n/a	ND	
UD-A	d	Zinc	7440-66-6	mg/L	2/15/2011	0.02	n/a	ND	
UD-A	d	Acetone	67-64-1	ug/L	2/15/2011	n/a	n/a		17.5
UD-A	d	Acrylonitrile	107-13-1	ug/L	2/15/2011	10	n/a	ND	
UD-A	d	Benzene	71-43-2	ug/L	2/15/2011	0.5	n/a	ND	
UD-A	d	Bromochloromethane	74-97-5	ug/L	2/15/2011	5	n/a	ND	
UD-A	d	Bromodichloromethane	75-27-4	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Bromoform	75-25-2	ug/L	2/15/2011	5	n/a	ND	
UD-A	d	2-Butanone	78-93-3	ug/L	2/15/2011	10	n/a	ND	
UD-A	d	Carbon Disulfide	75-15-0	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Carbon Tetrachloride	56-23-5	ug/L	2/15/2011	2	n/a	ND	
UD-A	d	Chlorobenzene	108-90-7	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Chloroethane	75-00-3	ug/L	2/15/2011	4	n/a	ND	
UD-A	d	Chloroform	67-66-3	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Chlorodibromomethane	124-48-1	ug/L	2/15/2011	5	n/a	ND	
UD-A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/15/2011	0.12	n/a	ND	
UD-A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/15/2011	0.13	n/a	ND	
UD-A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/15/2011	10	n/a	ND	
UD-A	d	1,1-Dichloroethane	75-34-3	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	1,2-Dichloroethane	107-06-2	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	1,1-Dichloroethene	75-35-4	ug/L	2/15/2011	2	n/a	ND	
UD-A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	1,2-Dichloropropane	78-87-5	ug/L	2/15/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/15/2011	5	n/a	ND	
UD-A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/15/2011	5	n/a	ND	
UD-A	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Ethylbenzene	100-41-4	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	2-Hexanone	591-78-6	ug/L	2/15/2011	10	n/a	ND	
UD-A	d	Bromomethane	74-83-9	ug/L	2/15/2011	4	n/a	ND	
UD-A	d	Chloromethane	74-87-3	ug/L	2/15/2011	3	n/a	ND	
UD-A	d	Iodomethane	74-88-4	ug/L	2/15/2011	10	n/a	ND	
UD-A	d	Methylene Bromide	74-95-3	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Methylene Chloride	75-09-2	ug/L	2/15/2011	5	n/a	ND	
UD-A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/15/2011	10	n/a	ND	
UD-A	d	Styrene	100-42-5	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Tetrachloroethene	127-18-4	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Toluene	108-88-3	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Trichloroethene	79-01-6	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Trichlorofluoromethane	75-69-4	ug/L	2/15/2011	4	n/a	ND	
UD-A	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Vinyl Acetate	108-05-4	ug/L	2/15/2011	4	n/a	ND	
UD-A	d	Vinyl Chloride	75-01-4	ug/L	2/15/2011	1	n/a	ND	
UD-A	d	Xylenes, total	1330-20-7	ug/L	2/15/2011	3	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/22/2011	n/a	n/a		0.0252
MW-12	d	Antimony	7440-36-0	mg/L	6/22/2011	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	6/22/2011	0.002	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	6/22/2011	n/a	n/a		0.0639
MW-12	d	Beryllium	7440-41-7	mg/L	6/22/2011	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	6/22/2011	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	6/22/2011	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	6/22/2011	0.00155	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	6/22/2011	n/a	n/a		0.021
MW-12	d	Lead	7439-92-1	mg/L	6/22/2011	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	6/22/2011	0.05	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	6/22/2011	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	6/22/2011	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	6/22/2011	0.002	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	6/22/2011	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	6/22/2011	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	6/22/2011	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	6/22/2011	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	6/22/2011	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	6/22/2011	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	6/22/2011	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	6/22/2011	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	6/22/2011	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	6/22/2011	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	6/22/2011	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/22/2011	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/22/2011	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/22/2011	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	6/22/2011	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/22/2011	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/22/2011	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	6/22/2011	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	6/22/2011	20	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	6/22/2011	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	6/22/2011	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	6/22/2011	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/22/2011	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	6/22/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Toluene	108-88-3	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	6/22/2011	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	6/22/2011	2	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	6/22/2011	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	6/22/2011	3	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	6/22/2011	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	6/22/2011	n/a	n/a		0.189
MW-13	d	Barium	7440-39-3	mg/L	6/22/2011	n/a	n/a		0.511
MW-13	d	Beryllium	7440-41-7	mg/L	6/22/2011	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	6/22/2011	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	6/22/2011	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	6/22/2011	n/a	n/a		0.0221
MW-13	d	Copper	7440-50-8	mg/L	6/22/2011	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	6/22/2011	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	6/22/2011	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	6/22/2011	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	6/22/2011	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	6/22/2011	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	6/22/2011	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	6/22/2011	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	6/22/2011	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	6/22/2011	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	6/22/2011	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	6/22/2011	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	6/22/2011	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	6/22/2011	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	6/22/2011	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	6/22/2011	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	6/22/2011	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/22/2011	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/22/2011	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/22/2011	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	6/22/2011	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/22/2011	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/22/2011	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	6/22/2011	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	6/22/2011	20	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	6/22/2011	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	6/22/2011	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	6/22/2011	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/22/2011	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	6/22/2011	n/a	n/a		3.91
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	6/22/2011	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	6/22/2011	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	6/22/2011	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	6/22/2011	3	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	6/22/2011	n/a	n/a		0.00672
MW-8R	d	Arsenic	7440-38-2	mg/L	6/22/2011	0.004	n/a	ND	
MW-8R	d	Barium	7440-39-3	mg/L	6/22/2011	n/a	n/a		0.0213
MW-8R	d	Beryllium	7440-41-7	mg/L	6/22/2011	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	6/22/2011	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	6/22/2011	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	6/22/2011	n/a	n/a		0.0106
MW-8R	d	Copper	7440-50-8	mg/L	6/22/2011	n/a	n/a		0.0222

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Lead	7439-92-1	mg/L	6/22/2011	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	6/22/2011	0.05	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	6/22/2011	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	6/22/2011	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	6/22/2011	0.002	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	6/22/2011	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	6/22/2011	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	6/22/2011	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	6/22/2011	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	6/22/2011	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	6/22/2011	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	6/22/2011	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	6/22/2011	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	6/22/2011	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/22/2011	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	6/22/2011	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	6/22/2011	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	6/22/2011	20	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	6/22/2011	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	6/22/2011	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/22/2011	2	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	6/22/2011	2	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	6/22/2011	3	n/a	ND	
MW-8R	d	Mercury	7439-97-6	mg/L	6/22/2011	0.0002	n/a	ND	
MW-8R	d	Tin	7440-31-5	mg/L	6/22/2011	0.1	n/a	ND	
MW-8R	d	Acrolein	107-02-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	3-Chloropropene	107-05-1	ug/L	6/22/2011	2	n/a	ND	
MW-8R	d	Chloroprene	126-99-8	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Dichlorodifluoromethane	75-71-8	ug/L	6/22/2011	3	n/a	ND	
MW-8R	d	1,3-Dichloropropane	142-28-9	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	2,2-Dichloropropane	594-20-7	ug/L	6/22/2011	4	n/a	ND	
MW-8R	d	1,1-Dichloropropene	563-58-6	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	1,3-Dichlorobenzene	541-73-1	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Ethyl Methacrylate	97-63-2	ug/L	6/22/2011	2	n/a	ND	
MW-8R	d	Methacrylonitrile	126-98-7	ug/L	6/22/2011	1	n/a	ND	
MW-8R	d	Methyl Methacrylate	80-62-6	ug/L	6/22/2011	2	n/a	ND	
MW-8R	d	Naphthalene	91-20-3	ug/L	6/22/2011	5	n/a	ND	
MW-8R	d	Propionitrile	107-12-0	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	6/22/2011	5	n/a	ND	
MW-8R	d	Acenaphthene	83-32-9	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Acenaphthylene	208-96-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Acetophenone	98-86-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2-Acetylaminofluorene	53-96-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	4-Aminobiphenyl	92-67-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Anthracene	120-12-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Benzo [a] anthracene	56-55-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Benzo [b] fluoranthene	205-99-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Benzo [k] fluoranthene	207-08-9	ug/L	6/22/2011	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Benzo [a] pyrene	50-32-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Benzyl alcohol	100-51-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Butyl benzyl phthalate	85-68-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	4-Chloroaniline	106-47-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Chlorobenzilate	510-15-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2-Chloronaphthalene	91-58-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2-Chlorophenol	95-57-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Chrysene	218-01-9	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	3/4-Methylphenol	T-34MP	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2-Methylphenol	95-48-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Diallate [cis or trans]	2303-16-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Dibenzofuran	132-64-9	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Di-n-butyl phthalate	84-74-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2,4-Dichlorophenol	120-83-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2,6-Dichlorophenol	87-65-0	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Diethyl phthalate	84-66-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Thionazin	297-97-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Dimethoate	60-51-5	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Dimethylaminoazobenzene	60-11-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2,4-Dimethylphenol	105-67-9	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Dimethyl phthalate	131-11-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1,3-Dinitrobenzene	99-65-0	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2,4-Dinitrophenol	51-28-5	ug/L	6/22/2011	20	n/a	ND	
MW-8R	d	2,4-Dinitrotoluene	121-14-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2,6-Dinitrotoluene	606-20-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Di-n-octyl phthalate	117-84-0	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Diphenylamine	122-39-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Disulfoton	298-04-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Ethyl Methanesulfonate	62-50-0	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Famphur	52-85-7	ug/L	6/22/2011	20	n/a	ND	
MW-8R	d	Fluoranthene	206-44-0	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Fluorene	86-73-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Hexachlorobenzene	118-74-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Hexachlorobutadiene	87-68-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Hexachloroethane	67-72-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Hexachloropropene	1888-71-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Isodrin	465-73-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Isophorone	78-59-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Isosafrole	120-58-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Kepone	143-50-0	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Methapyrilene	91-80-5	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	3-Methylcholanthrene	56-49-5	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Methyl Methanesulfonate	66-27-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2-Methylnaphthalene	91-57-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Parathion-Methyl	298-00-0	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1,4-Naphthoquinone	130-15-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1-Naphthylamine	134-32-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2-Naphthylamine	91-59-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2-Nitroaniline	88-74-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	3-Nitroaniline	99-09-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	4-Nitroaniline	100-01-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Nitrobenzene	98-95-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2-Nitrophenol	88-75-5	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	4-Nitrophenol	100-02-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	N-Nitrosodiethylamine	55-18-5	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	N-Nitrosodimethylamine	62-75-9	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	N-Nitrosopiperidine	100-75-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	5-Nitro-o-toluidine	99-55-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Parathion-Ethyl	56-38-2	ug/L	6/22/2011	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Pentachlorobenzene	608-93-5	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Pentachloronitrobenzene	82-68-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Pentachlorophenol [2C]	87-86-5	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Phenacetin	62-44-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Phenanthrene	85-01-8	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Phenol	108-95-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1,4-Phenylenediamine	106-50-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Phorate	298-02-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Pronamide	23950-58-5	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Pyrene	129-00-0	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Safrole	94-59-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	o-Toluidine	95-53-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Dinoseb	88-85-7	ug/L	6/22/2011	10	n/a	ND	
MW-8R	d	Acetonitrile	75-05-8	ug/L	6/22/2011	10000	n/a	ND	
MW-8R	d	Isobutanol	78-83-1	mg/L	6/22/2011	10	n/a	ND	
MW-8R	d	PCB-1016	12674-11-2	ug/L	6/22/2011	0.8	n/a	ND	
MW-8R	d	PCB-1221	11104-28-2	ug/L	6/22/2011	0.8	n/a	ND	
MW-8R	d	PCB-1232	11141-16-5	ug/L	6/22/2011	0.8	n/a	ND	
MW-8R	d	PCB-1242	53469-21-9	ug/L	6/22/2011	0.8	n/a	ND	
MW-8R	d	PCB-1248	12672-29-6	ug/L	6/22/2011	0.8	n/a	ND	
MW-8R	d	PCB-1254	11097-69-1	ug/L	6/22/2011	0.8	n/a	ND	
MW-8R	d	PCB-1260	11096-82-5	ug/L	6/22/2011	0.8	n/a	ND	
MW-8R	d	Cyanide	57-12-5	mg/L	6/22/2011	0.01	n/a	ND	
MW-8R	d	Sulfide	18496-25-8	mg/L	6/22/2011	0.12	n/a	ND	
MW-8R	d	2,4-D [2C]	94-75-7	ug/L	6/22/2011	0.48	n/a	ND	
MW-8R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	6/22/2011	0.26	n/a	ND	
MW-8R	d	2,4,5-T [2C]	93-76-5	ug/L	6/22/2011	0.26	n/a	ND	
MW-8R	d	Alpha-BHC	319-84-6	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Beta-BHC	319-85-7	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Dieldrin	60-57-1	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	4,4'-DDE	72-55-9	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Delta-BHC	319-86-8	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Endrin	72-20-8	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Endosulfan II	33213-65-9	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Heptachlor	76-44-8	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	4,4'-DDD	72-54-8	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Aldrin	309-00-2	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Endosulfan sulfate	1031-07-8	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Heptachlor Epoxide	1024-57-3	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	4,4'-DDT	50-29-3	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Endosulfan I	959-98-8	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Methoxychlor	72-43-5	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Toxaphene	8001-35-2	ug/L	6/22/2011	2	n/a	ND	
MW-8R	d	Endrin aldehyde	7421-93-4	ug/L	6/22/2011	0.032	n/a	ND	
MW-8R	d	Chlordane	57-74-9	ug/L	6/22/2011	2	n/a	ND	
GDT-1	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	9/8/2011	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.305
GDT-1	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
GDT-1	d	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
GDT-1	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	n/a	n/a		1.21
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	9/8/2011	n/a	n/a		0.00213
MW-1	d	Arsenic	7440-38-2	mg/L	9/8/2011	n/a	n/a		0.00216
MW-1	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.122
MW-1	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.118
MW-1	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-1	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
MW-1	d	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-1	d	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/8/2011	50	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	9/8/2011	0.003	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	9/8/2011	0.002	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.0747
MW-12	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.0762
MW-12	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-12	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	9/8/2011	n/a	n/a		0.00219
MW-12	d	Copper	7440-50-8	mg/L	9/8/2011	n/a	n/a		0.023
MW-12	d	Copper	7440-50-8	mg/L	9/8/2011	n/a	n/a		0.0202
MW-12	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	9/8/2011	n/a	n/a		0.0272
MW-13	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.23
MW-13	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	9/8/2011	n/a	n/a		0.0164
MW-13	d	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/8/2011	50	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-13	d	Mercury	7439-97-6	mg/L	9/8/2011	0.0002	n/a	ND	
MW-13	d	Tin	7440-31-5	mg/L	9/8/2011	0.1	n/a	ND	
MW-13	d	Acrolein	107-02-8	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	3-Chloropropene	107-05-1	ug/L	9/8/2011	2	n/a	ND	
MW-13	d	Chloroprene	126-99-8	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Dichlorodifluoromethane	75-71-8	ug/L	9/8/2011	3	n/a	ND	
MW-13	d	1,3-Dichloropropane	142-28-9	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	2,2-Dichloropropane	594-20-7	ug/L	9/8/2011	4	n/a	ND	
MW-13	d	1,1-Dichloropropene	563-58-6	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Ethyl Methacrylate	97-63-2	ug/L	9/8/2011	2	n/a	ND	
MW-13	d	Methacrylonitrile	126-98-7	ug/L	9/8/2011	1	n/a	ND	
MW-13	d	Methyl Methacrylate	80-62-6	ug/L	9/8/2011	2	n/a	ND	
MW-13	d	Naphthalene	91-20-3	ug/L	9/8/2011	5	n/a	ND	
MW-13	d	Propionitrile	107-12-0	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/8/2011	5	n/a	ND	
MW-13	d	Acenaphthene	83-32-9	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Acenaphthylene	208-96-8	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Acetophenone	98-86-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2-Acetylaminofluorene	53-96-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	4-Aminobiphenyl	92-67-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Anthracene	120-12-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Benzo [a] anthracene	56-55-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Benzo [a] pyrene	50-32-8	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Benzyl alcohol	100-51-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Butyl benzyl phthalate	85-68-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	4-Chloroaniline	106-47-8	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Chlorobenzilate	510-15-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2-Chloronaphthalene	91-58-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2-Chlorophenol	95-57-8	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Chrysene	218-01-9	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	3/4-Methylphenol	T-34MP	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2-Methylphenol	95-48-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Diallate [cis or trans]	2303-16-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Dibenzofuran	132-64-9	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Di-n-butyl phthalate	84-74-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2,4-Dichlorophenol	120-83-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2,6-Dichlorophenol	87-65-0	ug/L	9/8/2011	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Diethyl phthalate	84-66-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Thionazin	297-97-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Dimethoate	60-51-5	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2,4-Dimethylphenol	105-67-9	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Dimethyl phthalate	131-11-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2,4-Dinitrophenol	51-28-5	ug/L	9/8/2011	20	n/a	ND	
MW-13	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Di-n-octyl phthalate	117-84-0	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Diphenylamine	122-39-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Disulfoton	298-04-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Famphur	52-85-7	ug/L	9/8/2011	20	n/a	ND	
MW-13	d	Fluoranthene	206-44-0	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Fluorene	86-73-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Hexachlorobenzene	118-74-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Hexachlorobutadiene	87-68-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Hexachloroethane	67-72-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Hexachloropropene	1888-71-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Isodrin	465-73-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Isophorone	78-59-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Isosafrole	120-58-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Kepone	143-50-0	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Methapyrilene	91-80-5	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	3-Methylcholanthrene	56-49-5	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Methyl Methanesulfonate	66-27-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2-Methylnaphthalene	91-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Parathion-Methyl	298-00-0	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	1,4-Naphthoquinone	130-15-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	1-Naphthylamine	134-32-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2-Naphthylamine	91-59-8	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2-Nitroaniline	88-74-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	3-Nitroaniline	99-09-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	4-Nitroaniline	100-01-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Nitrobenzene	98-95-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2-Nitrophenol	88-75-5	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	4-Nitrophenol	100-02-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	N-Nitrosopiperidine	100-75-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Parathion-Ethyl	56-38-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Pentachlorobenzene	608-93-5	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Pentachloronitrobenzene	82-68-8	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Phenacetin	62-44-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Phenanthrene	85-01-8	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Phenol	108-95-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	1,4-Phenylenediamine	106-50-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Phorate	298-02-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Pronamide	23950-58-5	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Pyrene	129-00-0	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Safrole	94-59-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	o-Toluidine	95-53-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Dinoseb	88-85-7	ug/L	9/8/2011	10	n/a	ND	
MW-13	d	Acetonitrile	75-05-8	ug/L	9/8/2011	10000	n/a	ND	
MW-13	d	Isobutanol	78-83-1	mg/L	9/8/2011	10	n/a	ND	
MW-13	d	PCB-1016	12674-11-2	ug/L	9/8/2011	0.8	n/a	ND	
MW-13	d	PCB-1221	11104-28-2	ug/L	9/8/2011	0.8	n/a	ND	
MW-13	d	PCB-1232	11141-16-5	ug/L	9/8/2011	0.8	n/a	ND	
MW-13	d	PCB-1242	53469-21-9	ug/L	9/8/2011	0.8	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	PCB-1248	12672-29-6	ug/L	9/8/2011	0.8	n/a	ND	
MW-13	d	PCB-1254	11097-69-1	ug/L	9/8/2011	0.8	n/a	ND	
MW-13	d	PCB-1260	11096-82-5	ug/L	9/8/2011	0.8	n/a	ND	
MW-13	d	Cyanide	57-12-5	mg/L	9/8/2011	0.01	n/a	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	9/8/2011	n/a	n/a		1.4
MW-13	d	2,4-D [2C]	94-75-7	ug/L	9/8/2011	0.43	n/a	ND	
MW-13	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/8/2011	0.26	n/a	ND	
MW-13	d	2,4,5-T [2C]	93-76-5	ug/L	9/8/2011	0.42	n/a	ND	
MW-13	d	Alpha-BHC	319-84-6	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Beta-BHC	319-85-7	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Dieldrin	60-57-1	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	4,4'-DDE	72-55-9	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Delta-BHC	319-86-8	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Endrin	72-20-8	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Endosulfan II	33213-65-9	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Heptachlor	76-44-8	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	4,4'-DDD	72-54-8	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Aldrin	309-00-2	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Endosulfan sulfate	1031-07-8	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	4,4'-DDT	50-29-3	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Endosulfan I	959-98-8	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Methoxychlor	72-43-5	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Toxaphene	8001-35-2	ug/L	9/8/2011	2	n/a	ND	
MW-13	d	Endrin aldehyde	7421-93-4	ug/L	9/8/2011	0.032	n/a	ND	
MW-13	d	Chlordane	57-74-9	ug/L	9/8/2011	2	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/8/2011	n/a	n/a		0.0103
MW-2AR	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		1.19
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
MW-2AR	d	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/8/2011	n/a	n/a		2.39
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/8/2011	n/a	n/a		10.6
MW-2AR	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/8/2011	50	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/8/2011	n/a	n/a		0.0146
MW-2BR	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.66
MW-2BR	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	9/8/2011	0.001	n/a	ND	
MW-3	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.159
MW-3	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-3	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-3	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-3	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/8/2011	0.002	n/a	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.0559
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-5AR	u	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/8/2011	0.001	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.24
MW-6A	u	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	9/8/2011	n/a	n/a		0.00655
MW-6B	u	Arsenic	7440-38-2	mg/L	9/8/2011	0.006	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.0326
MW-6B	u	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	9/8/2011	n/a	n/a		0.0026
MW-6B	u	Copper	7440-50-8	mg/L	9/8/2011	n/a	n/a		0.0203
MW-6B	u	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-6B	u	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-7AR	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-7AR	d	Arsenic	7440-38-2	mg/L	9/8/2011	0.001	n/a	ND	
MW-7AR	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.0645
MW-7AR	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-7AR	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-7AR	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-7AR	d	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
MW-7AR	d	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-7AR	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-7AR	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-7AR	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7AR	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-7AR	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-7AR	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-7AR	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-7AR	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-7AR	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-7AR	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-7AR	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-7AR	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-7AR	d	Carbon disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-7AR	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-7AR	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-7AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-7AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-7AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-7AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-7AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-7AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-7AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-7AR	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-7AR	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-7AR	d	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
MW-7AR	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-7AR	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-7AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Vinyl acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-7AR	d	Vinyl chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-7AR	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-7AR	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-7AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-7AR	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Antimony	7440-36-0	mg/L	9/8/2011	0.006	n/a	ND	
MW-7BR	d	Arsenic	7440-38-2	mg/L	9/8/2011	0.001	n/a	ND	
MW-7BR	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.204
MW-7BR	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-7BR	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-7BR	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-7BR	d	Cobalt	7440-48-4	mg/L	9/8/2011	0.00155	n/a	ND	
MW-7BR	d	Copper	7440-50-8	mg/L	9/8/2011	0.02	n/a	ND	
MW-7BR	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-7BR	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-7BR	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-7BR	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-7BR	d	Thallium	7440-28-0	mg/L	9/8/2011	0.002	n/a	ND	
MW-7BR	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-7BR	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-7BR	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-7BR	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-7BR	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-7BR	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-7BR	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-7BR	d	Carbon disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-7BR	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-7BR	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-7BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-7BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-7BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-7BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-7BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-7BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-7BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-7BR	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-7BR	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	
MW-7BR	d	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
MW-7BR	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-7BR	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-7BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Vinyl acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-7BR	d	Vinyl chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-7BR	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-7BR	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-7BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-7BR	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	9/8/2011	n/a	n/a		0.00932
MW-8R	d	Arsenic	7440-38-2	mg/L	9/8/2011	n/a	n/a		0.0191
MW-8R	d	Barium	7440-39-3	mg/L	9/8/2011	n/a	n/a		0.0267
MW-8R	d	Beryllium	7440-41-7	mg/L	9/8/2011	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/8/2011	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/8/2011	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/8/2011	n/a	n/a		0.00959
MW-8R	d	Copper	7440-50-8	mg/L	9/8/2011	n/a	n/a		0.0305
MW-8R	d	Lead	7439-92-1	mg/L	9/8/2011	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	9/8/2011	0.05	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	9/8/2011	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/8/2011	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/8/2011	0.004	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/8/2011	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/8/2011	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	9/8/2011	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/8/2011	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/8/2011	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/8/2011	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/8/2011	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/8/2011	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/8/2011	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/8/2011	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/8/2011	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/8/2011	0.12	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/8/2011	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/8/2011	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/8/2011	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/8/2011	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/8/2011	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/8/2011	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/8/2011	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/8/2011	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Iodomethane	74-88-4	ug/L	9/8/2011	20	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/8/2011	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/8/2011	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/8/2011	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/8/2011	2	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/8/2011	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/8/2011	3	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	11/30/2011	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	11/30/2011	n/a	n/a		0.0357
MW-13	d	Barium	7440-39-3	mg/L	11/30/2011	n/a	n/a		0.222
MW-13	d	Beryllium	7440-41-7	mg/L	11/30/2011	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	11/30/2011	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	11/30/2011	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	11/30/2011	n/a	n/a		0.0161
MW-13	d	Copper	7440-50-8	mg/L	11/30/2011	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	11/30/2011	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	11/30/2011	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	11/30/2011	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	11/30/2011	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	11/30/2011	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	11/30/2011	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	11/30/2011	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	11/30/2011	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	11/30/2011	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	11/30/2011	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	11/30/2011	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	11/30/2011	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	11/30/2011	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2011	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	11/30/2011	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2011	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2011	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2011	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2011	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2011	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2011	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2011	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	11/30/2011	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	11/30/2011	20	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	11/30/2011	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	11/30/2011	20	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	11/30/2011	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2011	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2011	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	11/30/2011	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	11/30/2011	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	11/30/2011	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Sulfide	18496-25-8	mg/L	11/30/2011	n/a	n/a		1.4
MW-14	d	Antimony	7440-36-0	mg/L	11/30/2011	0.006	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	11/30/2011	n/a	n/a		0.0403
MW-14	d	Barium	7440-39-3	mg/L	11/30/2011	n/a	n/a		0.375
MW-14	d	Beryllium	7440-41-7	mg/L	11/30/2011	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	11/30/2011	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	11/30/2011	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	11/30/2011	n/a	n/a		0.00848
MW-14	d	Copper	7440-50-8	mg/L	11/30/2011	0.02	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	11/30/2011	0.004	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	11/30/2011	0.05	n/a	ND	
MW-14	d	Selenium	7782-49-2	mg/L	11/30/2011	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	11/30/2011	0.02	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	11/30/2011	0.002	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	11/30/2011	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	11/30/2011	0.02	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	11/30/2011	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	11/30/2011	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	11/30/2011	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	11/30/2011	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	11/30/2011	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	11/30/2011	n/a	n/a		12
MW-14	d	Carbon Disulfide	75-15-0	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2011	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	11/30/2011	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2011	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2011	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2011	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2011	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2011	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2011	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2011	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	11/30/2011	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	11/30/2011	20	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	11/30/2011	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	11/30/2011	20	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	11/30/2011	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2011	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2011	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	11/30/2011	2	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	11/30/2011	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	11/30/2011	3	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	11/30/2011	0.006	n/a	ND	
MW-15	d	Arsenic	7440-38-2	mg/L	11/30/2011	0.001	n/a	ND	
MW-15	d	Barium	7440-39-3	mg/L	11/30/2011	n/a	n/a		0.0491
MW-15	d	Beryllium	7440-41-7	mg/L	11/30/2011	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	11/30/2011	0.0005	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	11/30/2011	0.02	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	11/30/2011	n/a	n/a		0.00496
MW-15	d	Copper	7440-50-8	mg/L	11/30/2011	0.02	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	11/30/2011	0.004	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	11/30/2011	0.05	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	11/30/2011	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	11/30/2011	0.02	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	11/30/2011	0.002	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	11/30/2011	0.05	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	11/30/2011	0.02	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	11/30/2011	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-15	d	Acrylonitrile	107-13-1	ug/L	11/30/2011	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	11/30/2011	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	11/30/2011	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	11/30/2011	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	11/30/2011	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2011	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	11/30/2011	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2011	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2011	0.12	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2011	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2011	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2011	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2011	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2011	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	11/30/2011	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	11/30/2011	20	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	11/30/2011	3	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	11/30/2011	20	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	11/30/2011	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2011	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2011	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	11/30/2011	2	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	11/30/2011	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	11/30/2011	3	n/a	ND	
MW-19	d	Antimony	7440-36-0	mg/L	11/30/2011	0.006	n/a	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	11/30/2011	n/a	n/a		0.00158
MW-19	d	Barium	7440-39-3	mg/L	11/30/2011	n/a	n/a		0.522
MW-19	d	Beryllium	7440-41-7	mg/L	11/30/2011	0.001	n/a	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	11/30/2011	0.0005	n/a	ND	
MW-19	d	Chromium	7440-47-3	mg/L	11/30/2011	0.02	n/a	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	11/30/2011	n/a	n/a		0.00928
MW-19	d	Copper	7440-50-8	mg/L	11/30/2011	0.02	n/a	ND	
MW-19	d	Lead	7439-92-1	mg/L	11/30/2011	0.004	n/a	ND	
MW-19	d	Nickel	7440-02-0	mg/L	11/30/2011	n/a	n/a		0.0558
MW-19	d	Selenium	7782-49-2	mg/L	11/30/2011	0.005	n/a	ND	
MW-19	d	Silver	7440-22-4	mg/L	11/30/2011	0.02	n/a	ND	
MW-19	d	Thallium	7440-28-0	mg/L	11/30/2011	0.002	n/a	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	11/30/2011	0.05	n/a	ND	
MW-19	d	Zinc	7440-66-6	mg/L	11/30/2011	0.02	n/a	ND	
MW-19	d	Acetone	67-64-1	ug/L	11/30/2011	10	n/a	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	11/30/2011	10	n/a	ND	
MW-19	d	Benzene	71-43-2	ug/L	11/30/2011	0.5	n/a	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	11/30/2011	5	n/a	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Bromoform	75-25-2	ug/L	11/30/2011	5	n/a	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	11/30/2011	10	n/a	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2011	2	n/a	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	11/30/2011	4	n/a	ND	
MW-19	d	Chloroform	67-66-3	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2011	5	n/a	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2011	0.12	n/a	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2011	0.13	n/a	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2011	10	n/a	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2011	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2011	2	n/a	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2011	5	n/a	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2011	5	n/a	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	11/30/2011	10	n/a	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	11/30/2011	20	n/a	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	11/30/2011	3	n/a	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	11/30/2011	20	n/a	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	11/30/2011	5	n/a	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2011	10	n/a	ND	
MW-19	d	Styrene	100-42-5	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Toluene	108-88-3	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2011	4	n/a	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	11/30/2011	2	n/a	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	11/30/2011	1	n/a	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	11/30/2011	3	n/a	ND	
MW-14	d	Antimony	7440-36-0	mg/L	1/6/2012	0.006	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	1/6/2012	n/a	n/a		0.0399
MW-14	d	Barium	7440-39-3	mg/L	1/6/2012	n/a	n/a		0.346
MW-14	d	Beryllium	7440-41-7	mg/L	1/6/2012	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	1/6/2012	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	1/6/2012	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	1/6/2012	n/a	n/a		0.00758
MW-14	d	Copper	7440-50-8	mg/L	1/6/2012	n/a	n/a		0.022
MW-14	d	Lead	7439-92-1	mg/L	1/6/2012	0.004	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	1/6/2012	0.05	n/a	ND	
MW-14	d	Selenium	7782-49-2	mg/L	1/6/2012	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	1/6/2012	0.02	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	1/6/2012	0.002	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	1/6/2012	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	1/6/2012	0.02	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	1/6/2012	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	1/6/2012	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	1/6/2012	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	1/6/2012	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	1/6/2012	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	1/6/2012	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	1/6/2012	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	1/6/2012	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	1/6/2012	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/6/2012	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/6/2012	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/6/2012	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	1/6/2012	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/6/2012	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/6/2012	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	1/6/2012	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	1/6/2012	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	1/6/2012	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	1/6/2012	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	1/6/2012	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/6/2012	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	1/6/2012	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	1/6/2012	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	1/6/2012	2	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	1/6/2012	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	1/6/2012	3	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	1/6/2012	0.012	n/a	ND	
MW-15	d	Arsenic	7440-38-2	mg/L	1/6/2012	0.003	n/a	ND	
MW-15	d	Barium	7440-39-3	mg/L	1/6/2012	n/a	n/a		0.0402
MW-15	d	Beryllium	7440-41-7	mg/L	1/6/2012	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	1/6/2012	0.0005	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	1/6/2012	0.02	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	1/6/2012	n/a	n/a		0.00581
MW-15	d	Copper	7440-50-8	mg/L	1/6/2012	n/a	n/a		0.0269
MW-15	d	Lead	7439-92-1	mg/L	1/6/2012	0.004	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	1/6/2012	0.05	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	1/6/2012	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	1/6/2012	0.02	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	1/6/2012	0.002	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	1/6/2012	0.05	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	1/6/2012	0.02	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	1/6/2012	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	1/6/2012	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	1/6/2012	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	1/6/2012	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	1/6/2012	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	1/6/2012	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	1/6/2012	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	1/6/2012	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	1/6/2012	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/6/2012	0.12	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/6/2012	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/6/2012	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	1/6/2012	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/6/2012	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/6/2012	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	1/6/2012	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	1/6/2012	4	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	1/6/2012	3	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	1/6/2012	10	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	1/6/2012	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/6/2012	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	1/6/2012	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	1/6/2012	2	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	1/6/2012	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	1/6/2012	3	n/a	ND	
MW-19	d	Antimony	7440-36-0	mg/L	1/6/2012	0.006	n/a	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	1/6/2012	0.001	n/a	ND	
MW-19	d	Barium	7440-39-3	mg/L	1/6/2012	n/a	n/a		0.666
MW-19	d	Beryllium	7440-41-7	mg/L	1/6/2012	0.001	n/a	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	1/6/2012	0.0005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-19	d	Chromium	7440-47-3	mg/L	1/6/2012	0.02	n/a	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	1/6/2012	n/a	n/a		0.00858
MW-19	d	Copper	7440-50-8	mg/L	1/6/2012	n/a	n/a		0.0263
MW-19	d	Lead	7439-92-1	mg/L	1/6/2012	0.004	n/a	ND	
MW-19	d	Nickel	7440-02-0	mg/L	1/6/2012	n/a	n/a		0.0538
MW-19	d	Selenium	7782-49-2	mg/L	1/6/2012	0.005	n/a	ND	
MW-19	d	Silver	7440-22-4	mg/L	1/6/2012	0.02	n/a	ND	
MW-19	d	Thallium	7440-28-0	mg/L	1/6/2012	0.002	n/a	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	1/6/2012	0.05	n/a	ND	
MW-19	d	Zinc	7440-66-6	mg/L	1/6/2012	0.02	n/a	ND	
MW-19	d	Acetone	67-64-1	ug/L	1/6/2012	10	n/a	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	1/6/2012	10	n/a	ND	
MW-19	d	Benzene	71-43-2	ug/L	1/6/2012	0.5	n/a	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	1/6/2012	5	n/a	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Bromoform	75-25-2	ug/L	1/6/2012	5	n/a	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	1/6/2012	10	n/a	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	1/6/2012	2	n/a	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	1/6/2012	4	n/a	ND	
MW-19	d	Chloroform	67-66-3	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	1/6/2012	5	n/a	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/6/2012	0.12	n/a	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/6/2012	0.13	n/a	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/6/2012	10	n/a	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	1/6/2012	2	n/a	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/6/2012	5	n/a	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/6/2012	5	n/a	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	1/6/2012	10	n/a	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	1/6/2012	4	n/a	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	1/6/2012	3	n/a	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	1/6/2012	10	n/a	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	1/6/2012	5	n/a	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/6/2012	10	n/a	ND	
MW-19	d	Styrene	100-42-5	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Toluene	108-88-3	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	1/6/2012	4	n/a	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	1/6/2012	2	n/a	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	1/6/2012	1	n/a	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	1/6/2012	3	n/a	ND	
GDT-1	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	3/7/2012	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.398
GDT-1	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	3/7/2012	n/a	n/a		0.00894
GDT-1	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	3/7/2012	n/a	n/a		0.047
GDT-1	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	3/7/2012	n/a	n/a		0.53
GDT-1	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	3/7/2012	n/a	n/a		1.05
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	n/a	n/a		1.27
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	n/a	n/a		1.97
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
GDT-1	d	Mercury	7439-97-6	mg/L	3/7/2012	0.0002	n/a	ND	
GDT-1	d	Tin	7440-31-5	mg/L	3/7/2012	0.1	n/a	ND	
GDT-1	d	Acrolein	107-02-8	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	3-Chloropropene	107-05-1	ug/L	3/7/2012	2	n/a	ND	
GDT-1	d	Chloroprene	126-99-8	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Dichlorodifluoromethane	75-71-8	ug/L	3/7/2012	3	n/a	ND	
GDT-1	d	1,3-Dichloropropane	142-28-9	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	2,2-Dichloropropane	594-20-7	ug/L	3/7/2012	4	n/a	ND	
GDT-1	d	1,1-Dichloropropene	563-58-6	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Ethyl Methacrylate	97-63-2	ug/L	3/7/2012	2	n/a	ND	
GDT-1	d	Methacrylonitrile	126-98-7	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Methyl Methacrylate	80-62-6	ug/L	3/7/2012	2	n/a	ND	
GDT-1	d	Naphthalene	91-20-3	ug/L	3/7/2012	5	n/a	ND	
GDT-1	d	Propionitrile	107-12-0	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/7/2012	5	n/a	ND	
GDT-1	d	Acenaphthene	83-32-9	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Acenaphthylene	208-96-8	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Acetophenone	98-86-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2-Acetylaminofluorene	53-96-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	4-Aminobiphenyl	92-67-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Anthracene	120-12-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Benzo [a] anthracene	56-55-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Benzo [a] pyrene	50-32-8	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Benzyl alcohol	100-51-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Butyl benzyl phthalate	85-68-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	4-Chloroaniline	106-47-8	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Chlorobenzilate	510-15-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2-Chloronaphthalene	91-58-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2-Chlorophenol	95-57-8	ug/L	3/7/2012	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Chrysene	218-01-9	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	3/4-Methylphenol	T-34MP	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2-Methylphenol	95-48-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Diallate [cis or trans]	2303-16-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Dibenzofuran	132-64-9	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Di-n-butyl phthalate	84-74-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2,4-Dichlorophenol	120-83-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2,6-Dichlorophenol	87-65-0	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Diethyl phthalate	84-66-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Thionazin	297-97-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Dimethoate	60-51-5	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2,4-Dimethylphenol	105-67-9	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Dimethyl phthalate	131-11-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2,4-Dinitrophenol	51-28-5	ug/L	3/7/2012	20	n/a	ND	
GDT-1	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Di-n-octyl phthalate	117-84-0	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Diphenylamine	122-39-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Disulfoton	298-04-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Famphur	52-85-7	ug/L	3/7/2012	20	n/a	ND	
GDT-1	d	Fluoranthene	206-44-0	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Fluorene	86-73-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Hexachlorobenzene	118-74-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Hexachlorobutadiene	87-68-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Hexachloroethane	67-72-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Hexachloropropene	1888-71-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Isodrin	465-73-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Isophorone	78-59-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Isosafrole	120-58-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Kepone	143-50-0	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Methapyrilene	91-80-5	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	3-Methylcholanthrene	56-49-5	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Methyl Methanesulfonate	66-27-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2-Methylnaphthalene	91-57-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Parathion-Methyl	298-00-0	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	1,4-Naphthoquinone	130-15-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	1-Naphthylamine	134-32-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2-Naphthylamine	91-59-8	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2-Nitroaniline	88-74-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	3-Nitroaniline	99-09-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	4-Nitroaniline	100-01-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Nitrobenzene	98-95-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2-Nitrophenol	88-75-5	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	4-Nitrophenol	100-02-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	N-Nitrosopiperidine	100-75-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Parathion-Ethyl	56-38-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Pentachlorobenzene	608-93-5	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Pentachloronitrobenzene	82-68-8	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Phenacetin	62-44-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Phenanthrene	85-01-8	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Phenol	108-95-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	1,4-Phenylenediamine	106-50-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Phorate	298-02-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Pronamide	23950-58-5	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Pyrene	129-00-0	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Safrole	94-59-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	o-Toluidine	95-53-4	ug/L	3/7/2012	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Dinoseb	88-85-7	ug/L	3/7/2012	10	n/a	ND	
GDT-1	d	Acetonitrile	75-05-8	ug/L	3/7/2012	10000	n/a	ND	
GDT-1	d	Isobutanol	78-83-1	mg/L	3/7/2012	10	n/a	ND	
GDT-1	d	PCB-1016	12674-11-2	ug/L	3/7/2012	0.8	n/a	ND	
GDT-1	d	PCB-1221	11104-28-2	ug/L	3/7/2012	0.8	n/a	ND	
GDT-1	d	PCB-1232	11141-16-5	ug/L	3/7/2012	0.8	n/a	ND	
GDT-1	d	PCB-1242	53469-21-9	ug/L	3/7/2012	0.8	n/a	ND	
GDT-1	d	PCB-1248	12672-29-6	ug/L	3/7/2012	0.8	n/a	ND	
GDT-1	d	PCB-1254	11097-69-1	ug/L	3/7/2012	0.8	n/a	ND	
GDT-1	d	PCB-1260	11096-82-5	ug/L	3/7/2012	0.8	n/a	ND	
GDT-1	d	Cyanide	57-12-5	mg/L	3/7/2012	0.01	n/a	ND	
GDT-1	d	Sulfide	18496-25-8	mg/L	3/7/2012	1	n/a	ND	
GDT-1	d	2,4-D [2C]	94-75-7	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	2,4,5-T [2C]	93-76-5	ug/L	3/7/2012	1	n/a	ND	
GDT-1	d	Alpha-BHC	319-84-6	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Beta-BHC	319-85-7	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Dieldrin	60-57-1	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	4,4'-DDE	72-55-9	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Delta-BHC	319-86-8	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Endrin	72-20-8	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Endosulfan II	33213-65-9	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Heptachlor	76-44-8	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	4,4'-DDD	72-54-8	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Aldrin	309-00-2	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Endosulfan sulfate	1031-07-8	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Heptachlor Epoxide	1024-57-3	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	4,4'-DDT	50-29-3	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Endosulfan I	959-98-8	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Methoxychlor	72-43-5	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Toxaphene	8001-35-2	ug/L	3/7/2012	2	n/a	ND	
GDT-1	d	Endrin aldehyde	7421-93-4	ug/L	3/7/2012	0.032	n/a	ND	
GDT-1	d	Chlordane	57-74-9	ug/L	3/7/2012	2	n/a	ND	
GDW	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
GDW	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.00217
GDW	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.13
GDW	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
GDW	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
GDW	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
GDW	d	Cobalt	7440-48-4	mg/L	3/7/2012	0.00155	n/a	ND	
GDW	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
GDW	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
GDW	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
GDW	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
GDW	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
GDW	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
GDW	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
GDW	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
GDW	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
GDW	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
GDW	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
GDW	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
GDW	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
GDW	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
GDW	d	Carbon Disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
GDW	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
GDW	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
GDW	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
GDW	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
GDW	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
GDW	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
GDW	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
GDW	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Vinyl Acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
GDW	d	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
GDW	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.00455
MW-1	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.00475
MW-1	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.129
MW-1	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.138
MW-1	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-1	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/7/2012	0.00155	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/7/2012	0.00155	n/a	ND	
MW-1	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-1	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.00296
MW-12	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.0855
MW-12	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	3/7/2012	0.00155	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	3/7/2012	n/a	n/a		0.021
MW-12	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.0344
MW-13	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.249
MW-13	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	3/7/2012	n/a	n/a		0.0185
MW-13	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	3/7/2012	n/a	n/a		2
MW-14	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-14	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.0282
MW-14	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.027
MW-14	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.287
MW-14	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.301
MW-14	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-14	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	3/7/2012	n/a	n/a		0.00498
MW-14	d	Cobalt	7440-48-4	mg/L	3/7/2012	n/a	n/a		0.00626
MW-14	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-14	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-14	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-14	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-15	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.0011
MW-15	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.0368
MW-15	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	3/7/2012	n/a	n/a		0.00295
MW-15	d	Copper	7440-50-8	mg/L	3/7/2012	n/a	n/a		0.0207
MW-15	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-19	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.00595
MW-19	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.815
MW-19	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-19	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	3/7/2012	n/a	n/a		0.00933
MW-19	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-19	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-19	d	Nickel	7440-02-0	mg/L	3/7/2012	n/a	n/a		0.0518
MW-19	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-19	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-19	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-19	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-19	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-19	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-19	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-19	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-19	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.0664
MW-2AR	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		2.18
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/7/2012	n/a	n/a		0.00437
MW-2AR	d	Copper	7440-50-8	mg/L	3/7/2012	n/a	n/a		0.0233
MW-2AR	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	3/7/2012	0.06	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/7/2012	n/a	n/a		3.92
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	n/a	n/a		3.06
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/7/2012	n/a	n/a		23.4
MW-2AR	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.0141
MW-2BR	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.755
MW-2BR	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	3/7/2012	0.00155	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.00193
MW-3	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.155
MW-3	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-3	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	3/7/2012	0.00155	n/a	ND	
MW-3	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-3	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-3	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.00112
MW-5AR	u	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.044
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/7/2012	0.00155	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-5AR	u	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/7/2012	n/a	n/a		1.88
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/7/2012	0.001	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.208
MW-6A	u	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/7/2012	0.00155	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.00106
MW-6B	u	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.0411
MW-6B	u	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	3/7/2012	n/a	n/a		0.00268
MW-6B	u	Copper	7440-50-8	mg/L	3/7/2012	n/a	n/a		0.0295
MW-6B	u	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-6B	u	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	3/7/2012	0.006	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/7/2012	n/a	n/a		0.21
MW-8R	d	Barium	7440-39-3	mg/L	3/7/2012	n/a	n/a		0.0829
MW-8R	d	Beryllium	7440-41-7	mg/L	3/7/2012	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/7/2012	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	3/7/2012	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	3/7/2012	n/a	n/a		0.0069
MW-8R	d	Copper	7440-50-8	mg/L	3/7/2012	0.02	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	3/7/2012	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	3/7/2012	0.05	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	3/7/2012	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/7/2012	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	3/7/2012	0.002	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/7/2012	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/7/2012	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	3/7/2012	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/7/2012	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/7/2012	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/7/2012	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/7/2012	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/7/2012	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/7/2012	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	3/7/2012	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/7/2012	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/7/2012	0.12	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/7/2012	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/7/2012	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/7/2012	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/7/2012	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/7/2012	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/7/2012	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/7/2012	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/7/2012	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/7/2012	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/7/2012	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/7/2012	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/7/2012	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/7/2012	2	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/7/2012	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/7/2012	3	n/a	ND	
GDT-1	d	Antimony	7440-36-0	mg/L	5/18/2012	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	5/18/2012	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	5/18/2012	n/a	n/a		0.403
GDT-1	d	Beryllium	7440-41-7	mg/L	5/18/2012	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	5/18/2012	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	5/18/2012	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	5/18/2012	n/a	n/a		0.00951
GDT-1	d	Copper	7440-50-8	mg/L	5/18/2012	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	5/18/2012	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	5/18/2012	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	5/18/2012	0.005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Silver	7440-22-4	mg/L	5/18/2012	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	5/18/2012	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	5/18/2012	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	5/18/2012	n/a	n/a		0.0732
GDT-1	d	Acetone	67-64-1	ug/L	5/18/2012	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	5/18/2012	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	5/18/2012	0.5	n/a	ND	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	5/18/2012	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	5/18/2012	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	5/18/2012	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	5/18/2012	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	5/18/2012	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	5/18/2012	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/18/2012	0.12	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/18/2012	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/18/2012	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	5/18/2012	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/18/2012	n/a	n/a		1.16
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/18/2012	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/18/2012	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	5/18/2012	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	5/18/2012	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	5/18/2012	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	5/18/2012	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	5/18/2012	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/18/2012	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	5/18/2012	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	5/18/2012	50	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	5/18/2012	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	5/18/2012	3	n/a	ND	
MW-14	d	Antimony	7440-36-0	mg/L	5/18/2012	0.006	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	5/18/2012	n/a	n/a		0.0551
MW-14	d	Barium	7440-39-3	mg/L	5/18/2012	n/a	n/a		0.347
MW-14	d	Beryllium	7440-41-7	mg/L	5/18/2012	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	5/18/2012	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	5/18/2012	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	5/18/2012	n/a	n/a		0.00404
MW-14	d	Copper	7440-50-8	mg/L	5/18/2012	0.02	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	5/18/2012	0.004	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	5/18/2012	0.05	n/a	ND	
MW-14	d	Selenium	7782-49-2	mg/L	5/18/2012	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	5/18/2012	0.02	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	5/18/2012	0.002	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	5/18/2012	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	5/18/2012	n/a	n/a		0.0207
MW-14	d	Acetone	67-64-1	ug/L	5/18/2012	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	5/18/2012	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	5/18/2012	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	5/18/2012	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	5/18/2012	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	5/18/2012	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	5/18/2012	n/a	n/a		5.34
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	5/18/2012	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	5/18/2012	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	5/18/2012	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/18/2012	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/18/2012	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/18/2012	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	5/18/2012	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/18/2012	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/18/2012	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	5/18/2012	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	5/18/2012	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	5/18/2012	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	5/18/2012	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	5/18/2012	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/18/2012	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	5/18/2012	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	5/18/2012	50	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	5/18/2012	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	5/18/2012	3	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	5/18/2012	n/a	n/a		0.0161
MW-15	d	Arsenic	7440-38-2	mg/L	5/18/2012	0.001	n/a	ND	
MW-15	d	Barium	7440-39-3	mg/L	5/18/2012	n/a	n/a		0.0308
MW-15	d	Beryllium	7440-41-7	mg/L	5/18/2012	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	5/18/2012	0.0005	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	5/18/2012	0.02	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	5/18/2012	0.00155	n/a	ND	
MW-15	d	Copper	7440-50-8	mg/L	5/18/2012	0.02	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	5/18/2012	0.004	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	5/18/2012	0.05	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	5/18/2012	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	5/18/2012	0.02	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	5/18/2012	0.002	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	5/18/2012	0.05	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	5/18/2012	n/a	n/a		0.0223
MW-15	d	Acetone	67-64-1	ug/L	5/18/2012	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	5/18/2012	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	5/18/2012	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	5/18/2012	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	5/18/2012	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	5/18/2012	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	5/18/2012	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	5/18/2012	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	5/18/2012	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/18/2012	0.12	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/18/2012	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/18/2012	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	5/18/2012	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/18/2012	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/18/2012	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	5/18/2012	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	5/18/2012	4	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	5/18/2012	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-15	d	Iodomethane	74-88-4	ug/L	5/18/2012	10	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	5/18/2012	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/18/2012	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	5/18/2012	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	5/18/2012	50	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	5/18/2012	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	5/18/2012	3	n/a	ND	
MW-19	d	Antimony	7440-36-0	mg/L	5/18/2012	0.006	n/a	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	5/18/2012	n/a	n/a		0.00462
MW-19	d	Barium	7440-39-3	mg/L	5/18/2012	n/a	n/a		0.9
MW-19	d	Beryllium	7440-41-7	mg/L	5/18/2012	0.001	n/a	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	5/18/2012	0.0005	n/a	ND	
MW-19	d	Chromium	7440-47-3	mg/L	5/18/2012	0.02	n/a	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	5/18/2012	n/a	n/a		0.00859
MW-19	d	Copper	7440-50-8	mg/L	5/18/2012	0.02	n/a	ND	
MW-19	d	Lead	7439-92-1	mg/L	5/18/2012	0.004	n/a	ND	
MW-19	d	Nickel	7440-02-0	mg/L	5/18/2012	0.05	n/a	ND	
MW-19	d	Selenium	7782-49-2	mg/L	5/18/2012	0.005	n/a	ND	
MW-19	d	Silver	7440-22-4	mg/L	5/18/2012	0.02	n/a	ND	
MW-19	d	Thallium	7440-28-0	mg/L	5/18/2012	0.002	n/a	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	5/18/2012	0.05	n/a	ND	
MW-19	d	Zinc	7440-66-6	mg/L	5/18/2012	0.02	n/a	ND	
MW-19	d	Acetone	67-64-1	ug/L	5/18/2012	10	n/a	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	5/18/2012	10	n/a	ND	
MW-19	d	Benzene	71-43-2	ug/L	5/18/2012	0.5	n/a	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	5/18/2012	5	n/a	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Bromoform	75-25-2	ug/L	5/18/2012	5	n/a	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	5/18/2012	10	n/a	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	5/18/2012	2	n/a	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	5/18/2012	4	n/a	ND	
MW-19	d	Chloroform	67-66-3	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	5/18/2012	5	n/a	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/18/2012	0.12	n/a	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/18/2012	0.13	n/a	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/18/2012	10	n/a	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	5/18/2012	2	n/a	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/18/2012	5	n/a	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/18/2012	5	n/a	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	5/18/2012	10	n/a	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	5/18/2012	4	n/a	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	5/18/2012	3	n/a	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	5/18/2012	10	n/a	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	5/18/2012	5	n/a	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/18/2012	10	n/a	ND	
MW-19	d	Styrene	100-42-5	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Toluene	108-88-3	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	5/18/2012	4	n/a	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	5/18/2012	50	n/a	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	5/18/2012	1	n/a	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	5/18/2012	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Antimony	7440-36-0	mg/L	6/22/2012	0.012	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	6/22/2012	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	6/22/2012	n/a	n/a		0.457
GDT-1	d	Beryllium	7440-41-7	mg/L	6/22/2012	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	6/22/2012	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	6/22/2012	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	6/22/2012	n/a	n/a		0.00466
GDT-1	d	Copper	7440-50-8	mg/L	6/22/2012	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	6/22/2012	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	6/22/2012	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	6/22/2012	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	6/22/2012	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	6/22/2012	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	6/22/2012	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	6/22/2012	0.02	n/a	ND	
GDT-1	d	Acetone	67-64-1	ug/L	6/22/2012	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	6/22/2012	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	6/22/2012	0.5	n/a	ND	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	6/22/2012	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	6/22/2012	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	6/22/2012	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	6/22/2012	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	6/22/2012	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	6/22/2012	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/22/2012	0.12	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	6/22/2012	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/22/2012	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	6/22/2012	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	6/22/2012	n/a	n/a		1.63
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	6/22/2012	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	6/22/2012	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	6/22/2012	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	6/22/2012	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	6/22/2012	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	6/22/2012	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	6/22/2012	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	6/22/2012	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	6/22/2012	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	6/22/2012	2	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	6/22/2012	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	6/22/2012	3	n/a	ND	
GDT-1	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	9/7/2012	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.527
GDT-1	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	9/7/2012	n/a	n/a		0.00185
GDT-1	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
GDT-1	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	9/7/2012	2	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	n/a	n/a		1.25
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	2	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	n/a	n/a		2.15
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	2	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	5	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	9/7/2012	10	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	9/7/2012	4	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
GDT-1	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
GDT-1	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	9/7/2012	n/a	n/a		0.00535
MW-1	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.158
MW-1	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/7/2012	n/a	n/a		0.00231
MW-1	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-1	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	9/7/2012	0.001	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.088
MW-12	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	9/7/2012	n/a	n/a		0.0341
MW-12	d	Cobalt	7440-48-4	mg/L	9/7/2012	0.00155	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-12	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-12	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	9/7/2012	n/a	n/a		0.0452
MW-13	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.274
MW-13	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	9/7/2012	n/a	n/a		0.0185
MW-13	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Mercury	7439-97-6	mg/L	9/7/2012	0.0002	n/a	ND	
MW-13	d	Tin	7440-31-5	mg/L	9/7/2012	0.1	n/a	ND	
MW-13	d	Acrolein	107-02-8	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	3-Chloropropene	107-05-1	ug/L	9/7/2012	4	n/a	ND	
MW-13	d	Chloroprene	126-99-8	ug/L	9/7/2012	4	n/a	ND	
MW-13	d	Dichlorodifluoromethane	75-71-8	ug/L	9/7/2012	3	n/a	ND	
MW-13	d	1,3-Dichloropropane	142-28-9	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	2,2-Dichloropropane	594-20-7	ug/L	9/7/2012	4	n/a	ND	
MW-13	d	1,1-Dichloropropene	563-58-6	ug/L	9/7/2012	4	n/a	ND	
MW-13	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Ethyl Methacrylate	97-63-2	ug/L	9/7/2012	2	n/a	ND	
MW-13	d	Methacrylonitrile	126-98-7	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	Methyl Methacrylate	80-62-6	ug/L	9/7/2012	2	n/a	ND	
MW-13	d	Naphthalene	91-20-3	ug/L	9/7/2012	5	n/a	ND	
MW-13	d	Propionitrile	107-12-0	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/7/2012	5	n/a	ND	
MW-13	d	Acenaphthene	83-32-9	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Acenaphthylene	208-96-8	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Acetophenone	98-86-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2-Acetylaminofluorene	53-96-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	4-Aminobiphenyl	92-67-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Anthracene	120-12-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Benzo [a] anthracene	56-55-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Benzo [a] pyrene	50-32-8	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Benzyl alcohol	100-51-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/7/2012	n/a	n/a		57.1
MW-13	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Butyl benzyl phthalate	85-68-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	4-Chloroaniline	106-47-8	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Chlorobenzilate	510-15-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2-Chloronaphthalene	91-58-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2-Chlorophenol	95-57-8	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Chrysene	218-01-9	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	3/4-Methylphenol	T-34MP	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2-Methylphenol	95-48-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Diallate [cis or trans]	2303-16-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Dibenzofuran	132-64-9	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Di-n-butyl phthalate	84-74-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2,4-Dichlorophenol	120-83-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2,6-Dichlorophenol	87-65-0	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Diethyl phthalate	84-66-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Thionazin	297-97-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Dimethoate	60-51-5	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2,4-Dimethylphenol	105-67-9	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Dimethyl phthalate	131-11-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2,4-Dinitrophenol	51-28-5	ug/L	9/7/2012	20	n/a	ND	
MW-13	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Di-n-octyl phthalate	117-84-0	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Diphenylamine	122-39-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Disulfoton	298-04-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Famphur	52-85-7	ug/L	9/7/2012	20	n/a	ND	
MW-13	d	Fluoranthene	206-44-0	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Fluorene	86-73-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Hexachlorobenzene	118-74-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Hexachlorobutadiene	87-68-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Hexachloroethane	67-72-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Hexachloropropene	1888-71-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Isodrin	465-73-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Isophorone	78-59-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Isosafrole	120-58-1	ug/L	9/7/2012	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Kepone	143-50-0	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Methapyrilene	91-80-5	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	3-Methylcholanthrene	56-49-5	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Methyl Methanesulfonate	66-27-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2-Methylnaphthalene	91-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Parathion-Methyl	298-00-0	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	1,4-Naphthoquinone	130-15-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	1-Naphthylamine	134-32-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2-Naphthylamine	91-59-8	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2-Nitroaniline	88-74-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	3-Nitroaniline	99-09-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	4-Nitroaniline	100-01-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Nitrobenzene	98-95-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2-Nitrophenol	88-75-5	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	4-Nitrophenol	100-02-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	N-Nitrosopiperidine	100-75-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Parathion-Ethyl	56-38-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Pentachlorobenzene	608-93-5	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Pentachloronitrobenzene	82-68-8	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Phenacetin	62-44-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Phenanthrene	85-01-8	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Phenol	108-95-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	1,4-Phenylenediamine	106-50-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Phorate	298-02-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Pronamide	23950-58-5	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Pyrene	129-00-0	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Safrole	94-59-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	o-Toluidine	95-53-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Dinoseb	88-85-7	ug/L	9/7/2012	10	n/a	ND	
MW-13	d	Acetonitrile	75-05-8	ug/L	9/7/2012	10000	n/a	ND	
MW-13	d	Isobutanol	78-83-1	mg/L	9/7/2012	10	n/a	ND	
MW-13	d	PCB-1016	12674-11-2	ug/L	9/7/2012	0.8	n/a	ND	
MW-13	d	PCB-1221	11104-28-2	ug/L	9/7/2012	0.8	n/a	ND	
MW-13	d	PCB-1232	11141-16-5	ug/L	9/7/2012	0.8	n/a	ND	
MW-13	d	PCB-1242	53469-21-9	ug/L	9/7/2012	0.8	n/a	ND	
MW-13	d	PCB-1248	12672-29-6	ug/L	9/7/2012	0.8	n/a	ND	
MW-13	d	PCB-1254	11097-69-1	ug/L	9/7/2012	0.8	n/a	ND	
MW-13	d	PCB-1260	11096-82-5	ug/L	9/7/2012	0.8	n/a	ND	
MW-13	d	Cyanide	57-12-5	mg/L	9/7/2012	0.01	n/a	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	9/7/2012	0.23	n/a	ND	
MW-13	d	2,4-D [2C]	94-75-7	ug/L	9/7/2012	0.47	n/a	ND	
MW-13	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/7/2012	0.29	n/a	ND	
MW-13	d	2,4,5-T [2C]	93-76-5	ug/L	9/7/2012	0.44	n/a	ND	
MW-13	d	Alpha-BHC	319-84-6	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Beta-BHC	319-85-7	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Dieldrin	60-57-1	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	4,4'-DDE	72-55-9	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Delta-BHC	319-86-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Endrin	72-20-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Endosulfan II	33213-65-9	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Heptachlor	76-44-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	4,4'-DDD	72-54-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Aldrin	309-00-2	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Endosulfan sulfate	1031-07-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	9/7/2012	n/a	n/a		0.0405
MW-13	d	4,4'-DDT	50-29-3	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Endosulfan I	959-98-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Methoxychlor	72-43-5	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Alpha-Chlordane	5103-71-9	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	gamma-Chlordane	5566-34-7	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Toxaphene	8001-35-2	ug/L	9/7/2012	2.25	n/a	ND	
MW-13	d	Endrin aldehyde	7421-93-4	ug/L	9/7/2012	0.036	n/a	ND	
MW-13	d	Chlordane	57-74-9	ug/L	9/7/2012	2.25	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-13	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-14	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	9/7/2012	n/a	n/a		0.0477
MW-14	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.299
MW-14	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	9/7/2012	n/a	n/a		0.0038
MW-14	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-14	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-14	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-14	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-15	d	Arsenic	7440-38-2	mg/L	9/7/2012	0.001	n/a	ND	
MW-15	d	Arsenic	7440-38-2	mg/L	9/7/2012	0.001	n/a	ND	
MW-15	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.0312
MW-15	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.031
MW-15	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-15	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	9/7/2012	0.00155	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-15	d	Cobalt	7440-48-4	mg/L	9/7/2012	0.00155	n/a	ND	
MW-15	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-15	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-15	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-15	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-15	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-15	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-19	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	9/7/2012	n/a	n/a		0.00879
MW-19	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.893
MW-19	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-19	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	9/7/2012	n/a	n/a		0.0126
MW-19	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-19	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-19	d	Nickel	7440-02-0	mg/L	9/7/2012	n/a	n/a		0.0642
MW-19	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-19	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-19	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-19	d	Zinc	7440-66-6	mg/L	9/7/2012	n/a	n/a		0.0274
MW-19	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-19	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-19	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-19	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-19	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-19	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-19	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	9/7/2012	0.012	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/7/2012	n/a	n/a		0.0511
MW-2AR	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		2.29
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/7/2012	n/a	n/a		0.00468
MW-2AR	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/7/2012	n/a	n/a		4.48
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	n/a	n/a		2.27
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/7/2012	n/a	n/a		41.8
MW-2AR	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-2AR	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/7/2012	n/a	n/a		0.0139
MW-2BR	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.76
MW-2BR	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	9/7/2012	0.00155	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	9/7/2012	n/a	n/a		1.08
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-2BR	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	9/7/2012	n/a	n/a		0.00492
MW-3	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.186
MW-3	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-3	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	9/7/2012	n/a	n/a		0.00264
MW-3	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-3	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-3	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/7/2012	0.001	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/7/2012	0.001	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.259
MW-6A	u	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.258
MW-6A	u	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-6A	u	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	9/7/2012	n/a	n/a		0.0494
MW-6A	u	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	9/7/2012	0.00155	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	9/7/2012	0.00155	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	9/7/2012	n/a	n/a		0.0318
MW-6A	u	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	9/7/2012	n/a	n/a		0.00409
MW-6A	u	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	9/7/2012	n/a	n/a		0.0271
MW-6A	u	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	9/7/2012	0.001	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.0524
MW-6B	u	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	9/7/2012	0.00155	n/a	ND	
MW-6B	u	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-6B	u	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-6B	u	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	9/7/2012	0.006	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/7/2012	n/a	n/a		0.0102
MW-8R	d	Barium	7440-39-3	mg/L	9/7/2012	n/a	n/a		0.0334
MW-8R	d	Beryllium	7440-41-7	mg/L	9/7/2012	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/7/2012	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/7/2012	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/7/2012	n/a	n/a		0.00629
MW-8R	d	Copper	7440-50-8	mg/L	9/7/2012	0.02	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	9/7/2012	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	9/7/2012	0.05	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	9/7/2012	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/7/2012	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/7/2012	0.002	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/7/2012	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/7/2012	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/7/2012	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/7/2012	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/7/2012	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/7/2012	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/7/2012	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/7/2012	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/7/2012	0.12	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/7/2012	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/7/2012	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/7/2012	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/7/2012	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/7/2012	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/7/2012	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/7/2012	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/7/2012	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/7/2012	4	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/7/2012	3	n/a	ND	
MW-8R	d	Mercury	7439-97-6	mg/L	9/7/2012	0.0002	n/a	ND	
MW-8R	d	Tin	7440-31-5	mg/L	9/7/2012	0.1	n/a	ND	
MW-8R	d	Acrolein	107-02-8	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	3-Chloropropene	107-05-1	ug/L	9/7/2012	4	n/a	ND	
MW-8R	d	Chloroprene	126-99-8	ug/L	9/7/2012	4	n/a	ND	
MW-8R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/7/2012	3	n/a	ND	
MW-8R	d	1,3-Dichloropropane	142-28-9	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	2,2-Dichloropropane	594-20-7	ug/L	9/7/2012	4	n/a	ND	
MW-8R	d	1,1-Dichloropropene	563-58-6	ug/L	9/7/2012	4	n/a	ND	
MW-8R	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Ethyl Methacrylate	97-63-2	ug/L	9/7/2012	2	n/a	ND	
MW-8R	d	Methacrylonitrile	126-98-7	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	Methyl Methacrylate	80-62-6	ug/L	9/7/2012	2	n/a	ND	
MW-8R	d	Naphthalene	91-20-3	ug/L	9/7/2012	5	n/a	ND	
MW-8R	d	Propionitrile	107-12-0	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/7/2012	5	n/a	ND	
MW-8R	d	Acenaphthene	83-32-9	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Acenaphthylene	208-96-8	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Acetophenone	98-86-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2-Acetylaminofluorene	53-96-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	4-Aminobiphenyl	92-67-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Anthracene	120-12-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Benzo [a] anthracene	56-55-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Benzo [a] pyrene	50-32-8	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Benzyl alcohol	100-51-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Butyl benzyl phthalate	85-68-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	4-Chloroaniline	106-47-8	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Chlorobenzilate	510-15-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2-Chloronaphthalene	91-58-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2-Chlorophenol	95-57-8	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Chrysene	218-01-9	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	3/4-Methylphenol	T-34MP	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2-Methylphenol	95-48-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Diallate [cis or trans]	2303-16-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Dibenzofuran	132-64-9	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Di-n-butyl phthalate	84-74-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2,4-Dichlorophenol	120-83-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2,6-Dichlorophenol	87-65-0	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Diethyl phthalate	84-66-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Thionazin	297-97-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Dimethoate	60-51-5	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2,4-Dimethylphenol	105-67-9	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Dimethyl phthalate	131-11-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2,4-Dinitrophenol	51-28-5	ug/L	9/7/2012	20	n/a	ND	
MW-8R	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Di-n-octyl phthalate	117-84-0	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Diphenylamine	122-39-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Disulfoton	298-04-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Famphur	52-85-7	ug/L	9/7/2012	20	n/a	ND	
MW-8R	d	Fluoranthene	206-44-0	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Fluorene	86-73-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Hexachlorobenzene	118-74-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Hexachlorobutadiene	87-68-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Hexachloroethane	67-72-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Hexachloropropene	1888-71-7	ug/L	9/7/2012	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Isodrin	465-73-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Isophorone	78-59-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Isosafrole	120-58-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Kepone	143-50-0	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Methapyrilene	91-80-5	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	3-Methylcholanthrene	56-49-5	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Methyl Methanesulfonate	66-27-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2-Methylnaphthalene	91-57-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Parathion-Methyl	298-00-0	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	1,4-Naphthoquinone	130-15-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	1-Naphthylamine	134-32-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2-Naphthylamine	91-59-8	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2-Nitroaniline	88-74-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	3-Nitroaniline	99-09-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	4-Nitroaniline	100-01-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Nitrobenzene	98-95-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2-Nitrophenol	88-75-5	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	4-Nitrophenol	100-02-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	N-Nitrosopiperidine	100-75-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Parathion-Ethyl	56-38-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Pentachlorobenzene	608-93-5	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Pentachloronitrobenzene	82-68-8	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Phenacetin	62-44-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Phenanthrene	85-01-8	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Phenol	108-95-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	1,4-Phenylenediamine	106-50-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Phorate	298-02-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Pronamide	23950-58-5	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Pyrene	129-00-0	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Safrole	94-59-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	o-Toluidine	95-53-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Dinoseb	88-85-7	ug/L	9/7/2012	10	n/a	ND	
MW-8R	d	Acetonitrile	75-05-8	ug/L	9/7/2012	10000	n/a	ND	
MW-8R	d	Isobutanol	78-83-1	mg/L	9/7/2012	10	n/a	ND	
MW-8R	d	PCB-1016	12674-11-2	ug/L	9/7/2012	0.8	n/a	ND	
MW-8R	d	PCB-1221	11104-28-2	ug/L	9/7/2012	0.8	n/a	ND	
MW-8R	d	PCB-1232	11141-16-5	ug/L	9/7/2012	0.8	n/a	ND	
MW-8R	d	PCB-1242	53469-21-9	ug/L	9/7/2012	0.8	n/a	ND	
MW-8R	d	PCB-1248	12672-29-6	ug/L	9/7/2012	0.8	n/a	ND	
MW-8R	d	PCB-1254	11097-69-1	ug/L	9/7/2012	0.8	n/a	ND	
MW-8R	d	PCB-1260	11096-82-5	ug/L	9/7/2012	0.8	n/a	ND	
MW-8R	d	Cyanide	57-12-5	mg/L	9/7/2012	0.01	n/a	ND	
MW-8R	d	Sulfide	18496-25-8	mg/L	9/7/2012	0.23	n/a	ND	
MW-8R	d	2,4-D [2C]	94-75-7	ug/L	9/7/2012	0.47	n/a	ND	
MW-8R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/7/2012	0.29	n/a	ND	
MW-8R	d	2,4,5-T [2C]	93-76-5	ug/L	9/7/2012	0.43	n/a	ND	
MW-8R	d	Alpha-BHC	319-84-6	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Beta-BHC	319-85-7	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Dieldrin	60-57-1	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	4,4'-DDE	72-55-9	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Delta-BHC	319-86-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Endrin	72-20-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Endosulfan II	33213-65-9	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Heptachlor	76-44-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	4,4'-DDD	72-54-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Aldrin	309-00-2	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Endosulfan sulfate	1031-07-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Heptachlor Epoxide	1024-57-3	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	4,4'-DDT	50-29-3	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Endosulfan I	959-98-8	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Methoxychlor	72-43-5	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Alpha-Chlordane	5103-71-9	ug/L	9/7/2012	0.036	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	gamma-Chlordane	5566-34-7	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Toxaphene	8001-35-2	ug/L	9/7/2012	2.25	n/a	ND	
MW-8R	d	Endrin aldehyde	7421-93-4	ug/L	9/7/2012	0.036	n/a	ND	
MW-8R	d	Chlordane	57-74-9	ug/L	9/7/2012	2.25	n/a	ND	
MW-8R	d	O-Xylene	95-47-6	ug/L	9/7/2012	1	n/a	ND	
MW-8R	d	M&P-Xylene	179601-23-1	ug/L	9/7/2012	2	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	1/28/2013	0.001	n/a	ND	
MW-19	d	Nickel	7440-02-0	mg/L	1/28/2013	0.05	n/a	ND	
GDT-1	d	Antimony	7440-36-0	mg/L	3/13/2013	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	3/13/2013	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	3/13/2013	n/a	n/a		0.2
GDT-1	d	Beryllium	7440-41-7	mg/L	3/13/2013	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	3/13/2013	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	3/13/2013	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	3/13/2013	n/a	n/a		0.0128
GDT-1	d	Copper	7440-50-8	mg/L	3/13/2013	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	3/13/2013	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	3/13/2013	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	3/13/2013	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	3/13/2013	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	3/13/2013	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	3/13/2013	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	3/13/2013	n/a	n/a		0.167
GDT-1	d	Acetone	67-64-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	3/13/2013	0.5	n/a	ND	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	3/13/2013	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	3/13/2013	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2013	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	3/13/2013	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2013	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2013	0.12	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2013	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2013	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2013	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2013	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	3/13/2013	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	3/13/2013	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	3/13/2013	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2013	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	3/13/2013	2	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	3/13/2013	3	n/a	ND	
GDT-1	d	Mercury	7439-97-6	mg/L	3/13/2013	0.0002	n/a	ND	
GDT-1	d	Tin	7440-31-5	mg/L	3/13/2013	0.1	n/a	ND	
GDT-1	d	Acrolein	107-02-8	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	3-Chloropropene	107-05-1	ug/L	3/13/2013	2	n/a	ND	
GDT-1	d	Chloroprene	126-99-8	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Dichlorodifluoromethane	75-71-8	ug/L	3/13/2013	3	n/a	ND	
GDT-1	d	1,3-Dichloropropane	142-28-9	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	2,2-Dichloropropane	594-20-7	ug/L	3/13/2013	4	n/a	ND	
GDT-1	d	1,1-Dichloropropene	563-58-6	ug/L	3/13/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Ethyl Methacrylate	97-63-2	ug/L	3/13/2013	2	n/a	ND	
GDT-1	d	Methacrylonitrile	126-98-7	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Methyl Methacrylate	80-62-6	ug/L	3/13/2013	2	n/a	ND	
GDT-1	d	Naphthalene	91-20-3	ug/L	3/13/2013	5	n/a	ND	
GDT-1	d	Propionitrile	107-12-0	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/13/2013	5	n/a	ND	
GDT-1	d	Acenaphthene	83-32-9	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Acenaphthylene	208-96-8	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Acetophenone	98-86-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2-Acetylaminofluorene	53-96-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	4-Aminobiphenyl	92-67-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Anthracene	120-12-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Benzo [a] anthracene	56-55-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Benzo [a] pyrene	50-32-8	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Benzyl alcohol	100-51-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Butyl benzyl phthalate	85-68-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	4-Chloroaniline	106-47-8	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Chlorobenzilate	510-15-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2-Chloronaphthalene	91-58-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2-Chlorophenol	95-57-8	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Chrysene	218-01-9	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	3/4-Methylphenol	T-34MP	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2-Methylphenol	95-48-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Diallate [cis or trans]	2303-16-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Dibenzofuran	132-64-9	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Di-n-butyl phthalate	84-74-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/13/2013	50	n/a	ND	
GDT-1	d	2,4-Dichlorophenol	120-83-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2,6-Dichlorophenol	87-65-0	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Diethyl phthalate	84-66-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Thionazin	297-97-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Dimethoate	60-51-5	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2,4-Dimethylphenol	105-67-9	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Dimethyl phthalate	131-11-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2,4-Dinitrophenol	51-28-5	ug/L	3/13/2013	20	n/a	ND	
GDT-1	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Di-n-octyl phthalate	117-84-0	ug/L	3/13/2013	20	n/a	ND	
GDT-1	d	Diphenylamine	122-39-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Disulfoton	298-04-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Famphur	52-85-7	ug/L	3/13/2013	20	n/a	ND	
GDT-1	d	Fluoranthene	206-44-0	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Fluorene	86-73-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Hexachlorobenzene	118-74-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Hexachlorobutadiene	87-68-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/13/2013	20	n/a	ND	
GDT-1	d	Hexachloroethane	67-72-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Hexachloropropene	1888-71-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Isodrin	465-73-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Isophorone	78-59-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Isosafrole	120-58-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Kepone	143-50-0	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Methapyrilene	91-80-5	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	3-Methylcholanthrene	56-49-5	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Methyl Methanesulfonate	66-27-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2-Methylnaphthalene	91-57-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Parathion-Methyl	298-00-0	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	1,4-Naphthoquinone	130-15-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	1-Naphthylamine	134-32-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2-Naphthylamine	91-59-8	ug/L	3/13/2013	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	2-Nitroaniline	88-74-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	3-Nitroaniline	99-09-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	4-Nitroaniline	100-01-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Nitrobenzene	98-95-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2-Nitrophenol	88-75-5	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	4-Nitrophenol	100-02-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	N-Nitrosopiperidine	100-75-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Parathion-Ethyl	56-38-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Pentachlorobenzene	608-93-5	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Pentachloronitrobenzene	82-68-8	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Phenacetin	62-44-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Phenanthrene	85-01-8	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Phenol	108-95-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	1,4-Phenylenediamine	106-50-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Phorate	298-02-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Pronamide	23950-58-5	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Pyrene	129-00-0	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Safrole	94-59-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	o-Toluidine	95-53-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Dinoseb	88-85-7	ug/L	3/13/2013	10	n/a	ND	
GDT-1	d	Acetonitrile	75-05-8	ug/L	3/13/2013	10000	n/a	ND	
GDT-1	d	Isobutanol	78-83-1	mg/L	3/13/2013	10	n/a	ND	
GDT-1	d	PCB-1016	12674-11-2	ug/L	3/13/2013	0.8	n/a	ND	
GDT-1	d	PCB-1221	11104-28-2	ug/L	3/13/2013	0.8	n/a	ND	
GDT-1	d	PCB-1232	11141-16-5	ug/L	3/13/2013	0.8	n/a	ND	
GDT-1	d	PCB-1242	53469-21-9	ug/L	3/13/2013	0.8	n/a	ND	
GDT-1	d	PCB-1248	12672-29-6	ug/L	3/13/2013	0.8	n/a	ND	
GDT-1	d	PCB-1254	11097-69-1	ug/L	3/13/2013	0.8	n/a	ND	
GDT-1	d	PCB-1260	11096-82-5	ug/L	3/13/2013	0.8	n/a	ND	
GDT-1	d	Cyanide	57-12-5	mg/L	3/13/2013	0.01	n/a	ND	
GDT-1	d	Sulfide	18496-25-8	mg/L	3/13/2013	1	n/a	ND	
GDT-1	d	2,4-D [2C]	94-75-7	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	2,4,5-T [2C]	93-76-5	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	Alpha-BHC	319-84-6	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Beta-BHC	319-85-7	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Dieldrin	60-57-1	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	4,4'-DDE	72-55-9	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Delta-BHC	319-86-8	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Endrin	72-20-8	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Endosulfan II	33213-65-9	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Heptachlor	76-44-8	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	4,4'-DDD	72-54-8	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Aldrin	309-00-2	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Endosulfan sulfate	1031-07-8	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Heptachlor Epoxide	1024-57-3	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	4,4'-DDT	50-29-3	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Endosulfan I	959-98-8	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Methoxychlor	72-43-5	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Alpha-Chlordane	5103-71-9	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	gamma-Chlordane	5566-34-7	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Toxaphene	8001-35-2	ug/L	3/13/2013	2	n/a	ND	
GDT-1	d	Endrin aldehyde	7421-93-4	ug/L	3/13/2013	0.032	n/a	ND	
GDT-1	d	Chlordane	57-74-9	ug/L	3/13/2013	2	n/a	ND	
GDT-1	d	O-Xylene	95-47-6	ug/L	3/13/2013	1	n/a	ND	
GDT-1	d	M&P-Xylene	179601-23-1	ug/L	3/13/2013	2	n/a	ND	
GDT-2	d	Antimony	7440-36-0	mg/L	3/13/2013	0.006	n/a	ND	
GDT-2	d	Arsenic	7440-38-2	mg/L	3/13/2013	n/a	n/a		0.00913
GDT-2	d	Barium	7440-39-3	mg/L	3/13/2013	n/a	n/a		0.0602
GDT-2	d	Beryllium	7440-41-7	mg/L	3/13/2013	0.001	n/a	ND	
GDT-2	d	Cadmium	7440-43-9	mg/L	3/13/2013	0.0005	n/a	ND	
GDT-2	d	Chromium	7440-47-3	mg/L	3/13/2013	0.02	n/a	ND	
GDT-2	d	Cobalt	7440-48-4	mg/L	3/13/2013	n/a	n/a		0.0135

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Copper	7440-50-8	mg/L	3/13/2013	0.02	n/a	ND	
GDT-2	d	Lead	7439-92-1	mg/L	3/13/2013	0.004	n/a	ND	
GDT-2	d	Nickel	7440-02-0	mg/L	3/13/2013	0.05	n/a	ND	
GDT-2	d	Selenium	7782-49-2	mg/L	3/13/2013	0.005	n/a	ND	
GDT-2	d	Silver	7440-22-4	mg/L	3/13/2013	0.02	n/a	ND	
GDT-2	d	Thallium	7440-28-0	mg/L	3/13/2013	0.002	n/a	ND	
GDT-2	d	Vanadium	7440-62-2	mg/L	3/13/2013	0.05	n/a	ND	
GDT-2	d	Zinc	7440-66-6	mg/L	3/13/2013	n/a	n/a		0.0605
GDT-2	d	Acetone	67-64-1	ug/L	3/13/2013	10	n/a	ND	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	3/13/2013	10	n/a	ND	
GDT-2	d	Benzene	71-43-2	ug/L	3/13/2013	n/a	n/a		1.26
GDT-2	d	Bromochloromethane	74-97-5	ug/L	3/13/2013	5	n/a	ND	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Bromoform	75-25-2	ug/L	3/13/2013	5	n/a	ND	
GDT-2	d	2-Butanone	78-93-3	ug/L	3/13/2013	10	n/a	ND	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2013	2	n/a	ND	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Chloroethane	75-00-3	ug/L	3/13/2013	4	n/a	ND	
GDT-2	d	Chloroform	67-66-3	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2013	5	n/a	ND	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2013	0.12	n/a	ND	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2013	0.13	n/a	ND	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2013	10	n/a	ND	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2013	2	n/a	ND	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2013	n/a	n/a		1.02
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2013	5	n/a	ND	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2013	5	n/a	ND	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	2-Hexanone	591-78-6	ug/L	3/13/2013	10	n/a	ND	
GDT-2	d	Bromomethane	74-83-9	ug/L	3/13/2013	4	n/a	ND	
GDT-2	d	Chloromethane	74-87-3	ug/L	3/13/2013	3	n/a	ND	
GDT-2	d	Iodomethane	74-88-4	ug/L	3/13/2013	10	n/a	ND	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	3/13/2013	5	n/a	ND	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2013	10	n/a	ND	
GDT-2	d	Styrene	100-42-5	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Toluene	108-88-3	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Trichloroethene	79-01-6	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2013	4	n/a	ND	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	3/13/2013	2	n/a	ND	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	3/13/2013	3	n/a	ND	
GDT-2	d	O-Xylene	95-47-6	ug/L	3/13/2013	1	n/a	ND	
GDT-2	d	M&P-Xylene	179601-23-1	ug/L	3/13/2013	2	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	3/13/2013	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/13/2013	0.001	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	3/13/2013	n/a	n/a		0.0705
MW-12	d	Beryllium	7440-41-7	mg/L	3/13/2013	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/13/2013	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	3/13/2013	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	3/13/2013	0.00132	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	3/13/2013	0.02	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	3/13/2013	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	3/13/2013	0.05	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	3/13/2013	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/13/2013	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/13/2013	0.002	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	3/13/2013	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/13/2013	n/a	n/a		0.0306
MW-12	d	Acetone	67-64-1	ug/L	3/13/2013	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/13/2013	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/13/2013	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/13/2013	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/13/2013	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/13/2013	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2013	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/13/2013	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2013	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2013	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2013	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2013	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2013	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2013	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2013	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/13/2013	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/13/2013	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/13/2013	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/13/2013	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/13/2013	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2013	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2013	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/13/2013	2	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/13/2013	3	n/a	ND	
MW-12	d	O-Xylene	95-47-6	ug/L	3/13/2013	1	n/a	ND	
MW-12	d	M&P-Xylene	179601-23-1	ug/L	3/13/2013	2	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	3/13/2013	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	3/13/2013	n/a	n/a		0.0193
MW-13	d	Barium	7440-39-3	mg/L	3/13/2013	n/a	n/a		0.198
MW-13	d	Beryllium	7440-41-7	mg/L	3/13/2013	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	3/13/2013	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	3/13/2013	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	3/13/2013	n/a	n/a		0.0177
MW-13	d	Copper	7440-50-8	mg/L	3/13/2013	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	3/13/2013	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	3/13/2013	0.05	n/a	ND	
MW-13	d	Selenium	7782-49-2	mg/L	3/13/2013	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	3/13/2013	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	3/13/2013	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	3/13/2013	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	3/13/2013	n/a	n/a		0.0414
MW-13	d	Acetone	67-64-1	ug/L	3/13/2013	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/13/2013	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	3/13/2013	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/13/2013	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	3/13/2013	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	3/13/2013	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2013	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	3/13/2013	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2013	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2013	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2013	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2013	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2013	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2013	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2013	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	3/13/2013	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	3/13/2013	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	3/13/2013	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	3/13/2013	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/13/2013	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2013	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2013	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/13/2013	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/13/2013	3	n/a	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	3/13/2013	n/a	n/a		3.38
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	3/13/2013	n/a	n/a		0.0479
MW-13	d	O-Xylene	95-47-6	ug/L	3/13/2013	1	n/a	ND	
MW-13	d	M&P-Xylene	179601-23-1	ug/L	3/13/2013	2	n/a	ND	
MW-14	d	Antimony	7440-36-0	mg/L	3/13/2013	0.006	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	3/13/2013	n/a	n/a		0.0269
MW-14	d	Barium	7440-39-3	mg/L	3/13/2013	n/a	n/a		0.215
MW-14	d	Beryllium	7440-41-7	mg/L	3/13/2013	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/13/2013	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	3/13/2013	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	3/13/2013	n/a	n/a		0.00569
MW-14	d	Copper	7440-50-8	mg/L	3/13/2013	0.02	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	3/13/2013	0.004	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	3/13/2013	0.05	n/a	ND	
MW-14	d	Selenium	7782-49-2	mg/L	3/13/2013	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	3/13/2013	0.02	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	3/13/2013	0.002	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/13/2013	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	3/13/2013	n/a	n/a		0.0343
MW-14	d	Acetone	67-64-1	ug/L	3/13/2013	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/13/2013	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/13/2013	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/13/2013	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/13/2013	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/13/2013	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2013	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/13/2013	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2013	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2013	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2013	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2013	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2013	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2013	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2013	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/13/2013	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/13/2013	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	3/13/2013	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/13/2013	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/13/2013	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2013	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/13/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2013	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/13/2013	2	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/13/2013	3	n/a	ND	
MW-14	d	O-Xylene	95-47-6	ug/L	3/13/2013	1	n/a	ND	
MW-14	d	M&P-Xylene	179601-23-1	ug/L	3/13/2013	2	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	3/13/2013	0.006	n/a	ND	
MW-15	d	Arsenic	7440-38-2	mg/L	3/13/2013	0.001	n/a	ND	
MW-15	d	Barium	7440-39-3	mg/L	3/13/2013	n/a	n/a		0.0235
MW-15	d	Beryllium	7440-41-7	mg/L	3/13/2013	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	3/13/2013	0.0005	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	3/13/2013	0.02	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	3/13/2013	0.00132	n/a	ND	
MW-15	d	Copper	7440-50-8	mg/L	3/13/2013	0.02	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	3/13/2013	0.004	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	3/13/2013	0.05	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	3/13/2013	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	3/13/2013	0.02	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	3/13/2013	0.002	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	3/13/2013	0.05	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	3/13/2013	n/a	n/a		0.0543
MW-15	d	Acetone	67-64-1	ug/L	3/13/2013	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	3/13/2013	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	3/13/2013	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	3/13/2013	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	3/13/2013	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	3/13/2013	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2013	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	3/13/2013	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2013	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2013	0.12	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2013	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2013	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2013	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2013	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2013	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	3/13/2013	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	3/13/2013	4	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	3/13/2013	3	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	3/13/2013	10	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	3/13/2013	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2013	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2013	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	3/13/2013	2	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	3/13/2013	3	n/a	ND	
MW-15	d	O-Xylene	95-47-6	ug/L	3/13/2013	1	n/a	ND	
MW-15	d	M&P-Xylene	179601-23-1	ug/L	3/13/2013	2	n/a	ND	
MW-19	d	Antimony	7440-36-0	mg/L	3/13/2013	0.006	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-19	d	Antimony	7440-36-0	mg/L	3/13/2013	0.006	n/a	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	3/13/2013	n/a	n/a		0.0095
MW-19	d	Arsenic	7440-38-2	mg/L	3/13/2013	n/a	n/a		0.00671
MW-19	d	Barium	7440-39-3	mg/L	3/13/2013	n/a	n/a		0.782
MW-19	d	Barium	7440-39-3	mg/L	3/13/2013	n/a	n/a		0.736
MW-19	d	Beryllium	7440-41-7	mg/L	3/13/2013	0.001	n/a	ND	
MW-19	d	Beryllium	7440-41-7	mg/L	3/13/2013	0.001	n/a	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	3/13/2013	0.0005	n/a	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	3/13/2013	0.0005	n/a	ND	
MW-19	d	Chromium	7440-47-3	mg/L	3/13/2013	0.02	n/a	ND	
MW-19	d	Chromium	7440-47-3	mg/L	3/13/2013	0.02	n/a	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	3/13/2013	n/a	n/a		0.00952
MW-19	d	Cobalt	7440-48-4	mg/L	3/13/2013	n/a	n/a		0.00867
MW-19	d	Copper	7440-50-8	mg/L	3/13/2013	0.02	n/a	ND	
MW-19	d	Copper	7440-50-8	mg/L	3/13/2013	0.02	n/a	ND	
MW-19	d	Lead	7439-92-1	mg/L	3/13/2013	0.004	n/a	ND	
MW-19	d	Lead	7439-92-1	mg/L	3/13/2013	0.004	n/a	ND	
MW-19	d	Nickel	7440-02-0	mg/L	3/13/2013	n/a	n/a		0.0619
MW-19	d	Nickel	7440-02-0	mg/L	3/13/2013	n/a	n/a		0.062
MW-19	d	Selenium	7782-49-2	mg/L	3/13/2013	0.005	n/a	ND	
MW-19	d	Selenium	7782-49-2	mg/L	3/13/2013	0.005	n/a	ND	
MW-19	d	Silver	7440-22-4	mg/L	3/13/2013	0.02	n/a	ND	
MW-19	d	Silver	7440-22-4	mg/L	3/13/2013	0.02	n/a	ND	
MW-19	d	Thallium	7440-28-0	mg/L	3/13/2013	0.002	n/a	ND	
MW-19	d	Thallium	7440-28-0	mg/L	3/13/2013	0.002	n/a	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	3/13/2013	0.05	n/a	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	3/13/2013	0.05	n/a	ND	
MW-19	d	Zinc	7440-66-6	mg/L	3/13/2013	n/a	n/a		0.0514
MW-19	d	Zinc	7440-66-6	mg/L	3/13/2013	n/a	n/a		0.046
MW-19	d	Acetone	67-64-1	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	Acetone	67-64-1	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	Benzene	71-43-2	ug/L	3/13/2013	0.5	n/a	ND	
MW-19	d	Benzene	71-43-2	ug/L	3/13/2013	0.5	n/a	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Bromoform	75-25-2	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	Bromoform	75-25-2	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2013	2	n/a	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2013	2	n/a	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	3/13/2013	4	n/a	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	3/13/2013	4	n/a	ND	
MW-19	d	Chloroform	67-66-3	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Chloroform	67-66-3	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2013	0.12	n/a	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2013	0.12	n/a	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2013	0.13	n/a	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2013	0.13	n/a	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2013	2	n/a	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2013	2	n/a	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	3/13/2013	4	n/a	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	3/13/2013	4	n/a	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	3/13/2013	3	n/a	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	3/13/2013	3	n/a	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	3/13/2013	5	n/a	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2013	10	n/a	ND	
MW-19	d	Styrene	100-42-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Styrene	100-42-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Toluene	108-88-3	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Toluene	108-88-3	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2013	4	n/a	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2013	4	n/a	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	3/13/2013	2	n/a	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	3/13/2013	2	n/a	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	3/13/2013	3	n/a	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	3/13/2013	3	n/a	ND	
MW-19	d	O-Xylene	95-47-6	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	O-Xylene	95-47-6	ug/L	3/13/2013	1	n/a	ND	
MW-19	d	M&P-Xylene	179601-23-1	ug/L	3/13/2013	2	n/a	ND	
MW-19	d	M&P-Xylene	179601-23-1	ug/L	3/13/2013	2	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	3/13/2013	0.006	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/13/2013	n/a	n/a		0.0229
MW-8R	d	Barium	7440-39-3	mg/L	3/13/2013	n/a	n/a		0.027
MW-8R	d	Beryllium	7440-41-7	mg/L	3/13/2013	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/13/2013	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	3/13/2013	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	3/13/2013	n/a	n/a		0.0092
MW-8R	d	Copper	7440-50-8	mg/L	3/13/2013	0.02	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	3/13/2013	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	3/13/2013	0.05	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	3/13/2013	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/13/2013	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	3/13/2013	0.002	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/13/2013	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/13/2013	n/a	n/a		0.0533
MW-8R	d	Acetone	67-64-1	ug/L	3/13/2013	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/13/2013	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/13/2013	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/13/2013	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/13/2013	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/13/2013	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2013	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	3/13/2013	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2013	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2013	0.12	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2013	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2013	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2013	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2013	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2013	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/13/2013	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/13/2013	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/13/2013	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/13/2013	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/13/2013	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2013	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2013	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/13/2013	2	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/13/2013	3	n/a	ND	
MW-8R	d	O-Xylene	95-47-6	ug/L	3/13/2013	1	n/a	ND	
MW-8R	d	M&P-Xylene	179601-23-1	ug/L	3/13/2013	2	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	3/14/2013	0.006	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/14/2013	n/a	n/a		0.00789
MW-1	d	Barium	7440-39-3	mg/L	3/14/2013	n/a	n/a		0.141
MW-1	d	Beryllium	7440-41-7	mg/L	3/14/2013	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/14/2013	n/a	n/a		0.000954
MW-1	d	Chromium	7440-47-3	mg/L	3/14/2013	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/14/2013	0.00132	n/a	ND	
MW-1	d	Copper	7440-50-8	mg/L	3/14/2013	0.02	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/14/2013	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/14/2013	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	3/14/2013	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/14/2013	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/14/2013	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/14/2013	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/14/2013	n/a	n/a		0.0418
MW-1	d	Acetone	67-64-1	ug/L	3/14/2013	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/14/2013	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/14/2013	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/14/2013	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/14/2013	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/14/2013	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/14/2013	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/14/2013	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/14/2013	0.12	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/14/2013	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/14/2013	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2013	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/14/2013	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/14/2013	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/14/2013	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/14/2013	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/14/2013	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/14/2013	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/14/2013	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Styrene	100-42-5	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/14/2013	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/14/2013	2	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/14/2013	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/14/2013	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/14/2013	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	O-Xylene	95-47-6	ug/L	3/14/2013	1	n/a	ND	
MW-1	d	M&P-Xylene	179601-23-1	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	3/14/2013	0.006	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/14/2013	n/a	n/a		0.0735
MW-2AR	d	Barium	7440-39-3	mg/L	3/14/2013	n/a	n/a		1.17
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/14/2013	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/14/2013	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/14/2013	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/14/2013	n/a	n/a		0.00241
MW-2AR	d	Copper	7440-50-8	mg/L	3/14/2013	0.02	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/14/2013	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/14/2013	0.05	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	3/14/2013	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/14/2013	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/14/2013	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/14/2013	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	3/14/2013	n/a	n/a		0.046
MW-2AR	d	Mercury	7439-97-6	mg/L	3/14/2013	0.0002	n/a	ND	
MW-2AR	d	Tin	7440-31-5	mg/L	3/14/2013	0.1	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/14/2013	n/a	n/a		2.54
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/14/2013	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/14/2013	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/14/2013	n/a	n/a		1.2
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/14/2013	n/a	n/a		8.31
MW-2AR	d	Chloroform	67-66-3	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/14/2013	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/14/2013	0.12	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/14/2013	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/14/2013	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/14/2013	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/14/2013	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/14/2013	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/14/2013	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/14/2013	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/14/2013	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,1-Dichloropropene	563-58-6	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/14/2013	5	n/a	ND	
MW-2AR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,3-Dichloropropane	142-28-9	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	1,4-Naphthoquinone	130-15-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	1,4-Phenylenediamine	106-50-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	1-Naphthylamine	134-32-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2,2-Dichloropropane	594-20-7	ug/L	3/14/2013	4	n/a	ND	
MW-2AR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2,4,5-T [2C]	93-76-5	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2,4-D [2C]	94-75-7	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	2,4-Dichlorophenol	120-83-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2,4-Dimethylphenol	105-67-9	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2,4-Dinitrophenol	51-28-5	ug/L	3/14/2013	20	n/a	ND	
MW-2AR	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2,6-Dichlorophenol	87-65-0	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2-Acetylaminofluorene	53-96-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2-Chloronaphthalene	91-58-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2-Chlorophenol	95-57-8	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2-Methylnaphthalene	91-57-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2-Methylphenol	95-48-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2-Naphthylamine	91-59-8	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2-Nitroaniline	88-74-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2-Nitrophenol	88-75-5	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/14/2013	50	n/a	ND	
MW-2AR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	3/4-Methylphenol	T-34MP	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	3-Methylcholanthrene	56-49-5	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	3-Nitroaniline	99-09-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	4,4'-DDD	72-54-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	4,4'-DDE	72-55-9	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	4,4'-DDT	50-29-3	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	4-Aminobiphenyl	92-67-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	4-Chloroaniline	106-47-8	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	4-Nitroaniline	100-01-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	4-Nitrophenol	100-02-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Acenaphthene	83-32-9	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Acenaphthylene	208-96-8	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Acetonitrile	75-05-8	ug/L	3/14/2013	10000	n/a	ND	
MW-2AR	d	Acetophenone	98-86-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Acrolein	107-02-8	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Aldrin	309-00-2	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	3-Chloropropene	107-05-1	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	alpha-BHC	319-84-6	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Anthracene	120-12-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Benzo [a] anthracene	56-55-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Benzo [a] pyrene	50-32-8	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Benzyl alcohol	100-51-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	beta-BHC	319-85-7	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Butyl benzyl phthalate	85-68-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Chlordane	57-74-9	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	Chlorobenzilate	510-15-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Chloroprene	126-99-8	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Chrysene	218-01-9	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Cyanide	57-12-5	mg/L	3/14/2013	0.01	n/a	ND	
MW-2AR	d	delta-BHC	319-86-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Diallate [cis or trans]	2303-16-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Dibenzofuran	132-64-9	ug/L	3/14/2013	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Dichlorodifluoromethane	75-71-8	ug/L	3/14/2013	3	n/a	ND	
MW-2AR	d	Dieldrin	60-57-1	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Diethyl phthalate	84-66-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Dimethoate	60-51-5	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Dimethyl phthalate	131-11-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Di-n-butyl phthalate	84-74-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Di-n-octyl phthalate	117-84-0	ug/L	3/14/2013	20	n/a	ND	
MW-2AR	d	Dinoseb	88-85-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Diphenylamine	122-39-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Disulfoton	298-04-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Endosulfan I	959-98-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Endosulfan II	33213-65-9	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Endosulfan sulfate	1031-07-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Endrin	72-20-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Endrin aldehyde	7421-93-4	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Ethyl Methacrylate	97-63-2	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Famphur	52-85-7	ug/L	3/14/2013	20	n/a	ND	
MW-2AR	d	Fluoranthene	206-44-0	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Fluorene	86-73-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	gamma-BHC [Lindane]	58-89-9	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Heptachlor	76-44-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Heptachlor epoxide	1024-57-3	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Hexachlorobenzene	118-74-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Hexachlorobutadiene	87-68-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/14/2013	20	n/a	ND	
MW-2AR	d	Hexachloroethane	67-72-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Hexachloropropene	1888-71-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Isobutanol	78-83-1	mg/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Isodrin	465-73-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Isophorone	78-59-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Isosafrole	120-58-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Kepone	143-50-0	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Methacrylonitrile	126-98-7	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Methapyriline	91-80-5	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Methoxychlor	72-43-5	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	Methyl Methacrylate	80-62-6	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	Methyl Methanesulfonate	66-27-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Naphthalene	91-20-3	ug/L	3/14/2013	5	n/a	ND	
MW-2AR	d	Nitrobenzene	98-95-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	N-Nitrosopiperidine	100-75-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	o-Toluidine	95-53-4	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Parathion-ethyl	56-38-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Parathion-methyl	298-00-0	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	PCB-1016	12674-11-2	ug/L	3/14/2013	0.8	n/a	ND	
MW-2AR	d	PCB-1221	11104-28-2	ug/L	3/14/2013	0.8	n/a	ND	
MW-2AR	d	PCB-1232	11141-16-5	ug/L	3/14/2013	0.8	n/a	ND	
MW-2AR	d	PCB-1242	53469-21-9	ug/L	3/14/2013	0.8	n/a	ND	
MW-2AR	d	PCB-1248	12672-29-6	ug/L	3/14/2013	0.8	n/a	ND	
MW-2AR	d	PCB-1254	11097-69-1	ug/L	3/14/2013	0.8	n/a	ND	
MW-2AR	d	PCB-1260	11096-82-5	ug/L	3/14/2013	0.8	n/a	ND	
MW-2AR	d	Pentachlorobenzene	608-93-5	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Pentachloronitrobenzene	82-68-8	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Phenacetin	62-44-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Phenanthrene	85-01-8	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Phenol	108-95-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Phorate	298-02-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Pronamide	23950-58-5	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Propionitrile	107-12-0	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Pyrene	129-00-0	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Safrole	94-59-7	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Sulfide	18496-25-8	mg/L	3/14/2013	1	n/a	ND	
MW-2AR	d	Thionazin	297-97-2	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Toxaphene	8001-35-2	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/14/2013	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/14/2013	1	n/a	ND	
MW-2AR	d	O-Xylene	95-47-6	ug/L	3/14/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	M&P-Xylene	179601-23-1	ug/L	3/14/2013	2	n/a	ND	
MW-2AR	d	alpha-Chlordane	5103-71-9	ug/L	3/14/2013	0.032	n/a	ND	
MW-2AR	d	gamma-Chlordane	5566-34-7	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	3/14/2013	0.006	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	3/14/2013	n/a	n/a		0.0149
MW-2BR	d	Barium	7440-39-3	mg/L	3/14/2013	n/a	n/a		0.69
MW-2BR	d	Beryllium	7440-41-7	mg/L	3/14/2013	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	3/14/2013	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	3/14/2013	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	3/14/2013	0.00132	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	3/14/2013	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	3/14/2013	0.004	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	3/14/2013	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	3/14/2013	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	3/14/2013	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	3/14/2013	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	3/14/2013	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	3/14/2013	n/a	n/a		0.0299
MW-2BR	d	Mercury	7439-97-6	mg/L	3/14/2013	0.0002	n/a	ND	
MW-2BR	d	Tin	7440-31-5	mg/L	3/14/2013	0.1	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	3/14/2013	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	3/14/2013	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	3/14/2013	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	3/14/2013	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	3/14/2013	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	3/14/2013	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/14/2013	0.12	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/14/2013	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2013	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/14/2013	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/14/2013	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	3/14/2013	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	3/14/2013	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	3/14/2013	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	3/14/2013	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	3/14/2013	2	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	3/14/2013	3	n/a	ND	
MW-2BR	d	1,1-Dichloropropene	563-58-6	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/14/2013	5	n/a	ND	
MW-2BR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,3-Dichloropropane	142-28-9	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	1,4-Naphthoquinone	130-15-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	1,4-Phenylenediamine	106-50-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	1-Naphthylamine	134-32-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2,2-Dichloropropane	594-20-7	ug/L	3/14/2013	4	n/a	ND	
MW-2BR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2,4,5-T [2C]	93-76-5	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/14/2013	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	2,4-D [2C]	94-75-7	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	2,4-Dichlorophenol	120-83-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2,4-Dimethylphenol	105-67-9	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2,4-Dinitrophenol	51-28-5	ug/L	3/14/2013	20	n/a	ND	
MW-2BR	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2,6-Dichlorophenol	87-65-0	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2-Acetylaminofluorene	53-96-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2-Chloronaphthalene	91-58-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2-Chlorophenol	95-57-8	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2-Methylnaphthalene	91-57-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2-Methylphenol	95-48-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2-Naphthylamine	91-59-8	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2-Nitroaniline	88-74-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2-Nitrophenol	88-75-5	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/14/2013	50	n/a	ND	
MW-2BR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	3/4-Methylphenol	T-34MP	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	3-Methylcholanthrene	56-49-5	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	3-Nitroaniline	99-09-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	4,4'-DDD	72-54-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	4,4'-DDE	72-55-9	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	4,4'-DDT	50-29-3	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	4-Aminobiphenyl	92-67-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	4-Chloroaniline	106-47-8	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	4-Nitroaniline	100-01-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	4-Nitrophenol	100-02-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Acenaphthene	83-32-9	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Acenaphthylene	208-96-8	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Acetonitrile	75-05-8	ug/L	3/14/2013	10000	n/a	ND	
MW-2BR	d	Acetophenone	98-86-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Acrolein	107-02-8	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Aldrin	309-00-2	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	3-Chloropropene	107-05-1	ug/L	3/14/2013	2	n/a	ND	
MW-2BR	d	alpha-BHC	319-84-6	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Anthracene	120-12-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Benzo [a] anthracene	56-55-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Benzo [a] pyrene	50-32-8	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Benzyl alcohol	100-51-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	beta-BHC	319-85-7	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Butyl benzyl phthalate	85-68-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Chlordane	57-74-9	ug/L	3/14/2013	2	n/a	ND	
MW-2BR	d	Chlorobenzilate	510-15-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Chloroprene	126-99-8	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Chrysene	218-01-9	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Cyanide	57-12-5	mg/L	3/14/2013	0.01	n/a	ND	
MW-2BR	d	delta-BHC	319-86-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Diallate [cis or trans]	2303-16-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Dibenzofuran	132-64-9	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Dichlorodifluoromethane	75-71-8	ug/L	3/14/2013	3	n/a	ND	
MW-2BR	d	Dieldrin	60-57-1	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Diethyl phthalate	84-66-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Dimethoate	60-51-5	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Dimethyl phthalate	131-11-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Di-n-butyl phthalate	84-74-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Di-n-octyl phthalate	117-84-0	ug/L	3/14/2013	20	n/a	ND	
MW-2BR	d	Dinoseb	88-85-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Diphenylamine	122-39-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Disulfoton	298-04-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Endosulfan I	959-98-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Endosulfan II	33213-65-9	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Endosulfan sulfate	1031-07-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Endrin	72-20-8	ug/L	3/14/2013	0.032	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	Endrin aldehyde	7421-93-4	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Ethyl Methacrylate	97-63-2	ug/L	3/14/2013	2	n/a	ND	
MW-2BR	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Famphur	52-85-7	ug/L	3/14/2013	20	n/a	ND	
MW-2BR	d	Fluoranthene	206-44-0	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Fluorene	86-73-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	gamma-BHC [Lindane]	58-89-9	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Heptachlor	76-44-8	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Heptachlor epoxide	1024-57-3	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Hexachlorobenzene	118-74-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Hexachlorobutadiene	87-68-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/14/2013	20	n/a	ND	
MW-2BR	d	Hexachloroethane	67-72-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Hexachloropropene	1888-71-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Isobutanol	78-83-1	mg/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Isodrin	465-73-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Isophorone	78-59-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Isosafrole	120-58-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Kepone	143-50-0	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Methacrylonitrile	126-98-7	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Methapyrilene	91-80-5	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Methoxychlor	72-43-5	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	Methyl Methacrylate	80-62-6	ug/L	3/14/2013	2	n/a	ND	
MW-2BR	d	Methyl Methanesulfonate	66-27-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Naphthalene	91-20-3	ug/L	3/14/2013	5	n/a	ND	
MW-2BR	d	Nitrobenzene	98-95-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	N-Nitrosopiperidine	100-75-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	o-Toluidine	95-53-4	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Parathion-ethyl	56-38-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Parathion-methyl	298-00-0	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	PCB-1016	12674-11-2	ug/L	3/14/2013	0.8	n/a	ND	
MW-2BR	d	PCB-1221	11104-28-2	ug/L	3/14/2013	0.8	n/a	ND	
MW-2BR	d	PCB-1232	11141-16-5	ug/L	3/14/2013	0.8	n/a	ND	
MW-2BR	d	PCB-1242	53469-21-9	ug/L	3/14/2013	0.8	n/a	ND	
MW-2BR	d	PCB-1248	12672-29-6	ug/L	3/14/2013	0.8	n/a	ND	
MW-2BR	d	PCB-1254	11097-69-1	ug/L	3/14/2013	0.8	n/a	ND	
MW-2BR	d	PCB-1260	11096-82-5	ug/L	3/14/2013	0.8	n/a	ND	
MW-2BR	d	Pentachlorobenzene	608-93-5	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Pentachloronitrobenzene	82-68-8	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Phenacetin	62-44-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Phenanthrene	85-01-8	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Phenol	108-95-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Phorate	298-02-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Pronamide	23950-58-5	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Propionitrile	107-12-0	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Pyrene	129-00-0	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Safrole	94-59-7	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Sulfide	18496-25-8	mg/L	3/14/2013	1	n/a	ND	
MW-2BR	d	Thionazin	297-97-2	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Toxaphene	8001-35-2	ug/L	3/14/2013	2	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/14/2013	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	O-Xylene	95-47-6	ug/L	3/14/2013	1	n/a	ND	
MW-2BR	d	M&P-Xylene	179601-23-1	ug/L	3/14/2013	2	n/a	ND	
MW-2BR	d	alpha-Chlordane	5103-71-9	ug/L	3/14/2013	0.032	n/a	ND	
MW-2BR	d	gamma-Chlordane	5566-34-7	ug/L	3/14/2013	0.032	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	3/14/2013	0.006	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	3/14/2013	n/a	n/a		0.00609
MW-3	d	Barium	7440-39-3	mg/L	3/14/2013	n/a	n/a		0.169
MW-3	d	Beryllium	7440-41-7	mg/L	3/14/2013	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/14/2013	n/a	n/a		0.000862
MW-3	d	Chromium	7440-47-3	mg/L	3/14/2013	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	3/14/2013	n/a	n/a		0.00344
MW-3	d	Copper	7440-50-8	mg/L	3/14/2013	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	3/14/2013	n/a	n/a		0.0121
MW-3	d	Nickel	7440-02-0	mg/L	3/14/2013	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	3/14/2013	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/14/2013	0.02	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Thallium	7440-28-0	mg/L	3/14/2013	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/14/2013	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	3/14/2013	n/a	n/a		0.0562
MW-3	d	Acetone	67-64-1	ug/L	3/14/2013	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/14/2013	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/14/2013	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/14/2013	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/14/2013	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/14/2013	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/14/2013	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/14/2013	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/14/2013	0.12	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/14/2013	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/14/2013	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/14/2013	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/14/2013	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/14/2013	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	3/14/2013	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/14/2013	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/14/2013	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/14/2013	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/14/2013	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/14/2013	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/14/2013	2	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/14/2013	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	3/14/2013	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/14/2013	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	O-Xylene	95-47-6	ug/L	3/14/2013	1	n/a	ND	
MW-3	d	M&P-Xylene	179601-23-1	ug/L	3/14/2013	2	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	3/14/2013	0.006	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/14/2013	0.001	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/14/2013	n/a	n/a		0.183
MW-6A	u	Beryllium	7440-41-7	mg/L	3/14/2013	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/14/2013	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	3/14/2013	0.02	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/14/2013	0.00132	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	3/14/2013	0.02	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	3/14/2013	0.004	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	3/14/2013	0.05	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	3/14/2013	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/14/2013	0.02	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/14/2013	0.002	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/14/2013	0.05	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/14/2013	n/a	n/a		0.0395
MW-6B	u	Antimony	7440-36-0	mg/L	3/14/2013	0.006	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	3/14/2013	0.006	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	3/14/2013	0.001	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	3/14/2013	0.001	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	3/14/2013	n/a	n/a		0.0365
MW-6B	u	Barium	7440-39-3	mg/L	3/14/2013	n/a	n/a		0.043
MW-6B	u	Beryllium	7440-41-7	mg/L	3/14/2013	0.001	n/a	ND	
MW-6B	u	Beryllium	7440-41-7	mg/L	3/14/2013	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	3/14/2013	0.0005	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	3/14/2013	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	3/14/2013	0.02	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	3/14/2013	0.02	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	Cobalt	7440-48-4	mg/L	3/14/2013	n/a	n/a		0.00478
MW-6B	u	Cobalt	7440-48-4	mg/L	3/14/2013	n/a	n/a		0.00279
MW-6B	u	Copper	7440-50-8	mg/L	3/14/2013	0.02	n/a	ND	
MW-6B	u	Copper	7440-50-8	mg/L	3/14/2013	0.02	n/a	ND	
MW-6B	u	Lead	7439-92-1	mg/L	3/14/2013	0.004	n/a	ND	
MW-6B	u	Lead	7439-92-1	mg/L	3/14/2013	0.004	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	3/14/2013	0.05	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	3/14/2013	0.05	n/a	ND	
MW-6B	u	Selenium	7782-49-2	mg/L	3/14/2013	0.005	n/a	ND	
MW-6B	u	Selenium	7782-49-2	mg/L	3/14/2013	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	3/14/2013	0.02	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	3/14/2013	0.02	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	3/14/2013	0.002	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	3/14/2013	0.002	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	3/14/2013	0.05	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	3/14/2013	0.05	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	3/14/2013	n/a	n/a		0.0491
MW-6B	u	Zinc	7440-66-6	mg/L	3/14/2013	n/a	n/a		0.0644
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/14/2013	10	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	5/14/2013	n/a	n/a		0.0293
MW-19	d	Nickel	7440-02-0	mg/L	5/14/2013	0.05	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	8/15/2013	n/a	n/a	J	0.0219
MW-14	d	Antimony	7440-36-0	mg/L	8/15/2013	n/a	n/a	J	0.00136
MW-14	d	Arsenic	7440-38-2	mg/L	8/15/2013	n/a	n/a		0.0221
MW-14	d	Barium	7440-39-3	mg/L	8/15/2013	n/a	n/a		0.262
MW-14	d	Beryllium	7440-41-7	mg/L	8/15/2013	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	8/15/2013	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	8/15/2013	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	8/15/2013	n/a	n/a		0.00245
MW-14	d	Copper	7440-50-8	mg/L	8/15/2013	n/a	n/a	J	0.00175
MW-14	d	Lead	7439-92-1	mg/L	8/15/2013	n/a	n/a		0.00419
MW-14	d	Nickel	7440-02-0	mg/L	8/15/2013	n/a	n/a	J	0.00305
MW-14	d	Selenium	7782-49-2	mg/L	8/15/2013	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	8/15/2013	n/a	n/a	J	0.00672
MW-14	d	Thallium	7440-28-0	mg/L	8/15/2013	n/a	n/a		0.00756
MW-14	d	Vanadium	7440-62-2	mg/L	8/15/2013	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	8/15/2013	n/a	n/a		0.104
MW-14	d	Acetone	67-64-1	ug/L	8/15/2013	n/a	n/a	J	3.66
MW-14	d	Acrylonitrile	107-13-1	ug/L	8/15/2013	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	8/15/2013	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	8/15/2013	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	8/15/2013	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	8/15/2013	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	8/15/2013	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	8/15/2013	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	8/15/2013	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/15/2013	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/15/2013	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/15/2013	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	8/15/2013	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	8/15/2013	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	8/15/2013	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	8/15/2013	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	8/15/2013	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	8/15/2013	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	8/15/2013	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	8/15/2013	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	8/15/2013	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	8/15/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Trichloroethene	79-01-6	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	8/15/2013	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	8/15/2013	2	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	8/15/2013	3	n/a	ND	
MW-14	d	Mercury	7439-97-6	mg/L	8/15/2013	0.0002	n/a	ND	
MW-14	d	Tin	7440-31-5	mg/L	8/15/2013	0.1	n/a	ND	
MW-14	d	Acrolein	107-02-8	ug/L	8/15/2013	10	n/a	ND	
MW-14	d	3-Chloropropene	107-05-1	ug/L	8/15/2013	2	n/a	ND	
MW-14	d	Chloroprene	126-99-8	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Dichlorodifluoromethane	75-71-8	ug/L	8/15/2013	3	n/a	ND	
MW-14	d	1,3-Dichloropropane	142-28-9	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	2,2-Dichloropropane	594-20-7	ug/L	8/15/2013	4	n/a	ND	
MW-14	d	1,1-Dichloropropene	563-58-6	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	1,3-Dichlorobenzene	541-73-1	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Ethyl Methacrylate	97-63-2	ug/L	8/15/2013	2	n/a	ND	
MW-14	d	Methacrylonitrile	126-98-7	ug/L	8/15/2013	1	n/a	ND	
MW-14	d	Methyl Methacrylate	80-62-6	ug/L	8/15/2013	2	n/a	ND	
MW-14	d	Naphthalene	91-20-3	ug/L	8/15/2013	5	n/a	ND	
MW-14	d	Propionitrile	107-12-0	ug/L	8/15/2013	10	n/a	ND	
MW-14	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	8/15/2013	5	n/a	ND	
MW-14	d	Acenaphthene	83-32-9	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Acenaphthylene	208-96-8	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Acetophenone	98-86-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2-Acetylaminofluorene	93-96-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	4-Aminobiphenyl	92-67-1	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Anthracene	120-12-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Benzo [a] anthracene	56-55-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Benzo [b] fluoranthene	205-99-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Benzo [k] fluoranthene	207-08-9	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Benzo [g,h,i] perylene	191-24-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Benzo [a] pyrene	50-32-8	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Benzyl alcohol	100-51-6	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	8/15/2013	n/a	n/a	J	0.442
MW-14	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Butyl benzyl phthalate	85-68-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	4-Chloroaniline	106-47-8	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Chlorobenzilate	510-15-6	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	4-Chloro-3-methylphenol	59-50-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2-Chloronaphthalene	91-58-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2-Chlorophenol	95-57-8	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Chrysene	218-01-9	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	3/4-Methylphenol	T-34MP	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2-Methylphenol	95-48-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Diallate [cis or trans]	2303-16-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Dibenz [a,h] anthracene	53-70-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Dibenzofuran	132-64-9	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Di-n-butyl phthalate	84-74-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	3,3-Dichlorobenzidine	91-94-1	ug/L	8/15/2013	55.6	n/a	ND	
MW-14	d	2,4-Dichlorophenol	120-83-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2,6-Dichlorophenol	87-65-0	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Diethyl phthalate	84-66-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Thionazin	297-97-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Dimethoate	60-51-5	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Dimethylaminoazobenzene	60-11-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	3,3-Dimethylbenzidine	119-93-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2,4-Dimethylphenol	105-67-9	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Dimethyl phthalate	131-11-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	1,3-Dinitrobenzene	99-65-0	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2,4-Dinitrophenol	51-28-5	ug/L	8/15/2013	22.2	n/a	ND	
MW-14	d	2,4-Dinitrotoluene	121-14-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2,6-Dinitrotoluene	606-20-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Di-n-octyl phthalate	117-84-0	ug/L	8/15/2013	22.2	n/a	ND	
MW-14	d	Diphenylamine	122-39-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Disulfoton	298-04-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Ethyl Methanesulfonate	62-50-0	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Famphur	52-85-7	ug/L	8/15/2013	22.2	n/a	ND	
MW-14	d	Fluoranthene	206-44-0	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Fluorene	86-73-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Hexachlorobenzene	118-74-1	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Hexachlorobutadiene	87-68-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Hexachlorocyclopentadiene	77-47-4	ug/L	8/15/2013	22.2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Hexachloroethane	67-72-1	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Hexachloropropene	1888-71-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Isodrin	465-73-6	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Isophorone	78-59-1	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Isosafrole	120-58-1	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Kepone	143-50-0	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Methapyrilene	91-80-5	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	3-Methylcholanthrene	56-49-5	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Methyl Methanesulfonate	66-27-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2-Methylnaphthalene	91-57-6	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Parathion-Methyl	298-00-0	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	1,4-Naphthoquinone	130-15-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	1-Naphthylamine	134-32-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2-Naphthylamine	91-59-8	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2-Nitroaniline	88-74-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	3-Nitroaniline	99-09-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	4-Nitroaniline	100-01-6	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Nitrobenzene	98-95-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2-Nitrophenol	88-75-5	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	4-Nitrophenol	100-02-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	N-Nitrosodiethylamine	55-18-5	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	N-Nitrosodimethylamine	62-75-9	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	N-Nitrosodiphenylamine	86-30-6	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	N-Nitrosopiperidine	100-75-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	N-Nitrosopyrrolidine	930-55-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	5-Nitro-o-toluidine	99-55-8	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Parathion-Ethyl	56-38-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Pentachlorobenzene	608-93-5	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Pentachloronitrobenzene	82-68-8	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Pentachlorophenol [2C]	87-86-5	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Phenacetin	62-44-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Phenanthrene	85-01-8	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Phenol	108-95-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	1,4-Phenylenediamine	106-50-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Phorate	298-02-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Pronamide	23950-58-5	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Pyrene	129-00-0	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Safrole	94-59-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	o-Toluidine	95-53-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2,4,5-Trichlorophenol	95-95-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	2,4,6-Trichlorophenol	88-06-2	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Dinoseb	88-85-7	ug/L	8/15/2013	11.1	n/a	ND	
MW-14	d	Acetonitrile	75-05-8	ug/L	8/15/2013	10000	n/a	ND	
MW-14	d	Isobutanol	78-83-1	mg/L	8/15/2013	10	n/a	ND	
MW-14	d	PCB-1016	12674-11-2	ug/L	8/15/2013	0.86	n/a	ND	
MW-14	d	PCB-1221	11104-28-2	ug/L	8/15/2013	0.86	n/a	ND	
MW-14	d	PCB-1232	11141-16-5	ug/L	8/15/2013	0.86	n/a	ND	
MW-14	d	PCB-1242	53469-21-9	ug/L	8/15/2013	0.86	n/a	ND	
MW-14	d	PCB-1248	12672-29-6	ug/L	8/15/2013	0.86	n/a	ND	
MW-14	d	PCB-1254	11097-69-1	ug/L	8/15/2013	0.86	n/a	ND	
MW-14	d	PCB-1260	11096-82-5	ug/L	8/15/2013	0.86	n/a	ND	
MW-14	d	Cyanide	57-12-5	mg/L	8/15/2013	0.01	n/a	ND	
MW-14	d	Sulfide	18496-25-8	mg/L	8/15/2013	1	n/a	ND	
MW-14	d	2,4-D [2C]	94-75-7	ug/L	8/15/2013	1.05	n/a	ND	
MW-14	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	8/15/2013	1.05	n/a	ND	
MW-14	d	2,4,5-T [2C]	93-76-5	ug/L	8/15/2013	1.05	n/a	ND	
MW-14	d	Alpha-BHC	319-84-6	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	8/15/2013	n/a	n/a	J	0.00857
MW-14	d	Dieldrin	60-57-1	ug/L	8/15/2013	n/a	n/a	J	0.00291
MW-14	d	4,4'-DDE	72-55-9	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Delta-BHC	319-86-8	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Endrin	72-20-8	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Gamma-BHC [Lindane]	58-89-9	ug/L	8/15/2013	n/a	n/a	J	0.00654
MW-14	d	Endosulfan II	33213-65-9	ug/L	8/15/2013	n/a	n/a	J	0.0024
MW-14	d	Heptachlor	76-44-8	ug/L	8/15/2013	n/a	n/a	J	0.00296
MW-14	d	4,4'-DDD	72-54-8	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Aldrin	309-00-2	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Endosulfan sulfate	1031-07-8	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Heptachlor Epoxide	1024-57-3	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	4,4'-DDT	50-29-3	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Endosulfan I	959-98-8	ug/L	8/15/2013	0.0348	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Methoxychlor	72-43-5	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Toxaphene	8001-35-2	ug/L	8/15/2013	2.17	n/a	ND	
MW-14	d	Endrin aldehyde	7421-93-4	ug/L	8/15/2013	0.0348	n/a	ND	
MW-14	d	Chlordane	57-74-9	ug/L	8/15/2013	2.17	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00235
MW-1	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00192
MW-1	d	Arsenic	7440-38-2	mg/L	9/12/2013	n/a	n/a		0.0059
MW-1	d	Arsenic	7440-38-2	mg/L	9/12/2013	n/a	n/a		0.00528
MW-1	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.139
MW-1	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.149
MW-1	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-1	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/12/2013	n/a	n/a		0.000575
MW-1	d	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-1	d	Copper	7440-50-8	mg/L	9/12/2013	n/a	n/a	J	0.0105
MW-1	d	Copper	7440-50-8	mg/L	9/12/2013	n/a	n/a	J	0.00429
MW-1	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/12/2013	0.05	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/12/2013	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0522
MW-1	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0609
MW-1	d	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/12/2013	n/a	n/a	J	4.38
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00418
MW-12	d	Arsenic	7440-38-2	mg/L	9/12/2013	0.001	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.0686
MW-12	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	9/12/2013	n/a	n/a	J	0.00152
MW-12	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/12/2013	n/a	n/a	J	0.00684
MW-12	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	9/12/2013	n/a	n/a	J	0.000716
MW-12	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0628
MW-12	d	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00147
MW-13	d	Arsenic	7440-38-2	mg/L	9/12/2013	n/a	n/a		0.0653
MW-13	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.28
MW-13	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	9/12/2013	n/a	n/a		0.0158
MW-13	d	Copper	7440-50-8	mg/L	9/12/2013	n/a	n/a	J	0.00282
MW-13	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	9/12/2013	n/a	n/a	J	0.0268
MW-13	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0613
MW-13	d	Acetone	67-64-1	ug/L	9/12/2013	n/a	n/a	J	2.55
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/12/2013	n/a	n/a	J	0.281
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/12/2013	n/a	n/a	J	1.2
MW-13	d	Sulfide	18496-25-8	mg/L	9/12/2013	1	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	9/12/2013	n/a	n/a	J	0.029
MW-13	d	O-Xylene	95-47-6	ug/L	9/12/2013	1	n/a	ND	
MW-13	d	M&P-Xylene	179601-23-1	ug/L	9/12/2013	2	n/a	ND	
MW-14	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00169
MW-14	d	Arsenic	7440-38-2	mg/L	9/12/2013	n/a	n/a		0.0259
MW-14	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.266
MW-14	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-14	d	Copper	7440-50-8	mg/L	9/12/2013	n/a	n/a	J	0.00159
MW-14	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	9/12/2013	0.05	n/a	ND	
MW-14	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0675
MW-14	d	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	9/12/2013	n/a	n/a	J	0.167
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Vinyl Acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00163
MW-15	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00246
MW-15	d	Arsenic	7440-38-2	mg/L	9/12/2013	0.001	n/a	ND	
MW-15	d	Arsenic	7440-38-2	mg/L	9/12/2013	n/a	n/a	J	0.000196
MW-15	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.0243
MW-15	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.0243
MW-15	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-15	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-15	d	Copper	7440-50-8	mg/L	9/12/2013	0.02	n/a	ND	
MW-15	d	Copper	7440-50-8	mg/L	9/12/2013	0.02	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	9/12/2013	n/a	n/a	J	0.00259
MW-15	d	Nickel	7440-02-0	mg/L	9/12/2013	n/a	n/a	J	0.00359
MW-15	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.067
MW-15	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0681
MW-15	d	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00131
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/12/2013	n/a	n/a		0.0618
MW-2AR	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		1.41
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-2AR	d	Copper	7440-50-8	mg/L	9/12/2013	0.02	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/12/2013	n/a	n/a	J	0.00207
MW-2AR	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0692
MW-2AR	d	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/12/2013	n/a	n/a		3.21
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	n/a	n/a	J	0.482
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/12/2013	n/a	n/a		9.63
MW-2AR	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	n/a	n/a	J	0.58

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	n/a	n/a	J	0.336
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	n/a	n/a	J	0.338
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00132
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/12/2013	n/a	n/a		0.0163
MW-2BR	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.692
MW-2BR	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	9/12/2013	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	9/12/2013	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0622
MW-2BR	d	Acetone	67-64-1	ug/L	9/12/2013	n/a	n/a	J	2.55
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00275
MW-3	d	Arsenic	7440-38-2	mg/L	9/12/2013	n/a	n/a		0.00254
MW-3	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.169
MW-3	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/12/2013	n/a	n/a		0.000579
MW-3	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-3	d	Copper	7440-50-8	mg/L	9/12/2013	n/a	n/a	J	0.00204
MW-3	d	Lead	7439-92-1	mg/L	9/12/2013	n/a	n/a	J	0.00173
MW-3	d	Nickel	7440-02-0	mg/L	9/12/2013	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0671
MW-3	d	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	9/12/2013	0.006	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/12/2013	0.001	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.234

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	9/12/2013	n/a	n/a	J	0.00156
MW-6A	u	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	9/12/2013	n/a	n/a	J	0.00965
MW-6A	u	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	9/12/2013	0.05	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0572
MW-6A	u	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00345
MW-6B	u	Arsenic	7440-38-2	mg/L	9/12/2013	0.001	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.0305
MW-6B	u	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-6B	u	Copper	7440-50-8	mg/L	9/12/2013	n/a	n/a	J	0.00286
MW-6B	u	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	9/12/2013	n/a	n/a	J	0.0119
MW-6B	u	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	9/12/2013	0.002	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0681
MW-6B	u	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-6B	u	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-6B	u	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-6B	u	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-6B	u	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-6B	u	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-6B	u	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-6B	u	2-Butanone	78-93-3	ug/L	9/12/2013	n/a	n/a	J	1.11
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	9/12/2013	n/a	n/a	J	0.00369
MW-8R	d	Arsenic	7440-38-2	mg/L	9/12/2013	n/a	n/a		0.0191
MW-8R	d	Barium	7440-39-3	mg/L	9/12/2013	n/a	n/a		0.0307
MW-8R	d	Beryllium	7440-41-7	mg/L	9/12/2013	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/12/2013	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/12/2013	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/12/2013	0.00132	n/a	ND	
MW-8R	d	Copper	7440-50-8	mg/L	9/12/2013	0.02	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	9/12/2013	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	9/12/2013	n/a	n/a	J	0.00513
MW-8R	d	Selenium	7782-49-2	mg/L	9/12/2013	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/12/2013	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/12/2013	n/a	n/a	J	0.000567
MW-8R	d	Vanadium	7440-62-2	mg/L	9/12/2013	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/12/2013	n/a	n/a		0.0465
MW-8R	d	Acetone	67-64-1	ug/L	9/12/2013	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/12/2013	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/12/2013	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/12/2013	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/12/2013	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/12/2013	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2013	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/12/2013	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2013	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2013	0.12	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2013	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2013	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2013	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2013	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2013	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2013	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/12/2013	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/12/2013	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/12/2013	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/12/2013	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/12/2013	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2013	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2013	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/12/2013	2	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/12/2013	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/12/2013	3	n/a	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	11/26/2013	n/a	n/a		0.0827
MW-21	d	Arsenic	7440-38-2	mg/L	11/26/2013	n/a	n/a		0.00701
MW-23	u	Cobalt	7440-48-4	mg/L	11/26/2013	n/a	n/a		0.00558
MW-25	u	Cobalt	7440-48-4	mg/L	11/26/2013	0.00132	n/a	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	1/15/2014	0.00132	n/a	ND	
MW-25	u	Cobalt	7440-48-4	mg/L	1/15/2014	0.00132	n/a	ND	
MW-26	d	Arsenic	7440-38-2	mg/L	3/25/2014	n/a	n/a		0.0166
GDT-1	d	Antimony	7440-36-0	mg/L	3/25/2014	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	3/25/2014	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.22
GDT-1	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
GDT-1	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
GDT-1	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	3/25/2014	n/a	n/a	J	0.000877
GDT-1	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	3/25/2014	n/a	n/a		0.0281
GDT-1	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
GDT-1	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
GDT-1	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	3/25/2014	0.006	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/25/2014	n/a	n/a		0.0205
MW-1	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.175
MW-1	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/25/2014	n/a	n/a		0.00641
MW-1	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	3/25/2014	0.012	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/25/2014	0.002	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.0515
MW-12	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/25/2014	n/a	n/a	J	0.0000934
MW-12	d	Chromium	7440-47-3	mg/L	3/25/2014	n/a	n/a	J	0.00377
MW-12	d	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	3/25/2014	n/a	n/a	J	0.0127
MW-12	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	3/25/2014	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	3/25/2014	n/a	n/a		0.0254
MW-13	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.197
MW-13	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	3/25/2014	n/a	n/a		0.018
MW-13	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	3/25/2014	n/a	n/a	J	0.0273
MW-13	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	3/25/2014	n/a	n/a	J	3.06
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/25/2014	n/a	n/a	J	1.48
MW-13	d	Sulfide	18496-25-8	mg/L	3/25/2014	1	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	3/25/2014	n/a	n/a		0.06
MW-14	d	Antimony	7440-36-0	mg/L	3/25/2014	0.012	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	3/25/2014	n/a	n/a		0.0166
MW-14	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.116
MW-14	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	3/25/2014	n/a	n/a		0.00244
MW-14	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	3/25/2014	n/a	n/a	J	0.00883
MW-14	d	Selenium	7782-49-2	mg/L	3/25/2014	n/a	n/a	J	0.0014
MW-14	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	3/25/2014	0.012	n/a	ND	
MW-15	d	Antimony	7440-36-0	mg/L	3/25/2014	0.012	n/a	ND	
MW-15	d	Arsenic	7440-38-2	mg/L	3/25/2014	0.001	n/a	ND	
MW-15	d	Arsenic	7440-38-2	mg/L	3/25/2014	0.001	n/a	ND	
MW-15	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.0171
MW-15	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.0161
MW-15	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-15	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	3/25/2014	n/a	n/a	J	0.0000954
MW-15	d	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	3/25/2014	n/a	n/a	J	0.00359
MW-15	d	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
MW-15	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-15	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-15	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-15	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-22	u	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
MW-25	u	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	3/25/2014	0.006	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	3/25/2014	0.006	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/25/2014	n/a	n/a		0.0775
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/25/2014	n/a	n/a		0.0782
MW-2AR	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		1.76
MW-2AR	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		1.57
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/25/2014	n/a	n/a		0.0038
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/25/2014	n/a	n/a		0.00411
MW-2AR	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-2AR	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/25/2014	n/a	n/a		3.4
MW-2AR	d	Benzene	71-43-2	ug/L	3/25/2014	n/a	n/a		3.42
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	n/a	n/a		3.1
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	n/a	n/a		2.96
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/25/2014	n/a	n/a		14.2
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/25/2014	n/a	n/a		12.4
MW-2AR	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	n/a	n/a		1.69
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	3/25/2014	0.006	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	3/25/2014	n/a	n/a		0.0109
MW-2BR	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.702
MW-2BR	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	3/25/2014	0.006	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	3/25/2014	0.001	n/a	ND	
MW-3	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.164
MW-3	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/25/2014	n/a	n/a		0.000539
MW-3	d	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	3/25/2014	n/a	n/a		0.00267
MW-3	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-3	d	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-3	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	3/25/2014	0.006	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/25/2014	0.001	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.213
MW-6A	u	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	3/25/2014	n/a	n/a		0.0228
MW-6A	u	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/25/2014	n/a	n/a		0.0477
MW-6A	u	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-6A	u	1,2-Dibromomethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	3/25/2014	0.00674	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	3/25/2014	0.001	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.029
MW-6B	u	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	3/25/2014	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	3/25/2014	0.02	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	3/25/2014	0.00241	n/a	ND	
MW-6B	u	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	3/25/2014	0.05	n/a	ND	
MW-6B	u	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	3/25/2014	0.02	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-6B	u	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-6B	u	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-6B	u	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-6B	u	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-6B	u	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-6B	u	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-6B	u	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-6B	u	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	3/25/2014	0.012	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/25/2014	n/a	n/a		0.0152
MW-8R	d	Barium	7440-39-3	mg/L	3/25/2014	n/a	n/a		0.0129
MW-8R	d	Beryllium	7440-41-7	mg/L	3/25/2014	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/25/2014	n/a	n/a	J	0.0000774
MW-8R	d	Chromium	7440-47-3	mg/L	3/25/2014	n/a	n/a	J	0.00519
MW-8R	d	Cobalt	7440-48-4	mg/L	3/25/2014	n/a	n/a		0.00472
MW-8R	d	Copper	7440-50-8	mg/L	3/25/2014	0.02	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	3/25/2014	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	3/25/2014	n/a	n/a	J	0.0166
MW-8R	d	Selenium	7782-49-2	mg/L	3/25/2014	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/25/2014	n/a	n/a	J	0.00332
MW-8R	d	Thallium	7440-28-0	mg/L	3/25/2014	0.002	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/25/2014	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/25/2014	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	3/25/2014	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/25/2014	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/25/2014	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/25/2014	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/25/2014	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/25/2014	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/25/2014	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/25/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Chloroethane	75-00-3	ug/L	3/25/2014	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/25/2014	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/25/2014	0.12	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/25/2014	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/25/2014	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/25/2014	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/25/2014	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/25/2014	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/25/2014	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/25/2014	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/25/2014	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/25/2014	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/25/2014	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/25/2014	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/25/2014	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/25/2014	2	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/25/2014	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/25/2014	3	n/a	ND	
MW-22	u	Cobalt	7440-48-4	mg/L	6/10/2014	0.00241	n/a	ND	
MW-23	u	Cobalt	7440-48-4	mg/L	6/10/2014	0.00241	n/a	ND	
MW-24	u	Cobalt	7440-48-4	mg/L	6/10/2014	0.00241	n/a	ND	
MW-25	u	Cobalt	7440-48-4	mg/L	6/10/2014	0.00241	n/a	ND	
MW-26	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.031
MW-26	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		728
GDT-1	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	9/18/2014	0.001	n/a	ND	
GDT-1	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.346
GDT-1	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	9/18/2014	n/a	n/a		0.00591
GDT-1	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
GDT-1	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
GDT-1	d	Nickel	7440-02-0	mg/L	9/18/2014	n/a	n/a	J	0.0236
GDT-1	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	9/18/2014	n/a	n/a		0.0274
GDT-1	d	Acetone	67-64-1	ug/L	9/18/2014	n/a	n/a	J	1.95
GDT-1	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	9/18/2014	n/a	n/a	J	0.325
GDT-1	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	9/18/2014	n/a	n/a	J	1.34
GDT-1	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	n/a	n/a	J	0.666
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	n/a	n/a	J	0.833
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	n/a	n/a	J	0.226
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	9/18/2014	n/a	n/a	J	0.262
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	9/18/2014	n/a	n/a	J	0.168
GDT-1	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
GDT-1	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		12.5
MW-1	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.00202
MW-1	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.145
MW-1	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-1	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/18/2014	0.05	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-1	d	Mercury	7439-97-6	mg/L	9/18/2014	0.0002	n/a	ND	
MW-1	d	Tin	7440-31-5	mg/L	9/18/2014	0.1	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-1	d	1,1-Dichloropropene	563-58-6	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/18/2014	5	n/a	ND	
MW-1	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,3-Dichloropropane	142-28-9	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	1,4-Naphthoquinone	130-15-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	1,4-Phenylenediamine	106-50-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	1-Naphthylamine	134-32-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2,2-Dichloropropane	594-20-7	ug/L	9/18/2014	4	n/a	ND	
MW-1	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2,4,5-T [2C]	93-76-5	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2,4-D [2C]	94-75-7	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	2,4-Dichlorophenol	120-83-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2,4-Dimethylphenol	105-67-9	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2,4-Dinitrophenol	51-28-5	ug/L	9/18/2014	20	n/a	ND	
MW-1	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2,6-Dichlorophenol	87-65-0	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2-Acetylaminofluorene	53-96-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2-Chloronaphthalene	91-58-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2-Chlorophenol	95-57-8	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2-Methylnaphthalene	91-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2-Methylphenol	95-48-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2-Naphthylamine	91-59-8	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2-Nitroaniline	88-74-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2-Nitrophenol	88-75-5	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/18/2014	50	n/a	ND	
MW-1	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	3/4-Methylphenol	T-34MP	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	3-Methylcholanthrene	56-49-5	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	3-Nitroaniline	99-09-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	4,4'-DDD	72-54-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	4,4'-DDE	72-55-9	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	4,4'-DDT	50-29-3	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	4-Aminobiphenyl	92-67-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	4-Chloroaniline	106-47-8	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	4-Nitroaniline	100-01-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	4-Nitrophenol	100-02-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Acenaphthene	83-32-9	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Acenaphthylene	208-96-8	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Acetonitrile	75-05-8	ug/L	9/18/2014	10000	n/a	ND	
MW-1	d	Acetophenone	98-86-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Acrolein	107-02-8	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Aldrin	309-00-2	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	3-Chloropropene	107-05-1	ug/L	9/18/2014	2	n/a	ND	
MW-1	d	alpha-BHC	319-84-6	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Anthracene	120-12-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Benzo [a] anthracene	56-55-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Benzo [a] pyrene	50-32-8	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Benzyl alcohol	100-51-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	beta-BHC	319-85-7	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Butyl benzyl phthalate	85-68-7	ug/L	9/18/2014	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Chlordane	57-74-9	ug/L	9/18/2014	2	n/a	ND	
MW-1	d	Chlorobenzilate	510-15-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Chloroprene	126-99-8	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Chrysene	218-01-9	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Cyanide	57-12-5	mg/L	9/18/2014	0.01	n/a	ND	
MW-1	d	delta-BHC	319-86-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Diallate [cis or trans]	2303-16-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Dibenzofuran	132-64-9	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Dichlorodifluoromethane	75-71-8	ug/L	9/18/2014	3	n/a	ND	
MW-1	d	Dieldrin	60-57-1	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Diethyl phthalate	84-66-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Dimethoate	60-51-5	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Dimethyl phthalate	131-11-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Di-n-butyl phthalate	84-74-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Di-n-octyl phthalate	117-84-0	ug/L	9/18/2014	20	n/a	ND	
MW-1	d	Dinoseb	88-85-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Diphenylamine	122-39-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Disulfoton	298-04-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Endosulfan I	959-98-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Endosulfan II	33213-65-9	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Endosulfan sulfate	1031-07-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Endrin	72-20-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Endrin aldehyde	7421-93-4	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Ethyl Methacrylate	97-63-2	ug/L	9/18/2014	2	n/a	ND	
MW-1	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Famphur	52-85-7	ug/L	9/18/2014	20	n/a	ND	
MW-1	d	Fluoranthene	206-44-0	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Fluorene	86-73-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	gamma-BHC [Lindane]	58-89-9	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Heptachlor	76-44-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Heptachlor epoxide	1024-57-3	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Hexachlorobenzene	118-74-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Hexachlorobutadiene	87-68-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/18/2014	20	n/a	ND	
MW-1	d	Hexachloroethane	67-72-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Hexachloropropene	1888-71-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Isobutanol	78-83-1	mg/L	9/18/2014	10	n/a	ND	
MW-1	d	Isodrin	465-73-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Isophorone	78-59-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Isosafrole	120-58-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Kepone	143-50-0	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Methacrylonitrile	126-98-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Methapyrilene	91-80-5	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Methoxychlor	72-43-5	ug/L	9/18/2014	0.032	n/a	ND	
MW-1	d	Methyl Methacrylate	80-62-6	ug/L	9/18/2014	2	n/a	ND	
MW-1	d	Methyl Methanesulfonate	66-27-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Naphthalene	91-20-3	ug/L	9/18/2014	5	n/a	ND	
MW-1	d	Nitrobenzene	98-95-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	N-Nitrosopiperidine	100-75-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	o-Toluidine	95-53-4	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Parathion-ethyl	56-38-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Parathion-methyl	298-00-0	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	PCB-1016	12674-11-2	ug/L	9/18/2014	0.8	n/a	ND	
MW-1	d	PCB-1221	11104-28-2	ug/L	9/18/2014	0.8	n/a	ND	
MW-1	d	PCB-1232	11141-16-5	ug/L	9/18/2014	0.8	n/a	ND	
MW-1	d	PCB-1242	53469-21-9	ug/L	9/18/2014	0.8	n/a	ND	
MW-1	d	PCB-1248	12672-29-6	ug/L	9/18/2014	0.8	n/a	ND	
MW-1	d	PCB-1254	11097-69-1	ug/L	9/18/2014	0.8	n/a	ND	
MW-1	d	PCB-1260	11096-82-5	ug/L	9/18/2014	0.8	n/a	ND	
MW-1	d	Pentachlorobenzene	608-93-5	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Pentachloronitrobenzene	82-68-8	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Phenacetin	62-44-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Phenanthrene	85-01-8	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Phenol	108-95-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Phorate	298-02-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Pronamide	23950-58-5	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Propionitrile	107-12-0	ug/L	9/18/2014	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Pyrene	129-00-0	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Safrole	94-59-7	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Sulfide	18496-25-8	mg/L	9/18/2014	1	n/a	ND	
MW-1	d	Thionazin	297-97-2	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Toxaphene	8001-35-2	ug/L	9/18/2014	2	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	9/18/2014	5	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	9/18/2014	0.002	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.0601
MW-12	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/18/2014	n/a	n/a	J	0.000078
MW-12	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/18/2014	n/a	n/a	J	0.0334
MW-12	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	9/18/2014	1.88	n/a	ND	
MW-13	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.034
MW-13	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.228
MW-13	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	9/18/2014	n/a	n/a		0.0207

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	9/18/2014	n/a	n/a	J	0.0436
MW-13	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	9/18/2014	n/a	n/a	J	0.0149
MW-13	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	9/18/2014	1	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	9/18/2014	0.032	n/a	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		32
MW-14	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.0394
MW-14	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.405
MW-14	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-14	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	9/18/2014	n/a	n/a	J	0.0137
MW-14	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	9/18/2014	n/a	n/a	J	3.12
MW-14	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-14	d	Mercury	7439-97-6	mg/L	9/18/2014	0.0002	n/a	ND	
MW-14	d	Tin	7440-31-5	mg/L	9/18/2014	n/a	n/a		0.119
MW-14	d	Acrolein	107-02-8	ug/L	9/18/2014	10	n/a	ND	
MW-14	d	3-Chloropropene	107-05-1	ug/L	9/18/2014	2	n/a	ND	
MW-14	d	Chloroprene	126-99-8	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Dichlorodifluoromethane	75-71-8	ug/L	9/18/2014	3	n/a	ND	
MW-14	d	1,3-Dichloropropane	142-28-9	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	2,2-Dichloropropane	594-20-7	ug/L	9/18/2014	4	n/a	ND	
MW-14	d	1,1-Dichloropropene	563-58-6	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/18/2014	1	n/a	ND	
MW-14	d	Ethyl Methacrylate	97-63-2	ug/L	9/18/2014	2	n/a	ND	
MW-14	d	Methacrylonitrile	126-98-7	ug/L	9/18/2014	10	n/a	ND	
MW-14	d	Methyl Methacrylate	80-62-6	ug/L	9/18/2014	2	n/a	ND	
MW-14	d	Naphthalene	91-20-3	ug/L	9/18/2014	5	n/a	ND	
MW-14	d	Propionitrile	107-12-0	ug/L	9/18/2014	10	n/a	ND	
MW-14	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/18/2014	5	n/a	ND	
MW-14	d	Acenaphthene	83-32-9	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Acenaphthylene	208-96-8	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Acetophenone	98-86-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2-Acetylaminofluorene	53-96-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	4-Aminobiphenyl	92-67-1	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Anthracene	120-12-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Benzo [a] anthracene	56-55-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Benzo [a] pyrene	50-32-8	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Benzyl alcohol	100-51-6	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Butyl benzyl phthalate	85-68-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	4-Chloroaniline	106-47-8	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Chlorobenzilate	510-15-6	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/18/2014	10.2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	2-Chloronaphthalene	91-58-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2-Chlorophenol	95-57-8	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Chrysene	218-01-9	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	3/4-Methylphenol	T-34MP	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2-Methylphenol	95-48-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Diallate [cis or trans]	2303-16-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Dibenzofuran	132-64-9	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Di-n-butyl phthalate	84-74-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/18/2014	51	n/a	ND	
MW-14	d	2,4-Dichlorophenol	120-83-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2,6-Dichlorophenol	87-65-0	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Diethyl phthalate	84-66-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Thionazin	297-97-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Dimethoate	60-51-5	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2,4-Dimethylphenol	105-67-9	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Dimethyl phthalate	131-11-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2,4-Dinitrophenol	51-28-5	ug/L	9/18/2014	20.4	n/a	ND	
MW-14	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Di-n-octyl phthalate	117-84-0	ug/L	9/18/2014	20.4	n/a	ND	
MW-14	d	Diphenylamine	122-39-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Disulfoton	298-04-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Famphur	52-85-7	ug/L	9/18/2014	20.4	n/a	ND	
MW-14	d	Fluoranthene	206-44-0	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Fluorene	86-73-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Hexachlorobenzene	118-74-1	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Hexachlorobutadiene	87-68-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/18/2014	20.4	n/a	ND	
MW-14	d	Hexachloroethane	67-72-1	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Hexachloropropene	1888-71-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Isodrin	465-73-6	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Isophorone	78-59-1	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Isosafrole	120-58-1	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Kepone	143-50-0	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Methapyrilene	91-80-5	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	3-Methylcholanthrene	56-49-5	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Methyl Methanesulfonate	66-27-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2-Methylnaphthalene	91-57-6	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Parathion-Methyl	298-00-0	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	1,4-Naphthoquinone	130-15-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	1-Naphthylamine	134-32-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2-Naphthylamine	91-59-8	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2-Nitroaniline	88-74-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	3-Nitroaniline	99-09-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	4-Nitroaniline	100-01-6	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Nitrobenzene	98-95-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2-Nitrophenol	88-75-5	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	4-Nitrophenol	100-02-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	N-Nitrosomethylthylamine	10595-95-6	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	N-Nitrosopiperidine	100-75-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Parathion-Ethyl	56-38-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Pentachlorobenzene	608-93-5	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Pentachloronitrobenzene	82-68-8	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Phenacetin	62-44-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Phenanthrene	85-01-8	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Phenol	108-95-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	1,4-Phenylenediamine	106-50-3	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Phorate	298-02-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Pronamide	23950-58-5	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Pyrene	129-00-0	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Safrole	94-59-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/18/2014	10.2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	o-Toluidine	95-53-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Dinoseb	88-85-7	ug/L	9/18/2014	10.2	n/a	ND	
MW-14	d	Acetonitrile	75-05-8	ug/L	9/18/2014	10000	n/a	ND	
MW-14	d	Isobutanol	78-83-1	mg/L	9/18/2014	10	n/a	ND	
MW-14	d	PCB-1016	12674-11-2	ug/L	9/18/2014	0.8	n/a	ND	
MW-14	d	PCB-1221	11104-28-2	ug/L	9/18/2014	0.8	n/a	ND	
MW-14	d	PCB-1232	11141-16-5	ug/L	9/18/2014	0.8	n/a	ND	
MW-14	d	PCB-1242	53469-21-9	ug/L	9/18/2014	0.8	n/a	ND	
MW-14	d	PCB-1248	12672-29-6	ug/L	9/18/2014	0.8	n/a	ND	
MW-14	d	PCB-1254	11097-69-1	ug/L	9/18/2014	0.8	n/a	ND	
MW-14	d	PCB-1260	11096-82-5	ug/L	9/18/2014	0.8	n/a	ND	
MW-14	d	Cyanide	57-12-5	mg/L	9/18/2014	0.01	n/a	ND	
MW-14	d	Sulfide	18496-25-8	mg/L	9/18/2014	1	n/a	ND	
MW-14	d	2,4-D [2C]	94-75-7	ug/L	9/18/2014	1.08	n/a	ND	
MW-14	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/18/2014	1.08	n/a	ND	
MW-14	d	2,4,5-T [2C]	93-76-5	ug/L	9/18/2014	1.08	n/a	ND	
MW-14	d	Alpha-BHC	319-84-6	ug/L	9/18/2014	0.032	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	9/18/2014	n/a	n/a		0.0464
MW-14	d	Dieldrin	60-57-1	ug/L	9/18/2014	n/a	n/a	J	0.00343
MW-14	d	4,4'-DDE	72-55-9	ug/L	9/18/2014	0.032	n/a	ND	
MW-14	d	Delta-BHC	319-86-8	ug/L	9/18/2014	n/a	n/a		0.037
MW-14	d	Endrin	72-20-8	ug/L	9/18/2014	n/a	n/a	J	0.00557
MW-14	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/18/2014	n/a	n/a	J	0.0318
MW-14	d	Endosulfan II	33213-65-9	ug/L	9/18/2014	0.032	n/a	ND	
MW-14	d	Heptachlor	76-44-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-14	d	4,4'-DDD	72-54-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-14	d	Aldrin	309-00-2	ug/L	9/18/2014	0.032	n/a	ND	
MW-14	d	Endosulfan sulfate	1031-07-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-14	d	Heptachlor Epoxide	1024-57-3	ug/L	9/18/2014	0.032	n/a	ND	
MW-14	d	4,4'-DDT	50-29-3	ug/L	9/18/2014	n/a	n/a	J	0.00559
MW-14	d	Endosulfan I	959-98-8	ug/L	9/18/2014	n/a	n/a	J	0.00203
MW-14	d	Methoxychlor	72-43-5	ug/L	9/18/2014	0.032	n/a	ND	
MW-14	d	Toxaphene	8001-35-2	ug/L	9/18/2014	2	n/a	ND	
MW-14	d	Endrin aldehyde	7421-93-4	ug/L	9/18/2014	n/a	n/a	J	0.0171
MW-14	d	Chlordane	57-74-9	ug/L	9/18/2014	2	n/a	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		46
MW-15	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-15	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a	J	0.0016
MW-15	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.0207
MW-15	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	9/18/2014	n/a	n/a	J	0.000186
MW-15	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-15	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-15	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	9/18/2014	n/a	n/a	J	0.0209
MW-15	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-15	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-15	d	Total Suspended Solids	TSS	mg/L	9/18/2014	1.88	n/a	ND	
MW-19	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-19	d	Arsenic	7440-38-2	mg/L	9/18/2014	0.001	n/a	ND	
MW-19	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.734
MW-19	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-19	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
MW-19	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-19	d	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-19	d	Copper	7440-50-8	mg/L	9/18/2014	n/a	n/a	J	0.00449
MW-19	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-19	d	Nickel	7440-02-0	mg/L	9/18/2014	n/a	n/a		0.0557
MW-19	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-19	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-19	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-19	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-19	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-19	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-19	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-19	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-19	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-19	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-19	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-19	d	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-19	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-19	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-19	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-19	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-19	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-19	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-19	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-19	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-19	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-19	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-19	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-19	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-19	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-19	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-19	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-19	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-19	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-19	d	Vinyl Chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-19	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-19	d	Total Suspended Solids	TSS	mg/L	9/18/2014	2	n/a	ND	
MW-20	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.0249
MW-20	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		280
MW-21	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.0034
MW-21	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		94
MW-22	u	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-22	u	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		23
MW-23	u	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-23	u	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		432
MW-24	u	Cobalt	7440-48-4	mg/L	9/18/2014	n/a	n/a		0.00287
MW-24	u	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		7.47
MW-25	u	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-25	u	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		10.8
MW-2AR	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.02
MW-2AR	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.823
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-2AR	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/18/2014	0.05	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/18/2014	n/a	n/a		0.967
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/18/2014	n/a	n/a		4.49
MW-2AR	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		41.6
MW-2BR	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-2BR	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.0074
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.00727
MW-2BR	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.561
MW-2BR	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.54
MW-2BR	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-2BR	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-2BR	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	9/18/2014	0.05	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	9/18/2014	0.05	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-2BR	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		43.7
MW-2BR	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		44.8
MW-3	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.00432
MW-3	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.209
MW-3	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/18/2014	n/a	n/a		0.00084
MW-3	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	9/18/2014	n/a	n/a		0.00612
MW-3	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-3	d	Nickel	7440-02-0	mg/L	9/18/2014	0.05	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-3	d	Mercury	7439-97-6	mg/L	9/18/2014	0.0002	n/a	ND	
MW-3	d	Tin	7440-31-5	mg/L	9/18/2014	0.1	n/a	ND	
MW-3	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-3	d	1,1-Dichloropropene	563-58-6	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/18/2014	5	n/a	ND	
MW-3	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,3-Dichloropropane	142-28-9	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	1,4-Naphthoquinone	130-15-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	1,4-Phenylenediamine	106-50-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	1-Naphthylamine	134-32-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2,2-Dichloropropane	594-20-7	ug/L	9/18/2014	4	n/a	ND	
MW-3	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2,4,5-T [2C]	93-76-5	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2,4-D [2C]	94-75-7	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	2,4-Dichlorophenol	120-83-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2,4-Dimethylphenol	105-67-9	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2,4-Dinitrophenol	51-28-5	ug/L	9/18/2014	20	n/a	ND	
MW-3	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2,6-Dichlorophenol	87-65-0	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2-Acetylaminofluorene	53-96-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2-Chloronaphthalene	91-58-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2-Chlorophenol	95-57-8	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2-Methylnaphthalene	91-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2-Methylphenol	95-48-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2-Naphthylamine	91-59-8	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2-Nitroaniline	88-74-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2-Nitrophenol	88-75-5	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/18/2014	50	n/a	ND	
MW-3	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	3/4-Methylphenol	T-34MP	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	3-Methylcholanthrene	56-49-5	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	3-Nitroaniline	99-09-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	4,4'-DDD	72-54-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	4,4'-DDE	72-55-9	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	4,4'-DDT	50-29-3	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	4-Aminobiphenyl	92-67-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	4-Chloroaniline	106-47-8	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/18/2014	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	4-Nitroaniline	100-01-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	4-Nitrophenol	100-02-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Acenaphthene	83-32-9	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Acenaphthylene	208-96-8	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Acetonitrile	75-05-8	ug/L	9/18/2014	10000	n/a	ND	
MW-3	d	Acetophenone	98-86-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Acrolein	107-02-8	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Aldrin	309-00-2	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	3-Chloropropene	107-05-1	ug/L	9/18/2014	2	n/a	ND	
MW-3	d	alpha-BHC	319-84-6	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Anthracene	120-12-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Benzo [a] anthracene	56-55-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Benzo [a] pyrene	50-32-8	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Benzyl alcohol	100-51-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	beta-BHC	319-85-7	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Butyl benzyl phthalate	85-68-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Chlordane	57-74-9	ug/L	9/18/2014	2	n/a	ND	
MW-3	d	Chlorobenzilate	510-15-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Chloroprene	126-99-8	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Chrysene	218-01-9	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Cyanide	57-12-5	mg/L	9/18/2014	0.01	n/a	ND	
MW-3	d	delta-BHC	319-86-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Diallate [cis or trans]	2303-16-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Dibenzofuran	132-64-9	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Dichlorodifluoromethane	75-71-8	ug/L	9/18/2014	3	n/a	ND	
MW-3	d	Dieldrin	60-57-1	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Diethyl phthalate	84-66-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Dimethoate	60-51-5	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Dimethyl phthalate	131-11-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Di-n-butyl phthalate	84-74-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Di-n-octyl phthalate	117-84-0	ug/L	9/18/2014	20	n/a	ND	
MW-3	d	Dinoseb	88-85-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Diphenylamine	122-39-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Disulfoton	298-04-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Endosulfan I	959-98-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Endosulfan II	33213-65-9	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Endosulfan sulfate	1031-07-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Endrin	72-20-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Endrin aldehyde	7421-93-4	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Ethyl Methacrylate	97-63-2	ug/L	9/18/2014	2	n/a	ND	
MW-3	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Famphur	52-85-7	ug/L	9/18/2014	20	n/a	ND	
MW-3	d	Fluoranthene	206-44-0	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Fluorene	86-73-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Heptachlor	76-44-8	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Heptachlor epoxide	1024-57-3	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Hexachlorobenzene	118-74-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Hexachlorobutadiene	87-68-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/18/2014	20	n/a	ND	
MW-3	d	Hexachloroethane	67-72-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Hexachloropropene	1888-71-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Isobutanol	78-83-1	mg/L	9/18/2014	10	n/a	ND	
MW-3	d	Isodrin	465-73-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Isophorone	78-59-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Isosafrole	120-58-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Kepone	143-50-0	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Methacrylonitrile	126-98-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Methapyrilene	91-80-5	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Methoxychlor	72-43-5	ug/L	9/18/2014	0.032	n/a	ND	
MW-3	d	Methyl Methacrylate	80-62-6	ug/L	9/18/2014	2	n/a	ND	
MW-3	d	Methyl Methanesulfonate	66-27-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Naphthalene	91-20-3	ug/L	9/18/2014	5	n/a	ND	
MW-3	d	Nitrobenzene	98-95-3	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/18/2014	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	N-Nitrosopiperidine	100-75-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	o-Toluidine	95-53-4	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Parathion-ethyl	56-38-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Parathion-methyl	298-00-0	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	PCB-1016	12674-11-2	ug/L	9/18/2014	0.8	n/a	ND	
MW-3	d	PCB-1221	11104-28-2	ug/L	9/18/2014	0.8	n/a	ND	
MW-3	d	PCB-1232	11141-16-5	ug/L	9/18/2014	0.8	n/a	ND	
MW-3	d	PCB-1242	53469-21-9	ug/L	9/18/2014	0.8	n/a	ND	
MW-3	d	PCB-1248	12672-29-6	ug/L	9/18/2014	0.8	n/a	ND	
MW-3	d	PCB-1254	11097-69-1	ug/L	9/18/2014	0.8	n/a	ND	
MW-3	d	PCB-1260	11096-82-5	ug/L	9/18/2014	0.8	n/a	ND	
MW-3	d	Pentachlorobenzene	608-93-5	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Pentachloronitrobenzene	82-68-8	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Phenacetin	62-44-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Phenanthrene	85-01-8	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Phenol	108-95-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Phorate	298-02-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Pronamide	23950-58-5	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Propionitrile	107-12-0	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Pyrene	129-00-0	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Safrole	94-59-7	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Sulfide	18496-25-8	mg/L	9/18/2014	1	n/a	ND	
MW-3	d	Thionazin	297-97-2	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Toxaphene	8001-35-2	ug/L	9/18/2014	2	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		37.3
MW-5AR	u	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a		0.0441
MW-5AR	u	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.0382
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	9/18/2014	n/a	n/a	J	0.0121
MW-5AR	u	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-5AR	u	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-5AR	u	Sulfide	18496-25-8	mg/L	9/18/2014	1	n/a	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a	J	1.63
MW-8R	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/18/2014	n/a	n/a	J	0.000766
MW-8R	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.0185
MW-8R	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/18/2014	n/a	n/a		0.00576
MW-8R	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	9/18/2014	n/a	n/a	J	0.0205
MW-8R	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	9/18/2014	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	n/a	n/a	J	0.308
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		21.4
Outfall#1	d	Acetone	67-64-1	ug/L	9/18/2014	n/a	n/a	J	2.23
Outfall#1	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
Outfall#1	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
Outfall#1	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
Outfall#1	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
Outfall#1	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
Outfall#1	d	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
Outfall#1	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
Outfall#1	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
Outfall#1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	
Outfall#1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
Outfall#1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
Outfall#1	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
Outfall#1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
Outfall#1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
Outfall#1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
Outfall#1	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
Outfall#1	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
Outfall#1	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
Outfall#1	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
Outfall#1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
Outfall#1	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
Outfall#1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
Outfall#1	d	Vinyl Chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
Outfall#1	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
UD-A	d	Antimony	7440-36-0	mg/L	9/18/2014	0.006	n/a	ND	
UD-A	d	Arsenic	7440-38-2	mg/L	9/18/2014	0.001	n/a	ND	
UD-A	d	Barium	7440-39-3	mg/L	9/18/2014	n/a	n/a		0.132
UD-A	d	Beryllium	7440-41-7	mg/L	9/18/2014	0.001	n/a	ND	
UD-A	d	Cadmium	7440-43-9	mg/L	9/18/2014	0.0005	n/a	ND	
UD-A	d	Chromium	7440-47-3	mg/L	9/18/2014	0.02	n/a	ND	
UD-A	d	Cobalt	7440-48-4	mg/L	9/18/2014	0.00241	n/a	ND	
UD-A	d	Copper	7440-50-8	mg/L	9/18/2014	0.02	n/a	ND	
UD-A	d	Lead	7439-92-1	mg/L	9/18/2014	0.004	n/a	ND	
UD-A	d	Nickel	7440-02-0	mg/L	9/18/2014	n/a	n/a	J	0.00967
UD-A	d	Selenium	7782-49-2	mg/L	9/18/2014	0.005	n/a	ND	
UD-A	d	Silver	7440-22-4	mg/L	9/18/2014	0.02	n/a	ND	
UD-A	d	Thallium	7440-28-0	mg/L	9/18/2014	0.002	n/a	ND	
UD-A	d	Vanadium	7440-62-2	mg/L	9/18/2014	0.05	n/a	ND	
UD-A	d	Zinc	7440-66-6	mg/L	9/18/2014	0.02	n/a	ND	
UD-A	d	Acetone	67-64-1	ug/L	9/18/2014	n/a	n/a	J	2.39
UD-A	d	Acrylonitrile	107-13-1	ug/L	9/18/2014	10	n/a	ND	
UD-A	d	Benzene	71-43-2	ug/L	9/18/2014	0.5	n/a	ND	
UD-A	d	Bromochloromethane	74-97-5	ug/L	9/18/2014	5	n/a	ND	
UD-A	d	Bromodichloromethane	75-27-4	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Bromoform	75-25-2	ug/L	9/18/2014	5	n/a	ND	
UD-A	d	2-Butanone	78-93-3	ug/L	9/18/2014	10	n/a	ND	
UD-A	d	Carbon Disulfide	75-15-0	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Carbon Tetrachloride	56-23-5	ug/L	9/18/2014	2	n/a	ND	
UD-A	d	Chlorobenzene	108-90-7	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Chloroethane	75-00-3	ug/L	9/18/2014	4	n/a	ND	
UD-A	d	Chloroform	67-66-3	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Chlorodibromomethane	124-48-1	ug/L	9/18/2014	5	n/a	ND	
UD-A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/18/2014	0.12	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/18/2014	0.13	n/a	ND	
UD-A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/18/2014	10	n/a	ND	
UD-A	d	1,1-Dichloroethane	75-34-3	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	1,2-Dichloroethane	107-06-2	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	1,1-Dichloroethene	75-35-4	ug/L	9/18/2014	2	n/a	ND	
UD-A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	1,2-Dichloropropane	78-87-5	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/18/2014	5	n/a	ND	
UD-A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/18/2014	5	n/a	ND	
UD-A	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Ethylbenzene	100-41-4	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	2-Hexanone	591-78-6	ug/L	9/18/2014	10	n/a	ND	
UD-A	d	Bromomethane	74-83-9	ug/L	9/18/2014	4	n/a	ND	
UD-A	d	Chloromethane	74-87-3	ug/L	9/18/2014	3	n/a	ND	
UD-A	d	Iodomethane	74-88-4	ug/L	9/18/2014	10	n/a	ND	
UD-A	d	Methylene Bromide	74-95-3	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Methylene Chloride	75-09-2	ug/L	9/18/2014	5	n/a	ND	
UD-A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/18/2014	10	n/a	ND	
UD-A	d	Styrene	100-42-5	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Tetrachloroethene	127-18-4	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Toluene	108-88-3	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Trichloroethene	79-01-6	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Trichlorofluoromethane	75-69-4	ug/L	9/18/2014	4	n/a	ND	
UD-A	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Vinyl Acetate	108-05-4	ug/L	9/18/2014	2	n/a	ND	
UD-A	d	Vinyl Chloride	75-01-4	ug/L	9/18/2014	1	n/a	ND	
UD-A	d	Xylenes, total	1330-20-7	ug/L	9/18/2014	3	n/a	ND	
UD-A	d	Total Suspended Solids	TSS	mg/L	9/18/2014	n/a	n/a		17.7
MW-14	d	Tin	7440-31-5	mg/L	1/14/2015	n/a	n/a	J	0.0918
MW-14	d	Beta-BHC	319-85-7	ug/L	1/14/2015	n/a	n/a	J	0.00968
MW-14	d	Delta-BHC	319-86-8	ug/L	1/14/2015	0.0376	n/a	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	1/14/2015	n/a	n/a		62
GDT-1	d	Barium	7440-39-3	mg/L	3/12/2015	n/a	n/a		0.414
GDT-1	d	Cobalt	7440-48-4	mg/L	3/12/2015	n/a	n/a		0.00462
GDT-1	d	Total Suspended Solids	TSS	mg/L	3/12/2015	n/a	n/a	J	3.67
MW-26	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.0307
MW-26	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		140
GDT-1	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
GDT-1	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a	J	0.00169
GDT-1	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.406
GDT-1	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
GDT-1	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
GDT-1	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
GDT-1	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.00491
GDT-1	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a	J	0.000567
GDT-1	d	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a		0.00206
GDT-1	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.0112
GDT-1	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
GDT-1	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
GDT-1	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
GDT-1	d	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	
GDT-1	d	Zinc	7440-66-6	mg/L	3/30/2015	n/a	n/a		0.0156
GDT-1	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
GDT-1	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
GDT-1	d	Benzene	71-43-2	ug/L	3/30/2015	n/a	n/a	J	0.398
GDT-1	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
GDT-1	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
GDT-1	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
GDT-1	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
GDT-1	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Chloroethane	75-00-3	ug/L	3/30/2015	n/a	n/a	J	1.42
GDT-1	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
GDT-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
GDT-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
GDT-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
GDT-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	n/a	n/a	J	0.977
GDT-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
GDT-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	n/a	n/a		1.69
GDT-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
GDT-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
GDT-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
GDT-1	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
GDT-1	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
GDT-1	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
GDT-1	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	n/a	n/a	J	0.404
GDT-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
GDT-1	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
GDT-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
GDT-1	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
GDT-1	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
GDT-1	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		5.5
GDT-2	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
GDT-2	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.00368
GDT-2	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.125
GDT-2	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
GDT-2	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
GDT-2	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
GDT-2	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.00204
GDT-2	d	Copper	7440-50-8	mg/L	3/30/2015	0.002	n/a	ND	
GDT-2	d	Lead	7439-92-1	mg/L	3/30/2015	0.0005	n/a	ND	
GDT-2	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.00654
GDT-2	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
GDT-2	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
GDT-2	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
GDT-2	d	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	
GDT-2	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
GDT-2	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
GDT-2	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
GDT-2	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
GDT-2	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
GDT-2	d	Bromomethane	74-83-9	ug/L	3/30/2015	n/a	n/a	J	0.279
GDT-2	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
GDT-2	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	n/a	n/a	J	0.352
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
GDT-2	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
GDT-2	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		16.3
MW-1	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.00601
MW-1	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.142
MW-1	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.00125
MW-1	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a		0.00206
MW-1	d	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a		0.00347
MW-1	d	Nickel	7440-02-0	mg/L	3/30/2015	0.005	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	3/30/2015	5	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/30/2015	0.002	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/30/2015	0.002	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.0626

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.0603
MW-12	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-12	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	3/30/2015	n/a	n/a	J	0.00165
MW-12	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a	J	0.00006
MW-12	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a	J	0.000214
MW-12	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a		0.00413
MW-12	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a	J	0.00115
MW-12	d	Lead	7439-92-1	mg/L	3/30/2015	0.0005	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a	J	0.000123
MW-12	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.00999
MW-12	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.00919
MW-12	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/30/2015	n/a	n/a	J	0.000044
MW-12	d	Thallium	7440-28-0	mg/L	3/30/2015	n/a	n/a	J	0.00005
MW-12	d	Vanadium	7440-62-2	mg/L	3/30/2015	n/a	n/a	J	0.000585
MW-12	d	Vanadium	7440-62-2	mg/L	3/30/2015	n/a	n/a	J	0.000828
MW-12	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/30/2015	n/a	n/a	J	0.356
MW-12	d	Bromomethane	74-83-9	ug/L	3/30/2015	n/a	n/a	J	0.222
MW-12	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	3/30/2015	2.5	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a	J	1.67
MW-13	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.0378
MW-13	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.207
MW-13	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.0213
MW-13	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a	J	0.000999
MW-13	d	Lead	7439-92-1	mg/L	3/30/2015	0.0005	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.0307
MW-13	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	3/30/2015	n/a	n/a	J	0.000503
MW-13	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	3/30/2015	n/a	n/a	J	2.58
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/30/2015	n/a	n/a	J	6.17
MW-13	d	Sulfide	18496-25-8	mg/L	3/30/2015	1	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	3/30/2015	n/a	n/a	J	0.0242
MW-13	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		30.7
MW-14	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.0176
MW-14	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.227
MW-14	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.000873
MW-14	d	Copper	7440-50-8	mg/L	3/30/2015	0.002	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a	J	0.000349
MW-14	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a	J	0.00234
MW-14	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/30/2015	n/a	n/a	J	0.000673
MW-14	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	n/a	n/a	J	0.23
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/30/2015	n/a	n/a	J	0.278
MW-14	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-14	d	Tin	7440-31-5	mg/L	3/30/2015	0.1	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	3/30/2015	0.032	n/a	ND	
MW-14	d	Delta-BHC	319-86-8	ug/L	3/30/2015	n/a	n/a	J	0.00465
MW-14	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		20.7
MW-15	d	Antimony	7440-36-0	mg/L	3/30/2015	n/a	n/a	J	0.000191
MW-15	d	Arsenic	7440-38-2	mg/L	3/30/2015	0.002	n/a	ND	
MW-15	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.0236
MW-15	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-15	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-15	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-15	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a	J	0.000058
MW-15	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a	J	0.00111
MW-15	d	Lead	7439-92-1	mg/L	3/30/2015	0.0005	n/a	ND	
MW-15	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a	J	0.00119
MW-15	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-15	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-15	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-15	d	Vanadium	7440-62-2	mg/L	3/30/2015	n/a	n/a	J	0.000666
MW-15	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-15	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-15	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-15	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-15	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-15	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-15	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-15	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-15	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-15	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-15	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-15	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-15	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-15	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-15	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-15	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-15	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-15	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-15	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-15	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-15	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-15	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-15	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-15	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-15	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-15	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-15	d	Total Suspended Solids	TSS	mg/L	3/30/2015	2.5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-20	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.0358
MW-20	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		69.3
MW-21	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.0152
MW-21	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		113
MW-2AR	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.0389
MW-2AR	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		1.03
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.000647
MW-2AR	d	Copper	7440-50-8	mg/L	3/30/2015	0.002	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a		0.00072
MW-2AR	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.0103
MW-2AR	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/30/2015	n/a	n/a		1.95
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/30/2015	n/a	n/a		6.38
MW-2AR	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		145
MW-2BR	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.0163
MW-2BR	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.7
MW-2BR	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.000533
MW-2BR	d	Copper	7440-50-8	mg/L	3/30/2015	0.002	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	3/30/2015	0.0005	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	3/30/2015	0.005	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-2BR	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		54
MW-3	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-3	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.0059
MW-3	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.00354
MW-3	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.302
MW-3	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.297
MW-3	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-3	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-3	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-3	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.0127
MW-3	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.00894
MW-3	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a		0.00363
MW-3	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a		0.00386
MW-3	d	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a		0.00288
MW-3	d	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a		0.00237
MW-3	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.018
MW-3	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.0158
MW-3	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	3/30/2015	n/a	n/a		0.0117
MW-3	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		54.2
MW-3	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		73
MW-5AR	u	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/30/2015	0.002	n/a	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.0404
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/30/2015	0.0005	n/a	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a	J	0.00179
MW-5AR	u	Lead	7439-92-1	mg/L	3/30/2015	0.0005	n/a	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	3/30/2015	0.005	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-5AR	u	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/30/2015	n/a	n/a	J	0.000682
MW-5AR	u	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-5AR	u	Sulfide	18496-25-8	mg/L	3/30/2015	1	n/a	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	3/30/2015	2.5	n/a	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/30/2015	0.002	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.213
MW-6A	u	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/30/2015	0.0005	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	3/30/2015	0.002	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a		0.00108
MW-6A	u	Nickel	7440-02-0	mg/L	3/30/2015	0.005	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-6A	u	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-6A	u	Sulfide	18496-25-8	mg/L	3/30/2015	1	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	3/30/2015	5	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	3/30/2015	0.002	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.0444
MW-6B	u	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.00462
MW-6B	u	Copper	7440-50-8	mg/L	3/30/2015	0.002	n/a	ND	
MW-6B	u	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a		0.00076
MW-6B	u	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.00567
MW-6B	u	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
MW-6B	u	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-6B	u	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
MW-6B	u	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-6B	u	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
MW-6B	u	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-6B	u	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-6B	u	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-6B	u	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-6B	u	Sulfide	18496-25-8	mg/L	3/30/2015	1	n/a	ND	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-6B	u	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		71
MW-8R	d	Antimony	7440-36-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/30/2015	n/a	n/a		0.00828
MW-8R	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.0218
MW-8R	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.0035
MW-8R	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a		0.004
MW-8R	d	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a	J	0.000255
MW-8R	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.0107
MW-8R	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/30/2015	0.005	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/30/2015	n/a	n/a		0.0109
MW-8R	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/30/2015	n/a	n/a	J	0.401
MW-8R	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		52
Outfall#1	d	Acetone	67-64-1	ug/L	3/30/2015	10	n/a	ND	
Outfall#1	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
Outfall#1	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
Outfall#1	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
Outfall#1	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
Outfall#1	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
Outfall#1	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
Outfall#1	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
Outfall#1	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
Outfall#1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
Outfall#1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
Outfall#1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
Outfall#1	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
Outfall#1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
Outfall#1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
Outfall#1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
Outfall#1	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
Outfall#1	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
Outfall#1	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
Outfall#1	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	n/a	n/a	J	0.35
Outfall#1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
Outfall#1	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
Outfall#1	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
Outfall#1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
Outfall#1	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
Outfall#1	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
UD-A	d	Antimony	7440-36-0	mg/L	3/30/2015	n/a	n/a	J	0.000212
UD-A	d	Arsenic	7440-38-2	mg/L	3/30/2015	0.002	n/a	ND	
UD-A	d	Barium	7440-39-3	mg/L	3/30/2015	n/a	n/a		0.0424
UD-A	d	Beryllium	7440-41-7	mg/L	3/30/2015	0.001	n/a	ND	
UD-A	d	Cadmium	7440-43-9	mg/L	3/30/2015	0.0005	n/a	ND	
UD-A	d	Chromium	7440-47-3	mg/L	3/30/2015	0.005	n/a	ND	
UD-A	d	Cobalt	7440-48-4	mg/L	3/30/2015	n/a	n/a		0.00243
UD-A	d	Copper	7440-50-8	mg/L	3/30/2015	n/a	n/a	J	0.00134
UD-A	d	Lead	7439-92-1	mg/L	3/30/2015	n/a	n/a	J	0.000114
UD-A	d	Nickel	7440-02-0	mg/L	3/30/2015	n/a	n/a		0.0362
UD-A	d	Selenium	7782-49-2	mg/L	3/30/2015	0.005	n/a	ND	
UD-A	d	Silver	7440-22-4	mg/L	3/30/2015	0.001	n/a	ND	
UD-A	d	Thallium	7440-28-0	mg/L	3/30/2015	0.001	n/a	ND	
UD-A	d	Vanadium	7440-62-2	mg/L	3/30/2015	n/a	n/a	J	0.00048
UD-A	d	Zinc	7440-66-6	mg/L	3/30/2015	0.01	n/a	ND	
UD-A	d	Acetone	67-64-1	ug/L	3/30/2015	n/a	n/a	J	2.44
UD-A	d	Acrylonitrile	107-13-1	ug/L	3/30/2015	10	n/a	ND	
UD-A	d	Benzene	71-43-2	ug/L	3/30/2015	0.5	n/a	ND	
UD-A	d	Bromochloromethane	74-97-5	ug/L	3/30/2015	5	n/a	ND	
UD-A	d	Bromodichloromethane	75-27-4	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Bromoform	75-25-2	ug/L	3/30/2015	5	n/a	ND	
UD-A	d	2-Butanone	78-93-3	ug/L	3/30/2015	10	n/a	ND	
UD-A	d	Carbon Disulfide	75-15-0	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2015	2	n/a	ND	
UD-A	d	Chlorobenzene	108-90-7	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Chloroethane	75-00-3	ug/L	3/30/2015	4	n/a	ND	
UD-A	d	Chloroform	67-66-3	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2015	5	n/a	ND	
UD-A	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2015	0.5	n/a	ND	
UD-A	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2015	0.13	n/a	ND	
UD-A	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2015	10	n/a	ND	
UD-A	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2015	2	n/a	ND	
UD-A	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2015	5	n/a	ND	
UD-A	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2015	5	n/a	ND	
UD-A	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Ethylbenzene	100-41-4	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	2-Hexanone	591-78-6	ug/L	3/30/2015	10	n/a	ND	
UD-A	d	Bromomethane	74-83-9	ug/L	3/30/2015	4	n/a	ND	
UD-A	d	Chloromethane	74-87-3	ug/L	3/30/2015	3	n/a	ND	
UD-A	d	Iodomethane	74-88-4	ug/L	3/30/2015	10	n/a	ND	
UD-A	d	Methylene Bromide	74-95-3	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Methylene Chloride	75-09-2	ug/L	3/30/2015	n/a	n/a	J	0.236
UD-A	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2015	10	n/a	ND	
UD-A	d	Styrene	100-42-5	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Tetrachloroethene	127-18-4	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Toluene	108-88-3	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Trichloroethene	79-01-6	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2015	4	n/a	ND	
UD-A	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Vinyl Acetate	108-05-4	ug/L	3/30/2015	10	n/a	ND	
UD-A	d	Vinyl Chloride	75-01-4	ug/L	3/30/2015	1	n/a	ND	
UD-A	d	Xylenes, total	1330-20-7	ug/L	3/30/2015	3	n/a	ND	
UD-A	d	Total Suspended Solids	TSS	mg/L	3/30/2015	n/a	n/a		2.83
MW-12	d	Barium	7440-39-3	mg/L	7/31/2015	n/a	n/a		0.0682
MW-12	d	Total Suspended Solids	TSS	mg/L	7/31/2015	n/a	n/a	J	1.63
MW-14	d	Tin	7440-31-5	mg/L	7/31/2015	0.005	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	7/31/2015	0.352	n/a	ND	
MW-14	d	Delta-BHC	319-86-8	ug/L	7/31/2015	0.352	n/a	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	7/31/2015	n/a	n/a		41.8
MW-16	d	Antimony	7440-36-0	mg/L	7/31/2015	0.001	n/a	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	7/31/2015	n/a	n/a		0.00438
MW-16	d	Barium	7440-39-3	mg/L	7/31/2015	n/a	n/a		0.0783
MW-16	d	Beryllium	7440-41-7	mg/L	7/31/2015	n/a	n/a	J	0.00011
MW-16	d	Cadmium	7440-43-9	mg/L	7/31/2015	0.0005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Chromium	7440-47-3	mg/L	7/31/2015	n/a	n/a	J	0.00187
MW-16	d	Cobalt	7440-48-4	mg/L	7/31/2015	n/a	n/a		0.00144
MW-16	d	Copper	7440-50-8	mg/L	7/31/2015	n/a	n/a	J	0.00109
MW-16	d	Lead	7439-92-1	mg/L	7/31/2015	n/a	n/a	J	0.000343
MW-16	d	Nickel	7440-02-0	mg/L	7/31/2015	n/a	n/a	J	0.00438
MW-16	d	Selenium	7782-49-2	mg/L	7/31/2015	0.005	n/a	ND	
MW-16	d	Silver	7440-22-4	mg/L	7/31/2015	n/a	n/a	J	0.000211
MW-16	d	Thallium	7440-28-0	mg/L	7/31/2015	0.001	n/a	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	7/31/2015	n/a	n/a	J	0.00198
MW-16	d	Zinc	7440-66-6	mg/L	7/31/2015	0.01	n/a	ND	
MW-16	d	Acetone	67-64-1	ug/L	7/31/2015	n/a	n/a		13
MW-16	d	Acrylonitrile	107-13-1	ug/L	7/31/2015	10	n/a	ND	
MW-16	d	Benzene	71-43-2	ug/L	7/31/2015	0.5	n/a	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	7/31/2015	5	n/a	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Bromoform	75-25-2	ug/L	7/31/2015	5	n/a	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	7/31/2015	10	n/a	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	7/31/2015	2	n/a	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	7/31/2015	4	n/a	ND	
MW-16	d	Chloroform	67-66-3	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	7/31/2015	5	n/a	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/31/2015	0.5	n/a	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/31/2015	0.13	n/a	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/31/2015	10	n/a	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	7/31/2015	2	n/a	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/31/2015	5	n/a	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/31/2015	5	n/a	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	7/31/2015	10	n/a	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	7/31/2015	4	n/a	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	7/31/2015	3	n/a	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	7/31/2015	10	n/a	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	7/31/2015	5	n/a	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/31/2015	10	n/a	ND	
MW-16	d	Styrene	100-42-5	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Toluene	108-88-3	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	7/31/2015	4	n/a	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	7/31/2015	10	n/a	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	7/31/2015	1	n/a	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	7/31/2015	3	n/a	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	7/31/2015	n/a	n/a		133
UD-A	d	Nickel	7440-02-0	mg/L	7/31/2015	n/a	n/a		0.059
UD-A	d	Total Suspended Solids	TSS	mg/L	7/31/2015	n/a	n/a		10.7
MW-12	d	Barium	7440-39-3	mg/L	8/31/2015	n/a	n/a		0.0596
MW-12	d	Total Suspended Solids	TSS	mg/L	8/31/2015	1.88	n/a	ND	
UD-A	d	Nickel	7440-02-0	mg/L	8/31/2015	n/a	n/a		0.0425
UD-A	d	Total Suspended Solids	TSS	mg/L	8/31/2015	n/a	n/a		5
GDT-2	d	Antimony	7440-36-0	mg/L	9/29/2015	0.001	n/a	ND	
GDT-2	d	Arsenic	7440-38-2	mg/L	9/29/2015	n/a	n/a		0.0322
GDT-2	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.3
GDT-2	d	Beryllium	7440-41-7	mg/L	9/29/2015	0.001	n/a	ND	
GDT-2	d	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
GDT-2	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
GDT-2	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.00266
GDT-2	d	Copper	7440-50-8	mg/L	9/29/2015	0.002	n/a	ND	
GDT-2	d	Lead	7439-92-1	mg/L	9/29/2015	0.0005	n/a	ND	
GDT-2	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a		0.00934
GDT-2	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
GDT-2	d	Silver	7440-22-4	mg/L	9/29/2015	0.001	n/a	ND	
GDT-2	d	Thallium	7440-28-0	mg/L	9/29/2015	n/a	n/a	J	0.000048
GDT-2	d	Vanadium	7440-62-2	mg/L	9/29/2015	n/a	n/a	J	0.00055
GDT-2	d	Zinc	7440-66-6	mg/L	9/29/2015	n/a	n/a	J	0.00734

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDT-2	d	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
GDT-2	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
GDT-2	d	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
GDT-2	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
GDT-2	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
GDT-2	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
GDT-2	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
GDT-2	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Chloroethane	75-00-3	ug/L	9/29/2015	n/a	n/a	J	0.746
GDT-2	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
GDT-2	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
GDT-2	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
GDT-2	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
GDT-2	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
GDT-2	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	n/a	n/a	J	0.32
GDT-2	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
GDT-2	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
GDT-2	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
GDT-2	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
GDT-2	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
GDT-2	d	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
GDT-2	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
GDT-2	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
GDT-2	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
GDT-2	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
GDT-2	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
GDT-2	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
GDT-2	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a		89.1
GDW	d	Antimony	7440-36-0	mg/L	9/29/2015	n/a	n/a	J	0.000335
GDW	d	Arsenic	7440-38-2	mg/L	9/29/2015	0.002	n/a	ND	
GDW	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.179
GDW	d	Beryllium	7440-41-7	mg/L	9/29/2015	0.001	n/a	ND	
GDW	d	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
GDW	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
GDW	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.000501
GDW	d	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a		0.00295
GDW	d	Lead	7439-92-1	mg/L	9/29/2015	n/a	n/a	J	0.000179
GDW	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a	J	0.00453
GDW	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
GDW	d	Silver	7440-22-4	mg/L	9/29/2015	0.001	n/a	ND	
GDW	d	Thallium	7440-28-0	mg/L	9/29/2015	0.001	n/a	ND	
GDW	d	Vanadium	7440-62-2	mg/L	9/29/2015	n/a	n/a	J	0.000841
GDW	d	Zinc	7440-66-6	mg/L	9/29/2015	n/a	n/a		0.0161
GDW	d	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
GDW	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
GDW	d	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
GDW	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
GDW	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
GDW	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
GDW	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
GDW	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Chloroethane	75-00-3	ug/L	9/29/2015	4	n/a	ND	
GDW	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	1	n/a	ND	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
GDW	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
GDW	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
GDW	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
GDW	d	Iodomethane	74-88-4	ug/L	9/29/2015	n/a	n/a	J	6.95
GDW	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
GDW	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
GDW	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
GDW	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
GDW	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a		3.38
MW-12	d	Antimony	7440-36-0	mg/L	9/29/2015	n/a	n/a	J	0.000175
MW-12	d	Arsenic	7440-38-2	mg/L	9/29/2015	0.002	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.0782
MW-12	d	Beryllium	7440-41-7	mg/L	9/29/2015	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.00107
MW-12	d	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a		0.00201
MW-12	d	Lead	7439-92-1	mg/L	9/29/2015	n/a	n/a	J	0.000123
MW-12	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a		0.0269
MW-12	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/29/2015	n/a	n/a	J	0.000139
MW-12	d	Thallium	7440-28-0	mg/L	9/29/2015	n/a	n/a	J	0.000088
MW-12	d	Vanadium	7440-62-2	mg/L	9/29/2015	n/a	n/a	J	0.000456
MW-12	d	Zinc	7440-66-6	mg/L	9/29/2015	n/a	n/a	J	0.00736
MW-12	d	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/29/2015	n/a	n/a	J	0.828
MW-12	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/29/2015	n/a	n/a	J	0.252
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
MW-12	d	Mercury	7439-97-6	mg/L	9/29/2015	0.0002	n/a	ND	
MW-12	d	Tin	7440-31-5	mg/L	9/29/2015	0.005	n/a	ND	
MW-12	d	Acrolein	107-02-8	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	3-Chloropropene	107-05-1	ug/L	9/29/2015	2	n/a	ND	
MW-12	d	Chloroprene	126-99-8	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Dichlorodifluoromethane	75-71-8	ug/L	9/29/2015	3	n/a	ND	
MW-12	d	1,3-Dichloropropane	142-28-9	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	2,2-Dichloropropane	594-20-7	ug/L	9/29/2015	4	n/a	ND	
MW-12	d	1,1-Dichloropropene	563-58-6	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/29/2015	1	n/a	ND	
MW-12	d	Ethyl Methacrylate	97-63-2	ug/L	9/29/2015	2	n/a	ND	
MW-12	d	Methacrylonitrile	126-98-7	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	Methyl Methacrylate	80-62-6	ug/L	9/29/2015	2	n/a	ND	
MW-12	d	Naphthalene	91-20-3	ug/L	9/29/2015	5	n/a	ND	
MW-12	d	Propionitrile	107-12-0	ug/L	9/29/2015	10	n/a	ND	
MW-12	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/29/2015	5	n/a	ND	
MW-12	d	Acenaphthene	83-32-9	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Acenaphthylene	208-96-8	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Acetophenone	98-86-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2-Acetylaminofluorene	53-96-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	4-Aminobiphenyl	92-67-1	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Anthracene	120-12-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Benzo [a] anthracene	56-55-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Benzo [a] pyrene	50-32-8	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Benzyl alcohol	100-51-6	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/29/2015	n/a	n/a	J	2.92
MW-12	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Butyl benzyl phthalate	85-68-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	4-Chloroaniline	106-47-8	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Chlorobenzilate	510-15-6	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2-Chloronaphthalene	91-58-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2-Chlorophenol	95-57-8	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Chrysene	218-01-9	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	3/4-Methylphenol	T-34MP	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2-Methylphenol	95-48-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Diallate [cis or trans]	2303-16-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Dibenzofuran	132-64-9	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Di-n-butyl phthalate	84-74-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/29/2015	54.9	n/a	ND	
MW-12	d	2,4-Dichlorophenol	120-83-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2,6-Dichlorophenol	87-65-0	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Diethyl phthalate	84-66-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Thionazin	297-97-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Dimethoate	60-51-5	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2,4-Dimethylphenol	105-67-9	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Dimethyl phthalate	131-11-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2,4-Dinitrophenol	51-28-5	ug/L	9/29/2015	22	n/a	ND	
MW-12	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Di-n-octyl phthalate	117-84-0	ug/L	9/29/2015	22	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Diphenylamine	122-39-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Disulfoton	298-04-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Famphur	52-85-7	ug/L	9/29/2015	22	n/a	ND	
MW-12	d	Fluoranthene	206-44-0	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Fluorene	86-73-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Hexachlorobenzene	118-74-1	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Hexachlorobutadiene	87-68-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/29/2015	22	n/a	ND	
MW-12	d	Hexachloroethane	67-72-1	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Hexachloropropene	1888-71-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Isodrin	465-73-6	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Isophorone	78-59-1	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Isosafrole	120-58-1	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Kepone	143-50-0	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Methapyrilene	91-80-5	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	3-Methylcholanthrene	56-49-5	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Methyl Methanesulfonate	66-27-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2-Methylnaphthalene	91-57-6	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Parathion-Methyl	298-00-0	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	1,4-Naphthoquinone	130-15-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	1-Naphthylamine	134-32-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2-Naphthylamine	91-59-8	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2-Nitroaniline	88-74-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	3-Nitroaniline	99-09-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	4-Nitroaniline	100-01-6	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Nitrobenzene	98-95-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2-Nitrophenol	88-75-5	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	4-Nitrophenol	100-02-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	N-Nitrosopiperidine	100-75-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Parathion-Ethyl	56-38-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Pentachlorobenzene	608-93-5	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Pentachloronitrobenzene	82-68-8	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Phenacetin	62-44-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Phenanthrene	85-01-8	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Phenol	108-95-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	1,4-Phenylenediamine	106-50-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Phorate	298-02-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Pronamide	23950-58-5	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Pyrene	129-00-0	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Safrole	94-59-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	o-Toluidine	95-53-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Dinoseb	88-85-7	ug/L	9/29/2015	11	n/a	ND	
MW-12	d	Acetonitrile	75-05-8	ug/L	9/29/2015	10000	n/a	ND	
MW-12	d	Isobutanol	78-83-1	mg/L	9/29/2015	10	n/a	ND	
MW-12	d	PCB-1016	12674-11-2	ug/L	9/29/2015	0.851	n/a	ND	
MW-12	d	PCB-1221	11104-28-2	ug/L	9/29/2015	0.851	n/a	ND	
MW-12	d	PCB-1232	11141-16-5	ug/L	9/29/2015	0.851	n/a	ND	
MW-12	d	PCB-1242	53469-21-9	ug/L	9/29/2015	0.851	n/a	ND	
MW-12	d	PCB-1248	12672-29-6	ug/L	9/29/2015	0.851	n/a	ND	
MW-12	d	PCB-1254	11097-69-1	ug/L	9/29/2015	0.851	n/a	ND	
MW-12	d	PCB-1260	11096-82-5	ug/L	9/29/2015	0.851	n/a	ND	
MW-12	d	Cyanide	57-12-5	mg/L	9/29/2015	0.01	n/a	ND	
MW-12	d	Sulfide	18496-25-8	mg/L	9/29/2015	1	n/a	ND	
MW-12	d	2,4-D [2C]	94-75-7	ug/L	9/29/2015	1.13	n/a	ND	
MW-12	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/29/2015	1.13	n/a	ND	
MW-12	d	2,4,5-T [2C]	93-76-5	ug/L	9/29/2015	1.13	n/a	ND	
MW-12	d	Alpha-BHC	319-84-6	ug/L	9/29/2015	n/a	n/a	J	0.00216
MW-12	d	Beta-BHC	319-85-7	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Dieldrin	60-57-1	ug/L	9/29/2015	n/a	n/a	J	0.0023
MW-12	d	4,4'-DDE	72-55-9	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Delta-BHC	319-86-8	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Endrin	72-20-8	ug/L	9/29/2015	n/a	n/a	J	0.00211

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Endosulfan II	33213-65-9	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Heptachlor	76-44-8	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	4,4'-DDD	72-54-8	ug/L	9/29/2015	n/a	n/a	J	0.00342
MW-12	d	Aldrin	309-00-2	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Endosulfan sulfate	1031-07-8	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Heptachlor Epoxide	1024-57-3	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	4,4'-DDT	50-29-3	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Endosulfan I	959-98-8	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Methoxychlor	72-43-5	ug/L	9/29/2015	0.0352	n/a	ND	
MW-12	d	Toxaphene	8001-35-2	ug/L	9/29/2015	2.2	n/a	ND	
MW-12	d	Endrin aldehyde	7421-93-4	ug/L	9/29/2015	n/a	n/a	J	0.00823
MW-12	d	Chlordane	57-74-9	ug/L	9/29/2015	2.2	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a	J	1.63
MW-13	d	Antimony	7440-36-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	9/29/2015	n/a	n/a		0.0897
MW-13	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.356
MW-13	d	Beryllium	7440-41-7	mg/L	9/29/2015	n/a	n/a	J	0.000059
MW-13	d	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.0231
MW-13	d	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a	J	0.00082
MW-13	d	Lead	7439-92-1	mg/L	9/29/2015	n/a	n/a	J	0.000125
MW-13	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a		0.0317
MW-13	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	9/29/2015	0.001	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/29/2015	n/a	n/a	J	0.000544
MW-13	d	Zinc	7440-66-6	mg/L	9/29/2015	0.01	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	9/29/2015	n/a	n/a	J	1.97
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/29/2015	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	n/a	n/a	J	0.166
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/29/2015	n/a	n/a	J	2.51
MW-13	d	Sulfide	18496-25-8	mg/L	9/29/2015	1	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	9/29/2015	0.0348	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a		88.9
MW-14	d	Antimony	7440-36-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	9/29/2015	n/a	n/a		0.0251
MW-14	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.314
MW-14	d	Beryllium	7440-41-7	mg/L	9/29/2015	n/a	n/a	J	0.000085
MW-14	d	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.00168
MW-14	d	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a	J	0.000903
MW-14	d	Lead	7439-92-1	mg/L	9/29/2015	n/a	n/a		0.000531
MW-14	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a	J	0.00378
MW-14	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	9/29/2015	0.001	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	9/29/2015	n/a	n/a	J	0.000957
MW-14	d	Zinc	7440-66-6	mg/L	9/29/2015	0.01	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	9/29/2015	n/a	n/a	J	0.118
MW-14	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	9/29/2015	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
MW-14	d	Tin	7440-31-5	mg/L	9/29/2015	0.005	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	9/29/2015	n/a	n/a		0.0446
MW-14	d	Delta-BHC	319-86-8	ug/L	9/29/2015	0.0333	n/a	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a		32.4
MW-16	d	Antimony	7440-36-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	9/29/2015	n/a	n/a		0.00385
MW-16	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.0757
MW-16	d	Beryllium	7440-41-7	mg/L	9/29/2015	n/a	n/a	J	0.000047
MW-16	d	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
MW-16	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.000551
MW-16	d	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a	J	0.00063
MW-16	d	Lead	7439-92-1	mg/L	9/29/2015	n/a	n/a		0.000535
MW-16	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a	J	0.00166
MW-16	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-16	d	Silver	7440-22-4	mg/L	9/29/2015	n/a	n/a	J	0.000063

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Thallium	7440-28-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	9/29/2015	n/a	n/a	J	0.000656
MW-16	d	Zinc	7440-66-6	mg/L	9/29/2015	0.01	n/a	ND	
MW-16	d	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
MW-16	d	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	9/29/2015	4	n/a	ND	
MW-16	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
MW-16	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a		26.1
MW-5AR	u	Antimony	7440-36-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/29/2015	0.002	n/a	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.0531
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/29/2015	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/29/2015	0.0005	n/a	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a		0.00305
MW-5AR	u	Lead	7439-92-1	mg/L	9/29/2015	n/a	n/a	J	0.000198
MW-5AR	u	Nickel	7440-02-0	mg/L	9/29/2015	0.005	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-5AR	u	Silver	7440-22-4	mg/L	9/29/2015	n/a	n/a	J	0.000107
MW-5AR	u	Thallium	7440-28-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/29/2015	n/a	n/a	J	0.000767
MW-5AR	u	Zinc	7440-66-6	mg/L	9/29/2015	n/a	n/a	J	0.00767
MW-5AR	u	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/29/2015	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
MW-5AR	u	Sulfide	18496-25-8	mg/L	9/29/2015	1	n/a	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a		2.25
MW-8R	d	Antimony	7440-36-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/29/2015	n/a	n/a		0.00563
MW-8R	d	Arsenic	7440-38-2	mg/L	9/29/2015	n/a	n/a		0.00855
MW-8R	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.0293
MW-8R	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.0275
MW-8R	d	Beryllium	7440-41-7	mg/L	9/29/2015	0.001	n/a	ND	
MW-8R	d	Beryllium	7440-41-7	mg/L	9/29/2015	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.00633
MW-8R	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.00672
MW-8R	d	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a	J	0.00172
MW-8R	d	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a	J	0.000922
MW-8R	d	Lead	7439-92-1	mg/L	9/29/2015	n/a	n/a	J	0.00011
MW-8R	d	Lead	7439-92-1	mg/L	9/29/2015	n/a	n/a	J	0.000468
MW-8R	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a		0.0124
MW-8R	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a		0.0131
MW-8R	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/29/2015	0.001	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/29/2015	0.001	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/29/2015	0.01	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/29/2015	n/a	n/a		0.0254
MW-8R	d	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/29/2015	4	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/29/2015	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a		20.4
MW-8R	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a		29.6
MW-9B	d	Antimony	7440-36-0	mg/L	9/29/2015	0.001	n/a	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	9/29/2015	n/a	n/a	J	0.00106
MW-9B	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.0338
MW-9B	d	Beryllium	7440-41-7	mg/L	9/29/2015	n/a	n/a	J	0.000046
MW-9B	d	Cadmium	7440-43-9	mg/L	9/29/2015	n/a	n/a	J	0.000185
MW-9B	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.00647
MW-9B	d	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a	J	0.00178
MW-9B	d	Lead	7439-92-1	mg/L	9/29/2015	n/a	n/a	J	0.000461
MW-9B	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a		0.0129
MW-9B	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
MW-9B	d	Silver	7440-22-4	mg/L	9/29/2015	0.001	n/a	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	9/29/2015	n/a	n/a	J	0.000072
MW-9B	d	Vanadium	7440-62-2	mg/L	9/29/2015	n/a	n/a	J	0.000628
MW-9B	d	Zinc	7440-66-6	mg/L	9/29/2015	n/a	n/a	J	0.00707
MW-9B	d	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
MW-9B	d	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	9/29/2015	4	n/a	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
MW-9B	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a		42.8
UD-B	d	Antimony	7440-36-0	mg/L	9/29/2015	n/a	n/a	J	0.000165
UD-B	d	Arsenic	7440-38-2	mg/L	9/29/2015	0.002	n/a	ND	
UD-B	d	Barium	7440-39-3	mg/L	9/29/2015	n/a	n/a		0.0853
UD-B	d	Beryllium	7440-41-7	mg/L	9/29/2015	n/a	n/a	J	0.000052
UD-B	d	Cadmium	7440-43-9	mg/L	9/29/2015	0.0005	n/a	ND	
UD-B	d	Chromium	7440-47-3	mg/L	9/29/2015	0.005	n/a	ND	
UD-B	d	Cobalt	7440-48-4	mg/L	9/29/2015	n/a	n/a		0.00239
UD-B	d	Copper	7440-50-8	mg/L	9/29/2015	n/a	n/a	J	0.000835
UD-B	d	Lead	7439-92-1	mg/L	9/29/2015	0.0005	n/a	ND	
UD-B	d	Nickel	7440-02-0	mg/L	9/29/2015	n/a	n/a		0.0175
UD-B	d	Selenium	7782-49-2	mg/L	9/29/2015	0.005	n/a	ND	
UD-B	d	Silver	7440-22-4	mg/L	9/29/2015	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-B	d	Thallium	7440-28-0	mg/L	9/29/2015	n/a	n/a	J	0.000057
UD-B	d	Vanadium	7440-62-2	mg/L	9/29/2015	0.005	n/a	ND	
UD-B	d	Zinc	7440-66-6	mg/L	9/29/2015	0.01	n/a	ND	
UD-B	d	Acetone	67-64-1	ug/L	9/29/2015	10	n/a	ND	
UD-B	d	Acrylonitrile	107-13-1	ug/L	9/29/2015	10	n/a	ND	
UD-B	d	Benzene	71-43-2	ug/L	9/29/2015	0.5	n/a	ND	
UD-B	d	Bromochloromethane	74-97-5	ug/L	9/29/2015	5	n/a	ND	
UD-B	d	Bromodichloromethane	75-27-4	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Bromoform	75-25-2	ug/L	9/29/2015	5	n/a	ND	
UD-B	d	2-Butanone	78-93-3	ug/L	9/29/2015	10	n/a	ND	
UD-B	d	Carbon Disulfide	75-15-0	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Carbon Tetrachloride	56-23-5	ug/L	9/29/2015	2	n/a	ND	
UD-B	d	Chlorobenzene	108-90-7	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Chloroethane	75-00-3	ug/L	9/29/2015	4	n/a	ND	
UD-B	d	Chloroform	67-66-3	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Chlorodibromomethane	124-48-1	ug/L	9/29/2015	5	n/a	ND	
UD-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/29/2015	0.5	n/a	ND	
UD-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/29/2015	0.13	n/a	ND	
UD-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/29/2015	10	n/a	ND	
UD-B	d	1,1-Dichloroethane	75-34-3	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	1,2-Dichloroethane	107-06-2	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	1,1-Dichloroethene	75-35-4	ug/L	9/29/2015	2	n/a	ND	
UD-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	1,2-Dichloropropane	78-87-5	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/29/2015	5	n/a	ND	
UD-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/29/2015	5	n/a	ND	
UD-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Ethylbenzene	100-41-4	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	2-Hexanone	591-78-6	ug/L	9/29/2015	10	n/a	ND	
UD-B	d	Bromomethane	74-83-9	ug/L	9/29/2015	4	n/a	ND	
UD-B	d	Chloromethane	74-87-3	ug/L	9/29/2015	3	n/a	ND	
UD-B	d	Iodomethane	74-88-4	ug/L	9/29/2015	10	n/a	ND	
UD-B	d	Methylene Bromide	74-95-3	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Methylene Chloride	75-09-2	ug/L	9/29/2015	5	n/a	ND	
UD-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/29/2015	10	n/a	ND	
UD-B	d	Styrene	100-42-5	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Tetrachloroethene	127-18-4	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Toluene	108-88-3	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Trichloroethene	79-01-6	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Trichlorofluoromethane	75-69-4	ug/L	9/29/2015	4	n/a	ND	
UD-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Vinyl Acetate	108-05-4	ug/L	9/29/2015	10	n/a	ND	
UD-B	d	Vinyl Chloride	75-01-4	ug/L	9/29/2015	1	n/a	ND	
UD-B	d	Xylenes, total	1330-20-7	ug/L	9/29/2015	3	n/a	ND	
UD-B	d	Total Suspended Solids	TSS	mg/L	9/29/2015	n/a	n/a	J	1.63
MW-26	d	Arsenic	7440-38-2	mg/L	9/30/2015	n/a	n/a		0.0305
MW-26	d	Total Suspended Solids	TSS	mg/L	9/30/2015	n/a	n/a		145
MW-1	d	Antimony	7440-36-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	9/30/2015	n/a	n/a		0.00859
MW-1	d	Arsenic	7440-38-2	mg/L	9/30/2015	n/a	n/a		0.00606
MW-1	d	Barium	7440-39-3	mg/L	9/30/2015	n/a	n/a		0.155
MW-1	d	Barium	7440-39-3	mg/L	9/30/2015	n/a	n/a		0.151
MW-1	d	Beryllium	7440-41-7	mg/L	9/30/2015	0.001	n/a	ND	
MW-1	d	Beryllium	7440-41-7	mg/L	9/30/2015	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/30/2015	0.0005	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/30/2015	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/30/2015	0.005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/30/2015	0.005	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/30/2015	n/a	n/a		0.000741
MW-1	d	Cobalt	7440-48-4	mg/L	9/30/2015	n/a	n/a		0.00114
MW-1	d	Copper	7440-50-8	mg/L	9/30/2015	n/a	n/a		0.00475
MW-1	d	Copper	7440-50-8	mg/L	9/30/2015	0.002	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/30/2015	0.0005	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/30/2015	0.0005	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/30/2015	0.005	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/30/2015	0.005	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/30/2015	0.001	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/30/2015	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/30/2015	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Vanadium	7440-62-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/30/2015	0.01	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/30/2015	0.01	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/30/2015	0.5	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/30/2015	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/30/2015	2	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/30/2015	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/30/2015	4	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/30/2015	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/30/2015	0.5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/30/2015	0.5	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/30/2015	0.13	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/30/2015	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/30/2015	2	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/30/2015	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/30/2015	4	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/30/2015	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/30/2015	3	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/30/2015	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/30/2015	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/30/2015	4	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/30/2015	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/30/2015	3	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/30/2015	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/30/2015	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/30/2015	1	n/a	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	9/30/2015	5	n/a	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	9/30/2015	n/a	n/a		11.4
MW-20	d	Arsenic	7440-38-2	mg/L	9/30/2015	n/a	n/a		0.0439
MW-20	d	Total Suspended Solids	TSS	mg/L	9/30/2015	n/a	n/a		218
MW-21	d	Arsenic	7440-38-2	mg/L	9/30/2015	n/a	n/a		0.0242
MW-21	d	Total Suspended Solids	TSS	mg/L	9/30/2015	n/a	n/a		161
MW-27	d	Arsenic	7440-38-2	mg/L	9/30/2015	n/a	n/a		0.028
MW-27	d	Total Suspended Solids	TSS	mg/L	9/30/2015	n/a	n/a		139
MW-2AR	d	Antimony	7440-36-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/30/2015	n/a	n/a		0.0394
MW-2AR	d	Barium	7440-39-3	mg/L	9/30/2015	n/a	n/a		0.822
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/30/2015	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/30/2015	n/a	n/a		0.00149
MW-2AR	d	Chromium	7440-47-3	mg/L	9/30/2015	0.005	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/30/2015	0.0005	n/a	ND	
MW-2AR	d	Copper	7440-50-8	mg/L	9/30/2015	n/a	n/a		0.0024
MW-2AR	d	Lead	7439-92-1	mg/L	9/30/2015	0.0005	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/30/2015	n/a	n/a		0.00771
MW-2AR	d	Selenium	7782-49-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/30/2015	0.001	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	9/30/2015	0.01	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	9/30/2015	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/30/2015	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/30/2015	n/a	n/a		0.502
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/30/2015	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/30/2015	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/30/2015	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/30/2015	4	n/a	ND	
MW-2AR	d	Chloroform	67-66-3	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/30/2015	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/30/2015	0.5	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/30/2015	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/30/2015	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/30/2015	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/30/2015	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/30/2015	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/30/2015	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/30/2015	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/30/2015	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/30/2015	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/30/2015	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/30/2015	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/30/2015	10	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/30/2015	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/30/2015	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/30/2015	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/30/2015	1	n/a	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	9/30/2015	n/a	n/a		77.3
MW-2BR	d	Antimony	7440-36-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/30/2015	n/a	n/a		0.0179
MW-2BR	d	Barium	7440-39-3	mg/L	9/30/2015	n/a	n/a		0.773
MW-2BR	d	Beryllium	7440-41-7	mg/L	9/30/2015	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	9/30/2015	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	9/30/2015	0.005	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	9/30/2015	n/a	n/a		0.000637
MW-2BR	d	Copper	7440-50-8	mg/L	9/30/2015	0.002	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	9/30/2015	0.0005	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	9/30/2015	0.005	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	9/30/2015	0.001	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	9/30/2015	0.01	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	9/30/2015	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	9/30/2015	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	9/30/2015	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	9/30/2015	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	9/30/2015	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	9/30/2015	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	9/30/2015	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	9/30/2015	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/30/2015	0.5	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/30/2015	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/30/2015	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	9/30/2015	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/30/2015	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/30/2015	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	9/30/2015	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	9/30/2015	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	9/30/2015	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	9/30/2015	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	9/30/2015	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	9/30/2015	4	n/a	ND	
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	9/30/2015	10	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	9/30/2015	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	9/30/2015	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/30/2015	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	9/30/2015	1	n/a	ND	
MW-2BR	d	Total Suspended Solids	TSS	mg/L	9/30/2015	n/a	n/a		56.4
MW-3	d	Antimony	7440-36-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	9/30/2015	n/a	n/a		0.00933
MW-3	d	Barium	7440-39-3	mg/L	9/30/2015	n/a	n/a		0.816
MW-3	d	Beryllium	7440-41-7	mg/L	9/30/2015	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/30/2015	0.0005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Chromium	7440-47-3	mg/L	9/30/2015	0.005	n/a	ND	
MW-3	d	Cobalt	7440-48-4	mg/L	9/30/2015	n/a	n/a		0.081
MW-3	d	Copper	7440-50-8	mg/L	9/30/2015	n/a	n/a		0.00744
MW-3	d	Lead	7439-92-1	mg/L	9/30/2015	n/a	n/a		0.0021
MW-3	d	Nickel	7440-02-0	mg/L	9/30/2015	n/a	n/a		0.138
MW-3	d	Selenium	7782-49-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	9/30/2015	0.001	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	9/30/2015	n/a	n/a		0.0138
MW-3	d	Acetone	67-64-1	ug/L	9/30/2015	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/30/2015	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/30/2015	0.5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/30/2015	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/30/2015	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/30/2015	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/30/2015	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/30/2015	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/30/2015	0.5	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/30/2015	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/30/2015	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/30/2015	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/30/2015	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/30/2015	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	9/30/2015	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/30/2015	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/30/2015	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/30/2015	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/30/2015	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/30/2015	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/30/2015	10	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/30/2015	3	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	9/30/2015	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/30/2015	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/30/2015	1	n/a	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	9/30/2015	n/a	n/a		19.3
MW-6A	u	Antimony	7440-36-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/30/2015	0.002	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	9/30/2015	n/a	n/a		0.279
MW-6A	u	Beryllium	7440-41-7	mg/L	9/30/2015	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/30/2015	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	9/30/2015	0.005	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	9/30/2015	0.0005	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	9/30/2015	0.002	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	9/30/2015	0.0005	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	9/30/2015	0.005	n/a	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/30/2015	0.001	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	9/30/2015	0.01	n/a	ND	
MW-6A	u	Acetone	67-64-1	ug/L	9/30/2015	10	n/a	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	9/30/2015	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	9/30/2015	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	9/30/2015	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	9/30/2015	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Carbon disulfide	75-15-0	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	9/30/2015	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	9/30/2015	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	9/30/2015	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/30/2015	0.5	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/30/2015	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/30/2015	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	9/30/2015	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/30/2015	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/30/2015	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	9/30/2015	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	9/30/2015	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	9/30/2015	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	9/30/2015	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	9/30/2015	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	9/30/2015	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	9/30/2015	10	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	9/30/2015	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	9/30/2015	10	n/a	ND	
MW-6A	u	Sulfide	18496-25-8	mg/L	9/30/2015	1	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/30/2015	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	9/30/2015	1	n/a	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	9/30/2015	5	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	9/30/2015	0.002	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	9/30/2015	n/a	n/a		0.047
MW-6B	u	Beryllium	7440-41-7	mg/L	9/30/2015	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	9/30/2015	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	9/30/2015	0.005	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	9/30/2015	n/a	n/a		0.00612
MW-6B	u	Copper	7440-50-8	mg/L	9/30/2015	0.002	n/a	ND	
MW-6B	u	Lead	7439-92-1	mg/L	9/30/2015	n/a	n/a		0.000513
MW-6B	u	Nickel	7440-02-0	mg/L	9/30/2015	n/a	n/a		0.00884
MW-6B	u	Selenium	7782-49-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	9/30/2015	0.001	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	9/30/2015	0.001	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	9/30/2015	0.005	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	9/30/2015	0.01	n/a	ND	
MW-6B	u	Acetone	67-64-1	ug/L	9/30/2015	10	n/a	ND	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	9/30/2015	10	n/a	ND	
MW-6B	u	Benzene	71-43-2	ug/L	9/30/2015	0.5	n/a	ND	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	9/30/2015	5	n/a	ND	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Bromoform	75-25-2	ug/L	9/30/2015	5	n/a	ND	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	9/30/2015	2	n/a	ND	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Chloroethane	75-00-3	ug/L	9/30/2015	4	n/a	ND	
MW-6B	u	Chloroform	67-66-3	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	9/30/2015	5	n/a	ND	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/30/2015	0.5	n/a	ND	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/30/2015	0.13	n/a	ND	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/30/2015	10	n/a	ND	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	9/30/2015	2	n/a	ND	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	9/30/2015	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/30/2015	5	n/a	ND	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/30/2015	5	n/a	ND	
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	2-Hexanone	591-78-6	ug/L	9/30/2015	10	n/a	ND	
MW-6B	u	Bromomethane	74-83-9	ug/L	9/30/2015	4	n/a	ND	
MW-6B	u	Chloromethane	74-87-3	ug/L	9/30/2015	3	n/a	ND	
MW-6B	u	Iodomethane	74-88-4	ug/L	9/30/2015	10	n/a	ND	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	9/30/2015	5	n/a	ND	
MW-6B	u	Styrene	100-42-5	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Toluene	108-88-3	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Trichloroethene	79-01-6	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	9/30/2015	4	n/a	ND	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	9/30/2015	10	n/a	ND	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	9/30/2015	3	n/a	ND	
MW-6B	u	2-Butanone	78-93-3	ug/L	9/30/2015	10	n/a	ND	
MW-6B	u	Sulfide	18496-25-8	mg/L	9/30/2015	1	n/a	ND	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/30/2015	10	n/a	ND	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	9/30/2015	1	n/a	ND	
MW-6B	u	Total Suspended Solids	TSS	mg/L	9/30/2015	n/a	n/a		58.4
MW-16	d	Antimony	7440-36-0	mg/L	1/13/2016	n/a	n/a	J	0.000202
MW-16	d	Arsenic	7440-38-2	mg/L	1/13/2016	n/a	n/a		0.00249
MW-16	d	Barium	7440-39-3	mg/L	1/13/2016	n/a	n/a		0.0673
MW-16	d	Beryllium	7440-41-7	mg/L	1/13/2016	0.001	n/a	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	1/13/2016	0.0005	n/a	ND	
MW-16	d	Chromium	7440-47-3	mg/L	1/13/2016	0.005	n/a	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	1/13/2016	n/a	n/a		0.000531
MW-16	d	Copper	7440-50-8	mg/L	1/13/2016	n/a	n/a		0.00415
MW-16	d	Lead	7439-92-1	mg/L	1/13/2016	n/a	n/a		0.000709
MW-16	d	Nickel	7440-02-0	mg/L	1/13/2016	n/a	n/a	J	0.00263
MW-16	d	Selenium	7782-49-2	mg/L	1/13/2016	0.005	n/a	ND	
MW-16	d	Silver	7440-22-4	mg/L	1/13/2016	0.001	n/a	ND	
MW-16	d	Thallium	7440-28-0	mg/L	1/13/2016	0.001	n/a	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	1/13/2016	n/a	n/a	J	0.000913
MW-16	d	Zinc	7440-66-6	mg/L	1/13/2016	0.01	n/a	ND	
MW-16	d	Acetone	67-64-1	ug/L	1/13/2016	10	n/a	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	1/13/2016	10	n/a	ND	
MW-16	d	Benzene	71-43-2	ug/L	1/13/2016	0.5	n/a	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	1/13/2016	5	n/a	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Bromoform	75-25-2	ug/L	1/13/2016	5	n/a	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	1/13/2016	10	n/a	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	1/13/2016	2	n/a	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	1/13/2016	4	n/a	ND	
MW-16	d	Chloroform	67-66-3	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	1/13/2016	5	n/a	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/13/2016	0.5	n/a	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/13/2016	0.13	n/a	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/13/2016	10	n/a	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	1/13/2016	2	n/a	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/13/2016	5	n/a	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/13/2016	5	n/a	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	1/13/2016	10	n/a	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	1/13/2016	4	n/a	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	1/13/2016	3	n/a	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	1/13/2016	10	n/a	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	1/13/2016	5	n/a	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/13/2016	10	n/a	ND	
MW-16	d	Styrene	100-42-5	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/13/2016	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Toluene	108-88-3	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	1/13/2016	4	n/a	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	1/13/2016	10	n/a	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	1/13/2016	1	n/a	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	1/13/2016	3	n/a	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	1/13/2016	n/a	n/a		152
MW-9B	d	Antimony	7440-36-0	mg/L	1/13/2016	n/a	n/a	J	0.000323
MW-9B	d	Arsenic	7440-38-2	mg/L	1/13/2016	n/a	n/a		0.00264
MW-9B	d	Barium	7440-39-3	mg/L	1/13/2016	n/a	n/a		0.0406
MW-9B	d	Beryllium	7440-41-7	mg/L	1/13/2016	0.001	n/a	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	1/13/2016	0.0005	n/a	ND	
MW-9B	d	Chromium	7440-47-3	mg/L	1/13/2016	0.005	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	1/13/2016	n/a	n/a		0.00996
MW-9B	d	Copper	7440-50-8	mg/L	1/13/2016	n/a	n/a		0.00267
MW-9B	d	Lead	7439-92-1	mg/L	1/13/2016	n/a	n/a		0.00186
MW-9B	d	Nickel	7440-02-0	mg/L	1/13/2016	n/a	n/a		0.0105
MW-9B	d	Selenium	7782-49-2	mg/L	1/13/2016	0.005	n/a	ND	
MW-9B	d	Silver	7440-22-4	mg/L	1/13/2016	n/a	n/a	J	0.000068
MW-9B	d	Thallium	7440-28-0	mg/L	1/13/2016	0.001	n/a	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	1/13/2016	n/a	n/a	J	0.000938
MW-9B	d	Zinc	7440-66-6	mg/L	1/13/2016	0.01	n/a	ND	
MW-9B	d	Acetone	67-64-1	ug/L	1/13/2016	10	n/a	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	1/13/2016	10	n/a	ND	
MW-9B	d	Benzene	71-43-2	ug/L	1/13/2016	0.5	n/a	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	1/13/2016	5	n/a	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	1/13/2016	5	n/a	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	1/13/2016	10	n/a	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	1/13/2016	2	n/a	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	1/13/2016	4	n/a	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	1/13/2016	5	n/a	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/13/2016	0.5	n/a	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	1/13/2016	0.13	n/a	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/13/2016	10	n/a	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	1/13/2016	2	n/a	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	1/13/2016	5	n/a	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	1/13/2016	5	n/a	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	1/13/2016	10	n/a	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	1/13/2016	4	n/a	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	1/13/2016	3	n/a	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	1/13/2016	10	n/a	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	1/13/2016	5	n/a	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	1/13/2016	10	n/a	ND	
MW-9B	d	Styrene	100-42-5	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Toluene	108-88-3	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	1/13/2016	4	n/a	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	1/13/2016	10	n/a	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	1/13/2016	1	n/a	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	1/13/2016	3	n/a	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	1/13/2016	n/a	n/a		107
MW-26	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0313
MW-26	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		122
GDW	d	Antimony	7440-36-0	mg/L	3/10/2016	n/a	n/a	J	0.000283
GDW	d	Arsenic	7440-38-2	mg/L	3/10/2016	0.002	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.173
GDW	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
GDW	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
GDW	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
GDW	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a	J	0.000157
GDW	d	Copper	7440-50-8	mg/L	3/10/2016	n/a	n/a	J	0.00166
GDW	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
GDW	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a	J	0.00348
GDW	d	Selenium	7782-49-2	mg/L	3/10/2016	n/a	n/a	J	0.000837
GDW	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
GDW	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
GDW	d	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
GDW	d	Zinc	7440-66-6	mg/L	3/10/2016	n/a	n/a	J	0.00746
GDW	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
GDW	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
GDW	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
GDW	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
GDW	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
GDW	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
GDW	d	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
GDW	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
GDW	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
GDW	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
GDW	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
GDW	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
GDW	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
GDW	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
GDW	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
GDW	d	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
GDW	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
GDW	d	Total Suspended Solids	TSS	mg/L	3/10/2016	1.88	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.00719
MW-1	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.149
MW-1	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.0017
MW-1	d	Copper	7440-50-8	mg/L	3/10/2016	0.005	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.0118
MW-1	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		16.1
MW-12	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/10/2016	0.002	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/10/2016	0.002	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.0518
MW-12	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.0526
MW-12	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-12	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/10/2016	n/a	n/a	J	0.00006
MW-12	d	Cadmium	7440-43-9	mg/L	3/10/2016	n/a	n/a	J	0.000066
MW-12	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a	J	0.000187
MW-12	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a	J	0.000186
MW-12	d	Copper	7440-50-8	mg/L	3/10/2016	n/a	n/a	J	0.00225
MW-12	d	Copper	7440-50-8	mg/L	3/10/2016	n/a	n/a	J	0.00215
MW-12	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.0185
MW-12	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.0189
MW-12	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/10/2016	n/a	n/a	J	0.00004
MW-12	d	Thallium	7440-28-0	mg/L	3/10/2016	n/a	n/a	J	0.000036
MW-12	d	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	3/10/2016	n/a	n/a	J	0.000263
MW-12	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/10/2016	n/a	n/a	J	0.556
MW-12	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	3/10/2016	1.88	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a	J	0.625
MW-13	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0476
MW-13	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.198
MW-13	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.0198
MW-13	d	Copper	7440-50-8	mg/L	3/10/2016	n/a	n/a	J	0.00145
MW-13	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.028
MW-13	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	3/10/2016	n/a	n/a	J	0.000319
MW-13	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	3/10/2016	n/a	n/a	J	2.98
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	3/10/2016	n/a	n/a	J	0.139
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	n/a	n/a	J	0.252
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/10/2016	n/a	n/a	J	5.49
MW-13	d	Sulfide	18496-25-8	mg/L	3/10/2016	1	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	3/10/2016	0.0364	n/a	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		33.3

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0126
MW-14	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.197
MW-14	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.000526
MW-14	d	Copper	7440-50-8	mg/L	3/10/2016	0.005	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	3/10/2016	n/a	n/a	J	0.000276
MW-14	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a	J	0.00161
MW-14	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	3/10/2016	n/a	n/a	J	0.000279
MW-14	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/10/2016	n/a	n/a	J	0.000328
MW-14	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-14	d	Tin	7440-31-5	mg/L	3/10/2016	0.005	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	3/10/2016	n/a	n/a	J	0.00942
MW-14	d	Delta-BHC	319-86-8	ug/L	3/10/2016	0.0348	n/a	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		23.8
MW-16	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a	J	0.00181
MW-16	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.0477
MW-16	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-16	d	Chromium	7440-47-3	mg/L	3/10/2016	n/a	n/a	J	0.000426
MW-16	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a	J	0.00043
MW-16	d	Copper	7440-50-8	mg/L	3/10/2016	0.005	n/a	ND	
MW-16	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-16	d	Nickel	7440-02-0	mg/L	3/10/2016	0.005	n/a	ND	
MW-16	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-16	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-16	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Vanadium	7440-62-2	mg/L	3/10/2016	n/a	n/a	J	0.000467
MW-16	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-16	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-16	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-16	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-16	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		60.1
MW-20	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0321
MW-20	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		82
MW-21	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0168
MW-21	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		123
MW-27	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0162
MW-27	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		127
MW-2AR	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-2AR	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0379
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0419
MW-2AR	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.985
MW-2AR	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.903
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.000532
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.000533
MW-2AR	d	Copper	7440-50-8	mg/L	3/10/2016	0.005	n/a	ND	
MW-2AR	d	Copper	7440-50-8	mg/L	3/10/2016	0.005	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.00951
MW-2AR	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.00948
MW-2AR	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-2AR	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/10/2016	n/a	n/a		0.669
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-2AR	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		144
MW-2AR	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		159
MW-2BR	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-2BR	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0116
MW-2BR	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.695
MW-2BR	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-2BR	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-2BR	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-2BR	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.000568
MW-2BR	d	Copper	7440-50-8	mg/L	3/10/2016	0.005	n/a	ND	
MW-2BR	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-2BR	d	Nickel	7440-02-0	mg/L	3/10/2016	0.005	n/a	ND	
MW-2BR	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-2BR	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-2BR	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-2BR	d	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-2BR	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-2BR	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-2BR	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-2BR	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-2BR	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-2BR	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-2BR	d	Carbon disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-2BR	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-2BR	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-2BR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-2BR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-2BR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-2BR	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-2BR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-2BR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-2BR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-2BR	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-2BR	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-2BR	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-2BR	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-2BR	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2BR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Vinyl acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-2BR	d	Vinyl chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-2BR	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-2BR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-2BR	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-2BR	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		73
MW-3	d	Antimony	7440-36-0	mg/L	3/10/2016	n/a	n/a		0.00126
MW-3	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0152
MW-3	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		1.96
MW-3	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-3	d	Chromium	7440-47-3	mg/L	3/10/2016	n/a	n/a		0.00612
MW-3	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.095
MW-3	d	Copper	7440-50-8	mg/L	3/10/2016	n/a	n/a		0.0117
MW-3	d	Lead	7439-92-1	mg/L	3/10/2016	n/a	n/a		0.00261
MW-3	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.166
MW-3	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-3	d	Zinc	7440-66-6	mg/L	3/10/2016	n/a	n/a		0.0435
MW-3	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/10/2016	n/a	n/a		1.57
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/10/2016	n/a	n/a		5.76
MW-3	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	n/a	n/a		3
MW-3	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	n/a	n/a		5.31
MW-3	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		55
MW-5AR	u	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/10/2016	0.002	n/a	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.03
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/10/2016	n/a	n/a	J	0.000036
MW-5AR	u	Chromium	7440-47-3	mg/L	3/10/2016	n/a	n/a	J	0.000577
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a	J	0.000039
MW-5AR	u	Copper	7440-50-8	mg/L	3/10/2016	n/a	n/a	J	0.00145

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	3/10/2016	0.005	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	3/10/2016	n/a	n/a	J	0.000872
MW-5AR	u	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/10/2016	n/a	n/a	J	0.000587
MW-5AR	u	Zinc	7440-66-6	mg/L	3/10/2016	n/a	n/a	J	0.00588
MW-5AR	u	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/10/2016	n/a	n/a	J	0.212
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-5AR	u	Sulfide	18496-25-8	mg/L	3/10/2016	1	n/a	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		3.5
MW-6A	u	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/10/2016	0.002	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.337
MW-6A	u	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/10/2016	0.0005	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	3/10/2016	0.005	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.00539
MW-6A	u	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-6A	u	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-6A	u	Sulfide	18496-25-8	mg/L	3/10/2016	1	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	3/10/2016	5	n/a	ND	
MW-6B	u	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-6B	u	Arsenic	7440-38-2	mg/L	3/10/2016	0.002	n/a	ND	
MW-6B	u	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.0491
MW-6B	u	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-6B	u	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
MW-6B	u	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-6B	u	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.00542
MW-6B	u	Copper	7440-50-8	mg/L	3/10/2016	0.005	n/a	ND	
MW-6B	u	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
MW-6B	u	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.0104
MW-6B	u	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-6B	u	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-6B	u	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-6B	u	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-6B	u	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-6B	u	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-6B	u	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-6B	u	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-6B	u	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-6B	u	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-6B	u	Carbon disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-6B	u	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-6B	u	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-6B	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-6B	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-6B	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-6B	u	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-6B	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-6B	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6B	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-6B	u	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-6B	u	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-6B	u	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-6B	u	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-6B	u	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-6B	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Vinyl acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-6B	u	Vinyl chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-6B	u	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-6B	u	Sulfide	18496-25-8	mg/L	3/10/2016	1	n/a	ND	
MW-6B	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-6B	u	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-6B	u	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		57.6
MW-8R	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a		0.0247
MW-8R	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.0287
MW-8R	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/10/2016	n/a	n/a	J	0.000048
MW-8R	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.00384
MW-8R	d	Copper	7440-50-8	mg/L	3/10/2016	n/a	n/a		0.00696
MW-8R	d	Lead	7439-92-1	mg/L	3/10/2016	n/a	n/a	J	0.000309
MW-8R	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.0113
MW-8R	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/10/2016	n/a	n/a	J	0.00643
MW-8R	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		136
MW-9B	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a	J	0.000858
MW-9B	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.0279
MW-9B	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	3/10/2016	n/a	n/a	J	0.00006
MW-9B	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.00453
MW-9B	d	Copper	7440-50-8	mg/L	3/10/2016	n/a	n/a	J	0.00176
MW-9B	d	Lead	7439-92-1	mg/L	3/10/2016	n/a	n/a	J	0.000231
MW-9B	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a	J	0.00453
MW-9B	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
MW-9B	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	3/10/2016	0.001	n/a	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	3/10/2016	n/a	n/a	J	0.000414
MW-9B	d	Zinc	7440-66-6	mg/L	3/10/2016	0.01	n/a	ND	
MW-9B	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
MW-9B	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
MW-9B	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		20.1
UD-B	d	Antimony	7440-36-0	mg/L	3/10/2016	0.001	n/a	ND	
UD-B	d	Arsenic	7440-38-2	mg/L	3/10/2016	n/a	n/a	J	0.000725
UD-B	d	Barium	7440-39-3	mg/L	3/10/2016	n/a	n/a		0.0875
UD-B	d	Beryllium	7440-41-7	mg/L	3/10/2016	0.001	n/a	ND	
UD-B	d	Cadmium	7440-43-9	mg/L	3/10/2016	0.0005	n/a	ND	
UD-B	d	Chromium	7440-47-3	mg/L	3/10/2016	0.005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-B	d	Cobalt	7440-48-4	mg/L	3/10/2016	n/a	n/a		0.00315
UD-B	d	Copper	7440-50-8	mg/L	3/10/2016	0.005	n/a	ND	
UD-B	d	Lead	7439-92-1	mg/L	3/10/2016	0.0005	n/a	ND	
UD-B	d	Nickel	7440-02-0	mg/L	3/10/2016	n/a	n/a		0.0178
UD-B	d	Selenium	7782-49-2	mg/L	3/10/2016	0.005	n/a	ND	
UD-B	d	Silver	7440-22-4	mg/L	3/10/2016	0.001	n/a	ND	
UD-B	d	Thallium	7440-28-0	mg/L	3/10/2016	n/a	n/a	J	0.000053
UD-B	d	Vanadium	7440-62-2	mg/L	3/10/2016	0.005	n/a	ND	
UD-B	d	Zinc	7440-66-6	mg/L	3/10/2016	n/a	n/a	J	0.00748
UD-B	d	Acetone	67-64-1	ug/L	3/10/2016	10	n/a	ND	
UD-B	d	Acrylonitrile	107-13-1	ug/L	3/10/2016	10	n/a	ND	
UD-B	d	Benzene	71-43-2	ug/L	3/10/2016	0.5	n/a	ND	
UD-B	d	Bromochloromethane	74-97-5	ug/L	3/10/2016	5	n/a	ND	
UD-B	d	Bromodichloromethane	75-27-4	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Bromoform	75-25-2	ug/L	3/10/2016	5	n/a	ND	
UD-B	d	2-Butanone	78-93-3	ug/L	3/10/2016	10	n/a	ND	
UD-B	d	Carbon Disulfide	75-15-0	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/10/2016	2	n/a	ND	
UD-B	d	Chlorobenzene	108-90-7	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Chloroethane	75-00-3	ug/L	3/10/2016	4	n/a	ND	
UD-B	d	Chloroform	67-66-3	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Chlorodibromomethane	124-48-1	ug/L	3/10/2016	5	n/a	ND	
UD-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/10/2016	0.5	n/a	ND	
UD-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/10/2016	0.13	n/a	ND	
UD-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/10/2016	10	n/a	ND	
UD-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/10/2016	2	n/a	ND	
UD-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/10/2016	5	n/a	ND	
UD-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/10/2016	5	n/a	ND	
UD-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Ethylbenzene	100-41-4	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	2-Hexanone	591-78-6	ug/L	3/10/2016	10	n/a	ND	
UD-B	d	Bromomethane	74-83-9	ug/L	3/10/2016	4	n/a	ND	
UD-B	d	Chloromethane	74-87-3	ug/L	3/10/2016	3	n/a	ND	
UD-B	d	Iodomethane	74-88-4	ug/L	3/10/2016	10	n/a	ND	
UD-B	d	Methylene Bromide	74-95-3	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Methylene Chloride	75-09-2	ug/L	3/10/2016	5	n/a	ND	
UD-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/10/2016	10	n/a	ND	
UD-B	d	Styrene	100-42-5	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Tetrachloroethene	127-18-4	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Toluene	108-88-3	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Trichloroethene	79-01-6	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/10/2016	4	n/a	ND	
UD-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Vinyl Acetate	108-05-4	ug/L	3/10/2016	10	n/a	ND	
UD-B	d	Vinyl Chloride	75-01-4	ug/L	3/10/2016	1	n/a	ND	
UD-B	d	Xylenes, total	1330-20-7	ug/L	3/10/2016	3	n/a	ND	
UD-B	d	Total Suspended Solids	TSS	mg/L	3/10/2016	n/a	n/a		1.88
GDW	d	Barium	7440-39-3	mg/L	4/7/2016	n/a	n/a		0.155
GDW	d	Total Suspended Solids	TSS	mg/L	4/7/2016	5	n/a	ND	
GDW	d	Calcium	7440-70-2	mg/L	4/7/2016	n/a	n/a		107
GDW	d	Magnesium	7439-95-4	mg/L	4/7/2016	n/a	n/a		33.2
GDW	d	Potassium	2023695	mg/L	4/7/2016	n/a	n/a		2.39
GDW	d	Sodium	7440-23-5	mg/L	4/7/2016	n/a	n/a		11.1
GDW	d	Chloride	16887-00-6	mg/L	4/7/2016	n/a	n/a		33.9
GDW	d	Sulfate	14808-79-8	mg/L	4/7/2016	n/a	n/a		43.4
GDW	d	Bicarbonate	BICARB	mg/L	4/7/2016	n/a	n/a		324
GDW	d	Carbonate	CARB	mg/L	4/7/2016	5	n/a	ND	
MW-16	d	Antimony	7440-36-0	mg/L	7/14/2016	0.001	n/a	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	7/14/2016	n/a	n/a		0.00736
MW-16	d	Barium	7440-39-3	mg/L	7/14/2016	n/a	n/a		0.0927
MW-16	d	Beryllium	7440-41-7	mg/L	7/14/2016	0.001	n/a	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	7/14/2016	0.0005	n/a	ND	
MW-16	d	Chromium	7440-47-3	mg/L	7/14/2016	0.005	n/a	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	7/14/2016	n/a	n/a	J	0.000418
MW-16	d	Copper	7440-50-8	mg/L	7/14/2016	0.005	n/a	ND	
MW-16	d	Lead	7439-92-1	mg/L	7/14/2016	n/a	n/a	J	0.000283
MW-16	d	Nickel	7440-02-0	mg/L	7/14/2016	0.005	n/a	ND	
MW-16	d	Selenium	7782-49-2	mg/L	7/14/2016	0.005	n/a	ND	
MW-16	d	Silver	7440-22-4	mg/L	7/14/2016	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Thallium	7440-28-0	mg/L	7/14/2016	n/a	n/a	J	0.000029
MW-16	d	Vanadium	7440-62-2	mg/L	7/14/2016	n/a	n/a	J	0.000887
MW-16	d	Zinc	7440-66-6	mg/L	7/14/2016	0.01	n/a	ND	
MW-16	d	Acetone	67-64-1	ug/L	7/14/2016	n/a	n/a	J	4.36
MW-16	d	Acrylonitrile	107-13-1	ug/L	7/14/2016	10	n/a	ND	
MW-16	d	Benzene	71-43-2	ug/L	7/14/2016	0.5	n/a	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	7/14/2016	5	n/a	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Bromoform	75-25-2	ug/L	7/14/2016	5	n/a	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	7/14/2016	10	n/a	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	7/14/2016	2	n/a	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	7/14/2016	4	n/a	ND	
MW-16	d	Chloroform	67-66-3	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	7/14/2016	5	n/a	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/14/2016	0.5	n/a	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/14/2016	0.13	n/a	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/14/2016	10	n/a	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	7/14/2016	2	n/a	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/14/2016	5	n/a	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/14/2016	5	n/a	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	7/14/2016	10	n/a	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	7/14/2016	4	n/a	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	7/14/2016	3	n/a	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	7/14/2016	10	n/a	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	7/14/2016	n/a	n/a	J	0.307
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/14/2016	10	n/a	ND	
MW-16	d	Styrene	100-42-5	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Toluene	108-88-3	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	7/14/2016	4	n/a	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	7/14/2016	10	n/a	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	7/14/2016	1	n/a	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	7/14/2016	3	n/a	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	7/14/2016	n/a	n/a		62.7
MW-9B	d	Antimony	7440-36-0	mg/L	7/14/2016	n/a	n/a	J	0.000267
MW-9B	d	Arsenic	7440-38-2	mg/L	7/14/2016	n/a	n/a	J	0.00107
MW-9B	d	Barium	7440-39-3	mg/L	7/14/2016	n/a	n/a		0.0301
MW-9B	d	Beryllium	7440-41-7	mg/L	7/14/2016	0.001	n/a	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	7/14/2016	n/a	n/a	J	0.000103
MW-9B	d	Chromium	7440-47-3	mg/L	7/14/2016	0.005	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	7/14/2016	n/a	n/a		0.00516
MW-9B	d	Copper	7440-50-8	mg/L	7/14/2016	n/a	n/a	J	0.00362
MW-9B	d	Lead	7439-92-1	mg/L	7/14/2016	n/a	n/a		0.000602
MW-9B	d	Nickel	7440-02-0	mg/L	7/14/2016	n/a	n/a		0.00728
MW-9B	d	Selenium	7782-49-2	mg/L	7/14/2016	0.005	n/a	ND	
MW-9B	d	Silver	7440-22-4	mg/L	7/14/2016	0.001	n/a	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	7/14/2016	n/a	n/a	J	0.000033
MW-9B	d	Vanadium	7440-62-2	mg/L	7/14/2016	n/a	n/a	J	0.000357
MW-9B	d	Zinc	7440-66-6	mg/L	7/14/2016	0.01	n/a	ND	
MW-9B	d	Acetone	67-64-1	ug/L	7/14/2016	10	n/a	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	7/14/2016	10	n/a	ND	
MW-9B	d	Benzene	71-43-2	ug/L	7/14/2016	0.5	n/a	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	7/14/2016	5	n/a	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	7/14/2016	5	n/a	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	7/14/2016	10	n/a	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	7/14/2016	2	n/a	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	7/14/2016	4	n/a	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	7/14/2016	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/14/2016	0.5	n/a	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/14/2016	0.13	n/a	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/14/2016	10	n/a	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	7/14/2016	2	n/a	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/14/2016	5	n/a	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/14/2016	5	n/a	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	7/14/2016	10	n/a	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	7/14/2016	4	n/a	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	7/14/2016	3	n/a	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	7/14/2016	10	n/a	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	7/14/2016	n/a	n/a	J	0.208
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/14/2016	10	n/a	ND	
MW-9B	d	Styrene	100-42-5	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Toluene	108-88-3	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	7/14/2016	4	n/a	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	7/14/2016	10	n/a	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	7/14/2016	1	n/a	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	7/14/2016	3	n/a	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	7/14/2016	n/a	n/a		10.3
GDW	d	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
GDW	d	Arsenic	7440-38-2	mg/L	9/21/2016	n/a	n/a		0.00581
GDW	d	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.281
GDW	d	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
GDW	d	Cadmium	7440-43-9	mg/L	9/21/2016	0.0005	n/a	ND	
GDW	d	Chromium	7440-47-3	mg/L	9/21/2016	0.005	n/a	ND	
GDW	d	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a		0.00336
GDW	d	Copper	7440-50-8	mg/L	9/21/2016	0.005	n/a	ND	
GDW	d	Lead	7439-92-1	mg/L	9/21/2016	0.0005	n/a	ND	
GDW	d	Nickel	7440-02-0	mg/L	9/21/2016	n/a	n/a		0.0082
GDW	d	Selenium	7782-49-2	mg/L	9/21/2016	0.005	n/a	ND	
GDW	d	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	
GDW	d	Thallium	7440-28-0	mg/L	9/21/2016	0.001	n/a	ND	
GDW	d	Vanadium	7440-62-2	mg/L	9/21/2016	n/a	n/a	J	0.00031
GDW	d	Zinc	7440-66-6	mg/L	9/21/2016	n/a	n/a		0.01
GDW	d	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
GDW	d	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
GDW	d	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
GDW	d	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
GDW	d	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
GDW	d	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
GDW	d	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
GDW	d	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
GDW	d	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
GDW	d	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
GDW	d	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
GDW	d	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
GDW	d	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
GDW	d	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	
GDW	d	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
GDW	d	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
GDW	d	Total Suspended Solids	TSS	mg/L	9/21/2016	n/a	n/a		14
MW-12	d	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	9/21/2016	0.002	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.0928
MW-12	d	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/21/2016	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	9/21/2016	0.005	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a		0.00624
MW-12	d	Copper	7440-50-8	mg/L	9/21/2016	0.005	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	9/21/2016	0.0005	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/21/2016	n/a	n/a		0.0358
MW-12	d	Selenium	7782-49-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	9/21/2016	n/a	n/a	J	0.000067
MW-12	d	Vanadium	7440-62-2	mg/L	9/21/2016	n/a	n/a	J	0.000279
MW-12	d	Zinc	7440-66-6	mg/L	9/21/2016	0.01	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
MW-12	d	Mercury	7439-97-6	mg/L	9/21/2016	0.0002	n/a	ND	
MW-12	d	Tin	7440-31-5	mg/L	9/21/2016	0.005	n/a	ND	
MW-12	d	Acrolein	107-02-8	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	3-Chloropropene	107-05-1	ug/L	9/21/2016	2	n/a	ND	
MW-12	d	Chloroprene	126-99-8	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Dichlorodifluoromethane	75-71-8	ug/L	9/21/2016	3	n/a	ND	
MW-12	d	1,3-Dichloropropane	142-28-9	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	2,2-Dichloropropane	594-20-7	ug/L	9/21/2016	4	n/a	ND	
MW-12	d	1,1-Dichloropropene	563-58-6	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/21/2016	1	n/a	ND	
MW-12	d	Ethyl Methacrylate	97-63-2	ug/L	9/21/2016	2	n/a	ND	
MW-12	d	Methacrylonitrile	126-98-7	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	Methyl Methacrylate	80-62-6	ug/L	9/21/2016	2	n/a	ND	
MW-12	d	Naphthalene	91-20-3	ug/L	9/21/2016	5	n/a	ND	
MW-12	d	Propionitrile	107-12-0	ug/L	9/21/2016	10	n/a	ND	
MW-12	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/21/2016	5	n/a	ND	
MW-12	d	Acenaphthene	83-32-9	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Acenaphthylene	208-96-8	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Acetophenone	98-86-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2-Acetylaminofluorene	53-96-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	4-Aminobiphenyl	92-67-1	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Anthracene	120-12-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Benzo [a] anthracene	56-55-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Benzo [a] pyrene	50-32-8	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Benzyl alcohol	100-51-6	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/21/2016	n/a	n/a	J	0.947
MW-12	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Butyl benzyl phthalate	85-68-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	4-Chloroaniline	106-47-8	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Chlorobenzilate	510-15-6	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2-Chloronaphthalene	91-58-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2-Chlorophenol	95-57-8	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Chrysene	218-01-9	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	3/4-Methylphenol	T-34MP	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2-Methylphenol	95-48-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Diallate [cis or trans]	2303-16-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Dibenzofuran	132-64-9	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Di-n-butyl phthalate	84-74-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/21/2016	52.1	n/a	ND	
MW-12	d	2,4-Dichlorophenol	120-83-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2,6-Dichlorophenol	87-65-0	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Diethyl phthalate	84-66-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Thionazin	297-97-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Dimethoate	60-51-5	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2,4-Dimethylphenol	105-67-9	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Dimethyl phthalate	131-11-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2,4-Dinitrophenol	51-28-5	ug/L	9/21/2016	20.8	n/a	ND	
MW-12	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Di-n-octyl phthalate	117-84-0	ug/L	9/21/2016	20.8	n/a	ND	
MW-12	d	Diphenylamine	122-39-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Disulfoton	298-04-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Famphur	52-85-7	ug/L	9/21/2016	20.8	n/a	ND	
MW-12	d	Fluoranthene	206-44-0	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Fluorene	86-73-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Hexachlorobenzene	118-74-1	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Hexachlorobutadiene	87-68-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/21/2016	20.8	n/a	ND	
MW-12	d	Hexachloroethane	67-72-1	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Hexachloropropene	1888-71-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Isodrin	465-73-6	ug/L	9/21/2016	10.4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Isophorone	78-59-1	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Isosafrole	120-58-1	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Kepone	143-50-0	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Methapyrilene	91-80-5	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	3-Methylcholanthrene	56-49-5	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Methyl Methanesulfonate	66-27-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2-Methylnaphthalene	91-57-6	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Parathion-Methyl	298-00-0	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	1,4-Naphthoquinone	130-15-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	1-Naphthylamine	134-32-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2-Naphthylamine	91-59-8	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2-Nitroaniline	88-74-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	3-Nitroaniline	99-09-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	4-Nitroaniline	100-01-6	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Nitrobenzene	98-95-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2-Nitrophenol	88-75-5	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	4-Nitrophenol	100-02-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	N-Nitrosopiperidine	100-75-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Parathion-Ethyl	56-38-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Pentachlorobenzene	608-93-5	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Pentachloronitrobenzene	82-68-8	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Phenacetin	62-44-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Phenanthrene	85-01-8	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Phenol	108-95-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	1,4-Phenylenediamine	106-50-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Phorate	298-02-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Pronamide	23950-58-5	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Pyrene	129-00-0	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Safrole	94-59-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	o-Toluidine	95-53-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Dinoseb	88-85-7	ug/L	9/21/2016	10.4	n/a	ND	
MW-12	d	Acetonitrile	75-05-8	ug/L	9/21/2016	10000	n/a	ND	
MW-12	d	Isobutanol	78-83-1	mg/L	9/21/2016	10	n/a	ND	
MW-12	d	PCB-1016	12674-11-2	ug/L	9/21/2016	0.825	n/a	ND	
MW-12	d	PCB-1221	11104-28-2	ug/L	9/21/2016	0.825	n/a	ND	
MW-12	d	PCB-1232	11141-16-5	ug/L	9/21/2016	0.825	n/a	ND	
MW-12	d	PCB-1242	53469-21-9	ug/L	9/21/2016	0.825	n/a	ND	
MW-12	d	PCB-1248	12672-29-6	ug/L	9/21/2016	0.825	n/a	ND	
MW-12	d	PCB-1254	11097-69-1	ug/L	9/21/2016	0.825	n/a	ND	
MW-12	d	PCB-1260	11096-82-5	ug/L	9/21/2016	0.825	n/a	ND	
MW-12	d	Cyanide	57-12-5	mg/L	9/21/2016	0.01	n/a	ND	
MW-12	d	Sulfide	18496-25-8	mg/L	9/21/2016	1	n/a	ND	
MW-12	d	2,4-D [2C]	94-75-7	ug/L	9/21/2016	1.15	n/a	ND	
MW-12	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/21/2016	1.15	n/a	ND	
MW-12	d	2,4,5-T [2C]	93-76-5	ug/L	9/21/2016	1.15	n/a	ND	
MW-12	d	Alpha-BHC	319-84-6	ug/L	9/21/2016	n/a	n/a	J	0.00433
MW-12	d	Beta-BHC	319-85-7	ug/L	9/21/2016	n/a	n/a	J	0.00532
MW-12	d	Dieldrin	60-57-1	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	4,4'-DDE	72-55-9	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Delta-BHC	319-86-8	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Endrin	72-20-8	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/21/2016	n/a	n/a	J	0.00223
MW-12	d	Endosulfan II	33213-65-9	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Heptachlor	76-44-8	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	4,4'-DDD	72-54-8	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Aldrin	309-00-2	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Endosulfan sulfate	1031-07-8	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Heptachlor Epoxide	1024-57-3	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	4,4'-DDT	50-29-3	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Endosulfan I	959-98-8	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Methoxychlor	72-43-5	ug/L	9/21/2016	0.0348	n/a	ND	
MW-12	d	Toxaphene	8001-35-2	ug/L	9/21/2016	2.17	n/a	ND	
MW-12	d	Endrin aldehyde	7421-93-4	ug/L	9/21/2016	n/a	n/a	J	0.0128
MW-12	d	Chlordane	57-74-9	ug/L	9/21/2016	n/a	n/a	J	0.8

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Total Suspended Solids	TSS	mg/L	9/21/2016	n/a	n/a	J	1.25
MW-13	d	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	9/21/2016	n/a	n/a		0.0866
MW-13	d	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.278
MW-13	d	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	9/21/2016	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/21/2016	0.005	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a		0.0214
MW-13	d	Copper	7440-50-8	mg/L	9/21/2016	n/a	n/a		0.0113
MW-13	d	Lead	7439-92-1	mg/L	9/21/2016	n/a	n/a	J	0.000249
MW-13	d	Nickel	7440-02-0	mg/L	9/21/2016	n/a	n/a		0.0288
MW-13	d	Selenium	7782-49-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/21/2016	n/a	n/a	J	0.000262
MW-13	d	Zinc	7440-66-6	mg/L	9/21/2016	n/a	n/a	J	0.00794
MW-13	d	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/21/2016	n/a	n/a	J	0.886
MW-13	d	Sulfide	18496-25-8	mg/L	9/21/2016	1	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	9/21/2016	0.0352	n/a	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	9/21/2016	n/a	n/a		77.2
MW-14	d	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	9/21/2016	n/a	n/a		0.0322
MW-14	d	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.3
MW-14	d	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	9/21/2016	0.0005	n/a	ND	
MW-14	d	Chromium	7440-47-3	mg/L	9/21/2016	0.005	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a		0.000701
MW-14	d	Copper	7440-50-8	mg/L	9/21/2016	0.005	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	9/21/2016	0.0005	n/a	ND	
MW-14	d	Nickel	7440-02-0	mg/L	9/21/2016	n/a	n/a	J	0.00186
MW-14	d	Selenium	7782-49-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Thallium	7440-28-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	9/21/2016	n/a	n/a	J	0.00075
MW-14	d	Zinc	7440-66-6	mg/L	9/21/2016	0.01	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
MW-14	d	Tin	7440-31-5	mg/L	9/21/2016	0.005	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	9/21/2016	0.032	n/a	ND	
MW-14	d	Delta-BHC	319-86-8	ug/L	9/21/2016	0.032	n/a	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	9/21/2016	n/a	n/a		41
MW-16	d	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	9/21/2016	n/a	n/a		0.00513
MW-16	d	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.0854
MW-16	d	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	9/21/2016	0.0005	n/a	ND	
MW-16	d	Chromium	7440-47-3	mg/L	9/21/2016	0.005	n/a	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a		0.000503
MW-16	d	Copper	7440-50-8	mg/L	9/21/2016	0.005	n/a	ND	
MW-16	d	Lead	7439-92-1	mg/L	9/21/2016	n/a	n/a	J	0.000213
MW-16	d	Nickel	7440-02-0	mg/L	9/21/2016	0.005	n/a	ND	
MW-16	d	Selenium	7782-49-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-16	d	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	
MW-16	d	Thallium	7440-28-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	9/21/2016	n/a	n/a	J	0.000498
MW-16	d	Zinc	7440-66-6	mg/L	9/21/2016	0.01	n/a	ND	
MW-16	d	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
MW-16	d	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
MW-16	d	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
MW-16	d	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	9/21/2016	n/a	n/a		47
MW-5AR	u	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/21/2016	0.002	n/a	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.0426
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/21/2016	n/a	n/a	J	0.000055
MW-5AR	u	Chromium	7440-47-3	mg/L	9/21/2016	n/a	n/a	J	0.000497
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a	J	0.000029
MW-5AR	u	Copper	7440-50-8	mg/L	9/21/2016	0.005	n/a	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	9/21/2016	0.0005	n/a	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	9/21/2016	0.005	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	9/21/2016	n/a	n/a	J	0.000953
MW-5AR	u	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/21/2016	n/a	n/a	J	0.000684
MW-5AR	u	Zinc	7440-66-6	mg/L	9/21/2016	0.01	n/a	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
MW-5AR	u	Sulfide	18496-25-8	mg/L	9/21/2016	1	n/a	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	9/21/2016	n/a	n/a		2.88
MW-8R	d	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-8R	d	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/21/2016	n/a	n/a		0.00698
MW-8R	d	Arsenic	7440-38-2	mg/L	9/21/2016	n/a	n/a		0.00854
MW-8R	d	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.0254
MW-8R	d	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.0263
MW-8R	d	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
MW-8R	d	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/21/2016	0.0005	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/21/2016	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/21/2016	0.005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/21/2016	0.005	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a		0.00646
MW-8R	d	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a		0.00646
MW-8R	d	Copper	7440-50-8	mg/L	9/21/2016	0.005	n/a	ND	
MW-8R	d	Copper	7440-50-8	mg/L	9/21/2016	0.005	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	9/21/2016	0.0005	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	9/21/2016	0.0005	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	9/21/2016	n/a	n/a		0.0112
MW-8R	d	Nickel	7440-02-0	mg/L	9/21/2016	n/a	n/a		0.0114
MW-8R	d	Selenium	7782-49-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-8R	d	Selenium	7782-49-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/21/2016	0.01	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/21/2016	0.01	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	9/21/2016	n/a	n/a		43.4
MW-8R	d	Total Suspended Solids	TSS	mg/L	9/21/2016	n/a	n/a		55.9
MW-9B	d	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	9/21/2016	n/a	n/a	J	0.00177
MW-9B	d	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.0293
MW-9B	d	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	9/21/2016	0.0005	n/a	ND	
MW-9B	d	Chromium	7440-47-3	mg/L	9/21/2016	0.005	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a		0.00492
MW-9B	d	Copper	7440-50-8	mg/L	9/21/2016	0.005	n/a	ND	
MW-9B	d	Lead	7439-92-1	mg/L	9/21/2016	0.0005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Nickel	7440-02-0	mg/L	9/21/2016	n/a	n/a		0.00514
MW-9B	d	Selenium	7782-49-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-9B	d	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	9/21/2016	0.001	n/a	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	9/21/2016	0.005	n/a	ND	
MW-9B	d	Zinc	7440-66-6	mg/L	9/21/2016	0.01	n/a	ND	
MW-9B	d	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
MW-9B	d	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
MW-9B	d	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	9/21/2016	n/a	n/a		12.3
UD-B	d	Antimony	7440-36-0	mg/L	9/21/2016	0.001	n/a	ND	
UD-B	d	Arsenic	7440-38-2	mg/L	9/21/2016	0.002	n/a	ND	
UD-B	d	Barium	7440-39-3	mg/L	9/21/2016	n/a	n/a		0.0876
UD-B	d	Beryllium	7440-41-7	mg/L	9/21/2016	0.001	n/a	ND	
UD-B	d	Cadmium	7440-43-9	mg/L	9/21/2016	n/a	n/a	J	0.000061
UD-B	d	Chromium	7440-47-3	mg/L	9/21/2016	0.005	n/a	ND	
UD-B	d	Cobalt	7440-48-4	mg/L	9/21/2016	n/a	n/a		0.00176
UD-B	d	Copper	7440-50-8	mg/L	9/21/2016	n/a	n/a	J	0.00171
UD-B	d	Lead	7439-92-1	mg/L	9/21/2016	0.0005	n/a	ND	
UD-B	d	Nickel	7440-02-0	mg/L	9/21/2016	n/a	n/a		0.0215
UD-B	d	Selenium	7782-49-2	mg/L	9/21/2016	0.005	n/a	ND	
UD-B	d	Silver	7440-22-4	mg/L	9/21/2016	0.001	n/a	ND	
UD-B	d	Thallium	7440-28-0	mg/L	9/21/2016	n/a	n/a	J	0.000054
UD-B	d	Vanadium	7440-62-2	mg/L	9/21/2016	0.005	n/a	ND	
UD-B	d	Zinc	7440-66-6	mg/L	9/21/2016	0.01	n/a	ND	
UD-B	d	Acetone	67-64-1	ug/L	9/21/2016	10	n/a	ND	
UD-B	d	Acrylonitrile	107-13-1	ug/L	9/21/2016	10	n/a	ND	
UD-B	d	Benzene	71-43-2	ug/L	9/21/2016	0.5	n/a	ND	
UD-B	d	Bromochloromethane	74-97-5	ug/L	9/21/2016	5	n/a	ND	
UD-B	d	Bromodichloromethane	75-27-4	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Bromoform	75-25-2	ug/L	9/21/2016	5	n/a	ND	
UD-B	d	2-Butanone	78-93-3	ug/L	9/21/2016	10	n/a	ND	
UD-B	d	Carbon Disulfide	75-15-0	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Carbon Tetrachloride	56-23-5	ug/L	9/21/2016	2	n/a	ND	
UD-B	d	Chlorobenzene	108-90-7	ug/L	9/21/2016	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-B	d	Chloroethane	75-00-3	ug/L	9/21/2016	4	n/a	ND	
UD-B	d	Chloroform	67-66-3	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Chlorodibromomethane	124-48-1	ug/L	9/21/2016	5	n/a	ND	
UD-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/21/2016	0.5	n/a	ND	
UD-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/21/2016	0.13	n/a	ND	
UD-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/21/2016	10	n/a	ND	
UD-B	d	1,1-Dichloroethane	75-34-3	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	1,2-Dichloroethane	107-06-2	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	1,1-Dichloroethene	75-35-4	ug/L	9/21/2016	2	n/a	ND	
UD-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	1,2-Dichloropropane	78-87-5	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/21/2016	5	n/a	ND	
UD-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/21/2016	5	n/a	ND	
UD-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Ethylbenzene	100-41-4	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	2-Hexanone	591-78-6	ug/L	9/21/2016	10	n/a	ND	
UD-B	d	Bromomethane	74-83-9	ug/L	9/21/2016	4	n/a	ND	
UD-B	d	Chloromethane	74-87-3	ug/L	9/21/2016	3	n/a	ND	
UD-B	d	Iodomethane	74-88-4	ug/L	9/21/2016	10	n/a	ND	
UD-B	d	Methylene Bromide	74-95-3	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Methylene Chloride	75-09-2	ug/L	9/21/2016	5	n/a	ND	
UD-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/21/2016	10	n/a	ND	
UD-B	d	Styrene	100-42-5	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Tetrachloroethene	127-18-4	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Toluene	108-88-3	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Trichloroethene	79-01-6	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Trichlorofluoromethane	75-69-4	ug/L	9/21/2016	4	n/a	ND	
UD-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Vinyl Acetate	108-05-4	ug/L	9/21/2016	10	n/a	ND	
UD-B	d	Vinyl Chloride	75-01-4	ug/L	9/21/2016	1	n/a	ND	
UD-B	d	Xylenes, total	1330-20-7	ug/L	9/21/2016	3	n/a	ND	
UD-B	d	Total Suspended Solids	TSS	mg/L	9/21/2016	1.88	n/a	ND	
MW-26	d	Arsenic	7440-38-2	mg/L	9/22/2016	n/a	n/a		0.0127
MW-26	d	Total Suspended Solids	TSS	mg/L	9/22/2016	n/a	n/a		51.5
MW-1	d	Antimony	7440-36-0	mg/L	9/22/2016	0.001	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	9/22/2016	n/a	n/a		0.0113
MW-1	d	Barium	7440-39-3	mg/L	9/22/2016	n/a	n/a		0.151
MW-1	d	Beryllium	7440-41-7	mg/L	9/22/2016	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/22/2016	0.0005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/22/2016	0.005	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/22/2016	n/a	n/a		0.00335
MW-1	d	Copper	7440-50-8	mg/L	9/22/2016	0.005	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/22/2016	0.0005	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/22/2016	0.005	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/22/2016	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/22/2016	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/22/2016	0.001	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/22/2016	0.005	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/22/2016	0.01	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/22/2016	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/22/2016	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/22/2016	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/22/2016	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/22/2016	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/22/2016	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/22/2016	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/22/2016	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/22/2016	0.5	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/22/2016	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/22/2016	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2016	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/22/2016	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/22/2016	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/22/2016	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/22/2016	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/22/2016	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/22/2016	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/22/2016	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/22/2016	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/22/2016	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/22/2016	10	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/22/2016	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/22/2016	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/22/2016	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/22/2016	1	n/a	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	9/22/2016	n/a	n/a		10.3
MW-20	d	Arsenic	7440-38-2	mg/L	9/22/2016	n/a	n/a		0.0102
MW-20	d	Total Suspended Solids	TSS	mg/L	9/22/2016	n/a	n/a		36
MW-21	d	Arsenic	7440-38-2	mg/L	9/22/2016	n/a	n/a		0.0201
MW-21	d	Total Suspended Solids	TSS	mg/L	9/22/2016	n/a	n/a		44.5
MW-27	d	Arsenic	7440-38-2	mg/L	9/22/2016	n/a	n/a		0.0336
MW-27	d	Total Suspended Solids	TSS	mg/L	9/22/2016	n/a	n/a		51.3
MW-2AR	d	Antimony	7440-36-0	mg/L	9/22/2016	0.001	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/22/2016	n/a	n/a		0.0345
MW-2AR	d	Barium	7440-39-3	mg/L	9/22/2016	n/a	n/a		1.05
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/22/2016	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/22/2016	0.0005	n/a	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	9/22/2016	0.005	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/22/2016	n/a	n/a		0.000707
MW-2AR	d	Copper	7440-50-8	mg/L	9/22/2016	0.005	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	9/22/2016	0.0005	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/22/2016	n/a	n/a		0.012
MW-2AR	d	Selenium	7782-49-2	mg/L	9/22/2016	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/22/2016	0.001	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/22/2016	0.001	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/22/2016	0.005	n/a	ND	
MW-2AR	d	Zinc	7440-66-6	mg/L	9/22/2016	0.01	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	9/22/2016	10	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/22/2016	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/22/2016	n/a	n/a		1.49
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/22/2016	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/22/2016	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/22/2016	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/22/2016	4	n/a	ND	
MW-2AR	d	Chloroform	67-66-3	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/22/2016	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/22/2016	0.5	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/22/2016	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/22/2016	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2016	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/22/2016	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/22/2016	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/22/2016	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/22/2016	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/22/2016	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/22/2016	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/22/2016	5	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/22/2016	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/22/2016	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/22/2016	10	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/22/2016	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/22/2016	10	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/22/2016	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/22/2016	1	n/a	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	9/22/2016	n/a	n/a		132
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/22/2016	n/a	n/a		0.015
MW-2BR	d	Total Suspended Solids	TSS	mg/L	9/22/2016	n/a	n/a		54.5
MW-3	d	Antimony	7440-36-0	mg/L	9/22/2016	n/a	n/a		0.00185
MW-3	d	Antimony	7440-36-0	mg/L	9/22/2016	n/a	n/a		0.00166
MW-3	d	Arsenic	7440-38-2	mg/L	9/22/2016	n/a	n/a		0.0558
MW-3	d	Arsenic	7440-38-2	mg/L	9/22/2016	n/a	n/a		0.053
MW-3	d	Barium	7440-39-3	mg/L	9/22/2016	n/a	n/a		3.1
MW-3	d	Barium	7440-39-3	mg/L	9/22/2016	n/a	n/a		2.9
MW-3	d	Beryllium	7440-41-7	mg/L	9/22/2016	0.001	n/a	ND	
MW-3	d	Beryllium	7440-41-7	mg/L	9/22/2016	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/22/2016	n/a	n/a		0.00136
MW-3	d	Cadmium	7440-43-9	mg/L	9/22/2016	n/a	n/a		0.00111
MW-3	d	Chromium	7440-47-3	mg/L	9/22/2016	n/a	n/a		0.0096
MW-3	d	Chromium	7440-47-3	mg/L	9/22/2016	n/a	n/a		0.00877
MW-3	d	Cobalt	7440-48-4	mg/L	9/22/2016	n/a	n/a		0.0916
MW-3	d	Cobalt	7440-48-4	mg/L	9/22/2016	n/a	n/a		0.0962
MW-3	d	Copper	7440-50-8	mg/L	9/22/2016	n/a	n/a		0.0252
MW-3	d	Copper	7440-50-8	mg/L	9/22/2016	n/a	n/a		0.0276
MW-3	d	Lead	7439-92-1	mg/L	9/22/2016	n/a	n/a		0.00274
MW-3	d	Lead	7439-92-1	mg/L	9/22/2016	n/a	n/a		0.00254
MW-3	d	Nickel	7440-02-0	mg/L	9/22/2016	n/a	n/a		0.21
MW-3	d	Nickel	7440-02-0	mg/L	9/22/2016	n/a	n/a		0.213
MW-3	d	Selenium	7782-49-2	mg/L	9/22/2016	0.005	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	9/22/2016	0.005	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	9/22/2016	0.001	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	9/22/2016	0.001	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/22/2016	0.001	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/22/2016	0.001	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	9/22/2016	n/a	n/a		0.00938
MW-3	d	Vanadium	7440-62-2	mg/L	9/22/2016	n/a	n/a		0.00839
MW-3	d	Zinc	7440-66-6	mg/L	9/22/2016	n/a	n/a		0.031
MW-3	d	Zinc	7440-66-6	mg/L	9/22/2016	n/a	n/a		0.0376
MW-3	d	Acetone	67-64-1	ug/L	9/22/2016	17.9	n/a	ND	
MW-3	d	Acetone	67-64-1	ug/L	9/22/2016	17.9	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/22/2016	n/a	n/a		3.33
MW-3	d	Benzene	71-43-2	ug/L	9/22/2016	1.1	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/22/2016	1.2	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/22/2016	1.2	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/22/2016	1.5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/22/2016	1.5	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/22/2016	2.4	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/22/2016	2.4	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/22/2016	1.9	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/22/2016	1.9	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/22/2016	4	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/22/2016	4	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	9/22/2016	n/a	n/a		7
MW-3	d	Chloroform	67-66-3	ug/L	9/22/2016	n/a	n/a		10.1
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/22/2016	1.3	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/22/2016	1.3	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/22/2016	2.1	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/22/2016	2.1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2016	1.8	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/22/2016	1.8	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2016	2	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/22/2016	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2016	1.3	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2016	1.3	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2016	2.1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2016	2.1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/22/2016	8.7	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/22/2016	8.7	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/22/2016	1.4	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/22/2016	1.4	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/22/2016	2	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/22/2016	2	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/22/2016	n/a	n/a		5.44
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/22/2016	n/a	n/a		5.71
MW-3	d	2-Hexanone	591-78-6	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/22/2016	4	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/22/2016	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/22/2016	3.1	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/22/2016	3.1	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/22/2016	5	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/22/2016	1	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/22/2016	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/22/2016	2.1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/22/2016	2.1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/22/2016	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/22/2016	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/22/2016	1.8	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/22/2016	1.8	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/22/2016	1.5	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/22/2016	1.5	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/22/2016	1.2	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/22/2016	1.2	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/22/2016	1.2	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/22/2016	1.2	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/22/2016	1.9	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/22/2016	1.9	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/22/2016	4	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/22/2016	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/22/2016	1.9	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/22/2016	1.9	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/22/2016	1	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/22/2016	1	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/22/2016	n/a	n/a		8.79
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/22/2016	n/a	n/a		8.83
MW-3	d	2-Butanone	78-93-3	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/22/2016	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/22/2016	1.8	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/22/2016	1.8	n/a	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	9/22/2016	n/a	n/a		84
MW-3	d	Total Suspended Solids	TSS	mg/L	9/22/2016	n/a	n/a		70
MW-6A	u	Antimony	7440-36-0	mg/L	9/22/2016	0.001	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/22/2016	0.002	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	9/22/2016	n/a	n/a		0.399
MW-6A	u	Beryllium	7440-41-7	mg/L	9/22/2016	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/22/2016	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	9/22/2016	0.005	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	9/22/2016	0.0005	n/a	ND	
MW-6A	u	Copper	7440-50-8	mg/L	9/22/2016	0.005	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	9/22/2016	0.0005	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	9/22/2016	n/a	n/a		0.00687
MW-6A	u	Selenium	7782-49-2	mg/L	9/22/2016	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/22/2016	0.001	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	9/22/2016	0.001	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/22/2016	0.005	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	9/22/2016	0.01	n/a	ND	
MW-6A	u	Acetone	67-64-1	ug/L	9/22/2016	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Acrylonitrile	107-13-1	ug/L	9/22/2016	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	9/22/2016	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	9/22/2016	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	9/22/2016	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	9/22/2016	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	9/22/2016	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	9/22/2016	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/22/2016	0.5	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/22/2016	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/22/2016	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	9/22/2016	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/22/2016	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/22/2016	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	9/22/2016	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	9/22/2016	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	9/22/2016	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	9/22/2016	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	9/22/2016	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	9/22/2016	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	9/22/2016	10	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	9/22/2016	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	9/22/2016	10	n/a	ND	
MW-6A	u	Sulfide	18496-25-8	mg/L	9/22/2016	1	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/22/2016	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	9/22/2016	1	n/a	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	9/22/2016	5	n/a	ND	
MW-16	d	Barium	7440-39-3	mg/L	12/6/2016	n/a	n/a		0.0645
MW-16	d	Total Suspended Solids	TSS	mg/L	12/6/2016	n/a	n/a		76.4
MW-16	d	Barium	7440-39-3	mg/L	1/19/2017	n/a	n/a		0.0526
MW-16	d	Total Suspended Solids	TSS	mg/L	1/19/2017	n/a	n/a		45.9
MW-16	d	Calcium	7440-70-2	mg/L	1/19/2017	n/a	n/a		185
MW-16	d	Magnesium	7439-95-4	mg/L	1/19/2017	n/a	n/a		63
MW-16	d	Potassium	2023695	mg/L	1/19/2017	n/a	n/a		7.3
MW-16	d	Sodium	7440-23-5	mg/L	1/19/2017	n/a	n/a		40.9
MW-16	d	Chloride	16887-00-6	mg/L	1/19/2017	n/a	n/a		17.2
MW-16	d	Sulfate	14808-79-8	mg/L	1/19/2017	n/a	n/a		302
MW-16	d	Bicarbonate	BICARB	mg/L	1/19/2017	n/a	n/a		541
MW-16	d	Carbonate	CARB	mg/L	1/19/2017	5	n/a	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	1/19/2017	n/a	n/a		183
MW-3	d	Calcium	7440-70-2	mg/L	1/19/2017	n/a	n/a		266
MW-3	d	Magnesium	7439-95-4	mg/L	1/19/2017	n/a	n/a		156
MW-3	d	Potassium	2023695	mg/L	1/19/2017	n/a	n/a		114
MW-3	d	Sodium	7440-23-5	mg/L	1/19/2017	n/a	n/a		480
MW-3	d	Chloride	16887-00-6	mg/L	1/19/2017	n/a	n/a		600
MW-3	d	Sulfate	14808-79-8	mg/L	1/19/2017	n/a	n/a		12.7
MW-3	d	Bicarbonate	BICARB	mg/L	1/19/2017	n/a	n/a		2150
MW-3	d	Carbonate	CARB	mg/L	1/19/2017	5	n/a	ND	
MW-26	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.0158
MW-26	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		90.5
MW-1	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-1	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.00507
MW-1	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.00482
MW-1	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.152
MW-1	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.159
MW-1	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-1	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a	J	0.000251
MW-1	d	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a	J	0.000434
MW-1	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a		0.00148
MW-1	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a		0.00152
MW-1	d	Copper	7440-50-8	mg/L	3/15/2017	n/a	n/a	J	0.00229
MW-1	d	Copper	7440-50-8	mg/L	3/15/2017	0.005	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/15/2017	0.0005	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/15/2017	0.0005	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a	J	0.00417
MW-1	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a	J	0.00436
MW-1	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	2.49
MW-1	d	Acetone	67-64-1	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/15/2017	n/a	n/a	J	0.308
MW-1	d	Bromomethane	74-83-9	ug/L	3/15/2017	n/a	n/a	J	0.287
MW-1	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/15/2017	n/a	n/a	J	7.05
MW-1	d	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	n/a	n/a	J	0.186
MW-1	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		6.12
MW-1	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		3
MW-12	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/15/2017	0.002	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/15/2017	0.002	n/a	ND	
MW-12	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.0614
MW-12	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.0641
MW-12	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-12	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a	J	0.000046
MW-12	d	Cadmium	7440-43-9	mg/L	3/15/2017	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a	J	0.000147
MW-12	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a	J	0.000166
MW-12	d	Copper	7440-50-8	mg/L	3/15/2017	0.005	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	3/15/2017	n/a	n/a	J	0.00271
MW-12	d	Lead	7439-92-1	mg/L	3/15/2017	0.0005	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	3/15/2017	0.0005	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a		0.0135
MW-12	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a		0.014
MW-12	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-12	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	2.56
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a	J	1.5
MW-12	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a	J	1.38
MW-13	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.0361
MW-13	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.237
MW-13	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	3/15/2017	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a		0.0208
MW-13	d	Copper	7440-50-8	mg/L	3/15/2017	0.005	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	3/15/2017	0.0005	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a		0.0299
MW-13	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	3/15/2017	n/a	n/a		0.0398
MW-13	d	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	6.8
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	3/15/2017	n/a	n/a	J	1.54
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/15/2017	10	n/a	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	3/15/2017	1	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	3/15/2017	n/a	n/a	J	0.0152
MW-13	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		21.7
MW-14	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.0125
MW-14	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.195
MW-14	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a	J	0.000084
MW-14	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a		0.000612
MW-14	d	Copper	7440-50-8	mg/L	3/15/2017	0.005	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	3/15/2017	n/a	n/a	J	0.000342
MW-14	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a	J	0.0038
MW-14	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	2.4
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-14	d	Tin	7440-31-5	mg/L	3/15/2017	0.005	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	3/15/2017	n/a	n/a	J	0.00563
MW-14	d	Delta-BHC	319-86-8	ug/L	3/15/2017	n/a	n/a	J	0.00364
MW-14	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		28.5
MW-16	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a	J	0.00103
MW-16	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.0518
MW-16	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	3/15/2017	0.0005	n/a	ND	
MW-16	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a	J	0.000309
MW-16	d	Copper	7440-50-8	mg/L	3/15/2017	0.005	n/a	ND	
MW-16	d	Lead	7439-92-1	mg/L	3/15/2017	n/a	n/a	J	0.000421
MW-16	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a	J	0.00131
MW-16	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-16	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-16	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-16	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-16	d	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	2.2
MW-16	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-16	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-16	d	Chloroform	67-66-3	ug/L	3/15/2017	n/a	n/a	J	0.28
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-16	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		20
MW-20	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.0386
MW-20	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		99.8
MW-21	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.0171
MW-21	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		130
MW-27	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.00838
MW-27	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		31.9
MW-2AR	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.03
MW-2AR	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		1.3
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a	J	0.000054
MW-2AR	d	Chromium	7440-47-3	mg/L	3/15/2017	n/a	n/a	J	0.000825
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a		0.00271
MW-2AR	d	Copper	7440-50-8	mg/L	3/15/2017	0.005	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/15/2017	0.0005	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a		0.0267
MW-2AR	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/15/2017	n/a	n/a	J	0.0023
MW-2AR	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	3.34
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/15/2017	n/a	n/a		2.8
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/15/2017	n/a	n/a		7.65
MW-2AR	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	n/a	n/a	J	0.367
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	n/a	n/a	J	0.248
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/15/2017	n/a	n/a	J	0.243
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	n/a	n/a	J	0.328
MW-2AR	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/15/2017	n/a	n/a	J	1.14
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		168
MW-2BR	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.0119
MW-2BR	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		77.5
MW-3	d	Antimony	7440-36-0	mg/L	3/15/2017	n/a	n/a		0.00155
MW-3	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.0794
MW-3	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		3.48
MW-3	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a		0.000844
MW-3	d	Chromium	7440-47-3	mg/L	3/15/2017	n/a	n/a		0.0102
MW-3	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a		0.0534
MW-3	d	Copper	7440-50-8	mg/L	3/15/2017	n/a	n/a		0.0091
MW-3	d	Lead	7439-92-1	mg/L	3/15/2017	n/a	n/a		0.00474
MW-3	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a		0.176
MW-3	d	Selenium	7782-49-2	mg/L	3/15/2017	n/a	n/a	J	0.000938
MW-3	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/15/2017	n/a	n/a	J	0.000099
MW-3	d	Vanadium	7440-62-2	mg/L	3/15/2017	n/a	n/a		0.0114
MW-3	d	Zinc	7440-66-6	mg/L	3/15/2017	n/a	n/a		0.0342
MW-3	d	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	37.8
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	100	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/15/2017	n/a	n/a	J	2.31
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	50	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/15/2017	50	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	20	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/15/2017	n/a	n/a	J	12.4
MW-3	d	Chloroform	67-66-3	ug/L	3/15/2017	n/a	n/a	J	8.82
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	50	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/15/2017	5	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	1.3	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/15/2017	100	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	20	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	50	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	50	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	3/15/2017	100	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/15/2017	40	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Chloromethane	74-87-3	ug/L	3/15/2017	30	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/15/2017	100	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	n/a	n/a	J	2.66
MW-3	d	Styrene	100-42-5	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	40	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/15/2017	100	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	n/a	n/a	J	3.95
MW-3	d	2-Butanone	78-93-3	ug/L	3/15/2017	100	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/15/2017	100	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	10	n/a	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		113
MW-5AR	u	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/15/2017	0.002	n/a	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.0342
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a	J	0.000082
MW-5AR	u	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a	J	0.000082
MW-5AR	u	Copper	7440-50-8	mg/L	3/15/2017	n/a	n/a	J	0.00263
MW-5AR	u	Lead	7439-92-1	mg/L	3/15/2017	n/a	n/a	J	0.000374
MW-5AR	u	Nickel	7440-02-0	mg/L	3/15/2017	0.005	n/a	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	3/15/2017	n/a	n/a	J	0.00102
MW-5AR	u	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	3/15/2017	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		17.8
MW-6A	u	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/15/2017	0.002	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.349
MW-6A	u	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/15/2017	0.0005	n/a	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a	J	0.000439
MW-6A	u	Copper	7440-50-8	mg/L	3/15/2017	0.005	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	3/15/2017	0.0005	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a		0.0098
MW-6A	u	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-6A	u	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	2.18
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	n/a	n/a	J	0.642
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	n/a	n/a	J	0.824
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a	J	1.5
MW-8R	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a		0.0074
MW-8R	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.024
MW-8R	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a	J	0.0001
MW-8R	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a		0.00349
MW-8R	d	Copper	7440-50-8	mg/L	3/15/2017	n/a	n/a	J	0.00432
MW-8R	d	Lead	7439-92-1	mg/L	3/15/2017	n/a	n/a		0.000583
MW-8R	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a		0.0103
MW-8R	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	1.92
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/15/2017	n/a	n/a	J	7.08
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	n/a	n/a	J	0.197
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		97.7
MW-9B	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a	J	0.0011
MW-9B	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.024
MW-9B	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a	J	0.000167
MW-9B	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a		0.00221
MW-9B	d	Copper	7440-50-8	mg/L	3/15/2017	0.005	n/a	ND	
MW-9B	d	Lead	7439-92-1	mg/L	3/15/2017	0.0005	n/a	ND	
MW-9B	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a	J	0.00257
MW-9B	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-9B	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	3/15/2017	0.001	n/a	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
MW-9B	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
MW-9B	d	Acetone	67-64-1	ug/L	3/15/2017	10	n/a	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
MW-9B	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
MW-9B	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		11.4
UD-B	d	Antimony	7440-36-0	mg/L	3/15/2017	0.001	n/a	ND	
UD-B	d	Arsenic	7440-38-2	mg/L	3/15/2017	n/a	n/a	J	0.00107
UD-B	d	Barium	7440-39-3	mg/L	3/15/2017	n/a	n/a		0.0746
UD-B	d	Beryllium	7440-41-7	mg/L	3/15/2017	0.001	n/a	ND	
UD-B	d	Cadmium	7440-43-9	mg/L	3/15/2017	n/a	n/a	J	0.000092
UD-B	d	Chromium	7440-47-3	mg/L	3/15/2017	0.005	n/a	ND	
UD-B	d	Cobalt	7440-48-4	mg/L	3/15/2017	n/a	n/a		0.00369
UD-B	d	Copper	7440-50-8	mg/L	3/15/2017	0.005	n/a	ND	
UD-B	d	Lead	7439-92-1	mg/L	3/15/2017	0.0005	n/a	ND	
UD-B	d	Nickel	7440-02-0	mg/L	3/15/2017	n/a	n/a		0.0238
UD-B	d	Selenium	7782-49-2	mg/L	3/15/2017	0.005	n/a	ND	
UD-B	d	Silver	7440-22-4	mg/L	3/15/2017	0.001	n/a	ND	
UD-B	d	Thallium	7440-28-0	mg/L	3/15/2017	n/a	n/a	J	0.000074
UD-B	d	Vanadium	7440-62-2	mg/L	3/15/2017	0.005	n/a	ND	
UD-B	d	Zinc	7440-66-6	mg/L	3/15/2017	0.02	n/a	ND	
UD-B	d	Acetone	67-64-1	ug/L	3/15/2017	n/a	n/a	J	5.23
UD-B	d	Acrylonitrile	107-13-1	ug/L	3/15/2017	10	n/a	ND	
UD-B	d	Benzene	71-43-2	ug/L	3/15/2017	0.5	n/a	ND	
UD-B	d	Bromochloromethane	74-97-5	ug/L	3/15/2017	5	n/a	ND	
UD-B	d	Bromodichloromethane	75-27-4	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Bromoform	75-25-2	ug/L	3/15/2017	5	n/a	ND	
UD-B	d	2-Butanone	78-93-3	ug/L	3/15/2017	10	n/a	ND	
UD-B	d	Carbon Disulfide	75-15-0	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/15/2017	2	n/a	ND	
UD-B	d	Chlorobenzene	108-90-7	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Chloroethane	75-00-3	ug/L	3/15/2017	4	n/a	ND	
UD-B	d	Chloroform	67-66-3	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Chlorodibromomethane	124-48-1	ug/L	3/15/2017	5	n/a	ND	
UD-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2017	0.5	n/a	ND	
UD-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2017	0.13	n/a	ND	
UD-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2017	10	n/a	ND	
UD-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/15/2017	2	n/a	ND	
UD-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2017	5	n/a	ND	
UD-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2017	5	n/a	ND	
UD-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Ethylbenzene	100-41-4	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	2-Hexanone	591-78-6	ug/L	3/15/2017	10	n/a	ND	
UD-B	d	Bromomethane	74-83-9	ug/L	3/15/2017	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-B	d	Chloromethane	74-87-3	ug/L	3/15/2017	3	n/a	ND	
UD-B	d	Iodomethane	74-88-4	ug/L	3/15/2017	10	n/a	ND	
UD-B	d	Methylene Bromide	74-95-3	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Methylene Chloride	75-09-2	ug/L	3/15/2017	5	n/a	ND	
UD-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2017	10	n/a	ND	
UD-B	d	Styrene	100-42-5	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Tetrachloroethene	127-18-4	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Toluene	108-88-3	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Trichloroethene	79-01-6	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/15/2017	4	n/a	ND	
UD-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Vinyl Acetate	108-05-4	ug/L	3/15/2017	10	n/a	ND	
UD-B	d	Vinyl Chloride	75-01-4	ug/L	3/15/2017	1	n/a	ND	
UD-B	d	Xylenes, total	1330-20-7	ug/L	3/15/2017	3	n/a	ND	
UD-B	d	Total Suspended Solids	TSS	mg/L	3/15/2017	n/a	n/a		2.13
MW-26	d	Arsenic	7440-38-2	mg/L	9/11/2017	n/a	n/a		0.011
MW-26	d	Total Suspended Solids	TSS	mg/L	9/11/2017	n/a	n/a		132
MW-1	d	Antimony	7440-36-0	mg/L	9/11/2017	n/a	n/a	J	0.000312
MW-1	d	Antimony	7440-36-0	mg/L	9/11/2017	0.001	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	9/11/2017	n/a	n/a		0.00512
MW-1	d	Arsenic	7440-38-2	mg/L	9/11/2017	n/a	n/a		0.00535
MW-1	d	Barium	7440-39-3	mg/L	9/11/2017	n/a	n/a		0.143
MW-1	d	Barium	7440-39-3	mg/L	9/11/2017	n/a	n/a		0.145
MW-1	d	Beryllium	7440-41-7	mg/L	9/11/2017	0.001	n/a	ND	
MW-1	d	Beryllium	7440-41-7	mg/L	9/11/2017	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/11/2017	n/a	n/a	J	0.000069
MW-1	d	Cadmium	7440-43-9	mg/L	9/11/2017	n/a	n/a	J	0.000085
MW-1	d	Chromium	7440-47-3	mg/L	9/11/2017	0.005	n/a	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/11/2017	0.005	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/11/2017	n/a	n/a		0.0018
MW-1	d	Cobalt	7440-48-4	mg/L	9/11/2017	n/a	n/a		0.00179
MW-1	d	Copper	7440-50-8	mg/L	9/11/2017	0.005	n/a	ND	
MW-1	d	Copper	7440-50-8	mg/L	9/11/2017	0.005	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/11/2017	0.0005	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/11/2017	0.0005	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/11/2017	n/a	n/a	J	0.00372
MW-1	d	Nickel	7440-02-0	mg/L	9/11/2017	n/a	n/a	J	0.00374
MW-1	d	Selenium	7782-49-2	mg/L	9/11/2017	0.005	n/a	ND	
MW-1	d	Selenium	7782-49-2	mg/L	9/11/2017	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/11/2017	0.001	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/11/2017	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/11/2017	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/11/2017	0.001	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/11/2017	0.005	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/11/2017	0.005	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/11/2017	0.02	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/11/2017	0.02	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/11/2017	n/a	n/a	J	2.48
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/11/2017	0.5	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/11/2017	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/11/2017	2	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/11/2017	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/11/2017	4	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/11/2017	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/11/2017	0.5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/11/2017	0.5	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2017	0.13	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2017	0.13	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2017	2	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2017	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/11/2017	n/a	n/a	J	0.431
MW-1	d	Bromomethane	74-83-9	ug/L	9/11/2017	n/a	n/a	J	0.383
MW-1	d	Chloromethane	74-87-3	ug/L	9/11/2017	3	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/11/2017	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/11/2017	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/11/2017	4	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/11/2017	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/11/2017	3	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/11/2017	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/11/2017	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/11/2017	1	n/a	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	9/11/2017	n/a	n/a		2.63
MW-1	d	Total Suspended Solids	TSS	mg/L	9/11/2017	n/a	n/a	J	1.75
MW-20	d	Arsenic	7440-38-2	mg/L	9/11/2017	n/a	n/a		0.123
MW-20	d	Total Suspended Solids	TSS	mg/L	9/11/2017	n/a	n/a		300
MW-21	d	Arsenic	7440-38-2	mg/L	9/11/2017	n/a	n/a		0.0131
MW-21	d	Total Suspended Solids	TSS	mg/L	9/11/2017	n/a	n/a		125
MW-2AR	d	Antimony	7440-36-0	mg/L	9/11/2017	n/a	n/a	J	0.000255
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/11/2017	n/a	n/a		0.0613
MW-2AR	d	Barium	7440-39-3	mg/L	9/11/2017	n/a	n/a		1.88
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/11/2017	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/11/2017	n/a	n/a	J	0.000128
MW-2AR	d	Chromium	7440-47-3	mg/L	9/11/2017	n/a	n/a	J	0.00135
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/11/2017	n/a	n/a		0.00517

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Copper	7440-50-8	mg/L	9/11/2017	0.005	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	9/11/2017	n/a	n/a		0.00167
MW-2AR	d	Nickel	7440-02-0	mg/L	9/11/2017	n/a	n/a		0.0416
MW-2AR	d	Selenium	7782-49-2	mg/L	9/11/2017	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/11/2017	0.001	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/11/2017	0.001	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/11/2017	n/a	n/a	J	0.00306
MW-2AR	d	Zinc	7440-66-6	mg/L	9/11/2017	n/a	n/a		0.106
MW-2AR	d	Acetone	67-64-1	ug/L	9/11/2017	100	n/a	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/11/2017	100	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/11/2017	n/a	n/a	J	2.85
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/11/2017	50	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/11/2017	n/a	n/a	J	2.66
MW-2AR	d	Bromoform	75-25-2	ug/L	9/11/2017	50	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/11/2017	20	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/11/2017	n/a	n/a	J	2.5
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/11/2017	n/a	n/a	J	9.36
MW-2AR	d	Chloroform	67-66-3	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/11/2017	50	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/11/2017	5	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2017	1.3	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/11/2017	100	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2017	20	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2017	50	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2017	50	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/11/2017	100	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/11/2017	n/a	n/a	J	3.03
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/11/2017	30	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/11/2017	100	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/11/2017	50	n/a	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/11/2017	40	n/a	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/11/2017	100	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/11/2017	30	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/11/2017	100	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/11/2017	100	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/11/2017	10	n/a	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	9/11/2017	n/a	n/a		114
MW-2BR	d	Arsenic	7440-38-2	mg/L	9/11/2017	n/a	n/a		0.00799
MW-2BR	d	Total Suspended Solids	TSS	mg/L	9/11/2017	n/a	n/a		42.5
MW-3	d	Antimony	7440-36-0	mg/L	9/11/2017	n/a	n/a		0.00257
MW-3	d	Arsenic	7440-38-2	mg/L	9/11/2017	n/a	n/a		0.0663
MW-3	d	Barium	7440-39-3	mg/L	9/11/2017	n/a	n/a		2.36
MW-3	d	Beryllium	7440-41-7	mg/L	9/11/2017	0.001	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/11/2017	n/a	n/a		0.000801
MW-3	d	Chromium	7440-47-3	mg/L	9/11/2017	n/a	n/a		0.0169
MW-3	d	Cobalt	7440-48-4	mg/L	9/11/2017	n/a	n/a		0.027
MW-3	d	Copper	7440-50-8	mg/L	9/11/2017	n/a	n/a		0.0116
MW-3	d	Lead	7439-92-1	mg/L	9/11/2017	n/a	n/a		0.0116
MW-3	d	Nickel	7440-02-0	mg/L	9/11/2017	n/a	n/a		0.105
MW-3	d	Selenium	7782-49-2	mg/L	9/11/2017	n/a	n/a	J	0.00102
MW-3	d	Silver	7440-22-4	mg/L	9/11/2017	0.001	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/11/2017	n/a	n/a	J	0.00011
MW-3	d	Vanadium	7440-62-2	mg/L	9/11/2017	n/a	n/a		0.0149
MW-3	d	Zinc	7440-66-6	mg/L	9/11/2017	n/a	n/a		0.138
MW-3	d	Acetone	67-64-1	ug/L	9/11/2017	n/a	n/a	J	27.2
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/11/2017	100	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/11/2017	n/a	n/a	J	3.05
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/11/2017	50	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/11/2017	n/a	n/a	J	2.34
MW-3	d	Bromoform	75-25-2	ug/L	9/11/2017	50	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/11/2017	20	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/11/2017	n/a	n/a	J	5.51
MW-3	d	Chloroform	67-66-3	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/11/2017	50	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/11/2017	5	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2017	1.3	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/11/2017	100	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/11/2017	20	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2017	50	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2017	50	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/11/2017	n/a	n/a		14.2
MW-3	d	2-Hexanone	591-78-6	ug/L	9/11/2017	100	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/11/2017	40	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/11/2017	30	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/11/2017	100	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/11/2017	50	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/11/2017	40	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/11/2017	100	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/11/2017	n/a	n/a	J	16.1
MW-3	d	2-Butanone	78-93-3	ug/L	9/11/2017	100	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/11/2017	100	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/11/2017	10	n/a	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	9/11/2017	n/a	n/a		137
MW-6A	u	Antimony	7440-36-0	mg/L	9/11/2017	0.001	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/11/2017	0.002	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	9/11/2017	n/a	n/a		0.396
MW-6A	u	Beryllium	7440-41-7	mg/L	9/11/2017	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/11/2017	n/a	n/a	J	0.000282
MW-6A	u	Chromium	7440-47-3	mg/L	9/11/2017	0.005	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	9/11/2017	n/a	n/a		0.0011
MW-6A	u	Copper	7440-50-8	mg/L	9/11/2017	0.005	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	9/11/2017	0.0005	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	9/11/2017	n/a	n/a		0.00915
MW-6A	u	Selenium	7782-49-2	mg/L	9/11/2017	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/11/2017	0.001	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	9/11/2017	0.001	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/11/2017	0.005	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	9/11/2017	0.02	n/a	ND	
MW-6A	u	Acetone	67-64-1	ug/L	9/11/2017	n/a	n/a	J	2.39
MW-6A	u	Acrylonitrile	107-13-1	ug/L	9/11/2017	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	9/11/2017	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	9/11/2017	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	9/11/2017	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	9/11/2017	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	9/11/2017	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	9/11/2017	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/11/2017	0.5	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/11/2017	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/11/2017	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	9/11/2017	n/a	n/a	J	0.328
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	9/11/2017	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/11/2017	n/a	n/a	J	0.463
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/11/2017	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/11/2017	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	9/11/2017	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	9/11/2017	n/a	n/a	J	0.222
MW-6A	u	Chloromethane	74-87-3	ug/L	9/11/2017	3	n/a	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	9/11/2017	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	9/11/2017	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	9/11/2017	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	9/11/2017	10	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	9/11/2017	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	9/11/2017	10	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/11/2017	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	9/11/2017	1	n/a	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	9/11/2017	n/a	n/a		4.62
MW-12	d	Antimony	7440-36-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	9/12/2017	n/a	n/a	J	0.000589
MW-12	d	Barium	7440-39-3	mg/L	9/12/2017	n/a	n/a		0.0743
MW-12	d	Beryllium	7440-41-7	mg/L	9/12/2017	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/12/2017	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	9/12/2017	0.005	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	9/12/2017	n/a	n/a		0.00251
MW-12	d	Copper	7440-50-8	mg/L	9/12/2017	0.005	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	9/12/2017	0.0005	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/12/2017	n/a	n/a		0.0292
MW-12	d	Selenium	7782-49-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/12/2017	0.001	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	9/12/2017	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	9/12/2017	n/a	n/a	J	2.17
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/12/2017	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/12/2017	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/12/2017	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/12/2017	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/12/2017	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2017	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/12/2017	n/a	n/a	J	0.9
MW-12	d	Chloroform	67-66-3	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2017	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2017	0.5	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2017	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2017	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2017	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2017	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2017	5	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/12/2017	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/12/2017	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/12/2017	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/12/2017	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/12/2017	5	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2017	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/12/2017	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Toluene	108-88-3	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2017	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/12/2017	10	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/12/2017	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/12/2017	3	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	9/12/2017	n/a	n/a		2.38
MW-13	d	Antimony	7440-36-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	9/12/2017	n/a	n/a		0.0585
MW-13	d	Barium	7440-39-3	mg/L	9/12/2017	n/a	n/a		0.259
MW-13	d	Beryllium	7440-41-7	mg/L	9/12/2017	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	9/12/2017	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/12/2017	0.005	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	9/12/2017	n/a	n/a		0.0206
MW-13	d	Copper	7440-50-8	mg/L	9/12/2017	0.005	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	9/12/2017	0.0005	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	9/12/2017	n/a	n/a		0.0284
MW-13	d	Selenium	7782-49-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-13	d	Silver	7440-22-4	mg/L	9/12/2017	0.001	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	9/12/2017	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/12/2017	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/12/2017	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/12/2017	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2017	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/12/2017	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2017	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2017	0.5	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2017	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2017	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2017	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2017	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/12/2017	n/a	n/a	J	0.246
MW-13	d	Chloromethane	74-87-3	ug/L	9/12/2017	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/12/2017	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2017	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/12/2017	3	n/a	ND	
MW-13	d	Mercury	7439-97-6	mg/L	9/12/2017	n/a	n/a	J	0.000119
MW-13	d	Tin	7440-31-5	mg/L	9/12/2017	0.005	n/a	ND	
MW-13	d	Acrolein	107-02-8	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	3-Chloropropene	107-05-1	ug/L	9/12/2017	2	n/a	ND	
MW-13	d	Chloroprene	126-99-8	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Dichlorodifluoromethane	75-71-8	ug/L	9/12/2017	3	n/a	ND	
MW-13	d	1,3-Dichloropropane	142-28-9	ug/L	9/12/2017	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	2,2-Dichloropropane	594-20-7	ug/L	9/12/2017	4	n/a	ND	
MW-13	d	1,1-Dichloropropene	563-58-6	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/12/2017	1	n/a	ND	
MW-13	d	Ethyl Methacrylate	97-63-2	ug/L	9/12/2017	2	n/a	ND	
MW-13	d	Methacrylonitrile	126-98-7	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	Methyl Methacrylate	80-62-6	ug/L	9/12/2017	2	n/a	ND	
MW-13	d	Naphthalene	91-20-3	ug/L	9/12/2017	5	n/a	ND	
MW-13	d	Propionitrile	107-12-0	ug/L	9/12/2017	10	n/a	ND	
MW-13	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/12/2017	5	n/a	ND	
MW-13	d	Acenaphthene	83-32-9	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Acenaphthylene	208-96-8	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Acetophenone	98-86-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2-Acetylaminofluorene	53-96-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	4-Aminobiphenyl	92-67-1	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Anthracene	120-12-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Benzo [a] anthracene	56-55-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/12/2017	n/a	n/a	J	0.621
MW-13	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/12/2017	n/a	n/a	J	1.3
MW-13	d	Benzo [a] pyrene	50-32-8	ug/L	9/12/2017	n/a	n/a	J	1.07
MW-13	d	Benzyl alcohol	100-51-6	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/12/2017	n/a	n/a	J	1.11
MW-13	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Butyl benzyl phthalate	85-68-7	ug/L	9/12/2017	n/a	n/a	J	1.07
MW-13	d	4-Chloroaniline	106-47-8	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Chlorobenzilate	510-15-6	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2-Chloronaphthalene	91-58-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2-Chlorophenol	95-57-8	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Chrysene	218-01-9	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	3/4-Methylphenol	T-34MP	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2-Methylphenol	95-48-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Diallate [cis or trans]	2303-16-4	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/12/2017	n/a	n/a	J	1.72
MW-13	d	Dibenzofuran	132-64-9	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Di-n-butyl phthalate	84-74-2	ug/L	9/12/2017	n/a	n/a	J	0.575
MW-13	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/12/2017	51.5	n/a	ND	
MW-13	d	2,4-Dichlorophenol	120-83-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2,6-Dichlorophenol	87-65-0	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Diethyl phthalate	84-66-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Thionazin	297-97-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Dimethoate	60-51-5	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2,4-Dimethylphenol	105-67-9	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Dimethyl phthalate	131-11-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2,4-Dinitrophenol	51-28-5	ug/L	9/12/2017	20.6	n/a	ND	
MW-13	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Di-n-octyl phthalate	117-84-0	ug/L	9/12/2017	n/a	n/a	J	1.97
MW-13	d	Diphenylamine	122-39-4	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Disulfoton	298-04-4	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Famphur	52-85-7	ug/L	9/12/2017	20.6	n/a	ND	
MW-13	d	Fluoranthene	206-44-0	ug/L	9/12/2017	n/a	n/a	J	0.469
MW-13	d	Fluorene	86-73-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Hexachlorobenzene	118-74-1	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Hexachlorobutadiene	87-68-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/12/2017	20.6	n/a	ND	
MW-13	d	Hexachloroethane	67-72-1	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Hexachloropropene	1888-71-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/12/2017	n/a	n/a	J	0.531
MW-13	d	Isodrin	465-73-6	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Isophorone	78-59-1	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Isosafrole	120-58-1	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Kepone	143-50-0	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Methapyrilene	91-80-5	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	3-Methylcholanthrene	56-49-5	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Methyl Methanesulfonate	66-27-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2-Methylnaphthalene	91-57-6	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Parathion-Methyl	298-00-0	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	1,4-Naphthoquinone	130-15-4	ug/L	9/12/2017	10.3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	1-Naphthylamine	134-32-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2-Naphthylamine	91-59-8	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2-Nitroaniline	88-74-4	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	3-Nitroaniline	99-09-2	ug/L	9/12/2017	n/a	n/a	J	0.982
MW-13	d	4-Nitroaniline	100-01-6	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Nitrobenzene	98-95-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2-Nitrophenol	88-75-5	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	4-Nitrophenol	100-02-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	N-Nitrosopiperidine	100-75-4	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Parathion-Ethyl	56-38-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Pentachlorobenzene	608-93-5	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Pentachloronitrobenzene	82-68-8	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/12/2017	n/a	n/a	J	3.41
MW-13	d	Phenacetin	62-44-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Phenanthrene	85-01-8	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Phenol	108-95-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	1,4-Phenylenediamine	106-50-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Phorate	298-02-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Pronamide	23950-58-5	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Pyrene	129-00-0	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Safrole	94-59-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	o-Toluidine	95-53-4	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/12/2017	n/a	n/a	J	0.564
MW-13	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/12/2017	n/a	n/a	J	0.43
MW-13	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Dinoseb	88-85-7	ug/L	9/12/2017	10.3	n/a	ND	
MW-13	d	Acetonitrile	75-05-8	ug/L	9/12/2017	10000	n/a	ND	
MW-13	d	Isobutanol	78-83-1	mg/L	9/12/2017	10	n/a	ND	
MW-13	d	PCB-1016	12674-11-2	ug/L	9/12/2017	0.842	n/a	ND	
MW-13	d	PCB-1221	11104-28-2	ug/L	9/12/2017	0.842	n/a	ND	
MW-13	d	PCB-1232	11141-16-5	ug/L	9/12/2017	0.842	n/a	ND	
MW-13	d	PCB-1242	53469-21-9	ug/L	9/12/2017	0.842	n/a	ND	
MW-13	d	PCB-1248	12672-29-6	ug/L	9/12/2017	0.842	n/a	ND	
MW-13	d	PCB-1254	11097-69-1	ug/L	9/12/2017	0.842	n/a	ND	
MW-13	d	PCB-1260	11096-82-5	ug/L	9/12/2017	0.842	n/a	ND	
MW-13	d	Cyanide	57-12-5	mg/L	9/12/2017	0.01	n/a	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	9/12/2017	1	n/a	ND	
MW-13	d	2,4-D [2C]	94-75-7	ug/L	9/12/2017	1.02	n/a	ND	
MW-13	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/12/2017	1.02	n/a	ND	
MW-13	d	2,4,5-T [2C]	93-76-5	ug/L	9/12/2017	1.02	n/a	ND	
MW-13	d	Alpha-BHC	319-84-6	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	Beta-BHC	319-85-7	ug/L	9/12/2017	n/a	n/a	J	0.00803
MW-13	d	Dieldrin	60-57-1	ug/L	9/12/2017	n/a	n/a	J	0.0036
MW-13	d	4,4'-DDE	72-55-9	ug/L	9/12/2017	n/a	n/a	J	0.00905
MW-13	d	Delta-BHC	319-86-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	Endrin	72-20-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	Endosulfan II	33213-65-9	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	Heptachlor	76-44-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	4,4'-DDD	72-54-8	ug/L	9/12/2017	n/a	n/a	J	0.00483
MW-13	d	Aldrin	309-00-2	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	Endosulfan sulfate	1031-07-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	4,4'-DDT	50-29-3	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	Endosulfan I	959-98-8	ug/L	9/12/2017	n/a	n/a	J	0.00483
MW-13	d	Methoxychlor	72-43-5	ug/L	9/12/2017	0.034	n/a	ND	
MW-13	d	Toxaphene	8001-35-2	ug/L	9/12/2017	2.13	n/a	ND	
MW-13	d	Endrin aldehyde	7421-93-4	ug/L	9/12/2017	n/a	n/a	J	0.0138
MW-13	d	Chlordane	57-74-9	ug/L	9/12/2017	2.13	n/a	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	9/12/2017	n/a	n/a		49.5
MW-14	d	Antimony	7440-36-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	9/12/2017	n/a	n/a		0.0197
MW-14	d	Barium	7440-39-3	mg/L	9/12/2017	n/a	n/a		0.22
MW-14	d	Beryllium	7440-41-7	mg/L	9/12/2017	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	9/12/2017	n/a	n/a	J	0.00014
MW-14	d	Chromium	7440-47-3	mg/L	9/12/2017	0.005	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	9/12/2017	n/a	n/a		0.000598
MW-14	d	Copper	7440-50-8	mg/L	9/12/2017	0.005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Lead	7439-92-1	mg/L	9/12/2017	n/a	n/a	J	0.000352
MW-14	d	Nickel	7440-02-0	mg/L	9/12/2017	n/a	n/a	J	0.00251
MW-14	d	Selenium	7782-49-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	9/12/2017	0.001	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	9/12/2017	0.02	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	9/12/2017	n/a	n/a	J	2.68
MW-14	d	Acrylonitrile	107-13-1	ug/L	9/12/2017	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	9/12/2017	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	9/12/2017	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	9/12/2017	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	9/12/2017	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	9/12/2017	n/a	n/a	J	0.318
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2017	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	9/12/2017	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2017	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2017	0.5	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2017	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2017	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2017	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2017	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2017	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	9/12/2017	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	9/12/2017	4	n/a	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	9/12/2017	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	9/12/2017	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	9/12/2017	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2017	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2017	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	9/12/2017	10	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	9/12/2017	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	9/12/2017	3	n/a	ND	
MW-14	d	Tin	7440-31-5	mg/L	9/12/2017	0.005	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	9/12/2017	0.034	n/a	ND	
MW-14	d	Delta-BHC	319-86-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	9/12/2017	n/a	n/a		32
MW-16	d	Antimony	7440-36-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	9/12/2017	n/a	n/a		0.0029
MW-16	d	Barium	7440-39-3	mg/L	9/12/2017	n/a	n/a		0.0689
MW-16	d	Beryllium	7440-41-7	mg/L	9/12/2017	0.001	n/a	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	9/12/2017	n/a	n/a	J	0.000064
MW-16	d	Chromium	7440-47-3	mg/L	9/12/2017	0.005	n/a	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	9/12/2017	n/a	n/a	J	0.000472
MW-16	d	Copper	7440-50-8	mg/L	9/12/2017	0.005	n/a	ND	
MW-16	d	Lead	7439-92-1	mg/L	9/12/2017	0.0005	n/a	ND	
MW-16	d	Nickel	7440-02-0	mg/L	9/12/2017	n/a	n/a	J	0.00109
MW-16	d	Selenium	7782-49-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-16	d	Silver	7440-22-4	mg/L	9/12/2017	0.001	n/a	ND	
MW-16	d	Thallium	7440-28-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-16	d	Zinc	7440-66-6	mg/L	9/12/2017	0.02	n/a	ND	
MW-16	d	Acetone	67-64-1	ug/L	9/12/2017	n/a	n/a	J	2.74
MW-16	d	Acrylonitrile	107-13-1	ug/L	9/12/2017	10	n/a	ND	
MW-16	d	Benzene	71-43-2	ug/L	9/12/2017	0.5	n/a	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	9/12/2017	5	n/a	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Bromoform	75-25-2	ug/L	9/12/2017	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	2-Butanone	78-93-3	ug/L	9/12/2017	10	n/a	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2017	2	n/a	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	9/12/2017	4	n/a	ND	
MW-16	d	Chloroform	67-66-3	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2017	5	n/a	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2017	0.5	n/a	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2017	0.13	n/a	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2017	10	n/a	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2017	2	n/a	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2017	5	n/a	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2017	5	n/a	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	9/12/2017	10	n/a	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	9/12/2017	n/a	n/a	J	0.325
MW-16	d	Chloromethane	74-87-3	ug/L	9/12/2017	3	n/a	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	9/12/2017	10	n/a	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	9/12/2017	5	n/a	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2017	10	n/a	ND	
MW-16	d	Styrene	100-42-5	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Toluene	108-88-3	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2017	4	n/a	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	9/12/2017	10	n/a	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	9/12/2017	1	n/a	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	9/12/2017	3	n/a	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	9/12/2017	n/a	n/a		26.1
MW-8R	d	Antimony	7440-36-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/12/2017	n/a	n/a		0.0132
MW-8R	d	Barium	7440-39-3	mg/L	9/12/2017	n/a	n/a		0.0242
MW-8R	d	Beryllium	7440-41-7	mg/L	9/12/2017	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/12/2017	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	9/12/2017	0.005	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/12/2017	n/a	n/a		0.00501
MW-8R	d	Copper	7440-50-8	mg/L	9/12/2017	0.005	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	9/12/2017	0.0005	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	9/12/2017	n/a	n/a		0.00887
MW-8R	d	Selenium	7782-49-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/12/2017	0.001	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/12/2017	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/12/2017	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/12/2017	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/12/2017	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2017	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/12/2017	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2017	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2017	0.5	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2017	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2017	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2017	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2017	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2017	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/12/2017	n/a	n/a	J	0.334
MW-8R	d	Chloromethane	74-87-3	ug/L	9/12/2017	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/12/2017	5	n/a	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2017	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/12/2017	3	n/a	ND	
MW-8R	d	Mercury	7439-97-6	mg/L	9/12/2017	0.0002	n/a	ND	
MW-8R	d	Tin	7440-31-5	mg/L	9/12/2017	0.005	n/a	ND	
MW-8R	d	Acrolein	107-02-8	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	3-Chloropropene	107-05-1	ug/L	9/12/2017	2	n/a	ND	
MW-8R	d	Chloroprene	126-99-8	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Dichlorodifluoromethane	75-71-8	ug/L	9/12/2017	3	n/a	ND	
MW-8R	d	1,3-Dichloropropane	142-28-9	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	2,2-Dichloropropane	594-20-7	ug/L	9/12/2017	4	n/a	ND	
MW-8R	d	1,1-Dichloropropene	563-58-6	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/12/2017	1	n/a	ND	
MW-8R	d	Ethyl Methacrylate	97-63-2	ug/L	9/12/2017	2	n/a	ND	
MW-8R	d	Methacrylonitrile	126-98-7	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	Methyl Methacrylate	80-62-6	ug/L	9/12/2017	2	n/a	ND	
MW-8R	d	Naphthalene	91-20-3	ug/L	9/12/2017	5	n/a	ND	
MW-8R	d	Propionitrile	107-12-0	ug/L	9/12/2017	10	n/a	ND	
MW-8R	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/12/2017	5	n/a	ND	
MW-8R	d	Acenaphthene	83-32-9	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Acenaphthylene	208-96-8	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Acetophenone	98-86-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2-Acetylaminofluorene	53-96-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	4-Aminobiphenyl	92-67-1	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Anthracene	120-12-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Benzo [a] anthracene	56-55-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Benzo [a] pyrene	50-32-8	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Benzyl alcohol	100-51-6	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/12/2017	n/a	n/a	J	0.903
MW-8R	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Butyl benzyl phthalate	85-68-7	ug/L	9/12/2017	n/a	n/a	J	0.867
MW-8R	d	4-Chloroaniline	106-47-8	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Chlorobenzilate	510-15-6	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2-Chloronaphthalene	91-58-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2-Chlorophenol	95-57-8	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Chrysene	218-01-9	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	3/4-Methylphenol	T-34MP	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2-Methylphenol	95-48-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Diallate [cis or trans]	2303-16-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Dibenzofuran	132-64-9	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Di-n-butyl phthalate	84-74-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/12/2017	51	n/a	ND	
MW-8R	d	2,4-Dichlorophenol	120-83-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2,6-Dichlorophenol	87-65-0	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Diethyl phthalate	84-66-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Thionazin	297-97-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Dimethoate	60-51-5	ug/L	9/12/2017	10.2	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2,4-Dimethylphenol	105-67-9	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Dimethyl phthalate	131-11-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2,4-Dinitrophenol	51-28-5	ug/L	9/12/2017	20.4	n/a	ND	
MW-8R	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Di-n-octyl phthalate	117-84-0	ug/L	9/12/2017	20.4	n/a	ND	
MW-8R	d	Diphenylamine	122-39-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Disulfoton	298-04-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Famphur	52-85-7	ug/L	9/12/2017	20.4	n/a	ND	
MW-8R	d	Fluoranthene	206-44-0	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Fluorene	86-73-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Hexachlorobenzene	118-74-1	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Hexachlorobutadiene	87-68-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/12/2017	20.4	n/a	ND	
MW-8R	d	Hexachloroethane	67-72-1	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Hexachloropropene	1888-71-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Isodrin	465-73-6	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Isophorone	78-59-1	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Isosafrole	120-58-1	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Kepone	143-50-0	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Methapyrilene	91-80-5	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	3-Methylcholanthrene	56-49-5	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Methyl Methanesulfonate	66-27-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2-Methylnaphthalene	91-57-6	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Parathion-Methyl	298-00-0	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	1,4-Naphthoquinone	130-15-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	1-Naphthylamine	134-32-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2-Naphthylamine	91-59-8	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2-Nitroaniline	88-74-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	3-Nitroaniline	99-09-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	4-Nitroaniline	100-01-6	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Nitrobenzene	98-95-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2-Nitrophenol	88-75-5	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	4-Nitrophenol	100-02-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	N-Nitrosopiperidine	100-75-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Parathion-Ethyl	56-38-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Pentachlorobenzene	608-93-5	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Pentachloronitrobenzene	82-68-8	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Phenacetin	62-44-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Phenanthrene	85-01-8	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Phenol	108-95-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	1,4-Phenylenediamine	106-50-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Phorate	298-02-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Pronamide	23950-58-5	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Pyrene	129-00-0	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Safrole	94-59-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	o-Toluidine	95-53-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Dinoseb	88-85-7	ug/L	9/12/2017	10.2	n/a	ND	
MW-8R	d	Acetonitrile	75-05-8	ug/L	9/12/2017	10000	n/a	ND	
MW-8R	d	Isobutanol	78-83-1	mg/L	9/12/2017	10	n/a	ND	
MW-8R	d	PCB-1016	12674-11-2	ug/L	9/12/2017	0.86	n/a	ND	
MW-8R	d	PCB-1221	11104-28-2	ug/L	9/12/2017	0.86	n/a	ND	
MW-8R	d	PCB-1232	11141-16-5	ug/L	9/12/2017	0.86	n/a	ND	
MW-8R	d	PCB-1242	53469-21-9	ug/L	9/12/2017	0.86	n/a	ND	
MW-8R	d	PCB-1248	12672-29-6	ug/L	9/12/2017	0.86	n/a	ND	
MW-8R	d	PCB-1254	11097-69-1	ug/L	9/12/2017	0.86	n/a	ND	
MW-8R	d	PCB-1260	11096-82-5	ug/L	9/12/2017	0.86	n/a	ND	
MW-8R	d	Cyanide	57-12-5	mg/L	9/12/2017	0.01	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Sulfide	18496-25-8	mg/L	9/12/2017	1	n/a	ND	
MW-8R	d	2,4-D [2C]	94-75-7	ug/L	9/12/2017	1.01	n/a	ND	
MW-8R	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/12/2017	1.01	n/a	ND	
MW-8R	d	2,4,5-T [2C]	93-76-5	ug/L	9/12/2017	1.01	n/a	ND	
MW-8R	d	Alpha-BHC	319-84-6	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Beta-BHC	319-85-7	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Dieldrin	60-57-1	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	4,4'-DDE	72-55-9	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Delta-BHC	319-86-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Endrin	72-20-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Endosulfan II	33213-65-9	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Heptachlor	76-44-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	4,4'-DDD	72-54-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Aldrin	309-00-2	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Endosulfan sulfate	1031-07-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Heptachlor Epoxide	1024-57-3	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	4,4'-DDT	50-29-3	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Endosulfan I	959-98-8	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Methoxychlor	72-43-5	ug/L	9/12/2017	0.034	n/a	ND	
MW-8R	d	Toxaphene	8001-35-2	ug/L	9/12/2017	2.13	n/a	ND	
MW-8R	d	Endrin aldehyde	7421-93-4	ug/L	9/12/2017	n/a	n/a	J	0.00985
MW-8R	d	Chlordane	57-74-9	ug/L	9/12/2017	2.13	n/a	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	9/12/2017	n/a	n/a		112
MW-9B	d	Antimony	7440-36-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-9B	d	Antimony	7440-36-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	9/12/2017	n/a	n/a		0.00336
MW-9B	d	Arsenic	7440-38-2	mg/L	9/12/2017	n/a	n/a		0.00269
MW-9B	d	Barium	7440-39-3	mg/L	9/12/2017	n/a	n/a		0.0237
MW-9B	d	Barium	7440-39-3	mg/L	9/12/2017	n/a	n/a		0.0293
MW-9B	d	Beryllium	7440-41-7	mg/L	9/12/2017	0.001	n/a	ND	
MW-9B	d	Beryllium	7440-41-7	mg/L	9/12/2017	0.001	n/a	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	9/12/2017	n/a	n/a	J	0.000048
MW-9B	d	Cadmium	7440-43-9	mg/L	9/12/2017	n/a	n/a	J	0.000045
MW-9B	d	Chromium	7440-47-3	mg/L	9/12/2017	0.005	n/a	ND	
MW-9B	d	Chromium	7440-47-3	mg/L	9/12/2017	0.005	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	9/12/2017	n/a	n/a		0.00314
MW-9B	d	Cobalt	7440-48-4	mg/L	9/12/2017	n/a	n/a		0.00324
MW-9B	d	Copper	7440-50-8	mg/L	9/12/2017	0.005	n/a	ND	
MW-9B	d	Copper	7440-50-8	mg/L	9/12/2017	0.005	n/a	ND	
MW-9B	d	Lead	7439-92-1	mg/L	9/12/2017	0.0005	n/a	ND	
MW-9B	d	Lead	7439-92-1	mg/L	9/12/2017	0.0005	n/a	ND	
MW-9B	d	Nickel	7440-02-0	mg/L	9/12/2017	n/a	n/a	J	0.00298
MW-9B	d	Nickel	7440-02-0	mg/L	9/12/2017	n/a	n/a	J	0.00332
MW-9B	d	Selenium	7782-49-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-9B	d	Selenium	7782-49-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-9B	d	Silver	7440-22-4	mg/L	9/12/2017	0.001	n/a	ND	
MW-9B	d	Silver	7440-22-4	mg/L	9/12/2017	n/a	n/a	J	0.000181
MW-9B	d	Thallium	7440-28-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	9/12/2017	0.001	n/a	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	9/12/2017	0.005	n/a	ND	
MW-9B	d	Zinc	7440-66-6	mg/L	9/12/2017	0.02	n/a	ND	
MW-9B	d	Zinc	7440-66-6	mg/L	9/12/2017	0.02	n/a	ND	
MW-9B	d	Acetone	67-64-1	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Acetone	67-64-1	ug/L	9/12/2017	n/a	n/a	J	2.07
MW-9B	d	Acrylonitrile	107-13-1	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Benzene	71-43-2	ug/L	9/12/2017	0.5	n/a	ND	
MW-9B	d	Benzene	71-43-2	ug/L	9/12/2017	0.5	n/a	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2017	2	n/a	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2017	2	n/a	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	9/12/2017	4	n/a	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	9/12/2017	4	n/a	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2017	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2017	0.5	n/a	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2017	0.5	n/a	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2017	0.13	n/a	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2017	0.13	n/a	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2017	2	n/a	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2017	2	n/a	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	9/12/2017	n/a	n/a	J	0.49
MW-9B	d	Bromomethane	74-83-9	ug/L	9/12/2017	n/a	n/a	J	0.274
MW-9B	d	Chloromethane	74-87-3	ug/L	9/12/2017	3	n/a	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	9/12/2017	3	n/a	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	9/12/2017	5	n/a	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Styrene	100-42-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Styrene	100-42-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Toluene	108-88-3	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Toluene	108-88-3	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2017	4	n/a	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2017	4	n/a	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	9/12/2017	10	n/a	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	9/12/2017	1	n/a	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	9/12/2017	3	n/a	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	9/12/2017	3	n/a	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	9/12/2017	n/a	n/a		14.4
MW-9B	d	Total Suspended Solids	TSS	mg/L	9/12/2017	n/a	n/a		23.6
MW-16	d	Barium	7440-39-3	mg/L	11/21/2017	n/a	n/a		0.0585
MW-16	d	Total Suspended Solids	TSS	mg/L	11/21/2017	n/a	n/a		24
MW-28	u	Antimony	7440-36-0	mg/L	11/21/2017	n/a	n/a	J	0.000278
MW-28	u	Arsenic	7440-38-2	mg/L	11/21/2017	n/a	n/a	J	0.0007
MW-28	u	Barium	7440-39-3	mg/L	11/21/2017	n/a	n/a		0.0823
MW-28	u	Beryllium	7440-41-7	mg/L	11/21/2017	0.001	n/a	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	11/21/2017	n/a	n/a	J	0.000248
MW-28	u	Chromium	7440-47-3	mg/L	11/21/2017	0.005	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	Cobalt	7440-48-4	mg/L	11/21/2017	n/a	n/a	J	0.000188
MW-28	u	Copper	7440-50-8	mg/L	11/21/2017	0.005	n/a	ND	
MW-28	u	Lead	7439-92-1	mg/L	11/21/2017	n/a	n/a	J	0.000368
MW-28	u	Nickel	7440-02-0	mg/L	11/21/2017	n/a	n/a		0.011
MW-28	u	Selenium	7782-49-2	mg/L	11/21/2017	n/a	n/a	J	0.00199
MW-28	u	Silver	7440-22-4	mg/L	11/21/2017	n/a	n/a	J	0.000175
MW-28	u	Thallium	7440-28-0	mg/L	11/21/2017	0.001	n/a	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	11/21/2017	n/a	n/a	J	0.00101
MW-28	u	Zinc	7440-66-6	mg/L	11/21/2017	0.02	n/a	ND	
MW-28	u	Acetone	67-64-1	ug/L	11/21/2017	10	n/a	ND	
MW-28	u	Acrylonitrile	107-13-1	ug/L	11/21/2017	10	n/a	ND	
MW-28	u	Benzene	71-43-2	ug/L	11/21/2017	0.5	n/a	ND	
MW-28	u	Bromochloromethane	74-97-5	ug/L	11/21/2017	5	n/a	ND	
MW-28	u	Bromodichloromethane	75-27-4	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Bromoform	75-25-2	ug/L	11/21/2017	5	n/a	ND	
MW-28	u	Carbon disulfide	75-15-0	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Carbon Tetrachloride	56-23-5	ug/L	11/21/2017	2	n/a	ND	
MW-28	u	Chlorobenzene	108-90-7	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Chloroethane	75-00-3	ug/L	11/21/2017	4	n/a	ND	
MW-28	u	Chloroform	67-66-3	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Chlorodibromomethane	124-48-1	ug/L	11/21/2017	5	n/a	ND	
MW-28	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	11/21/2017	0.5	n/a	ND	
MW-28	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/21/2017	0.13	n/a	ND	
MW-28	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	11/21/2017	10	n/a	ND	
MW-28	u	1,1-Dichloroethane	75-34-3	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	1,2-Dichloroethane	107-06-2	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	1,1-Dichloroethene	75-35-4	ug/L	11/21/2017	2	n/a	ND	
MW-28	u	cis-1,2-Dichloroethene	156-59-2	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	trans-1,2-Dichloroethene	156-60-5	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	1,2-Dichloropropane	78-87-5	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/21/2017	5	n/a	ND	
MW-28	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/21/2017	5	n/a	ND	
MW-28	u	1,2-Dichlorobenzene	95-50-1	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	1,4-Dichlorobenzene	106-46-7	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Ethylbenzene	100-41-4	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	2-Hexanone	591-78-6	ug/L	11/21/2017	10	n/a	ND	
MW-28	u	Bromomethane	74-83-9	ug/L	11/21/2017	n/a	n/a	J	0.462
MW-28	u	Chloromethane	74-87-3	ug/L	11/21/2017	3	n/a	ND	
MW-28	u	Iodomethane	74-88-4	ug/L	11/21/2017	10	n/a	ND	
MW-28	u	Methylene Chloride	75-09-2	ug/L	11/21/2017	5	n/a	ND	
MW-28	u	Styrene	100-42-5	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Tetrachloroethene	127-18-4	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Toluene	108-88-3	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	1,1,1-Trichloroethane	71-55-6	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	1,1,2-Trichloroethane	79-00-5	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Trichloroethene	79-01-6	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Trichlorofluoromethane	75-69-4	ug/L	11/21/2017	4	n/a	ND	
MW-28	u	1,2,3-Trichloropropane	96-18-4	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Vinyl acetate	108-05-4	ug/L	11/21/2017	10	n/a	ND	
MW-28	u	Vinyl chloride	75-01-4	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Xylenes, total	1330-20-7	ug/L	11/21/2017	3	n/a	ND	
MW-28	u	2-Butanone	78-93-3	ug/L	11/21/2017	10	n/a	ND	
MW-28	u	4-Methyl-2-pentanone	108-10-1	ug/L	11/21/2017	10	n/a	ND	
MW-28	u	Methylene Bromide	74-95-3	ug/L	11/21/2017	1	n/a	ND	
MW-28	u	Total Suspended Solids	TSS	mg/L	11/21/2017	n/a	n/a		20.4
MW-28	u	Calcium	7440-70-2	mg/L	11/21/2017	n/a	n/a		444
MW-28	u	Magnesium	7439-95-4	mg/L	11/21/2017	n/a	n/a		79.7
MW-28	u	Potassium	2023695	mg/L	11/21/2017	n/a	n/a		5.06
MW-28	u	Sodium	7440-23-5	mg/L	11/21/2017	n/a	n/a		15.5
MW-28	u	Chloride	16887-00-6	mg/L	11/21/2017	n/a	n/a		25.4
MW-28	u	Sulfate	14808-79-8	mg/L	11/21/2017	n/a	n/a		1020
MW-28	u	Bicarbonate	BICARB	mg/L	11/21/2017	n/a	n/a		402
MW-28	u	Carbonate	CARB	mg/L	11/21/2017	5	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	11/21/2017	n/a	n/a		0.0138
MW-9B	d	Total Suspended Solids	TSS	mg/L	11/21/2017	n/a	n/a		28
MW-16	d	Barium	7440-39-3	mg/L	1/26/2018	n/a	n/a		0.0587
MW-16	d	Total Suspended Solids	TSS	mg/L	1/26/2018	n/a	n/a		22.8
MW-28	u	Antimony	7440-36-0	mg/L	1/26/2018	0.001	n/a	ND	
MW-28	u	Arsenic	7440-38-2	mg/L	1/26/2018	0.002	n/a	ND	
MW-28	u	Barium	7440-39-3	mg/L	1/26/2018	n/a	n/a		0.0638
MW-28	u	Beryllium	7440-41-7	mg/L	1/26/2018	0.001	n/a	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	1/26/2018	n/a	n/a	J	0.000247
MW-28	u	Chromium	7440-47-3	mg/L	1/26/2018	0.005	n/a	ND	
MW-28	u	Cobalt	7440-48-4	mg/L	1/26/2018	n/a	n/a	J	0.000085
MW-28	u	Copper	7440-50-8	mg/L	1/26/2018	0.005	n/a	ND	
MW-28	u	Lead	7439-92-1	mg/L	1/26/2018	n/a	n/a		0.000588
MW-28	u	Nickel	7440-02-0	mg/L	1/26/2018	n/a	n/a		0.00967

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	Selenium	7782-49-2	mg/L	1/26/2018	0.005	n/a	ND	
MW-28	u	Silver	7440-22-4	mg/L	1/26/2018	0.001	n/a	ND	
MW-28	u	Thallium	7440-28-0	mg/L	1/26/2018	0.001	n/a	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	1/26/2018	n/a	n/a	J	0.000869
MW-28	u	Zinc	7440-66-6	mg/L	1/26/2018	0.02	n/a	ND	
MW-28	u	Total Suspended Solids	TSS	mg/L	1/26/2018	n/a	n/a		19.5
MW-28	u	Calcium	7440-70-2	mg/L	1/26/2018	n/a	n/a		383
MW-28	u	Magnesium	7439-95-4	mg/L	1/26/2018	n/a	n/a		69.8
MW-28	u	Potassium	2023695	mg/L	1/26/2018	n/a	n/a		4.98
MW-28	u	Sodium	7440-23-5	mg/L	1/26/2018	n/a	n/a		14.4
MW-28	u	Chloride	16887-00-6	mg/L	1/26/2018	n/a	n/a		181
MW-28	u	Sulfate	14808-79-8	mg/L	1/26/2018	n/a	n/a		955
MW-28	u	Alkalinity, Total [CaCO3]	TALK	mg/L	1/26/2018	n/a	n/a		376
MW-28	u	Bicarbonate	BICARB	mg/L	1/26/2018	n/a	n/a		376
MW-28	u	Carbonate	CARB	mg/L	1/26/2018	5	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	1/26/2018	n/a	n/a		0.000831
MW-9B	d	Total Suspended Solids	TSS	mg/L	1/26/2018	n/a	n/a		34.5
MW-1	d	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a		0.0032
MW-1	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.14
MW-1	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.000067
MW-1	d	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.00263
MW-1	d	Copper	7440-50-8	mg/L	3/13/2018	0.005	n/a	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/13/2018	0.0005	n/a	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a	J	0.00403
MW-1	d	Selenium	7782-49-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-1	d	Acetone	67-64-1	ug/L	3/13/2018	n/a	n/a	J	1.94
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	5	n/a	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		2.88
MW-12	d	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-12	d	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a	J	0.000632
MW-12	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a	J	0.000575
MW-12	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.0699
MW-12	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.0671
MW-12	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-12	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.000052
MW-12	d	Cadmium	7440-43-9	mg/L	3/13/2018	0.0005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-12	d	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a	J	0.000143
MW-12	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a	J	0.000128
MW-12	d	Copper	7440-50-8	mg/L	3/13/2018	0.005	n/a	ND	
MW-12	d	Copper	7440-50-8	mg/L	3/13/2018	0.005	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	3/13/2018	0.0005	n/a	ND	
MW-12	d	Lead	7439-92-1	mg/L	3/13/2018	0.0005	n/a	ND	
MW-12	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.0141
MW-12	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.0116
MW-12	d	Selenium	7782-49-2	mg/L	3/13/2018	n/a	n/a	J	0.00124
MW-12	d	Selenium	7782-49-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	5	n/a	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	n/a	n/a	J	0.197
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	3/13/2018	1.88	n/a	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a	J	0.625
MW-13	d	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a		0.0593
MW-13	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.282
MW-13	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	3/13/2018	0.0005	n/a	ND	
MW-13	d	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.017
MW-13	d	Copper	7440-50-8	mg/L	3/13/2018	0.005	n/a	ND	
MW-13	d	Lead	7439-92-1	mg/L	3/13/2018	0.0005	n/a	ND	
MW-13	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.0267
MW-13	d	Selenium	7782-49-2	mg/L	3/13/2018	n/a	n/a	J	0.00151
MW-13	d	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-13	d	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-13	d	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-13	d	Acetone	67-64-1	ug/L	3/13/2018	n/a	n/a	J	5.7
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-13	d	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-13	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	5	n/a	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-13	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/13/2018	n/a	n/a	J	2.32
MW-13	d	Sulfide	18496-25-8	mg/L	3/13/2018	n/a	n/a		6.71
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	3/13/2018	0.0337	n/a	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		44.5
MW-14	d	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a		0.0167
MW-14	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.19
MW-14	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.000061
MW-14	d	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.00238
MW-14	d	Copper	7440-50-8	mg/L	3/13/2018	0.005	n/a	ND	
MW-14	d	Lead	7439-92-1	mg/L	3/13/2018	n/a	n/a		0.000622
MW-14	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.00686
MW-14	d	Selenium	7782-49-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-14	d	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-14	d	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-14	d	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-14	d	Acetone	67-64-1	ug/L	3/13/2018	n/a	n/a		11.6
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	5	n/a	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-14	d	Tin	7440-31-5	mg/L	3/13/2018	0.005	n/a	ND	
MW-14	d	Beta-BHC	319-85-7	ug/L	3/13/2018	0.0327	n/a	ND	
MW-14	d	Delta-BHC	319-86-8	ug/L	3/13/2018	0.163	n/a	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		38.8
MW-16	d	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a	J	0.00188
MW-16	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.0389
MW-16	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	3/13/2018	0.0005	n/a	ND	
MW-16	d	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.000502
MW-16	d	Copper	7440-50-8	mg/L	3/13/2018	0.005	n/a	ND	
MW-16	d	Lead	7439-92-1	mg/L	3/13/2018	0.0005	n/a	ND	
MW-16	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a	J	0.00146
MW-16	d	Selenium	7782-49-2	mg/L	3/13/2018	n/a	n/a	J	0.00119
MW-16	d	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-16	d	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	3/13/2018	n/a	n/a	J	0.00121
MW-16	d	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-16	d	Acetone	67-64-1	ug/L	3/13/2018	10	n/a	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-16	d	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-16	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	5	n/a	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-16	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		107
MW-28	u	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-28	u	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a	J	0.000818
MW-28	u	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.0522
MW-28	u	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.00027
MW-28	u	Chromium	7440-47-3	mg/L	3/13/2018	n/a	n/a	J	0.0016
MW-28	u	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.000555
MW-28	u	Copper	7440-50-8	mg/L	3/13/2018	n/a	n/a	J	0.00222
MW-28	u	Lead	7439-92-1	mg/L	3/13/2018	n/a	n/a		0.00238
MW-28	u	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.0097
MW-28	u	Selenium	7782-49-2	mg/L	3/13/2018	n/a	n/a	J	0.00275
MW-28	u	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-28	u	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	3/13/2018	n/a	n/a	J	0.00263
MW-28	u	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-28	u	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		146
MW-2AR	d	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a		0.0638
MW-2AR	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		1.12
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.000097
MW-2AR	d	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.000917
MW-2AR	d	Copper	7440-50-8	mg/L	3/13/2018	0.005	n/a	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/13/2018	0.0005	n/a	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.00846
MW-2AR	d	Selenium	7782-49-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/13/2018	n/a	n/a	J	0.00199
MW-2AR	d	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-2AR	d	Mercury	7439-97-6	mg/L	3/13/2018	0.0002	n/a	ND	
MW-2AR	d	Tin	7440-31-5	mg/L	3/13/2018	0.005	n/a	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/13/2018	n/a	n/a	J	4.31
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/13/2018	n/a	n/a	J	0.457
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	n/a	n/a		1.2
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/13/2018	n/a	n/a	J	2.45
MW-2AR	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	n/a	n/a	J	0.416
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	n/a	n/a	J	0.283
MW-2AR	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-2AR	d	1,1-Dichloropropene	563-58-6	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/13/2018	5	n/a	ND	
MW-2AR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,3-Dichloropropane	142-28-9	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	1,4-Naphthoquinone	130-15-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	1,4-Phenylenediamine	106-50-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	1-Naphthylamine	134-32-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2,2-Dichloropropane	594-20-7	ug/L	3/13/2018	4	n/a	ND	
MW-2AR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2,4,5-T [2C]	93-76-5	ug/L	3/13/2018	1.1	n/a	ND	
MW-2AR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2,4-D [2C]	94-75-7	ug/L	3/13/2018	1.1	n/a	ND	
MW-2AR	d	2,4-Dichlorophenol	120-83-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2,4-Dimethylphenol	105-67-9	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2,4-Dinitrophenol	51-28-5	ug/L	3/13/2018	20.8	n/a	ND	
MW-2AR	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2,6-Dichlorophenol	87-65-0	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2-Acetylaminofluorene	53-96-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	2-Chloronaphthalene	91-58-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2-Chlorophenol	95-57-8	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2-Methylnaphthalene	91-57-6	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2-Methylphenol	95-48-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2-Naphthylamine	91-59-8	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2-Nitroaniline	88-74-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2-Nitrophenol	88-75-5	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/13/2018	52.1	n/a	ND	
MW-2AR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	3/4-Methylphenol	T-34MP	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	3-Methylcholanthrene	56-49-5	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	3-Nitroaniline	99-09-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	4,4'-DDD	72-54-8	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	4,4'-DDE	72-55-9	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	4,4'-DDT	50-29-3	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	4-Aminobiphenyl	92-67-1	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	4-Chloroaniline	106-47-8	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	4-Nitroaniline	100-01-6	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	4-Nitrophenol	100-02-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Acenaphthene	83-32-9	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Acenaphthylene	208-96-8	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Acetonitrile	75-05-8	ug/L	3/13/2018	10000	n/a	ND	
MW-2AR	d	Acetophenone	98-86-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Acrolein	107-02-8	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	Aldrin	309-00-2	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	3-Chloropropene	107-05-1	ug/L	3/13/2018	2	n/a	ND	
MW-2AR	d	alpha-BHC	319-84-6	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Anthracene	120-12-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Benzo [a] anthracene	56-55-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Benzo [a] pyrene	50-32-8	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Benzyl alcohol	100-51-6	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	beta-BHC	319-85-7	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/13/2018	n/a	n/a	J	2.51
MW-2AR	d	Butyl benzyl phthalate	85-68-7	ug/L	3/13/2018	n/a	n/a	J	1.15
MW-2AR	d	Chlordane	57-74-9	ug/L	3/13/2018	2.15	n/a	ND	
MW-2AR	d	Chlorobenzilate	510-15-6	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Chloroprene	126-99-8	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Chrysene	218-01-9	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Cyanide	57-12-5	mg/L	3/13/2018	0.01	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	delta-BHC	319-86-8	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Diallate [cis or trans]	2303-16-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Dibenzofuran	132-64-9	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Dichlorodifluoromethane	75-71-8	ug/L	3/13/2018	3	n/a	ND	
MW-2AR	d	Dieldrin	60-57-1	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Diethyl phthalate	84-66-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Dimethoate	60-51-5	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Dimethyl phthalate	131-11-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Di-n-butyl phthalate	84-74-2	ug/L	3/13/2018	n/a	n/a	J	0.895
MW-2AR	d	Di-n-octyl phthalate	117-84-0	ug/L	3/13/2018	20.8	n/a	ND	
MW-2AR	d	Dinoseb	88-85-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Diphenylamine	122-39-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Disulfoton	298-04-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Endosulfan I	959-98-8	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Endosulfan II	33213-65-9	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Endosulfan sulfate	1031-07-8	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Endrin	72-20-8	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Endrin aldehyde	7421-93-4	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Ethyl Methacrylate	97-63-2	ug/L	3/13/2018	2	n/a	ND	
MW-2AR	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Famphur	52-85-7	ug/L	3/13/2018	20.8	n/a	ND	
MW-2AR	d	Fluoranthene	206-44-0	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Fluorene	86-73-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	gamma-BHC [Lindane]	58-89-9	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Heptachlor	76-44-8	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Heptachlor epoxide	1024-57-3	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Hexachlorobenzene	118-74-1	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Hexachlorobutadiene	87-68-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/13/2018	20.8	n/a	ND	
MW-2AR	d	Hexachloroethane	67-72-1	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Hexachloropropene	1888-71-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Isobutanol	78-83-1	mg/L	3/13/2018	10	n/a	ND	
MW-2AR	d	Isodrin	465-73-6	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Isophorone	78-59-1	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Isosafrole	120-58-1	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Kepone	143-50-0	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Methacrylonitrile	126-98-7	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	Methapyrilene	91-80-5	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Methoxychlor	72-43-5	ug/L	3/13/2018	0.0344	n/a	ND	
MW-2AR	d	Methyl Methacrylate	80-62-6	ug/L	3/13/2018	2	n/a	ND	
MW-2AR	d	Methyl Methanesulfonate	66-27-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Naphthalene	91-20-3	ug/L	3/13/2018	5	n/a	ND	
MW-2AR	d	Nitrobenzene	98-95-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	N-Nitrosopiperidine	100-75-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	o-Toluidine	95-53-4	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Parathion-ethyl	56-38-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Parathion-methyl	298-00-0	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	PCB-1016	12674-11-2	ug/L	3/13/2018	0.889	n/a	ND	
MW-2AR	d	PCB-1221	11104-28-2	ug/L	3/13/2018	0.889	n/a	ND	
MW-2AR	d	PCB-1232	11141-16-5	ug/L	3/13/2018	0.889	n/a	ND	
MW-2AR	d	PCB-1242	53469-21-9	ug/L	3/13/2018	0.889	n/a	ND	
MW-2AR	d	PCB-1248	12672-29-6	ug/L	3/13/2018	0.889	n/a	ND	
MW-2AR	d	PCB-1254	11097-69-1	ug/L	3/13/2018	0.889	n/a	ND	
MW-2AR	d	PCB-1260	11096-82-5	ug/L	3/13/2018	0.889	n/a	ND	
MW-2AR	d	Pentachlorobenzene	608-93-5	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Pentachloronitrobenzene	82-68-8	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Phenacetin	62-44-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Phenanthrene	85-01-8	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Phenol	108-95-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Phorate	298-02-2	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Pronamide	23950-58-5	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Propionitrile	107-12-0	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	Pyrene	129-00-0	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	Safrole	94-59-7	ug/L	3/13/2018	10.4	n/a	ND	
MW-2AR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/13/2018	1.1	n/a	ND	
MW-2AR	d	Sulfide	18496-25-8	mg/L	3/13/2018	n/a	n/a		5.94
MW-2AR	d	Thionazin	297-97-2	ug/L	3/13/2018	10.4	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Toxaphene	8001-35-2	ug/L	3/13/2018	2.15	n/a	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		62.7
MW-3	d	Antimony	7440-36-0	mg/L	3/13/2018	n/a	n/a	J	0.002
MW-3	d	Antimony	7440-36-0	mg/L	3/13/2018	n/a	n/a	J	0.00186
MW-3	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a		0.0915
MW-3	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a		0.0978
MW-3	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		4.06
MW-3	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		4.29
MW-3	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.004	n/a	ND	
MW-3	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.004	n/a	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.00068
MW-3	d	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.000852
MW-3	d	Chromium	7440-47-3	mg/L	3/13/2018	n/a	n/a		0.0201
MW-3	d	Chromium	7440-47-3	mg/L	3/13/2018	n/a	n/a	J	0.0187
MW-3	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.0345
MW-3	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.0367
MW-3	d	Copper	7440-50-8	mg/L	3/13/2018	0.02	n/a	ND	
MW-3	d	Copper	7440-50-8	mg/L	3/13/2018	0.02	n/a	ND	
MW-3	d	Lead	7439-92-1	mg/L	3/13/2018	n/a	n/a		0.012
MW-3	d	Lead	7439-92-1	mg/L	3/13/2018	n/a	n/a		0.0129
MW-3	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.147
MW-3	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.154
MW-3	d	Selenium	7782-49-2	mg/L	3/13/2018	0.02	n/a	ND	
MW-3	d	Selenium	7782-49-2	mg/L	3/13/2018	0.02	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/13/2018	0.004	n/a	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/13/2018	0.004	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/13/2018	0.004	n/a	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/13/2018	0.004	n/a	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/13/2018	n/a	n/a		0.0299
MW-3	d	Vanadium	7440-62-2	mg/L	3/13/2018	n/a	n/a		0.0279
MW-3	d	Zinc	7440-66-6	mg/L	3/13/2018	n/a	n/a		0.0814
MW-3	d	Zinc	7440-66-6	mg/L	3/13/2018	n/a	n/a	J	0.0748
MW-3	d	Acetone	67-64-1	ug/L	3/13/2018	n/a	n/a		34.5
MW-3	d	Acetone	67-64-1	ug/L	3/13/2018	n/a	n/a		50.3
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/13/2018	n/a	n/a		2.95
MW-3	d	Benzene	71-43-2	ug/L	3/13/2018	n/a	n/a		3.3
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	n/a	n/a	J	0.252
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	n/a	n/a	J	0.248
MW-3	d	Chloroethane	75-00-3	ug/L	3/13/2018	n/a	n/a	J	2.81
MW-3	d	Chloroethane	75-00-3	ug/L	3/13/2018	n/a	n/a		5.16
MW-3	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	n/a	n/a	J	0.271
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	n/a	n/a	J	0.423
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	n/a	n/a		11.2
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	n/a	n/a		10.5
MW-3	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	5	n/a	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	n/a	n/a	J	0.229
MW-3	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/13/2018	n/a	n/a	J	0.49
MW-3	d	Toluene	108-88-3	ug/L	3/13/2018	n/a	n/a	J	0.502
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/13/2018	n/a	n/a	J	0.186
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/13/2018	n/a	n/a	J	0.119
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	n/a	n/a		10.7
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	n/a	n/a		11.4
MW-3	d	2-Butanone	78-93-3	ug/L	3/13/2018	n/a	n/a		16.5
MW-3	d	2-Butanone	78-93-3	ug/L	3/13/2018	n/a	n/a		10.3
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		232
MW-3	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		242
MW-5AR	u	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a	J	0.000522
MW-5AR	u	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.0536
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.000095
MW-5AR	u	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a	J	0.00014
MW-5AR	u	Copper	7440-50-8	mg/L	3/13/2018	n/a	n/a	J	0.00368
MW-5AR	u	Lead	7439-92-1	mg/L	3/13/2018	n/a	n/a	J	0.000473
MW-5AR	u	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a	J	0.000992
MW-5AR	u	Selenium	7782-49-2	mg/L	3/13/2018	n/a	n/a	J	0.00292
MW-5AR	u	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/13/2018	n/a	n/a	J	0.00112
MW-5AR	u	Zinc	7440-66-6	mg/L	3/13/2018	n/a	n/a	J	0.0157
MW-5AR	u	Acetone	67-64-1	ug/L	3/13/2018	10	n/a	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/13/2018	5	n/a	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		12.5
MW-6A	u	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/13/2018	0.002	n/a	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.318
MW-6A	u	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.000108
MW-6A	u	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a	J	0.000114
MW-6A	u	Copper	7440-50-8	mg/L	3/13/2018	0.005	n/a	ND	
MW-6A	u	Lead	7439-92-1	mg/L	3/13/2018	0.0005	n/a	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a	J	0.00178
MW-6A	u	Selenium	7782-49-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-6A	u	Acetone	67-64-1	ug/L	3/13/2018	n/a	n/a	J	2.31
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-6A	u	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/13/2018	5	n/a	ND	
MW-6A	u	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		3.75
MW-8R	d	Antimony	7440-36-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a		0.037
MW-8R	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.0465
MW-8R	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/13/2018	0.0005	n/a	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.00475
MW-8R	d	Copper	7440-50-8	mg/L	3/13/2018	0.005	n/a	ND	
MW-8R	d	Lead	7439-92-1	mg/L	3/13/2018	0.0005	n/a	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.0106
MW-8R	d	Selenium	7782-49-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-8R	d	Acetone	67-64-1	ug/L	3/13/2018	10	n/a	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	n/a	n/a	J	0.231
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		241
MW-9B	d	Antimony	7440-36-0	mg/L	3/13/2018	n/a	n/a	J	0.000192
MW-9B	d	Arsenic	7440-38-2	mg/L	3/13/2018	n/a	n/a		0.00334
MW-9B	d	Barium	7440-39-3	mg/L	3/13/2018	n/a	n/a		0.0441
MW-9B	d	Beryllium	7440-41-7	mg/L	3/13/2018	0.001	n/a	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	3/13/2018	n/a	n/a	J	0.000181
MW-9B	d	Chromium	7440-47-3	mg/L	3/13/2018	0.005	n/a	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	3/13/2018	n/a	n/a		0.0139
MW-9B	d	Copper	7440-50-8	mg/L	3/13/2018	n/a	n/a	J	0.0034
MW-9B	d	Lead	7439-92-1	mg/L	3/13/2018	n/a	n/a		0.000878
MW-9B	d	Nickel	7440-02-0	mg/L	3/13/2018	n/a	n/a		0.0135
MW-9B	d	Selenium	7782-49-2	mg/L	3/13/2018	0.005	n/a	ND	
MW-9B	d	Silver	7440-22-4	mg/L	3/13/2018	0.001	n/a	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	3/13/2018	0.001	n/a	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	3/13/2018	n/a	n/a	J	0.00219
MW-9B	d	Zinc	7440-66-6	mg/L	3/13/2018	0.02	n/a	ND	
MW-9B	d	Acetone	67-64-1	ug/L	3/13/2018	10	n/a	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	3/13/2018	10	n/a	ND	
MW-9B	d	Benzene	71-43-2	ug/L	3/13/2018	0.5	n/a	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	3/13/2018	5	n/a	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	3/13/2018	5	n/a	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	3/13/2018	10	n/a	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	3/13/2018	2	n/a	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	3/13/2018	4	n/a	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	3/13/2018	5	n/a	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/13/2018	0.5	n/a	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/13/2018	0.13	n/a	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/13/2018	10	n/a	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	3/13/2018	2	n/a	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/13/2018	5	n/a	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/13/2018	5	n/a	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	3/13/2018	10	n/a	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	3/13/2018	4	n/a	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	3/13/2018	3	n/a	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	3/13/2018	10	n/a	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	3/13/2018	5	n/a	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/13/2018	10	n/a	ND	
MW-9B	d	Styrene	100-42-5	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Toluene	108-88-3	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	3/13/2018	4	n/a	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	3/13/2018	10	n/a	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	3/13/2018	1	n/a	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	3/13/2018	3	n/a	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	3/13/2018	n/a	n/a		109
MW-9B	d	Cobalt	7440-48-4	mg/L	5/4/2018	n/a	n/a		0.0078
MW-9B	d	Total Suspended Solids	TSS	mg/L	5/4/2018	n/a	n/a		30.9
MW-28	u	Antimony	7440-36-0	mg/L	7/9/2018	0.001	n/a	ND	
MW-28	u	Arsenic	7440-38-2	mg/L	7/9/2018	n/a	n/a	J	0.000641
MW-28	u	Barium	7440-39-3	mg/L	7/9/2018	n/a	n/a		0.0542
MW-28	u	Beryllium	7440-41-7	mg/L	7/9/2018	0.001	n/a	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	7/9/2018	n/a	n/a	J	0.000153
MW-28	u	Chromium	7440-47-3	mg/L	7/9/2018	n/a	n/a	J	0.00178
MW-28	u	Cobalt	7440-48-4	mg/L	7/9/2018	n/a	n/a	J	0.000408
MW-28	u	Copper	7440-50-8	mg/L	7/9/2018	0.005	n/a	ND	
MW-28	u	Lead	7439-92-1	mg/L	7/9/2018	n/a	n/a		0.000765
MW-28	u	Nickel	7440-02-0	mg/L	7/9/2018	n/a	n/a		0.00632
MW-28	u	Selenium	7782-49-2	mg/L	7/9/2018	n/a	n/a	J	0.00178

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	Silver	7440-22-4	mg/L	7/9/2018	n/a	n/a	J	0.000473
MW-28	u	Thallium	7440-28-0	mg/L	7/9/2018	0.001	n/a	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	7/9/2018	n/a	n/a	J	0.00297
MW-28	u	Zinc	7440-66-6	mg/L	7/9/2018	0.02	n/a	ND	
MW-28	u	Total Suspended Solids	TSS	mg/L	7/9/2018	n/a	n/a		34.3
MW-9B	d	Cobalt	7440-48-4	mg/L	7/9/2018	n/a	n/a		0.0064
MW-9B	d	Total Suspended Solids	TSS	mg/L	7/9/2018	n/a	n/a		70.3
GDE	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
GDE	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.00463
GDE	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.227
GDE	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
GDE	d	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
GDE	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00432
GDE	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.00101
GDE	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002	J	0.00109
GDE	d	Lead	7439-92-1	mg/L	9/27/2018	0.000186	0.0005	J	0.000323
GDE	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.00624
GDE	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
GDE	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
GDE	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
GDE	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005	J	0.00317
GDE	d	Zinc	7440-66-6	mg/L	9/27/2018	0.00692	0.02	J	0.0157
GDE	d	Acetone	67-64-1	ug/L	9/27/2018	3.1	10	J	3.54
GDE	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
GDE	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
GDE	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
GDE	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
GDE	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
GDE	d	Carbon Disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
GDE	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
GDE	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
GDE	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
GDE	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
GDE	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
GDE	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
GDE	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
GDE	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
GDE	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
GDE	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
GDE	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
GDE	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
GDE	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
GDE	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
GDE	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
GDE	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
GDE	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
GDE	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
GDE	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
GDE	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
GDE	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
GDE	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
GDE	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
GDE	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
GDE	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
GDE	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
GDE	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
GDE	d	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
GDE	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
GDE	d	Total Suspended Solids	TSS	mg/L	9/27/2018	5.1	15		193
GDW	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
GDW	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.0047
GDW	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.203
GDW	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
GDW	d	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
GDW	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00385
GDW	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.00176
GDW	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002	J	0.00136
GDW	d	Lead	7439-92-1	mg/L	9/27/2018	n/a	0.0005	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.00666
GDW	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
GDW	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
GDW	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
GDW	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005	J	0.00454
GDW	d	Zinc	7440-66-6	mg/L	9/27/2018	0.00692	0.02	J	0.0149
GDW	d	Acetone	67-64-1	ug/L	9/27/2018	n/a	10	ND	
GDW	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
GDW	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
GDW	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
GDW	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
GDW	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
GDW	d	Carbon Disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
GDW	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
GDW	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
GDW	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
GDW	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
GDW	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
GDW	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
GDW	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
GDW	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
GDW	d	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
GDW	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
GDW	d	Total Suspended Solids	TSS	mg/L	9/27/2018	1.7	5	J	4.33
MW-1	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.00507
MW-1	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.13
MW-1	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
MW-1	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00145
MW-1	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.00313
MW-1	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002		0.00416
MW-1	d	Lead	7439-92-1	mg/L	9/27/2018	n/a	0.0005	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.00627
MW-1	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/27/2018	n/a	0.005	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/27/2018	n/a	0.02	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/27/2018	n/a	10	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	9/27/2018	0.638	1.88		3.38
MW-12	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.00233
MW-12	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.0644
MW-12	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/27/2018	0.000167	0.0005	J	0.000225
MW-12	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00412
MW-12	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001	J	0.000729
MW-12	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002		0.00397
MW-12	d	Lead	7439-92-1	mg/L	9/27/2018	n/a	0.0005	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.0258
MW-12	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-12	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005		0.00681
MW-12	d	Zinc	7440-66-6	mg/L	9/27/2018	0.00692	0.02	J	0.0107
MW-12	d	Acetone	67-64-1	ug/L	9/27/2018	n/a	10	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
MW-12	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	9/27/2018	0.638	1.88	J	1
MW-13	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.0312
MW-13	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.22
MW-13	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00363
MW-13	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.0162
MW-13	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002	J	0.000986
MW-13	d	Lead	7439-92-1	mg/L	9/27/2018	n/a	0.0005	ND	
MW-13	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.0239
MW-13	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
MW-13	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005	J	0.00433
MW-13	d	Zinc	7440-66-6	mg/L	9/27/2018	0.00692	0.02	J	0.00877
MW-13	d	Acetone	67-64-1	ug/L	9/27/2018	3.1	10	J	4.67
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/27/2018	n/a	10.3	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	9/27/2018	0.231	1		2.14
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	9/27/2018	n/a	0.0352	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	9/27/2018	1.28	3.75		25.5
MW-13	d	DCB Decachlorobiphenyl	2051-24-3	ug/L	9/27/2018	n/a	n/a		0.343
MW-13	d	DCB Decachlorobiphenyl	2051-24-3	ug/L	9/27/2018	n/a	n/a		0.407
MW-13	d	Tetrachloro-m-xylene	877-09-8	ug/L	9/27/2018	n/a	n/a		0.374
MW-13	d	Tetrachloro-m-xylene	877-09-8	ug/L	9/27/2018	n/a	n/a		0.368
MW-13	d	Nitrobenzene-d5	4165-60-0	ug/L	9/27/2018	n/a	n/a		55.7
MW-13	d	2-Fluorobiphenyl	321-60-8	ug/L	9/27/2018	n/a	n/a		56.1
MW-13	d	Terphenyl-d14	1718-51-0	ug/L	9/27/2018	n/a	n/a		45.9
MW-14	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.0221
MW-14	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.238
MW-14	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
MW-14	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00398
MW-14	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.00183
MW-14	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002		0.00206
MW-14	d	Lead	7439-92-1	mg/L	9/27/2018	0.000186	0.0005		0.000503
MW-14	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.0074
MW-14	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
MW-14	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-14	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005	J	0.00346
MW-14	d	Zinc	7440-66-6	mg/L	9/27/2018	n/a	0.02	ND	
MW-14	d	Acetone	67-64-1	ug/L	9/27/2018	3.1	10	J	3.57
MW-14	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-14	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	9/27/2018	0.45	1	J	0.834
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
MW-14	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-14	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-14	d	Tin	7440-31-5	mg/L	9/27/2018	n/a	0.005	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Beta-BHC	319-85-7	ug/L	9/27/2018	n/a	1.74	ND	
MW-14	d	Delta-BHC	319-86-8	ug/L	9/27/2018	n/a	1.74	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	9/27/2018	1.28	3.75		31.8
MW-14	d	DCB Decachlorobiphenyl	2051-24-3	ug/L	9/27/2018	n/a	n/a		0.63
MW-14	d	Tetrachloro-m-xylene	877-09-8	ug/L	9/27/2018	n/a	n/a	X	1.25
MW-16	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.00486
MW-16	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.0631
MW-16	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
MW-16	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00461
MW-16	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.00154
MW-16	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002		0.0021
MW-16	d	Lead	7439-92-1	mg/L	9/27/2018	0.000186	0.0005	J	0.000206
MW-16	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.00296
MW-16	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
MW-16	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-16	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005		0.00742
MW-16	d	Zinc	7440-66-6	mg/L	9/27/2018	n/a	0.02	ND	
MW-16	d	Acetone	67-64-1	ug/L	9/27/2018	n/a	10	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-16	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
MW-16	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-16	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	9/27/2018	0.638	1.88		24.3
MW-28	u	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-28	u	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001	J	0.000833
MW-28	u	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.0744
MW-28	u	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	9/27/2018	0.000167	0.0005	J	0.000253
MW-28	u	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00118
MW-28	u	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001	J	0.000474
MW-28	u	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002	J	0.00155
MW-28	u	Lead	7439-92-1	mg/L	9/27/2018	n/a	0.0005	ND	
MW-28	u	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.0084
MW-28	u	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-28	u	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	9/27/2018	n/a	0.005	ND	
MW-28	u	Zinc	7440-66-6	mg/L	9/27/2018	0.00692	0.02	J	0.00756
MW-28	u	Total Suspended Solids	TSS	mg/L	9/27/2018	0.638	1.88		5.5
MW-2AR	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.0438
MW-2AR	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.868
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00179
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.00119
MW-2AR	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002		0.00281
MW-2AR	d	Lead	7439-92-1	mg/L	9/27/2018	n/a	0.0005	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.0101
MW-2AR	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005	J	0.00245
MW-2AR	d	Zinc	7440-66-6	mg/L	9/27/2018	n/a	0.02	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	9/27/2018	3.1	10	J	3.33
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/27/2018	0.22	0.5		0.643
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	0.4	1	J	0.908
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/27/2018	0.79	4	J	1.89
MW-2AR	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	0.23	1	J	0.673
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-2AR	d	Sulfide	18496-25-8	mg/L	9/27/2018	n/a	1	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	9/27/2018	1.7	5		87
MW-5AR	u	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.00159
MW-5AR	u	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.0445
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00434
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001	J	0.000416
MW-5AR	u	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002		0.00416
MW-5AR	u	Lead	7439-92-1	mg/L	9/27/2018	0.000186	0.0005	J	0.000246
MW-5AR	u	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002	J	0.00128

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Selenium	7782-49-2	mg/L	9/27/2018	0.000982	0.0025	J	0.00204
MW-5AR	u	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005		0.00579
MW-5AR	u	Zinc	7440-66-6	mg/L	9/27/2018	0.00692	0.02	J	0.0104
MW-5AR	u	Acetone	67-64-1	ug/L	9/27/2018	n/a	10	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	9/27/2018	0.638	1.88		12
MW-6A	u	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001	J	0.00051
MW-6A	u	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.365
MW-6A	u	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00148
MW-6A	u	Cobalt	7440-48-4	mg/L	9/27/2018	n/a	0.001	ND	
MW-6A	u	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002	J	0.00192
MW-6A	u	Lead	7439-92-1	mg/L	9/27/2018	n/a	0.0005	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.00222
MW-6A	u	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/27/2018	n/a	0.005	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	9/27/2018	n/a	0.02	ND	
MW-6A	u	Acetone	67-64-1	ug/L	9/27/2018	n/a	10	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-6A	u	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-6A	u	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	9/27/2018	0.638	1.88	J	1.75
MW-8R	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.0101
MW-8R	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.0245
MW-8R	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/27/2018	0.000167	0.0005	J	0.000228
MW-8R	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00386
MW-8R	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.00553
MW-8R	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002		0.00473
MW-8R	d	Lead	7439-92-1	mg/L	9/27/2018	0.000186	0.0005	J	0.000252
MW-8R	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.00969
MW-8R	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005		0.00712
MW-8R	d	Zinc	7440-66-6	mg/L	9/27/2018	0.00692	0.02	J	0.00736
MW-8R	d	Acetone	67-64-1	ug/L	9/27/2018	n/a	10	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	9/27/2018	1.7	5		52.3
MW-9B	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.00387
MW-9B	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.0242
MW-9B	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
MW-9B	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.00449
MW-9B	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.00164
MW-9B	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002	J	0.00164
MW-9B	d	Lead	7439-92-1	mg/L	9/27/2018	0.000186	0.0005	J	0.000289
MW-9B	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.00687
MW-9B	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
MW-9B	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005		0.00806
MW-9B	d	Zinc	7440-66-6	mg/L	9/27/2018	0.00692	0.02	J	0.0098
MW-9B	d	Acetone	67-64-1	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
MW-9B	d	Mercury	7439-97-6	mg/L	9/27/2018	n/a	0.0002	ND	
MW-9B	d	Tin	7440-31-5	mg/L	9/27/2018	n/a	0.005	ND	
MW-9B	d	Acrolein	107-02-8	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	3-Chloropropene	107-05-1	ug/L	9/27/2018	n/a	2	ND	
MW-9B	d	Chloroprene	126-99-8	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Dichlorodifluoromethane	75-71-8	ug/L	9/27/2018	n/a	3	ND	
MW-9B	d	1,3-Dichloropropane	142-28-9	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	2,2-Dichloropropane	594-20-7	ug/L	9/27/2018	n/a	4	ND	
MW-9B	d	1,1-Dichloropropene	563-58-6	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/27/2018	n/a	1	ND	
MW-9B	d	Ethyl Methacrylate	97-63-2	ug/L	9/27/2018	n/a	2	ND	
MW-9B	d	Methacrylonitrile	126-98-7	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	Methyl Methacrylate	80-62-6	ug/L	9/27/2018	n/a	2	ND	
MW-9B	d	Naphthalene	91-20-3	ug/L	9/27/2018	n/a	5	ND	
MW-9B	d	Propionitrile	107-12-0	ug/L	9/27/2018	n/a	10	ND	
MW-9B	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/27/2018	n/a	5	ND	
MW-9B	d	Acenaphthene	83-32-9	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Acenaphthylene	208-96-8	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Acetophenone	98-86-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2-Acetylaminofluorene	53-96-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	4-Aminobiphenyl	92-67-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Anthracene	120-12-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Benzo [a] anthracene	56-55-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Benzo [a] pyrene	50-32-8	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Benzyl alcohol	100-51-6	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Butyl benzyl phthalate	85-68-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	4-Chloroaniline	106-47-8	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Chlorobenzilate	510-15-6	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2-Chloronaphthalene	91-58-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2-Chlorophenol	95-57-8	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Chrysene	218-01-9	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	3/4-Methylphenol	T-34MP	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2-Methylphenol	95-48-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Diallate [cis or trans]	2303-16-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Dibenzofuran	132-64-9	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Di-n-butyl phthalate	84-74-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2,4-Dichlorophenol	120-83-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2,6-Dichlorophenol	87-65-0	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Diethyl phthalate	84-66-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Thionazin	297-97-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Dimethoate	60-51-5	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2,4-Dimethylphenol	105-67-9	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Dimethyl phthalate	131-11-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2,4-Dinitrophenol	51-28-5	ug/L	9/27/2018	n/a	22.2	ND	
MW-9B	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Di-n-octyl phthalate	117-84-0	ug/L	9/27/2018	n/a	22.2	ND	
MW-9B	d	Diphenylamine	122-39-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Disulfoton	298-04-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Famphur	52-85-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Fluoranthene	206-44-0	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Fluorene	86-73-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Hexachlorobenzene	118-74-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Hexachlorobutadiene	87-68-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Hexachloroethane	67-72-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Hexachloropropene	1888-71-7	ug/L	9/27/2018	n/a	11.1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Isodrin	465-73-6	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Isophorone	78-59-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Isosafrole	120-58-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Kepone	143-50-0	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Methapyrilene	91-80-5	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	3-Methylcholanthrene	56-49-5	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Methyl Methanesulfonate	66-27-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2-Methylnaphthalene	91-57-6	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Parathion-Methyl	298-00-0	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	1,4-Naphthoquinone	130-15-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	1-Naphthylamine	134-32-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2-Naphthylamine	91-59-8	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2-Nitroaniline	88-74-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	3-Nitroaniline	99-09-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	4-Nitroaniline	100-01-6	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Nitrobenzene	98-95-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2-Nitrophenol	88-75-5	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	4-Nitrophenol	100-02-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	N-Nitrosopiperidine	100-75-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Parathion-Ethyl	56-38-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Pentachlorobenzene	608-93-5	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Pentachloronitrobenzene	82-68-8	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Phenacetin	62-44-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Phenanthrene	85-01-8	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Phenol	108-95-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	1,4-Phenylenediamine	106-50-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Phorate	298-02-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Pronamide	23950-58-5	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Pyrene	129-00-0	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Safrole	94-59-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	o-Toluidine	95-53-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/27/2018	n/a	n/a		57.6
MW-9B	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Dinoseb	88-85-7	ug/L	9/27/2018	n/a	11.1	ND	
MW-9B	d	Acetonitrile	75-05-8	ug/L	9/27/2018	n/a	10000	ND	
MW-9B	d	Isobutanol	78-83-1	mg/L	9/27/2018	n/a	10	ND	
MW-9B	d	PCB-1016	12674-11-2	ug/L	9/27/2018	n/a	0.808	ND	
MW-9B	d	PCB-1221	11104-28-2	ug/L	9/27/2018	n/a	0.808	ND	
MW-9B	d	PCB-1232	11141-16-5	ug/L	9/27/2018	n/a	0.808	ND	
MW-9B	d	PCB-1242	53469-21-9	ug/L	9/27/2018	n/a	0.808	ND	
MW-9B	d	PCB-1248	12672-29-6	ug/L	9/27/2018	n/a	0.808	ND	
MW-9B	d	PCB-1254	11097-69-1	ug/L	9/27/2018	n/a	0.808	ND	
MW-9B	d	PCB-1260	11096-82-5	ug/L	9/27/2018	n/a	0.808	ND	
MW-9B	d	Cyanide	57-12-5	mg/L	9/27/2018	n/a	0.01	ND	
MW-9B	d	Sulfide	18496-25-8	mg/L	9/27/2018	n/a	1	ND	
MW-9B	d	2,4-D [2C]	94-75-7	ug/L	9/27/2018	n/a	1.03	ND	
MW-9B	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/27/2018	n/a	1.03	ND	
MW-9B	d	Alpha-BHC	319-84-6	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Beta-BHC	319-85-7	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Dieldrin	60-57-1	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	4,4'-DDE	72-55-9	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Delta-BHC	319-86-8	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Endrin	72-20-8	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Endosulfan II	33213-65-9	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Heptachlor	76-44-8	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	4,4'-DDD	72-54-8	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Aldrin	309-00-2	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Endosulfan sulfate	1031-07-8	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Heptachlor Epoxide	1024-57-3	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	4,4'-DDT	50-29-3	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Endosulfan I	959-98-8	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Methoxychlor	72-43-5	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Toxaphene	8001-35-2	ug/L	9/27/2018	n/a	2.22	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Endrin aldehyde	7421-93-4	ug/L	9/27/2018	n/a	0.0356	ND	
MW-9B	d	Chlordane	57-74-9	ug/L	9/27/2018	n/a	2.22	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	9/27/2018	0.638	1.88		19.1
MW-9B	d	DCB Decachlorobiphenyl	2051-24-3	ug/L	9/27/2018	n/a	n/a		0.453
MW-9B	d	DCB Decachlorobiphenyl	2051-24-3	ug/L	9/27/2018	n/a	n/a		0.0139
MW-9B	d	Tetrachloro-m-xylene	877-09-8	ug/L	9/27/2018	n/a	n/a		0.462
MW-9B	d	Tetrachloro-m-xylene	877-09-8	ug/L	9/27/2018	n/a	n/a	X	0.0161
MW-9B	d	2,4,5-T	93-76-5	ug/L	9/27/2018	n/a	1.03	ND	
MW-9B	d	DCAA	19719-28-9	ug/L	9/27/2018	n/a	n/a		1.6
MW-9B	d	2-Fluorophenol	367-12-4	ug/L	9/27/2018	n/a	n/a		33.8
MW-9B	d	Phenol-d6	13127-88-3	ug/L	9/27/2018	n/a	n/a		25.4
MW-9B	d	Nitrobenzene-d5	4165-60-0	ug/L	9/27/2018	n/a	n/a		49.5
MW-9B	d	2-Fluorobiphenyl	321-60-8	ug/L	9/27/2018	n/a	n/a		48.4
MW-9B	d	Terphenyl-d14	1718-51-0	ug/L	9/27/2018	n/a	n/a		59.9
UD-B	d	Antimony	7440-36-0	mg/L	9/27/2018	n/a	0.003	ND	
UD-B	d	Arsenic	7440-38-2	mg/L	9/27/2018	0.000232	0.001		0.00315
UD-B	d	Barium	7440-39-3	mg/L	9/27/2018	0.00073	0.0025		0.0879
UD-B	d	Beryllium	7440-41-7	mg/L	9/27/2018	n/a	0.001	ND	
UD-B	d	Cadmium	7440-43-9	mg/L	9/27/2018	n/a	0.0005	ND	
UD-B	d	Chromium	7440-47-3	mg/L	9/27/2018	0.00114	0.005	J	0.0037
UD-B	d	Cobalt	7440-48-4	mg/L	9/27/2018	0.000402	0.001		0.00415
UD-B	d	Copper	7440-50-8	mg/L	9/27/2018	0.000497	0.002		0.00306
UD-B	d	Lead	7439-92-1	mg/L	9/27/2018	n/a	0.0005	ND	
UD-B	d	Nickel	7440-02-0	mg/L	9/27/2018	0.000625	0.002		0.0266
UD-B	d	Selenium	7782-49-2	mg/L	9/27/2018	n/a	0.0025	ND	
UD-B	d	Silver	7440-22-4	mg/L	9/27/2018	n/a	0.0005	ND	
UD-B	d	Thallium	7440-28-0	mg/L	9/27/2018	n/a	0.002	ND	
UD-B	d	Vanadium	7440-62-2	mg/L	9/27/2018	0.00215	0.005		0.00577
UD-B	d	Zinc	7440-66-6	mg/L	9/27/2018	0.00692	0.02	J	0.0134
UD-B	d	Acetone	67-64-1	ug/L	9/27/2018	n/a	10	ND	
UD-B	d	Acrylonitrile	107-13-1	ug/L	9/27/2018	n/a	10	ND	
UD-B	d	Benzene	71-43-2	ug/L	9/27/2018	n/a	0.5	ND	
UD-B	d	Bromochloromethane	74-97-5	ug/L	9/27/2018	n/a	5	ND	
UD-B	d	Bromodichloromethane	75-27-4	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Bromoform	75-25-2	ug/L	9/27/2018	n/a	5	ND	
UD-B	d	2-Butanone	78-93-3	ug/L	9/27/2018	n/a	10	ND	
UD-B	d	Carbon Disulfide	75-15-0	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Carbon Tetrachloride	56-23-5	ug/L	9/27/2018	n/a	2	ND	
UD-B	d	Chlorobenzene	108-90-7	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Chloroethane	75-00-3	ug/L	9/27/2018	n/a	4	ND	
UD-B	d	Chloroform	67-66-3	ug/L	9/27/2018	n/a	3	ND	
UD-B	d	Chlorodibromomethane	124-48-1	ug/L	9/27/2018	n/a	5	ND	
UD-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/27/2018	n/a	0.5	ND	
UD-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/27/2018	n/a	0.13	ND	
UD-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/27/2018	n/a	10	ND	
UD-B	d	1,1-Dichloroethane	75-34-3	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	1,2-Dichloroethane	107-06-2	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	1,1-Dichloroethene	75-35-4	ug/L	9/27/2018	n/a	2	ND	
UD-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	1,2-Dichloropropane	78-87-5	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/27/2018	n/a	5	ND	
UD-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/27/2018	n/a	5	ND	
UD-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Ethylbenzene	100-41-4	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	2-Hexanone	591-78-6	ug/L	9/27/2018	n/a	10	ND	
UD-B	d	Bromomethane	74-83-9	ug/L	9/27/2018	n/a	4	ND	
UD-B	d	Chloromethane	74-87-3	ug/L	9/27/2018	n/a	3	ND	
UD-B	d	Iodomethane	74-88-4	ug/L	9/27/2018	n/a	10	ND	
UD-B	d	Methylene Bromide	74-95-3	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Methylene Chloride	75-09-2	ug/L	9/27/2018	n/a	5	ND	
UD-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/27/2018	n/a	10	ND	
UD-B	d	Styrene	100-42-5	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Tetrachloroethene	127-18-4	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Toluene	108-88-3	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Trichloroethene	79-01-6	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Trichlorofluoromethane	75-69-4	ug/L	9/27/2018	n/a	4	ND	
UD-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Vinyl Acetate	108-05-4	ug/L	9/27/2018	n/a	10	ND	
UD-B	d	Vinyl Chloride	75-01-4	ug/L	9/27/2018	n/a	1	ND	
UD-B	d	Xylenes, total	1330-20-7	ug/L	9/27/2018	n/a	3	ND	
UD-B	d	Total Suspended Solids	TSS	mg/L	9/27/2018	1.7	5	J	4.67
MW-3	d	Antimony	7440-36-0	mg/L	9/28/2018	0.00132	0.003		0.00341
MW-3	d	Arsenic	7440-38-2	mg/L	9/28/2018	0.000232	0.001		0.0407

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Barium	7440-39-3	mg/L	9/28/2018	0.00073	0.0025		1.87
MW-3	d	Beryllium	7440-41-7	mg/L	9/28/2018	n/a	0.001	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/28/2018	0.000167	0.0005		0.000879
MW-3	d	Chromium	7440-47-3	mg/L	9/28/2018	0.00114	0.005		0.026
MW-3	d	Cobalt	7440-48-4	mg/L	9/28/2018	0.000402	0.001		0.0171
MW-3	d	Copper	7440-50-8	mg/L	9/28/2018	0.000497	0.002		0.0238
MW-3	d	Lead	7439-92-1	mg/L	9/28/2018	0.000186	0.0005		0.0152
MW-3	d	Nickel	7440-02-0	mg/L	9/28/2018	0.000625	0.002		0.0857
MW-3	d	Selenium	7782-49-2	mg/L	9/28/2018	0.000982	0.0025	J	0.00121
MW-3	d	Silver	7440-22-4	mg/L	9/28/2018	n/a	0.0005	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/28/2018	n/a	0.002	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	9/28/2018	0.00215	0.005		0.017
MW-3	d	Zinc	7440-66-6	mg/L	9/28/2018	0.00692	0.02		0.18
MW-3	d	Acetone	67-64-1	ug/L	9/28/2018	n/a	10	ND	
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/28/2018	n/a	10	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/28/2018	0.22	0.5	J	0.473
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/28/2018	n/a	5	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/28/2018	n/a	5	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/28/2018	n/a	2	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/28/2018	n/a	4	ND	
MW-3	d	Chloroform	67-66-3	ug/L	9/28/2018	n/a	3	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/28/2018	n/a	5	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/28/2018	n/a	0.5	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/28/2018	n/a	0.13	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/28/2018	n/a	10	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/28/2018	n/a	2	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/28/2018	n/a	5	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/28/2018	n/a	5	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/28/2018	0.31	1		1.95
MW-3	d	2-Hexanone	591-78-6	ug/L	9/28/2018	n/a	10	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/28/2018	n/a	4	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/28/2018	n/a	3	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/28/2018	n/a	10	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/28/2018	n/a	5	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/28/2018	n/a	4	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/28/2018	n/a	10	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/28/2018	0.4	3	J	2.81
MW-3	d	2-Butanone	78-93-3	ug/L	9/28/2018	n/a	10	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/28/2018	n/a	10	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/28/2018	n/a	1	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	9/28/2018	5.1	15		90
MW-16	d	Barium	7440-39-3	mg/L	2/14/2019	0.00066	0.002		0.0495
MW-16	d	Total Suspended Solids	TSS	mg/L	2/14/2019	0.638	1.88		16.1
UD-B	d	Barium	7440-39-3	mg/L	2/14/2019	0.00066	0.002		0.0739
UD-B	d	Total Suspended Solids	TSS	mg/L	2/14/2019	0.638	1.88		0.75
GDE	d	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
GDE	d	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001	J	0.000935
GDE	d	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025	B	0.141
GDE	d	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
GDE	d	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
GDE	d	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
GDE	d	Cobalt	7440-48-4	mg/L	5/13/2019	0.000402	0.001	J	0.000686
GDE	d	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002	J	0.00165
GDE	d	Lead	7439-92-1	mg/L	5/13/2019	n/a	0.0005	ND	
GDE	d	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.00521
GDE	d	Selenium	7782-49-2	mg/L	5/13/2019	n/a	0.0025	ND	
GDE	d	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
GDE	d	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
GDE	d	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDE	d	Zinc	7440-66-6	mg/L	5/13/2019	n/a	0.02	ND	
GDE	d	Acetone	67-64-1	ug/L	5/13/2019	n/a	10	ND	
GDE	d	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
GDE	d	Benzene	71-43-2	ug/L	5/13/2019	n/a	0.5	ND	
GDE	d	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
GDE	d	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
GDE	d	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
GDE	d	Carbon Disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
GDE	d	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
GDE	d	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	
GDE	d	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
GDE	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
GDE	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	
GDE	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
GDE	d	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
GDE	d	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
GDE	d	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	n/a	1	ND	
GDE	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
GDE	d	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
GDE	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
GDE	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
GDE	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
GDE	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	
GDE	d	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
GDE	d	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
GDE	d	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
GDE	d	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	
GDE	d	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
GDE	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
GDE	d	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
GDE	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
GDE	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
GDE	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
GDE	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	
GDE	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Vinyl Acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
GDE	d	Vinyl Chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
GDE	d	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	
GDE	d	Total Suspended Solids	TSS	mg/L	5/13/2019	1.7	5		19
GDW	d	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
GDW	d	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001		0.001
GDW	d	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025	B	0.156
GDW	d	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
GDW	d	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
GDW	d	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
GDW	d	Cobalt	7440-48-4	mg/L	5/13/2019	n/a	0.001	ND	
GDW	d	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002		0.00248
GDW	d	Lead	7439-92-1	mg/L	5/13/2019	n/a	0.0005	ND	
GDW	d	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.00422
GDW	d	Selenium	7782-49-2	mg/L	5/13/2019	n/a	0.0025	ND	
GDW	d	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
GDW	d	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
GDW	d	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
GDW	d	Zinc	7440-66-6	mg/L	5/13/2019	0.00692	0.02	J	0.0154
GDW	d	Acetone	67-64-1	ug/L	5/13/2019	n/a	10	ND	
GDW	d	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
GDW	d	Benzene	71-43-2	ug/L	5/13/2019	n/a	0.5	ND	
GDW	d	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
GDW	d	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
GDW	d	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
GDW	d	Carbon Disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
GDW	d	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
GDW	d	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	n/a	1	ND	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	
GDW	d	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
GDW	d	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
GDW	d	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
GDW	d	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	
GDW	d	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
GDW	d	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Vinyl Acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
GDW	d	Vinyl Chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
GDW	d	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	
GDW	d	Total Suspended Solids	TSS	mg/L	5/13/2019	0.638	1.88	J	0.875
MW-12	d	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001		0.00108
MW-12	d	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025	B	0.0691
MW-12	d	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
MW-12	d	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	5/13/2019	n/a	0.001	ND	
MW-12	d	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002		0.00346
MW-12	d	Lead	7439-92-1	mg/L	5/13/2019	0.000186	0.0005	J	0.000261
MW-12	d	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.00836
MW-12	d	Selenium	7782-49-2	mg/L	5/13/2019	n/a	0.0025	ND	
MW-12	d	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
MW-12	d	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
MW-12	d	Zinc	7440-66-6	mg/L	5/13/2019	n/a	0.02	ND	
MW-12	d	Acetone	67-64-1	ug/L	5/13/2019	n/a	10	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
MW-12	d	Benzene	71-43-2	ug/L	5/13/2019	n/a	0.5	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
MW-12	d	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
MW-12	d	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	5/13/2019	n/a	1.88	ND	
MW-13	d	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001		0.0425
MW-13	d	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025	B	0.23
MW-13	d	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
MW-13	d	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	5/13/2019	0.000402	0.001		0.0165
MW-13	d	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002		0.00225
MW-13	d	Lead	7439-92-1	mg/L	5/13/2019	n/a	0.0005	ND	
MW-13	d	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.0258
MW-13	d	Selenium	7782-49-2	mg/L	5/13/2019	n/a	0.0025	ND	
MW-13	d	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
MW-13	d	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
MW-13	d	Zinc	7440-66-6	mg/L	5/13/2019	0.00692	0.02	J	0.0197
MW-13	d	Acetone	67-64-1	ug/L	5/13/2019	3.1	10		13.8
MW-13	d	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
MW-13	d	Benzene	71-43-2	ug/L	5/13/2019	n/a	0.5	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
MW-13	d	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
MW-13	d	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/13/2019	n/a	103	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	5/13/2019	0.231	1		2.46
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	5/13/2019	n/a	0.0327	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	5/13/2019	0.638	1.88		30.5
MW-14	d	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001		0.00798
MW-14	d	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025	B	0.187
MW-14	d	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
MW-14	d	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	5/13/2019	0.000402	0.001	J	0.000849
MW-14	d	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002		0.00253
MW-14	d	Lead	7439-92-1	mg/L	5/13/2019	0.000186	0.0005	J	0.000325
MW-14	d	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.00489
MW-14	d	Selenium	7782-49-2	mg/L	5/13/2019	n/a	0.0025	ND	
MW-14	d	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
MW-14	d	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
MW-14	d	Zinc	7440-66-6	mg/L	5/13/2019	0.00692	0.02	J	0.00743
MW-14	d	Acetone	67-64-1	ug/L	5/13/2019	3.1	10	J	4.51
MW-14	d	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
MW-14	d	Benzene	71-43-2	ug/L	5/13/2019	n/a	0.5	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
MW-14	d	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
MW-14	d	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	5/13/2019	2.55	7.5		21
MW-16	d	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001		0.00257
MW-16	d	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025	B	0.063
MW-16	d	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
MW-16	d	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	5/13/2019	0.000402	0.001		0.00306
MW-16	d	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002	J	0.000829
MW-16	d	Lead	7439-92-1	mg/L	5/13/2019	n/a	0.0005	ND	
MW-16	d	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.00207
MW-16	d	Selenium	7782-49-2	mg/L	5/13/2019	n/a	0.0025	ND	
MW-16	d	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
MW-16	d	Zinc	7440-66-6	mg/L	5/13/2019	n/a	0.02	ND	
MW-16	d	Acetone	67-64-1	ug/L	5/13/2019	n/a	10	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
MW-16	d	Benzene	71-43-2	ug/L	5/13/2019	n/a	0.5	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
MW-16	d	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
MW-16	d	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	5/13/2019	0.638	1.88		20.9
MW-28	u	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
MW-28	u	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001	J	0.000815
MW-28	u	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025	B	0.0429
MW-28	u	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
MW-28	u	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
MW-28	u	Cobalt	7440-48-4	mg/L	5/13/2019	n/a	0.001	ND	
MW-28	u	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002	J	0.00121
MW-28	u	Lead	7439-92-1	mg/L	5/13/2019	n/a	0.0005	ND	
MW-28	u	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.00492
MW-28	u	Selenium	7782-49-2	mg/L	5/13/2019	0.000982	0.0025	J	0.00139
MW-28	u	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
MW-28	u	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
MW-28	u	Zinc	7440-66-6	mg/L	5/13/2019	n/a	0.02	ND	
MW-28	u	Total Suspended Solids	TSS	mg/L	5/13/2019	0.638	1.88		3.25
MW-2BR	d	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001		0.00425
MW-2BR	d	Total Suspended Solids	TSS	mg/L	5/13/2019	2.55	7.5		20.5
MW-5AR	u	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001	J	0.00073
MW-5AR	u	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025		0.0387
MW-5AR	u	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	5/13/2019	n/a	0.001	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002		0.00379
MW-5AR	u	Lead	7439-92-1	mg/L	5/13/2019	0.000186	0.0005	J	0.000303
MW-5AR	u	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002	J	0.000944

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Selenium	7782-49-2	mg/L	5/13/2019	0.000982	0.0025	J	0.00184
MW-5AR	u	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	5/13/2019	0.00692	0.02	J	0.00841
MW-5AR	u	Acetone	67-64-1	ug/L	5/13/2019	n/a	10	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	5/13/2019	n/a	0.5	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	5/13/2019	0.638	1.88		5.37
MW-6A	u	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001	J	0.000634
MW-6A	u	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025	B	0.352
MW-6A	u	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	5/13/2019	0.000402	0.001	J	0.000447
MW-6A	u	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002	J	0.00169
MW-6A	u	Lead	7439-92-1	mg/L	5/13/2019	n/a	0.0005	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.00668
MW-6A	u	Selenium	7782-49-2	mg/L	5/13/2019	n/a	0.0025	ND	
MW-6A	u	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	5/13/2019	0.00692	0.02	J	0.00927
MW-6A	u	Acetone	67-64-1	ug/L	5/13/2019	n/a	10	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
MW-6A	u	Benzene	71-43-2	ug/L	5/13/2019	n/a	0.5	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	0.21	1	J	0.452
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
MW-6A	u	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	5/13/2019	0.638	1.88	J	0.75
MW-9B	d	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001		0.00244
MW-9B	d	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025		0.0298
MW-9B	d	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
MW-9B	d	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	5/13/2019	0.000402	0.001		0.00407
MW-9B	d	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002		0.00492
MW-9B	d	Lead	7439-92-1	mg/L	5/13/2019	0.000186	0.0005	J	0.000447
MW-9B	d	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.00512
MW-9B	d	Selenium	7782-49-2	mg/L	5/13/2019	n/a	0.0025	ND	
MW-9B	d	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
MW-9B	d	Zinc	7440-66-6	mg/L	5/13/2019	n/a	0.02	ND	
MW-9B	d	Acetone	67-64-1	ug/L	5/13/2019	n/a	10	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
MW-9B	d	Benzene	71-43-2	ug/L	5/13/2019	n/a	0.5	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
MW-9B	d	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	5/13/2019	1.28	3.75		9.5
UD-B	d	Antimony	7440-36-0	mg/L	5/13/2019	n/a	0.003	ND	
UD-B	d	Arsenic	7440-38-2	mg/L	5/13/2019	0.000232	0.001		0.00169
UD-B	d	Barium	7440-39-3	mg/L	5/13/2019	0.00073	0.0025	B	0.0988
UD-B	d	Beryllium	7440-41-7	mg/L	5/13/2019	n/a	0.001	ND	
UD-B	d	Cadmium	7440-43-9	mg/L	5/13/2019	n/a	0.0005	ND	
UD-B	d	Chromium	7440-47-3	mg/L	5/13/2019	n/a	0.005	ND	
UD-B	d	Cobalt	7440-48-4	mg/L	5/13/2019	0.000402	0.001		0.00698
UD-B	d	Copper	7440-50-8	mg/L	5/13/2019	0.000497	0.002	J	0.00182
UD-B	d	Lead	7439-92-1	mg/L	5/13/2019	0.000186	0.0005	J	0.000204
UD-B	d	Nickel	7440-02-0	mg/L	5/13/2019	0.000625	0.002		0.0306
UD-B	d	Selenium	7782-49-2	mg/L	5/13/2019	n/a	0.0025	ND	
UD-B	d	Silver	7440-22-4	mg/L	5/13/2019	n/a	0.0005	ND	
UD-B	d	Thallium	7440-28-0	mg/L	5/13/2019	n/a	0.002	ND	
UD-B	d	Vanadium	7440-62-2	mg/L	5/13/2019	n/a	0.005	ND	
UD-B	d	Zinc	7440-66-6	mg/L	5/13/2019	0.00692	0.02	J	0.00889
UD-B	d	Acetone	67-64-1	ug/L	5/13/2019	n/a	10	ND	
UD-B	d	Acrylonitrile	107-13-1	ug/L	5/13/2019	n/a	10	ND	
UD-B	d	Benzene	71-43-2	ug/L	5/13/2019	0.22	0.5	J	0.256
UD-B	d	Bromochloromethane	74-97-5	ug/L	5/13/2019	n/a	5	ND	
UD-B	d	Bromodichloromethane	75-27-4	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Bromoform	75-25-2	ug/L	5/13/2019	n/a	5	ND	
UD-B	d	2-Butanone	78-93-3	ug/L	5/13/2019	n/a	10	ND	
UD-B	d	Carbon Disulfide	75-15-0	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Carbon Tetrachloride	56-23-5	ug/L	5/13/2019	n/a	2	ND	
UD-B	d	Chlorobenzene	108-90-7	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Chloroethane	75-00-3	ug/L	5/13/2019	n/a	4	ND	
UD-B	d	Chloroform	67-66-3	ug/L	5/13/2019	n/a	3	ND	
UD-B	d	Chlorodibromomethane	124-48-1	ug/L	5/13/2019	n/a	5	ND	
UD-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/13/2019	n/a	1.2	ND	
UD-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/13/2019	n/a	0.34	ND	
UD-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/13/2019	n/a	10	ND	
UD-B	d	1,1-Dichloroethane	75-34-3	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	1,2-Dichloroethane	107-06-2	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	1,1-Dichloroethene	75-35-4	ug/L	5/13/2019	n/a	2	ND	
UD-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/13/2019	0.21	1	J	0.248
UD-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	1,2-Dichloropropane	78-87-5	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/13/2019	n/a	5	ND	
UD-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/13/2019	n/a	5	ND	
UD-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Ethylbenzene	100-41-4	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	2-Hexanone	591-78-6	ug/L	5/13/2019	n/a	10	ND	
UD-B	d	Bromomethane	74-83-9	ug/L	5/13/2019	n/a	4	ND	
UD-B	d	Chloromethane	74-87-3	ug/L	5/13/2019	n/a	3	ND	
UD-B	d	Iodomethane	74-88-4	ug/L	5/13/2019	n/a	10	ND	
UD-B	d	Methylene Bromide	74-95-3	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Methylene Chloride	75-09-2	ug/L	5/13/2019	n/a	5	ND	
UD-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/13/2019	n/a	10	ND	
UD-B	d	Styrene	100-42-5	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Tetrachloroethene	127-18-4	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Toluene	108-88-3	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Trichloroethene	79-01-6	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Trichlorofluoromethane	75-69-4	ug/L	5/13/2019	n/a	4	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Vinyl Acetate	108-05-4	ug/L	5/13/2019	n/a	10	ND	
UD-B	d	Vinyl Chloride	75-01-4	ug/L	5/13/2019	n/a	1	ND	
UD-B	d	Xylenes, total	1330-20-7	ug/L	5/13/2019	n/a	3	ND	
UD-B	d	Total Suspended Solids	TSS	mg/L	5/13/2019	0.638	1.88	J	1.25
MW-1	d	Antimony	7440-36-0	mg/L	5/14/2019	n/a	0.003	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	5/14/2019	0.000232	0.001		0.0071
MW-1	d	Barium	7440-39-3	mg/L	5/14/2019	0.00073	0.0025	B	0.155
MW-1	d	Beryllium	7440-41-7	mg/L	5/14/2019	n/a	0.001	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	5/14/2019	n/a	0.0005	ND	
MW-1	d	Chromium	7440-47-3	mg/L	5/14/2019	n/a	0.005	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	5/14/2019	0.000402	0.001		0.0036
MW-1	d	Copper	7440-50-8	mg/L	5/14/2019	0.000497	0.002		0.112
MW-1	d	Lead	7439-92-1	mg/L	5/14/2019	0.000186	0.0005		0.00327
MW-1	d	Nickel	7440-02-0	mg/L	5/14/2019	0.000625	0.002		0.00388
MW-1	d	Selenium	7782-49-2	mg/L	5/14/2019	n/a	0.0025	ND	
MW-1	d	Silver	7440-22-4	mg/L	5/14/2019	n/a	0.0005	ND	
MW-1	d	Thallium	7440-28-0	mg/L	5/14/2019	n/a	0.002	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	5/14/2019	n/a	0.005	ND	
MW-1	d	Zinc	7440-66-6	mg/L	5/14/2019	0.00692	0.02		0.06
MW-1	d	Acetone	67-64-1	ug/L	5/14/2019	n/a	10	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	5/14/2019	n/a	10	ND	
MW-1	d	Benzene	71-43-2	ug/L	5/14/2019	n/a	0.5	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	5/14/2019	n/a	5	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Bromoform	75-25-2	ug/L	5/14/2019	n/a	5	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	5/14/2019	n/a	2	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	5/14/2019	n/a	4	ND	
MW-1	d	Chloroform	67-66-3	ug/L	5/14/2019	n/a	3	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	5/14/2019	n/a	5	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/14/2019	n/a	1.2	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/14/2019	n/a	0.34	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/14/2019	n/a	10	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	5/14/2019	n/a	2	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/14/2019	n/a	5	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/14/2019	n/a	5	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	5/14/2019	n/a	10	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	5/14/2019	n/a	4	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	5/14/2019	n/a	3	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	5/14/2019	n/a	10	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	5/14/2019	n/a	5	ND	
MW-1	d	Styrene	100-42-5	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Toluene	108-88-3	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	5/14/2019	n/a	4	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	5/14/2019	n/a	10	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	5/14/2019	n/a	3	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	5/14/2019	n/a	10	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/14/2019	n/a	10	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	5/14/2019	n/a	1	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	5/14/2019	0.638	1.88		3
MW-2AR	d	Antimony	7440-36-0	mg/L	5/14/2019	n/a	0.003	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	5/14/2019	0.000232	0.001		0.0552
MW-2AR	d	Barium	7440-39-3	mg/L	5/14/2019	0.00073	0.0025	B	1.95
MW-2AR	d	Beryllium	7440-41-7	mg/L	5/14/2019	n/a	0.001	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	5/14/2019	n/a	0.0005	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	5/14/2019	n/a	0.005	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	5/14/2019	0.000402	0.001		0.00372
MW-2AR	d	Copper	7440-50-8	mg/L	5/14/2019	0.000497	0.002	J	0.00157
MW-2AR	d	Lead	7439-92-1	mg/L	5/14/2019	n/a	0.0005	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	5/14/2019	0.000625	0.002		0.0332
MW-2AR	d	Selenium	7782-49-2	mg/L	5/14/2019	n/a	0.0025	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Silver	7440-22-4	mg/L	5/14/2019	n/a	0.0005	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	5/14/2019	n/a	0.002	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	5/14/2019	0.00215	0.005	J	0.00239
MW-2AR	d	Zinc	7440-66-6	mg/L	5/14/2019	n/a	0.02	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	5/14/2019	n/a	100	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	5/14/2019	n/a	100	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	5/14/2019	2.2	5	J	3.36
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	5/14/2019	n/a	50	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	5/14/2019	n/a	50	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	5/14/2019	n/a	20	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	5/14/2019	n/a	40	ND	
MW-2AR	d	Chloroform	67-66-3	ug/L	5/14/2019	n/a	30	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	5/14/2019	n/a	50	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/14/2019	n/a	12	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/14/2019	n/a	3.4	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/14/2019	n/a	100	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	5/14/2019	n/a	20	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/14/2019	2.1	10	J	6.78
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/14/2019	n/a	50	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/14/2019	n/a	50	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	5/14/2019	n/a	100	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	5/14/2019	n/a	40	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	5/14/2019	n/a	30	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	5/14/2019	n/a	100	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	5/14/2019	n/a	50	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	5/14/2019	4.3	10	J	7.86
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	5/14/2019	n/a	40	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	5/14/2019	n/a	100	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	5/14/2019	n/a	30	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	5/14/2019	n/a	100	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/14/2019	n/a	100	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	5/14/2019	n/a	10	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	5/14/2019	0.85	2.5		155
MW-3	d	Antimony	7440-36-0	mg/L	5/14/2019	n/a	0.003	ND	
MW-3	d	Arsenic	7440-38-2	mg/L	5/14/2019	0.000232	0.001		0.0123
MW-3	d	Barium	7440-39-3	mg/L	5/14/2019	0.00073	0.0025	B	0.601
MW-3	d	Beryllium	7440-41-7	mg/L	5/14/2019	n/a	0.001	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	5/14/2019	0.000167	0.0005	J	0.000333
MW-3	d	Chromium	7440-47-3	mg/L	5/14/2019	0.00114	0.005	J	0.00478
MW-3	d	Cobalt	7440-48-4	mg/L	5/14/2019	0.000402	0.001		0.00535
MW-3	d	Copper	7440-50-8	mg/L	5/14/2019	0.000497	0.002		0.00569
MW-3	d	Lead	7439-92-1	mg/L	5/14/2019	0.000186	0.0005		0.00459
MW-3	d	Nickel	7440-02-0	mg/L	5/14/2019	0.000625	0.002		0.0269
MW-3	d	Selenium	7782-49-2	mg/L	5/14/2019	n/a	0.0025	ND	
MW-3	d	Silver	7440-22-4	mg/L	5/14/2019	n/a	0.0005	ND	
MW-3	d	Thallium	7440-28-0	mg/L	5/14/2019	n/a	0.002	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	5/14/2019	0.00215	0.005		0.00567
MW-3	d	Zinc	7440-66-6	mg/L	5/14/2019	0.00692	0.02		0.0302
MW-3	d	Acetone	67-64-1	ug/L	5/14/2019	31	100	J	42.3
MW-3	d	Acrylonitrile	107-13-1	ug/L	5/14/2019	n/a	100	ND	
MW-3	d	Benzene	71-43-2	ug/L	5/14/2019	2.2	5	J	3.15
MW-3	d	Bromochloromethane	74-97-5	ug/L	5/14/2019	n/a	50	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Bromoform	75-25-2	ug/L	5/14/2019	n/a	50	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	5/14/2019	n/a	20	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	5/14/2019	n/a	40	ND	
MW-3	d	Chloroform	67-66-3	ug/L	5/14/2019	n/a	30	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	5/14/2019	n/a	50	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	5/14/2019	n/a	12	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/14/2019	n/a	3.4	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/14/2019	n/a	100	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	5/14/2019	n/a	20	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/14/2019	n/a	50	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/14/2019	n/a	50	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	5/14/2019	3.1	10		13
MW-3	d	2-Hexanone	591-78-6	ug/L	5/14/2019	n/a	100	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	5/14/2019	n/a	40	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	5/14/2019	n/a	30	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	5/14/2019	n/a	100	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	5/14/2019	n/a	50	ND	
MW-3	d	Styrene	100-42-5	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Toluene	108-88-3	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	5/14/2019	n/a	40	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	5/14/2019	n/a	100	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	5/14/2019	4	30	J	16.6
MW-3	d	2-Butanone	78-93-3	ug/L	5/14/2019	n/a	100	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	5/14/2019	n/a	100	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	5/14/2019	n/a	10	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	5/14/2019	20.4	60		116
MW-8R	d	Antimony	7440-36-0	mg/L	5/14/2019	n/a	0.003	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	5/14/2019	0.000232	0.001		0.0558
MW-8R	d	Barium	7440-39-3	mg/L	5/14/2019	0.00073	0.0025	B	0.0463
MW-8R	d	Beryllium	7440-41-7	mg/L	5/14/2019	n/a	0.001	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	5/14/2019	n/a	0.0005	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	5/14/2019	n/a	0.005	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	5/14/2019	0.000402	0.001		0.00715
MW-8R	d	Copper	7440-50-8	mg/L	5/14/2019	0.000497	0.002		0.0258
MW-8R	d	Lead	7439-92-1	mg/L	5/14/2019	0.000186	0.0005		0.000892
MW-8R	d	Nickel	7440-02-0	mg/L	5/14/2019	0.000625	0.002		0.01
MW-8R	d	Selenium	7782-49-2	mg/L	5/14/2019	n/a	0.0025	ND	
MW-8R	d	Silver	7440-22-4	mg/L	5/14/2019	n/a	0.0005	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	5/14/2019	n/a	0.002	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	5/14/2019	n/a	0.005	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	5/14/2019	0.00692	0.02		0.0267
MW-8R	d	Acetone	67-64-1	ug/L	5/14/2019	3.1	10	J	4.01
MW-8R	d	Acrylonitrile	107-13-1	ug/L	5/14/2019	n/a	10	ND	
MW-8R	d	Benzene	71-43-2	ug/L	5/14/2019	n/a	0.5	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	5/14/2019	n/a	5	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	5/14/2019	n/a	5	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	5/14/2019	n/a	10	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	5/14/2019	n/a	2	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	5/14/2019	n/a	4	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	5/14/2019	n/a	3	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	5/14/2019	n/a	5	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/14/2019	n/a	1.2	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/14/2019	n/a	0.34	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/14/2019	n/a	10	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	5/14/2019	n/a	2	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/14/2019	n/a	5	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/14/2019	n/a	5	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	5/14/2019	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Bromomethane	74-83-9	ug/L	5/14/2019	n/a	4	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	5/14/2019	n/a	3	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	5/14/2019	n/a	10	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	5/14/2019	n/a	5	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/14/2019	n/a	10	ND	
MW-8R	d	Styrene	100-42-5	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Toluene	108-88-3	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	5/14/2019	n/a	4	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	5/14/2019	n/a	10	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	5/14/2019	n/a	1	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	5/14/2019	n/a	3	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	5/14/2019	2.55	7.5		322
MW-1	d	Antimony	7440-36-0	mg/L	9/4/2019	n/a	0.001	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	9/4/2019	0.00075	0.002		0.0103
MW-1	d	Barium	7440-39-3	mg/L	9/4/2019	0.00084	0.002		0.159
MW-1	d	Beryllium	7440-41-7	mg/L	9/4/2019	n/a	0.001	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	9/4/2019	0.000039	0.0001	J	0.00007
MW-1	d	Chromium	7440-47-3	mg/L	9/4/2019	n/a	0.005	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	9/4/2019	0.000091	0.0005		0.00314
MW-1	d	Copper	7440-50-8	mg/L	9/4/2019	n/a	0.005	ND	
MW-1	d	Lead	7439-92-1	mg/L	9/4/2019	n/a	0.0005	ND	
MW-1	d	Nickel	7440-02-0	mg/L	9/4/2019	0.0017	0.005	J	0.00276
MW-1	d	Selenium	7782-49-2	mg/L	9/4/2019	n/a	0.005	ND	
MW-1	d	Silver	7440-22-4	mg/L	9/4/2019	n/a	0.001	ND	
MW-1	d	Thallium	7440-28-0	mg/L	9/4/2019	n/a	0.001	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	9/4/2019	n/a	0.005	ND	
MW-1	d	Zinc	7440-66-6	mg/L	9/4/2019	n/a	0.02	ND	
MW-1	d	Mercury	7439-97-6	mg/L	9/4/2019	n/a	0.0002	ND	
MW-1	d	Tin	7440-31-5	mg/L	9/4/2019	n/a	0.005	ND	
MW-1	d	Acetone	67-64-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Benzene	71-43-2	ug/L	9/4/2019	n/a	0.5	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	9/4/2019	n/a	5	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Bromoform	75-25-2	ug/L	9/4/2019	n/a	5	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2019	n/a	2	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	9/4/2019	n/a	4	ND	
MW-1	d	Chloroform	67-66-3	ug/L	9/4/2019	n/a	3	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2019	n/a	5	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/4/2019	n/a	1.2	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2019	n/a	0.34	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2019	n/a	2	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2019	n/a	5	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2019	n/a	5	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	9/4/2019	n/a	4	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	9/4/2019	n/a	3	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	9/4/2019	n/a	5	ND	
MW-1	d	Styrene	100-42-5	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Toluene	108-88-3	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2019	n/a	4	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	9/4/2019	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Vinyl chloride	75-01-4	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	9/4/2019	n/a	3	ND	
MW-1	d	1,1-Dichloropropene	563-58-6	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/4/2019	n/a	5	ND	
MW-1	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,3-Dichloropropene	142-28-9	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	1,4-Naphthoquinone	130-15-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	1,4-Phenylenediamine	106-50-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	1-Naphthylamine	134-32-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2,2-Dichloropropene	594-20-7	ug/L	9/4/2019	n/a	4	ND	
MW-1	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/4/2019	0.5	10	J	1.08
MW-1	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/4/2019	0.7	10	J	0.91
MW-1	d	2,4-D [2C]	94-75-7	ug/L	9/4/2019	n/a	1.01	ND*	
MW-1	d	2,4-Dichlorophenol	120-83-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2,4-Dimethylphenol	105-67-9	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2,4-Dinitrophenol	51-28-5	ug/L	9/4/2019	2.58	20	J*	4.86
MW-1	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2,6-Dichlorophenol	87-65-0	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2-Acetylaminofluorene	53-96-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2-Chloronaphthalene	91-58-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2-Chlorophenol	95-57-8	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2-Methylnaphthalene	91-57-6	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2-Methylphenol	95-48-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2-Naphthylamine	91-59-8	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2-Nitroaniline	88-74-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2-Nitrophenol	88-75-5	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	3/4-Methylphenol	T-34MP	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	3-Methylcholanthrene	56-49-5	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	3-Nitroaniline	99-09-2	ug/L	9/4/2019	0.58	10	J	1.18
MW-1	d	4,4'-DDD	72-54-8	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	4,4'-DDE	72-55-9	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	4,4'-DDT	50-29-3	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/4/2019	2.22	10	J*	4.61
MW-1	d	4-Aminobiphenyl	92-67-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	4-Chloroaniline	106-47-8	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	4-Nitroaniline	100-01-6	ug/L	9/4/2019	0.32	10	J	0.637
MW-1	d	4-Nitrophenol	100-02-7	ug/L	9/4/2019	n/a	10	ND*	
MW-1	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Acenaphthene	83-32-9	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Acenaphthylene	208-96-8	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Acetonitrile	75-05-8	ug/L	9/4/2019	n/a	10000	ND	
MW-1	d	Acetophenone	98-86-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Acrolein	107-02-8	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Aldrin	309-00-2	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	3-Chloropropene	107-05-1	ug/L	9/4/2019	n/a	2	ND	
MW-1	d	alpha-BHC	319-84-6	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Anthracene	120-12-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Benzo [a] anthracene	56-55-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Benzo [a] pyrene	50-32-8	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/4/2019	0.57	10	J	0.684
MW-1	d	Benzyl alcohol	100-51-6	ug/L	9/4/2019	n/a	10	ND*	
MW-1	d	beta-BHC	319-85-7	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Butyl benzyl phthalate	85-68-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Chlordane	57-74-9	ug/L	9/4/2019	n/a	2.01	ND	
MW-1	d	Chlorobenzilate	510-15-6	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Chloroprene	126-99-8	ug/L	9/4/2019	n/a	1	ND	
MW-1	d	Chrysene	218-01-9	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Cyanide	57-12-5	mg/L	9/4/2019	n/a	0.01	ND	
MW-1	d	delta-BHC	319-86-8	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Diallate [cis or trans]	2303-16-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/4/2019	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Dibenzofuran	132-64-9	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Dichlorodifluoromethane	75-71-8	ug/L	9/4/2019	n/a	3	ND	
MW-1	d	Dieldrin	60-57-1	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Diethyl phthalate	84-66-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Dimethoate	60-51-5	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Dimethyl phthalate	131-11-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Di-n-butyl phthalate	84-74-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Di-n-octyl phthalate	117-84-0	ug/L	9/4/2019	n/a	20	ND	
MW-1	d	Dinoseb	88-85-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Diphenylamine	122-39-4	ug/L	9/4/2019	n/a	10	ND*	
MW-1	d	Disulfoton	298-04-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Endosulfan I	959-98-8	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Endosulfan II	33213-65-9	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Endosulfan sulfate	1031-07-8	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Endrin	72-20-8	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Endrin aldehyde	7421-93-4	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Ethyl Methacrylate	97-63-2	ug/L	9/4/2019	n/a	2	ND	
MW-1	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Famphur	52-85-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Fluoranthene	206-44-0	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Fluorene	86-73-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	gamma-BHC [Lindane]	58-89-9	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Heptachlor	76-44-8	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Heptachlor epoxide	1024-57-3	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Hexachlorobenzene	118-74-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Hexachlorobutadiene	87-68-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Hexachloroethane	67-72-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Hexachloropropene	1888-71-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Isobutanol	78-83-1	mg/L	9/4/2019	0.177	10	J	5.24
MW-1	d	Isodrin	465-73-6	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Isophorone	78-59-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Isosafrole	120-58-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Kepone	143-50-0	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Methacrylonitrile	126-98-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Methapyrilene	91-80-5	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Methoxychlor	72-43-5	ug/L	9/4/2019	n/a	0.0322	ND	
MW-1	d	Methyl Methacrylate	80-62-6	ug/L	9/4/2019	n/a	2	ND	
MW-1	d	Methyl Methanesulfonate	66-27-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Naphthalene	91-20-3	ug/L	9/4/2019	n/a	5	ND	
MW-1	d	Nitrobenzene	98-95-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/4/2019	n/a	10	ND*	
MW-1	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	N-Nitrosopiperidine	100-75-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	o-Toluidine	95-53-4	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Parathion-ethyl	56-38-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Parathion-methyl	298-00-0	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	PCB-1016	12674-11-2	ug/L	9/4/2019	n/a	0.808	ND	
MW-1	d	PCB-1221	11104-28-2	ug/L	9/4/2019	n/a	0.808	ND	
MW-1	d	PCB-1232	11141-16-5	ug/L	9/4/2019	n/a	0.808	ND	
MW-1	d	PCB-1242	53469-21-9	ug/L	9/4/2019	n/a	0.808	ND	
MW-1	d	PCB-1248	12672-29-6	ug/L	9/4/2019	n/a	0.808	ND	
MW-1	d	PCB-1254	11097-69-1	ug/L	9/4/2019	n/a	0.808	ND	
MW-1	d	PCB-1260	11096-82-5	ug/L	9/4/2019	n/a	0.808	ND	
MW-1	d	Pentachlorobenzene	608-93-5	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Pentachloronitrobenzene	82-68-8	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/4/2019	2.32	10	J	4.38
MW-1	d	Phenacetin	62-44-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Phenanthrene	85-01-8	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Phenol	108-95-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Phorate	298-02-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Pronamide	23950-58-5	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Propionitrile	107-12-0	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Pyrene	129-00-0	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Safrole	94-59-7	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/4/2019	n/a	1.01	ND*	
MW-1	d	Sulfide	18496-25-8	mg/L	9/4/2019	n/a	1	ND	
MW-1	d	Thionazin	297-97-2	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Toxaphene	8001-35-2	ug/L	9/4/2019	n/a	2.01	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/4/2019	n/a	10	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	9/4/2019	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Total Suspended Solids	TSS	mg/L	9/4/2019	0.638	1.88		5.25
MW-1	d	2,4,5-T	93-76-5	ug/L	9/4/2019	n/a	1.01	ND*	
MW-28	u	Antimony	7440-36-0	mg/L	9/4/2019	n/a	0.001	ND	
MW-28	u	Arsenic	7440-38-2	mg/L	9/4/2019	n/a	0.002	ND	
MW-28	u	Barium	7440-39-3	mg/L	9/4/2019	0.00084	0.002		0.0954
MW-28	u	Beryllium	7440-41-7	mg/L	9/4/2019	n/a	0.001	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	9/4/2019	0.000039	0.0001		0.00023
MW-28	u	Chromium	7440-47-3	mg/L	9/4/2019	n/a	0.005	ND	
MW-28	u	Cobalt	7440-48-4	mg/L	9/4/2019	n/a	0.0005	ND	
MW-28	u	Copper	7440-50-8	mg/L	9/4/2019	n/a	0.005	ND	
MW-28	u	Lead	7439-92-1	mg/L	9/4/2019	n/a	0.0005	ND	
MW-28	u	Nickel	7440-02-0	mg/L	9/4/2019	0.0017	0.005		0.00843
MW-28	u	Selenium	7782-49-2	mg/L	9/4/2019	n/a	0.005	ND	
MW-28	u	Silver	7440-22-4	mg/L	9/4/2019	n/a	0.001	ND	
MW-28	u	Thallium	7440-28-0	mg/L	9/4/2019	n/a	0.001	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	9/4/2019	n/a	0.005	ND	
MW-28	u	Zinc	7440-66-6	mg/L	9/4/2019	n/a	0.02	ND	
MW-28	u	Total Suspended Solids	TSS	mg/L	9/4/2019	0.638	1.88	J	0.875
MW-2AR	d	Antimony	7440-36-0	mg/L	9/4/2019	n/a	0.001	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	9/4/2019	0.00075	0.002		0.0774
MW-2AR	d	Barium	7440-39-3	mg/L	9/4/2019	0.00168	0.004		2.2
MW-2AR	d	Beryllium	7440-41-7	mg/L	9/4/2019	n/a	0.001	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	9/4/2019	n/a	0.0001	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	9/4/2019	0.00098	0.005	J	0.00181
MW-2AR	d	Cobalt	7440-48-4	mg/L	9/4/2019	0.000091	0.0005		0.00643
MW-2AR	d	Copper	7440-50-8	mg/L	9/4/2019	n/a	0.005	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	9/4/2019	n/a	0.0005	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	9/4/2019	0.0017	0.005		0.0541
MW-2AR	d	Selenium	7782-49-2	mg/L	9/4/2019	n/a	0.005	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	9/4/2019	n/a	0.001	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	9/4/2019	n/a	0.001	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	9/4/2019	0.00082	0.005	J	0.0036
MW-2AR	d	Zinc	7440-66-6	mg/L	9/4/2019	n/a	0.02	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	9/4/2019	n/a	100	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	9/4/2019	n/a	100	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	9/4/2019	2.2	5	J	3.17
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	9/4/2019	n/a	50	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	9/4/2019	n/a	50	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2019	n/a	20	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	9/4/2019	7.9	40	J	13.9
MW-2AR	d	Chloroform	67-66-3	ug/L	9/4/2019	n/a	30	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2019	n/a	50	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/4/2019	n/a	12	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2019	n/a	3.4	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/4/2019	n/a	100	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2019	n/a	20	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2019	n/a	50	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2019	n/a	50	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	9/4/2019	n/a	100	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	9/4/2019	n/a	40	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	9/4/2019	n/a	30	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	9/4/2019	n/a	100	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	9/4/2019	n/a	50	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2019	n/a	40	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	9/4/2019	n/a	100	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	9/4/2019	n/a	30	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	9/4/2019	n/a	100	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/4/2019	n/a	100	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	9/4/2019	n/a	10	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	9/4/2019	10.2	30		98
MW-3	d	Antimony	7440-36-0	mg/L	9/4/2019	0.00053	0.001		0.00272
MW-3	d	Arsenic	7440-38-2	mg/L	9/4/2019	0.00075	0.002		0.0375
MW-3	d	Barium	7440-39-3	mg/L	9/4/2019	0.00084	0.002		1.55
MW-3	d	Beryllium	7440-41-7	mg/L	9/4/2019	n/a	0.001	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	9/4/2019	0.000039	0.0001		0.000321
MW-3	d	Chromium	7440-47-3	mg/L	9/4/2019	0.00098	0.005		0.0572
MW-3	d	Cobalt	7440-48-4	mg/L	9/4/2019	0.000091	0.0005		0.015
MW-3	d	Copper	7440-50-8	mg/L	9/4/2019	0.002	0.005	J	0.00431
MW-3	d	Lead	7439-92-1	mg/L	9/4/2019	0.00027	0.0005		0.0126
MW-3	d	Nickel	7440-02-0	mg/L	9/4/2019	0.0017	0.005		0.096
MW-3	d	Selenium	7782-49-2	mg/L	9/4/2019	n/a	0.005	ND	
MW-3	d	Silver	7440-22-4	mg/L	9/4/2019	n/a	0.001	ND	
MW-3	d	Thallium	7440-28-0	mg/L	9/4/2019	n/a	0.001	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	9/4/2019	0.00082	0.005		0.0105
MW-3	d	Zinc	7440-66-6	mg/L	9/4/2019	0.01	0.02		0.188
MW-3	d	Mercury	7439-97-6	mg/L	9/4/2019	n/a	0.0002	ND	
MW-3	d	Tin	7440-31-5	mg/L	9/4/2019	0.0018	0.005		0.0097
MW-3	d	Acetone	67-64-1	ug/L	9/4/2019	31	100	J	44.8
MW-3	d	Acrylonitrile	107-13-1	ug/L	9/4/2019	n/a	100	ND	
MW-3	d	Benzene	71-43-2	ug/L	9/4/2019	2.2	5	J	4.14
MW-3	d	Bromochloromethane	74-97-5	ug/L	9/4/2019	n/a	50	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Bromoform	75-25-2	ug/L	9/4/2019	n/a	50	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	9/4/2019	n/a	20	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	9/4/2019	n/a	40	ND	
MW-3	d	Chloroform	67-66-3	ug/L	9/4/2019	n/a	30	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	9/4/2019	n/a	50	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/4/2019	n/a	12	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2019	n/a	3.4	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/4/2019	n/a	100	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	9/4/2019	n/a	20	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2019	n/a	50	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2019	n/a	50	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	9/4/2019	3.1	10		16
MW-3	d	2-Hexanone	591-78-6	ug/L	9/4/2019	n/a	100	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	9/4/2019	n/a	40	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	9/4/2019	n/a	30	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	9/4/2019	n/a	100	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	9/4/2019	n/a	50	ND	
MW-3	d	Styrene	100-42-5	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Toluene	108-88-3	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	9/4/2019	n/a	40	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	9/4/2019	n/a	100	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	9/4/2019	4	30	J	23
MW-3	d	1,1-Dichloropropene	563-58-6	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/4/2019	n/a	50	ND	
MW-3	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,3-Dichloropropane	142-28-9	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	1,4-Naphthoquinone	130-15-4	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	1,4-Phenylenediamine	106-50-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	1-Naphthylamine	134-32-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2,2-Dichloropropane	594-20-7	ug/L	9/4/2019	n/a	40	ND	
MW-3	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/4/2019	0.704	10.1	J	0.893
MW-3	d	2,4-D [ZC]	94-75-7	ug/L	9/4/2019	n/a	10.5	ND*	
MW-3	d	2,4-Dichlorophenol	120-83-2	ug/L	9/4/2019	n/a	10.1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	2,4-Dimethylphenol	105-67-9	ug/L	9/4/2019	0.211	10.1	J	1.63
MW-3	d	2,4-Dinitrophenol	51-28-5	ug/L	9/4/2019	n/a	20.1	ND*	
MW-3	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2,6-Dichlorophenol	87-65-0	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2-Acetylaminofluorene	53-96-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	9/4/2019	21	100	J	21.5
MW-3	d	2-Chloronaphthalene	91-58-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2-Chlorophenol	95-57-8	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2-Methylnaphthalene	91-57-6	ug/L	9/4/2019	0.191	10.1	J	0.433
MW-3	d	2-Methylphenol	95-48-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2-Naphthylamine	91-59-8	ug/L	9/4/2019	0.221	10.1	J	1.53
MW-3	d	2-Nitroaniline	88-74-4	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2-Nitrophenol	88-75-5	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	3/4-Methylphenol	T-34MP	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	3-Methylcholanthrene	56-49-5	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	3-Nitroaniline	99-09-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	4,4'-DDD	72-54-8	ug/L	9/4/2019	0.00182	0.0323	JP	0.00436
MW-3	d	4,4'-DDE	72-55-9	ug/L	9/4/2019	n/a	0.0323	ND	
MW-3	d	4,4'-DDT	50-29-3	ug/L	9/4/2019	n/a	0.0323	ND	
MW-3	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/4/2019	n/a	10.1	ND*	
MW-3	d	4-Aminobiphenyl	92-67-1	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	4-Chloroaniline	106-47-8	ug/L	9/4/2019	0.151	10.1	J	1.18
MW-3	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	4-Nitroaniline	100-01-6	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	4-Nitrophenol	100-02-7	ug/L	9/4/2019	n/a	10.1	ND*	
MW-3	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Acenaphthene	83-32-9	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Acenaphthylene	208-96-8	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Acetonitrile	75-05-8	ug/L	9/4/2019	n/a	10000	ND	
MW-3	d	Acetophenone	98-86-2	ug/L	9/4/2019	0.352	10.1	J	1.04
MW-3	d	Acrolein	107-02-8	ug/L	9/4/2019	n/a	100	ND	
MW-3	d	Aldrin	309-00-2	ug/L	9/4/2019	n/a	0.0323	ND	
MW-3	d	3-Chloropropene	107-05-1	ug/L	9/4/2019	n/a	20	ND	
MW-3	d	alpha-BHC	319-84-6	ug/L	9/4/2019	0.00172	0.0323	JP	0.00792
MW-3	d	Anthracene	120-12-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Benzo [a] anthracene	56-55-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Benzo [a] pyrene	50-32-8	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Benzyl alcohol	100-51-6	ug/L	9/4/2019	n/a	10.1	ND*	
MW-3	d	beta-BHC	319-85-7	ug/L	9/4/2019	0.00485	0.0323	JP	0.00972
MW-3	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/4/2019	2.33	10.1	J	3.21
MW-3	d	Butyl benzyl phthalate	85-68-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Chlordane	57-74-9	ug/L	9/4/2019	n/a	2.02	ND	
MW-3	d	Chlorobenzilate	510-15-6	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Chloroprene	126-99-8	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Chrysene	218-01-9	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Cyanide	57-12-5	mg/L	9/4/2019	n/a	0.01	ND	
MW-3	d	delta-BHC	319-86-8	ug/L	9/4/2019	n/a	0.0323	ND	
MW-3	d	Diallate [cis or trans]	2303-16-4	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Dibenzofuran	132-64-9	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Dichlorodifluoromethane	75-71-8	ug/L	9/4/2019	n/a	30	ND	
MW-3	d	Dieldrin	60-57-1	ug/L	9/4/2019	0.00202	0.0323	JP	0.0151
MW-3	d	Diethyl phthalate	84-66-2	ug/L	9/4/2019	0.271	10.1	J	6.54
MW-3	d	Dimethoate	60-51-5	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Dimethyl phthalate	131-11-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Di-n-butyl phthalate	84-74-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Di-n-octyl phthalate	117-84-0	ug/L	9/4/2019	2.66	20.1	J	5.1
MW-3	d	Dinoseb	88-85-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Diphenylamine	122-39-4	ug/L	9/4/2019	n/a	10.1	ND*	
MW-3	d	Disulfoton	298-04-4	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Endosulfan I	959-98-8	ug/L	9/4/2019	0.00202	0.0323	JP	0.0123
MW-3	d	Endosulfan II	33213-65-9	ug/L	9/4/2019	0.00192	0.0323	JP	0.0074
MW-3	d	Endosulfan sulfate	1031-07-8	ug/L	9/4/2019	n/a	0.0323	ND	
MW-3	d	Endrin	72-20-8	ug/L	9/4/2019	n/a	0.0323	ND	
MW-3	d	Endrin aldehyde	7421-93-4	ug/L	9/4/2019	0.00737	0.0323	J	0.0124
MW-3	d	Ethyl Methacrylate	97-63-2	ug/L	9/4/2019	n/a	20	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Famphur	52-85-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Fluoranthene	206-44-0	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Fluorene	86-73-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	9/4/2019	0.00192	0.0323	JP	0.00559
MW-3	d	Heptachlor	76-44-8	ug/L	9/4/2019	0.00263	0.0323	JP	0.00306
MW-3	d	Heptachlor epoxide	1024-57-3	ug/L	9/4/2019	0.00616	0.0323	J	0.0176
MW-3	d	Hexachlorobenzene	118-74-1	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Hexachlorobutadiene	87-68-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Hexachloroethane	67-72-1	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Hexachloropropene	1888-71-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Isobutanol	78-83-1	mg/L	9/4/2019	n/a	10	ND	
MW-3	d	Isodrin	465-73-6	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Isophorone	78-59-1	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Isosafrole	120-58-1	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Kepone	143-50-0	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Methacrylonitrile	126-98-7	ug/L	9/4/2019	n/a	100	ND	
MW-3	d	Methapyriline	91-80-5	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Methoxychlor	72-43-5	ug/L	9/4/2019	n/a	0.0323	ND	
MW-3	d	Methyl Methacrylate	80-62-6	ug/L	9/4/2019	n/a	20	ND	
MW-3	d	Methyl Methanesulfonate	66-27-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Naphthalene	91-20-3	ug/L	9/4/2019	n/a	50	ND	
MW-3	d	Nitrobenzene	98-95-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/4/2019	n/a	10.1	ND*	
MW-3	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	N-Nitrosopiperidine	100-75-4	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	o-Toluidine	95-53-4	ug/L	9/4/2019	0.181	10.1	J	2.9
MW-3	d	Parathion-ethyl	56-38-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Parathion-methyl	298-00-0	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	PCB-1016	12674-11-2	ug/L	9/4/2019	n/a	0.825	ND	
MW-3	d	PCB-1221	11104-28-2	ug/L	9/4/2019	n/a	0.825	ND	
MW-3	d	PCB-1232	11141-16-5	ug/L	9/4/2019	n/a	0.825	ND	
MW-3	d	PCB-1242	53469-21-9	ug/L	9/4/2019	n/a	0.825	ND	
MW-3	d	PCB-1248	12672-29-6	ug/L	9/4/2019	n/a	0.825	ND	
MW-3	d	PCB-1254	11097-69-1	ug/L	9/4/2019	n/a	0.825	ND	
MW-3	d	PCB-1260	11096-82-5	ug/L	9/4/2019	n/a	0.825	ND	
MW-3	d	Pentachlorobenzene	608-93-5	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Pentachloronitrobenzene	82-68-8	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/4/2019	2.33	10.1	J	4.49
MW-3	d	Phenacetin	62-44-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Phenanthrene	85-01-8	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Phenol	108-95-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Phorate	298-02-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Pronamide	23950-58-5	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Propionitrile	107-12-0	ug/L	9/4/2019	n/a	100	ND	
MW-3	d	Pyrene	129-00-0	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Safrole	94-59-7	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/4/2019	n/a	10.5	ND*	
MW-3	d	Sulfide	18496-25-8	mg/L	9/4/2019	0.231	1		5.06
MW-3	d	Thionazin	297-97-2	ug/L	9/4/2019	n/a	10.1	ND	
MW-3	d	Toxaphene	8001-35-2	ug/L	9/4/2019	n/a	2.02	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	9/4/2019	n/a	100	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	9/4/2019	n/a	10	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	9/4/2019	5.1	15		60
MW-3	d	2,4,5-T	93-76-5	ug/L	9/4/2019	n/a	10.5	ND*	
MW-6A	u	Antimony	7440-36-0	mg/L	9/4/2019	n/a	0.001	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	9/4/2019	n/a	0.002	ND	
MW-6A	u	Barium	7440-39-3	mg/L	9/4/2019	0.00084	0.002		0.401
MW-6A	u	Beryllium	7440-41-7	mg/L	9/4/2019	n/a	0.001	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	9/4/2019	0.000039	0.0001		0.000154
MW-6A	u	Chromium	7440-47-3	mg/L	9/4/2019	n/a	0.005	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	9/4/2019	0.000091	0.0005	J	0.000379
MW-6A	u	Copper	7440-50-8	mg/L	9/4/2019	n/a	0.005	ND	
MW-6A	u	Lead	7439-92-1	mg/L	9/4/2019	n/a	0.0005	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	9/4/2019	0.0017	0.005		0.00765
MW-6A	u	Selenium	7782-49-2	mg/L	9/4/2019	n/a	0.005	ND	
MW-6A	u	Silver	7440-22-4	mg/L	9/4/2019	n/a	0.001	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	9/4/2019	n/a	0.001	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	9/4/2019	n/a	0.005	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	9/4/2019	n/a	0.02	ND	
MW-6A	u	Acetone	67-64-1	ug/L	9/4/2019	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Acrylonitrile	107-13-1	ug/L	9/4/2019	n/a	10	ND	
MW-6A	u	Benzene	71-43-2	ug/L	9/4/2019	n/a	0.5	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	9/4/2019	n/a	5	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	9/4/2019	n/a	5	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	9/4/2019	n/a	2	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	9/4/2019	n/a	4	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	9/4/2019	n/a	3	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	9/4/2019	n/a	5	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	9/4/2019	n/a	1.2	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/4/2019	n/a	0.34	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	9/4/2019	n/a	10	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	9/4/2019	0.22	1	J	0.435
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	9/4/2019	n/a	2	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/4/2019	0.21	1	J	0.283
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/4/2019	n/a	5	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/4/2019	n/a	5	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	9/4/2019	n/a	10	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	9/4/2019	n/a	4	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	9/4/2019	n/a	3	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	9/4/2019	n/a	10	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	9/4/2019	n/a	5	ND	
MW-6A	u	Styrene	100-42-5	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Toluene	108-88-3	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	9/4/2019	n/a	4	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	9/4/2019	n/a	10	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	9/4/2019	n/a	3	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	9/4/2019	n/a	10	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	9/4/2019	n/a	10	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	9/4/2019	n/a	1	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	9/4/2019	n/a	1.88	ND	
GDE	d	Antimony	7440-36-0	mg/L	9/5/2019	n/a	0.001	ND	
GDE	d	Arsenic	7440-38-2	mg/L	9/5/2019	n/a	0.002	ND	
GDE	d	Barium	7440-39-3	mg/L	9/5/2019	0.00084	0.002		0.142
GDE	d	Beryllium	7440-41-7	mg/L	9/5/2019	n/a	0.001	ND	
GDE	d	Cadmium	7440-43-9	mg/L	9/5/2019	n/a	0.0001	ND	
GDE	d	Chromium	7440-47-3	mg/L	9/5/2019	n/a	0.005	ND	
GDE	d	Cobalt	7440-48-4	mg/L	9/5/2019	0.000091	0.0005		0.000668
GDE	d	Copper	7440-50-8	mg/L	9/5/2019	n/a	0.005	ND	
GDE	d	Lead	7439-92-1	mg/L	9/5/2019	0.00027	0.0005	J	0.000327
GDE	d	Nickel	7440-02-0	mg/L	9/5/2019	0.0017	0.005		0.00643
GDE	d	Selenium	7782-49-2	mg/L	9/5/2019	n/a	0.005	ND	
GDE	d	Silver	7440-22-4	mg/L	9/5/2019	n/a	0.001	ND	
GDE	d	Thallium	7440-28-0	mg/L	9/5/2019	n/a	0.001	ND	
GDE	d	Vanadium	7440-62-2	mg/L	9/5/2019	n/a	0.005	ND	
GDE	d	Zinc	7440-66-6	mg/L	9/5/2019	n/a	0.02	ND	
GDE	d	Acetone	67-64-1	ug/L	9/5/2019	n/a	10	ND	
GDE	d	Acrylonitrile	107-13-1	ug/L	9/5/2019	n/a	10	ND	
GDE	d	Benzene	71-43-2	ug/L	9/5/2019	n/a	0.5	ND	
GDE	d	Bromochloromethane	74-97-5	ug/L	9/5/2019	n/a	5	ND	
GDE	d	Bromodichloromethane	75-27-4	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Bromoform	75-25-2	ug/L	9/5/2019	n/a	5	ND	
GDE	d	2-Butanone	78-93-3	ug/L	9/5/2019	n/a	10	ND	
GDE	d	Carbon Disulfide	75-15-0	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Carbon Tetrachloride	56-23-5	ug/L	9/5/2019	n/a	2	ND	
GDE	d	Chlorobenzene	108-90-7	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Chloroethane	75-00-3	ug/L	9/5/2019	n/a	4	ND	
GDE	d	Chloroform	67-66-3	ug/L	9/5/2019	n/a	3	ND	
GDE	d	Chlorodibromomethane	124-48-1	ug/L	9/5/2019	n/a	5	ND	
GDE	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/5/2019	n/a	1.2	ND	
GDE	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/5/2019	n/a	0.34	ND	
GDE	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/5/2019	n/a	10	ND	
GDE	d	1,1-Dichloroethane	75-34-3	ug/L	9/5/2019	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDE	d	1,2-Dichloroethane	107-06-2	ug/L	9/5/2019	n/a	1	ND	
GDE	d	1,1-Dichloroethene	75-35-4	ug/L	9/5/2019	n/a	2	ND	
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2019	n/a	1	ND	
GDE	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2019	n/a	1	ND	
GDE	d	1,2-Dichloropropane	78-87-5	ug/L	9/5/2019	n/a	1	ND	
GDE	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/5/2019	n/a	5	ND	
GDE	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/5/2019	n/a	5	ND	
GDE	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/5/2019	n/a	1	ND	
GDE	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Ethylbenzene	100-41-4	ug/L	9/5/2019	n/a	1	ND	
GDE	d	2-Hexanone	591-78-6	ug/L	9/5/2019	n/a	10	ND	
GDE	d	Bromomethane	74-83-9	ug/L	9/5/2019	n/a	4	ND	
GDE	d	Chloromethane	74-87-3	ug/L	9/5/2019	n/a	3	ND	
GDE	d	Iodomethane	74-88-4	ug/L	9/5/2019	n/a	10	ND	
GDE	d	Methylene Bromide	74-95-3	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Methylene Chloride	75-09-2	ug/L	9/5/2019	n/a	5	ND	
GDE	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/5/2019	n/a	10	ND	
GDE	d	Styrene	100-42-5	ug/L	9/5/2019	n/a	1	ND	
GDE	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/5/2019	n/a	1	ND	
GDE	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Tetrachloroethene	127-18-4	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Toluene	108-88-3	ug/L	9/5/2019	n/a	1	ND	
GDE	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/5/2019	n/a	1	ND	
GDE	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Trichloroethene	79-01-6	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Trichlorofluoromethane	75-69-4	ug/L	9/5/2019	n/a	4	ND	
GDE	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Vinyl Acetate	108-05-4	ug/L	9/5/2019	n/a	10	ND	
GDE	d	Vinyl Chloride	75-01-4	ug/L	9/5/2019	n/a	1	ND	
GDE	d	Xylenes, total	1330-20-7	ug/L	9/5/2019	n/a	3	ND	
GDE	d	Total Suspended Solids	TSS	mg/L	9/5/2019	0.638	1.88		13.1
MW-14	d	Antimony	7440-36-0	mg/L	9/5/2019	n/a	0.001	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	9/5/2019	0.00075	0.002		0.0309
MW-14	d	Barium	7440-39-3	mg/L	9/5/2019	0.00084	0.002		0.287
MW-14	d	Beryllium	7440-41-7	mg/L	9/5/2019	n/a	0.001	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	9/5/2019	n/a	0.0001	ND	
MW-14	d	Chromium	7440-47-3	mg/L	9/5/2019	0.00098	0.005		0.0579
MW-14	d	Cobalt	7440-48-4	mg/L	9/5/2019	0.000091	0.0005		0.000988
MW-14	d	Copper	7440-50-8	mg/L	9/5/2019	n/a	0.005	ND	
MW-14	d	Lead	7439-92-1	mg/L	9/5/2019	n/a	0.0005	ND	
MW-14	d	Nickel	7440-02-0	mg/L	9/5/2019	0.0017	0.005		0.00647
MW-14	d	Selenium	7782-49-2	mg/L	9/5/2019	n/a	0.005	ND	
MW-14	d	Silver	7440-22-4	mg/L	9/5/2019	n/a	0.001	ND	
MW-14	d	Thallium	7440-28-0	mg/L	9/5/2019	n/a	0.001	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	9/5/2019	0.00082	0.005	J	0.00101
MW-14	d	Zinc	7440-66-6	mg/L	9/5/2019	n/a	0.02	ND	
MW-14	d	Acetone	67-64-1	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	Benzene	71-43-2	ug/L	9/5/2019	n/a	0.5	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	9/5/2019	n/a	5	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Bromoform	75-25-2	ug/L	9/5/2019	n/a	5	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	9/5/2019	n/a	2	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	9/5/2019	n/a	4	ND	
MW-14	d	Chloroform	67-66-3	ug/L	9/5/2019	n/a	3	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	9/5/2019	n/a	5	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/5/2019	n/a	1.2	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/5/2019	n/a	0.34	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	9/5/2019	n/a	2	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/5/2019	n/a	5	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/5/2019	n/a	5	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	9/5/2019	n/a	4	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	9/5/2019	n/a	3	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	9/5/2019	n/a	5	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	Styrene	100-42-5	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Toluene	108-88-3	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	9/5/2019	n/a	4	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	9/5/2019	n/a	3	ND	
MW-14	d	Mercury	7439-97-6	mg/L	9/5/2019	n/a	0.0002	ND	
MW-14	d	Tin	7440-31-5	mg/L	9/5/2019	n/a	0.005	ND	
MW-14	d	Acrolein	107-02-8	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	3-Chloropropene	107-05-1	ug/L	9/5/2019	n/a	2	ND	
MW-14	d	Chloroprene	126-99-8	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Dichlorodifluoromethane	75-71-8	ug/L	9/5/2019	n/a	3	ND	
MW-14	d	1,3-Dichloropropane	142-28-9	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	2,2-Dichloropropane	594-20-7	ug/L	9/5/2019	n/a	4	ND	
MW-14	d	1,1-Dichloropropene	563-58-6	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/5/2019	n/a	1	ND	
MW-14	d	Ethyl Methacrylate	97-63-2	ug/L	9/5/2019	n/a	2	ND	
MW-14	d	Methacrylonitrile	126-98-7	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	Methyl Methacrylate	80-62-6	ug/L	9/5/2019	n/a	2	ND	
MW-14	d	Naphthalene	91-20-3	ug/L	9/5/2019	n/a	5	ND	
MW-14	d	Propionitrile	107-12-0	ug/L	9/5/2019	n/a	10	ND	
MW-14	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/5/2019	n/a	5	ND	
MW-14	d	Acenaphthene	83-32-9	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Acenaphthylene	208-96-8	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Acetophenone	98-86-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2-Acetylaminofluorene	53-96-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	4-Aminobiphenyl	92-67-1	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Anthracene	120-12-7	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Benzo [a] anthracene	56-55-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Benzo [a] pyrene	50-32-8	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Benzyl alcohol	100-51-6	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Butyl benzyl phthalate	85-68-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	4-Chloroaniline	106-47-8	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Chlorobenzilate	510-15-6	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	2-Chloronaphthalene	91-58-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2-Chlorophenol	95-57-8	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Chrysene	218-01-9	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	3/4-Methylphenol	T-34MP	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2-Methylphenol	95-48-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Diallate [cis or trans]	2303-16-4	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Dibenzofuran	132-64-9	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Di-n-butyl phthalate	84-74-2	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2,4-Dichlorophenol	120-83-2	ug/L	9/5/2019	0.313	10.1	J	0.545
MW-14	d	2,6-Dichlorophenol	87-65-0	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Diethyl phthalate	84-66-2	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Thionazin	297-97-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Dimethoate	60-51-5	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2,4-Dimethylphenol	105-67-9	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Dimethyl phthalate	131-11-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2,4-Dinitrophenol	51-28-5	ug/L	9/5/2019	n/a	20.2	ND	
MW-14	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Di-n-octyl phthalate	117-84-0	ug/L	9/5/2019	n/a	20.2	ND	
MW-14	d	Diphenylamine	122-39-4	ug/L	9/5/2019	n/a	10.1	ND*	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Disulfoton	298-04-4	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Famphur	52-85-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Fluoranthene	206-44-0	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Fluorene	86-73-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Hexachlorobenzene	118-74-1	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Hexachlorobutadiene	87-68-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Hexachloroethane	67-72-1	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Hexachloropropene	1888-71-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Isodrin	465-73-6	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Isophorone	78-59-1	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Isosafrole	120-58-1	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Kepone	143-50-0	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Methapyrilene	91-80-5	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	3-Methylcholanthrene	56-49-5	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Methyl Methanesulfonate	66-27-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2-Methylnaphthalene	91-57-6	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Parathion-Methyl	298-00-0	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	1,4-Naphthoquinone	130-15-4	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	1-Naphthylamine	134-32-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2-Naphthylamine	91-59-8	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2-Nitroaniline	88-74-4	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	3-Nitroaniline	99-09-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	4-Nitroaniline	100-01-6	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Nitrobenzene	98-95-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2-Nitrophenol	88-75-5	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	4-Nitrophenol	100-02-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	N-Nitrosopiperidine	100-75-4	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Parathion-Ethyl	56-38-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Pentachlorobenzene	608-93-5	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Pentachloronitrobenzene	82-68-8	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Phenacetin	62-44-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Phenanthrene	85-01-8	ug/L	9/5/2019	n/a	10.1	ND*	
MW-14	d	Phenol	108-95-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	1,4-Phenylenediamine	106-50-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Phorate	298-02-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Pronamide	23950-58-5	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Pyrene	129-00-0	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Safrole	94-59-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	o-Toluidine	95-53-4	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Dinoseb	88-85-7	ug/L	9/5/2019	n/a	10.1	ND	
MW-14	d	Acetonitrile	75-05-8	ug/L	9/5/2019	n/a	10000	ND	
MW-14	d	Isobutanol	78-83-1	mg/L	9/5/2019	n/a	10	ND	
MW-14	d	PCB-1016	12674-11-2	ug/L	9/5/2019	n/a	0.812	ND	
MW-14	d	PCB-1221	11104-28-2	ug/L	9/5/2019	n/a	0.812	ND	
MW-14	d	PCB-1232	11141-16-5	ug/L	9/5/2019	n/a	0.812	ND	
MW-14	d	PCB-1242	53469-21-9	ug/L	9/5/2019	n/a	0.812	ND	
MW-14	d	PCB-1248	12672-29-6	ug/L	9/5/2019	n/a	0.812	ND	
MW-14	d	PCB-1254	11097-69-1	ug/L	9/5/2019	n/a	0.812	ND	
MW-14	d	PCB-1260	11096-82-5	ug/L	9/5/2019	n/a	0.812	ND	
MW-14	d	Cyanide	57-12-5	mg/L	9/5/2019	n/a	0.01	ND	
MW-14	d	Sulfide	18496-25-8	mg/L	9/5/2019	n/a	1	ND	
MW-14	d	2,4-D [2C]	94-75-7	ug/L	9/5/2019	n/a	1.04	ND*	
MW-14	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/5/2019	n/a	1.04	ND*	
MW-14	d	Alpha-BHC	319-84-6	ug/L	9/5/2019	0.00173	0.0325	J	0.00227
MW-14	d	Beta-BHC	319-85-7	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Dieldrin	60-57-1	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	4,4'-DDE	72-55-9	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Delta-BHC	319-86-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Endrin	72-20-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Endosulfan II	33213-65-9	ug/L	9/5/2019	n/a	0.0325	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Heptachlor	76-44-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	4,4'-DDD	72-54-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Aldrin	309-00-2	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Endosulfan sulfate	1031-07-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Heptachlor Epoxide	1024-57-3	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	4,4'-DDT	50-29-3	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Endosulfan I	959-98-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Methoxychlor	72-43-5	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Toxaphene	8001-35-2	ug/L	9/5/2019	n/a	2.03	ND	
MW-14	d	Endrin aldehyde	7421-93-4	ug/L	9/5/2019	n/a	0.0325	ND	
MW-14	d	Chlordane	57-74-9	ug/L	9/5/2019	n/a	2.03	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	9/5/2019	0.638	1.88		45.9
MW-14	d	2,4,5-T	93-76-5	ug/L	9/5/2019	n/a	1.04	ND*	
MW-5AR	u	Antimony	7440-36-0	mg/L	9/5/2019	n/a	0.001	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	9/5/2019	n/a	0.002	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	9/5/2019	0.00084	0.002		0.0508
MW-5AR	u	Beryllium	7440-41-7	mg/L	9/5/2019	n/a	0.001	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	9/5/2019	0.000039	0.0001	J	0.00006
MW-5AR	u	Chromium	7440-47-3	mg/L	9/5/2019	n/a	0.005	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	9/5/2019	n/a	0.0005	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	9/5/2019	n/a	0.005	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	9/5/2019	n/a	0.0005	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	9/5/2019	n/a	0.005	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	9/5/2019	0.001	0.005	J	0.00255
MW-5AR	u	Silver	7440-22-4	mg/L	9/5/2019	n/a	0.001	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	9/5/2019	n/a	0.001	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	9/5/2019	n/a	0.005	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	9/5/2019	n/a	0.02	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	9/5/2019	n/a	10	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	9/5/2019	n/a	10	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	9/5/2019	n/a	0.5	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	9/5/2019	n/a	5	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	9/5/2019	n/a	5	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	9/5/2019	n/a	10	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	9/5/2019	n/a	2	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	9/5/2019	n/a	4	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	9/5/2019	n/a	3	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	9/5/2019	n/a	5	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/5/2019	n/a	1.2	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/5/2019	n/a	0.34	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/5/2019	n/a	10	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	9/5/2019	n/a	2	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/5/2019	n/a	5	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/5/2019	n/a	5	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	9/5/2019	n/a	10	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	9/5/2019	n/a	4	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	9/5/2019	n/a	3	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	9/5/2019	n/a	10	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	9/5/2019	n/a	5	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	9/5/2019	n/a	10	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	9/5/2019	n/a	4	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	9/5/2019	n/a	10	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	9/5/2019	n/a	1	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	9/5/2019	n/a	3	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	9/5/2019	0.638	1.88	J	1
MW-8R	d	Antimony	7440-36-0	mg/L	9/5/2019	n/a	0.001	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	9/5/2019	0.00075	0.002		0.0144
MW-8R	d	Barium	7440-39-3	mg/L	9/5/2019	0.00084	0.002		0.0255

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Beryllium	7440-41-7	mg/L	9/5/2019	n/a	0.001	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	9/5/2019	0.000039	0.0001		0.00141
MW-8R	d	Chromium	7440-47-3	mg/L	9/5/2019	n/a	0.005	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	9/5/2019	0.000091	0.0005		0.00555
MW-8R	d	Copper	7440-50-8	mg/L	9/5/2019	n/a	0.005	ND	
MW-8R	d	Lead	7439-92-1	mg/L	9/5/2019	0.00027	0.0005	J	0.000281
MW-8R	d	Nickel	7440-02-0	mg/L	9/5/2019	0.0017	0.005		0.00954
MW-8R	d	Selenium	7782-49-2	mg/L	9/5/2019	n/a	0.005	ND	
MW-8R	d	Silver	7440-22-4	mg/L	9/5/2019	n/a	0.001	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	9/5/2019	n/a	0.001	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	9/5/2019	n/a	0.005	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	9/5/2019	n/a	0.02	ND	
MW-8R	d	Acetone	67-64-1	ug/L	9/5/2019	n/a	10	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	9/5/2019	n/a	10	ND	
MW-8R	d	Benzene	71-43-2	ug/L	9/5/2019	n/a	0.5	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	9/5/2019	n/a	5	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	9/5/2019	n/a	5	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	9/5/2019	n/a	10	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	9/5/2019	n/a	2	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	9/5/2019	n/a	4	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	9/5/2019	n/a	3	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	9/5/2019	n/a	5	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/5/2019	n/a	1.2	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/5/2019	n/a	0.34	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/5/2019	n/a	10	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	9/5/2019	n/a	2	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/5/2019	n/a	5	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/5/2019	n/a	5	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	9/5/2019	n/a	10	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	9/5/2019	n/a	4	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	9/5/2019	n/a	3	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	9/5/2019	n/a	10	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	9/5/2019	n/a	5	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/5/2019	n/a	10	ND	
MW-8R	d	Styrene	100-42-5	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Toluene	108-88-3	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	9/5/2019	n/a	4	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	9/5/2019	n/a	10	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	9/5/2019	n/a	1	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	9/5/2019	n/a	3	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	9/5/2019	0.638	1.88		42.8
MW-9B	d	Antimony	7440-36-0	mg/L	9/5/2019	n/a	0.001	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	9/5/2019	0.00075	0.002		0.00289
MW-9B	d	Barium	7440-39-3	mg/L	9/5/2019	0.00084	0.002		0.0454
MW-9B	d	Beryllium	7440-41-7	mg/L	9/5/2019	n/a	0.001	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	9/5/2019	0.000039	0.0001		0.000106
MW-9B	d	Chromium	7440-47-3	mg/L	9/5/2019	n/a	0.005	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	9/5/2019	0.000091	0.0005		0.00723
MW-9B	d	Copper	7440-50-8	mg/L	9/5/2019	n/a	0.005	ND	
MW-9B	d	Lead	7439-92-1	mg/L	9/5/2019	0.00027	0.0005	J	0.000397
MW-9B	d	Nickel	7440-02-0	mg/L	9/5/2019	0.0017	0.005		0.0116
MW-9B	d	Selenium	7782-49-2	mg/L	9/5/2019	n/a	0.005	ND	
MW-9B	d	Silver	7440-22-4	mg/L	9/5/2019	n/a	0.001	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	9/5/2019	n/a	0.001	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	9/5/2019	n/a	0.005	ND	
MW-9B	d	Zinc	7440-66-6	mg/L	9/5/2019	0.01	0.02	J	0.0107
MW-9B	d	Acetone	67-64-1	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	Benzene	71-43-2	ug/L	9/5/2019	n/a	0.5	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	9/5/2019	n/a	5	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	9/5/2019	n/a	5	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	9/5/2019	n/a	2	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	9/5/2019	n/a	4	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	9/5/2019	n/a	3	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	9/5/2019	n/a	5	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/5/2019	n/a	1.2	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/5/2019	n/a	0.34	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	9/5/2019	n/a	2	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/5/2019	n/a	5	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/5/2019	n/a	5	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	9/5/2019	n/a	4	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	9/5/2019	n/a	3	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	9/5/2019	n/a	5	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	Styrene	100-42-5	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Toluene	108-88-3	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	9/5/2019	n/a	4	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	9/5/2019	n/a	3	ND	
MW-9B	d	Mercury	7439-97-6	mg/L	9/5/2019	n/a	0.0002	ND	
MW-9B	d	Tin	7440-31-5	mg/L	9/5/2019	n/a	0.005	ND	
MW-9B	d	Acrolein	107-02-8	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	3-Chloropropene	107-05-1	ug/L	9/5/2019	n/a	2	ND	
MW-9B	d	Chloroprene	126-99-8	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Dichlorodifluoromethane	75-71-8	ug/L	9/5/2019	n/a	3	ND	
MW-9B	d	1,3-Dichloropropane	142-28-9	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	2,2-Dichloropropane	594-20-7	ug/L	9/5/2019	n/a	4	ND	
MW-9B	d	1,1-Dichloropropene	563-58-6	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	1,3-Dichlorobenzene	541-73-1	ug/L	9/5/2019	n/a	1	ND	
MW-9B	d	Ethyl Methacrylate	97-63-2	ug/L	9/5/2019	n/a	2	ND	
MW-9B	d	Methacrylonitrile	126-98-7	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	Methyl Methacrylate	80-62-6	ug/L	9/5/2019	n/a	2	ND	
MW-9B	d	Naphthalene	91-20-3	ug/L	9/5/2019	n/a	5	ND	
MW-9B	d	Propionitrile	107-12-0	ug/L	9/5/2019	n/a	10	ND	
MW-9B	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	9/5/2019	n/a	5	ND	
MW-9B	d	Acenaphthene	83-32-9	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Acenaphthylene	208-96-8	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Acetophenone	98-86-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2-Acetylaminofluorene	53-96-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	4-Aminobiphenyl	92-67-1	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Anthracene	120-12-7	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Benzo [a] anthracene	56-55-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Benzo [b] fluoranthene	205-99-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Benzo [k] fluoranthene	207-08-9	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Benzo [g,h,i] perylene	191-24-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Benzo [a] pyrene	50-32-8	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Benzyl alcohol	100-51-6	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Butyl benzyl phthalate	85-68-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	4-Chloroaniline	106-47-8	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Chlorobenzilate	510-15-6	ug/L	9/5/2019	n/a	10.2	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	4-Chloro-3-methylphenol	59-50-7	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	2-Chloronaphthalene	91-58-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2-Chlorophenol	95-57-8	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Chrysene	218-01-9	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	3/4-Methylphenol	T-34MP	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2-Methylphenol	95-48-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Diallate [cis or trans]	2303-16-4	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Dibenz [a,h] anthracene	53-70-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Dibenzofuran	132-64-9	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Di-n-butyl phthalate	84-74-2	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	3,3-Dichlorobenzidine	91-94-1	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2,4-Dichlorophenol	120-83-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2,6-Dichlorophenol	87-65-0	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Diethyl phthalate	84-66-2	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Thionazin	297-97-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Dimethoate	60-51-5	ug/L	9/5/2019	0.276	10.2	J	0.964
MW-9B	d	Dimethylaminoazobenzene	60-11-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	3,3-Dimethylbenzidine	119-93-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2,4-Dimethylphenol	105-67-9	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Dimethyl phthalate	131-11-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	1,3-Dinitrobenzene	99-65-0	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2,4-Dinitrophenol	51-28-5	ug/L	9/5/2019	n/a	20.4	ND	
MW-9B	d	2,4-Dinitrotoluene	121-14-2	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	2,6-Dinitrotoluene	606-20-2	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Di-n-octyl phthalate	117-84-0	ug/L	9/5/2019	2.7	20.4	J	5.18
MW-9B	d	Diphenylamine	122-39-4	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Disulfoton	298-04-4	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Ethyl Methanesulfonate	62-50-0	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Famphur	52-85-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Fluoranthene	206-44-0	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Fluorene	86-73-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Hexachlorobenzene	118-74-1	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Hexachlorobutadiene	87-68-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Hexachlorocyclopentadiene	77-47-4	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Hexachloroethane	67-72-1	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Hexachloropropene	1888-71-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Isodrin	465-73-6	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Isophorone	78-59-1	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Isosafrole	120-58-1	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Kepone	143-50-0	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Methapyrilene	91-80-5	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	3-Methylcholanthrene	56-49-5	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Methyl Methanesulfonate	66-27-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2-Methylnaphthalene	91-57-6	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Parathion-Methyl	298-00-0	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	1,4-Naphthoquinone	130-15-4	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	1-Naphthylamine	134-32-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2-Naphthylamine	91-59-8	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2-Nitroaniline	88-74-4	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	3-Nitroaniline	99-09-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	4-Nitroaniline	100-01-6	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Nitrobenzene	98-95-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2-Nitrophenol	88-75-5	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	4-Nitrophenol	100-02-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	N-Nitrosodiethylamine	55-18-5	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	N-Nitrosodimethylamine	62-75-9	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	N-Nitrosodiphenylamine	86-30-6	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	N-Nitrosopiperidine	100-75-4	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	N-Nitrosopyrrolidine	930-55-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	5-Nitro-o-toluidine	99-55-8	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Parathion-Ethyl	56-38-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Pentachlorobenzene	608-93-5	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Pentachloronitrobenzene	82-68-8	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Pentachlorophenol [2C]	87-86-5	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Phenacetin	62-44-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Phenanthrene	85-01-8	ug/L	9/5/2019	n/a	10.2	ND*	
MW-9B	d	Phenol	108-95-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	1,4-Phenylenediamine	106-50-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Phorate	298-02-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Pronamide	23950-58-5	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Pyrene	129-00-0	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Safrole	94-59-7	ug/L	9/5/2019	n/a	10.2	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2,3,4,6-Tetrachlorophenol	98-90-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	o-Toluidine	95-53-4	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2,4,5-Trichlorophenol	95-95-4	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	2,4,6-Trichlorophenol	88-06-2	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Dinoseb	88-85-7	ug/L	9/5/2019	n/a	10.2	ND	
MW-9B	d	Acetonitrile	75-05-8	ug/L	9/5/2019	n/a	10000	ND	
MW-9B	d	Isobutanol	78-83-1	mg/L	9/5/2019	n/a	10	ND	
MW-9B	d	PCB-1016	12674-11-2	ug/L	9/5/2019	n/a	0.812	ND	
MW-9B	d	PCB-1221	11104-28-2	ug/L	9/5/2019	n/a	0.812	ND	
MW-9B	d	PCB-1232	11141-16-5	ug/L	9/5/2019	n/a	0.812	ND	
MW-9B	d	PCB-1242	53469-21-9	ug/L	9/5/2019	n/a	0.812	ND	
MW-9B	d	PCB-1248	12672-29-6	ug/L	9/5/2019	n/a	0.812	ND	
MW-9B	d	PCB-1254	11097-69-1	ug/L	9/5/2019	n/a	0.812	ND	
MW-9B	d	PCB-1260	11096-82-5	ug/L	9/5/2019	n/a	0.812	ND	
MW-9B	d	Cyanide	57-12-5	mg/L	9/5/2019	n/a	0.01	ND	
MW-9B	d	Sulfide	18496-25-8	mg/L	9/5/2019	n/a	1	ND	
MW-9B	d	2,4-D [2C]	94-75-7	ug/L	9/5/2019	n/a	1.02	ND*	
MW-9B	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	9/5/2019	n/a	1.02	ND*	
MW-9B	d	Alpha-BHC	319-84-6	ug/L	9/5/2019	0.00173	0.0325	J	0.00475
MW-9B	d	Beta-BHC	319-85-7	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Dieldrin	60-57-1	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	4,4'-DDE	72-55-9	ug/L	9/5/2019	0.00213	0.0325	J	0.00499
MW-9B	d	Delta-BHC	319-86-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Endrin	72-20-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Gamma-BHC [Lindane]	58-89-9	ug/L	9/5/2019	0.00193	0.0325	JP	0.00256
MW-9B	d	Endosulfan II	33213-65-9	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Heptachlor	76-44-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	4,4'-DDD	72-54-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Aldrin	309-00-2	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Endosulfan sulfate	1031-07-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Heptachlor Epoxide	1024-57-3	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	4,4'-DDT	50-29-3	ug/L	9/5/2019	0.00386	0.0325	JP	0.00643
MW-9B	d	Endosulfan I	959-98-8	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Methoxychlor	72-43-5	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Toxaphene	8001-35-2	ug/L	9/5/2019	n/a	2.03	ND	
MW-9B	d	Endrin aldehyde	7421-93-4	ug/L	9/5/2019	n/a	0.0325	ND	
MW-9B	d	Chlordane	57-74-9	ug/L	9/5/2019	n/a	2.03	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	9/5/2019	0.638	1.88		23.1
MW-9B	d	2,4,5-T	93-76-5	ug/L	9/5/2019	n/a	1.02	ND*	
MW-12	d	Antimony	7440-36-0	mg/L	9/12/2019	n/a	0.001	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	9/12/2019	n/a	0.002	ND	
MW-12	d	Barium	7440-39-3	mg/L	9/12/2019	0.00084	0.002		0.0678
MW-12	d	Beryllium	7440-41-7	mg/L	9/12/2019	n/a	0.001	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	9/12/2019	0.000039	0.0001		0.000103
MW-12	d	Chromium	7440-47-3	mg/L	9/12/2019	n/a	0.005	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	9/12/2019	0.000091	0.0005	J	0.000171
MW-12	d	Copper	7440-50-8	mg/L	9/12/2019	n/a	0.005	ND	
MW-12	d	Lead	7439-92-1	mg/L	9/12/2019	n/a	0.0005	ND	
MW-12	d	Nickel	7440-02-0	mg/L	9/12/2019	0.0017	0.005		0.0109
MW-12	d	Selenium	7782-49-2	mg/L	9/12/2019	n/a	0.005	ND	
MW-12	d	Silver	7440-22-4	mg/L	9/12/2019	n/a	0.001	ND	
MW-12	d	Thallium	7440-28-0	mg/L	9/12/2019	n/a	0.001	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	9/12/2019	n/a	0.005	ND	
MW-12	d	Zinc	7440-66-6	mg/L	9/12/2019	n/a	0.02	ND	
MW-12	d	Acetone	67-64-1	ug/L	9/12/2019	n/a	10	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	9/12/2019	n/a	10	ND	
MW-12	d	Benzene	71-43-2	ug/L	9/12/2019	n/a	0.5	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	9/12/2019	n/a	5	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Bromoform	75-25-2	ug/L	9/12/2019	n/a	5	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	9/12/2019	n/a	10	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2019	n/a	2	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	9/12/2019	n/a	4	ND	
MW-12	d	Chloroform	67-66-3	ug/L	9/12/2019	n/a	3	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2019	n/a	5	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2019	n/a	1.2	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2019	n/a	0.34	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2019	n/a	10	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2019	n/a	2	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2019	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2019	n/a	5	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2019	n/a	5	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	9/12/2019	n/a	10	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	9/12/2019	n/a	4	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	9/12/2019	n/a	3	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	9/12/2019	n/a	10	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	9/12/2019	n/a	5	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2019	n/a	10	ND	
MW-12	d	Styrene	100-42-5	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Toluene	108-88-3	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2019	n/a	4	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	9/12/2019	n/a	10	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	9/12/2019	n/a	1	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	9/12/2019	n/a	3	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	9/12/2019	0.638	1.88	J	0.75
MW-13	d	Antimony	7440-36-0	mg/L	9/12/2019	n/a	0.001	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	9/12/2019	0.00075	0.002		0.137
MW-13	d	Barium	7440-39-3	mg/L	9/12/2019	0.00084	0.002		0.346
MW-13	d	Beryllium	7440-41-7	mg/L	9/12/2019	n/a	0.001	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	9/12/2019	n/a	0.0001	ND	
MW-13	d	Chromium	7440-47-3	mg/L	9/12/2019	n/a	0.005	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	9/12/2019	0.000091	0.0005		0.0196
MW-13	d	Copper	7440-50-8	mg/L	9/12/2019	n/a	0.005	ND	
MW-13	d	Lead	7439-92-1	mg/L	9/12/2019	n/a	0.0005	ND	
MW-13	d	Nickel	7440-02-0	mg/L	9/12/2019	0.0017	0.005		0.0277
MW-13	d	Selenium	7782-49-2	mg/L	9/12/2019	0.001	0.005	J	0.00105
MW-13	d	Silver	7440-22-4	mg/L	9/12/2019	n/a	0.001	ND	
MW-13	d	Thallium	7440-28-0	mg/L	9/12/2019	n/a	0.001	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	9/12/2019	n/a	0.005	ND	
MW-13	d	Zinc	7440-66-6	mg/L	9/12/2019	n/a	0.02	ND	
MW-13	d	Acetone	67-64-1	ug/L	9/12/2019	3.1	10	J	5.21
MW-13	d	Acrylonitrile	107-13-1	ug/L	9/12/2019	n/a	10	ND	
MW-13	d	Benzene	71-43-2	ug/L	9/12/2019	n/a	0.5	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	9/12/2019	n/a	5	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Bromoform	75-25-2	ug/L	9/12/2019	n/a	5	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	9/12/2019	n/a	10	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2019	n/a	2	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	9/12/2019	n/a	4	ND	
MW-13	d	Chloroform	67-66-3	ug/L	9/12/2019	n/a	3	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2019	n/a	5	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2019	n/a	1.2	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2019	n/a	0.34	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2019	n/a	10	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2019	n/a	2	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2019	n/a	5	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2019	n/a	5	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	9/12/2019	n/a	10	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	9/12/2019	n/a	4	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	9/12/2019	n/a	3	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	9/12/2019	n/a	10	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	9/12/2019	n/a	5	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2019	n/a	10	ND	
MW-13	d	Styrene	100-42-5	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	9/12/2019	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Toluene	108-88-3	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2019	n/a	4	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	9/12/2019	n/a	10	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	9/12/2019	n/a	1	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	9/12/2019	n/a	3	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	9/12/2019	n/a	10.3	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	9/12/2019	n/a	1	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	9/12/2019	n/a	0.0328	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	9/12/2019	0.638	1.88		74.4
MW-16	d	Antimony	7440-36-0	mg/L	9/12/2019	n/a	0.001	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	9/12/2019	0.00075	0.002		0.00213
MW-16	d	Barium	7440-39-3	mg/L	9/12/2019	0.00084	0.002		0.0687
MW-16	d	Beryllium	7440-41-7	mg/L	9/12/2019	n/a	0.001	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	9/12/2019	n/a	0.0001	ND	
MW-16	d	Chromium	7440-47-3	mg/L	9/12/2019	n/a	0.005	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	9/12/2019	0.000091	0.0005		0.000927
MW-16	d	Copper	7440-50-8	mg/L	9/12/2019	n/a	0.005	ND	
MW-16	d	Lead	7439-92-1	mg/L	9/12/2019	n/a	0.0005	ND	
MW-16	d	Nickel	7440-02-0	mg/L	9/12/2019	n/a	0.005	ND	
MW-16	d	Selenium	7782-49-2	mg/L	9/12/2019	n/a	0.005	ND	
MW-16	d	Silver	7440-22-4	mg/L	9/12/2019	n/a	0.001	ND	
MW-16	d	Thallium	7440-28-0	mg/L	9/12/2019	n/a	0.001	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	9/12/2019	n/a	0.005	ND	
MW-16	d	Zinc	7440-66-6	mg/L	9/12/2019	n/a	0.02	ND	
MW-16	d	Acetone	67-64-1	ug/L	9/12/2019	n/a	10	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	9/12/2019	n/a	10	ND	
MW-16	d	Benzene	71-43-2	ug/L	9/12/2019	n/a	0.5	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	9/12/2019	n/a	5	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Bromoform	75-25-2	ug/L	9/12/2019	n/a	5	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	9/12/2019	n/a	10	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2019	n/a	2	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	9/12/2019	n/a	4	ND	
MW-16	d	Chloroform	67-66-3	ug/L	9/12/2019	n/a	3	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2019	n/a	5	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2019	n/a	1.2	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2019	n/a	0.34	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2019	n/a	10	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2019	n/a	2	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2019	n/a	5	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2019	n/a	5	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	9/12/2019	n/a	10	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	9/12/2019	n/a	4	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	9/12/2019	n/a	3	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	9/12/2019	n/a	10	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	9/12/2019	n/a	5	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2019	n/a	10	ND	
MW-16	d	Styrene	100-42-5	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Toluene	108-88-3	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2019	n/a	4	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	9/12/2019	n/a	10	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	9/12/2019	n/a	1	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	9/12/2019	n/a	3	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	9/12/2019	0.638	1.88		12.1
UD-B	d	Antimony	7440-36-0	mg/L	9/12/2019	n/a	0.001	ND	
UD-B	d	Arsenic	7440-38-2	mg/L	9/12/2019	n/a	0.002	ND	
UD-B	d	Barium	7440-39-3	mg/L	9/12/2019	0.00084	0.002		0.0704

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-B	d	Beryllium	7440-41-7	mg/L	9/12/2019	n/a	0.001	ND	
UD-B	d	Cadmium	7440-43-9	mg/L	9/12/2019	n/a	0.0001	ND	
UD-B	d	Chromium	7440-47-3	mg/L	9/12/2019	n/a	0.005	ND	
UD-B	d	Cobalt	7440-48-4	mg/L	9/12/2019	0.000091	0.0005		0.00201
UD-B	d	Copper	7440-50-8	mg/L	9/12/2019	n/a	0.005	ND	
UD-B	d	Lead	7439-92-1	mg/L	9/12/2019	n/a	0.0005	ND	
UD-B	d	Nickel	7440-02-0	mg/L	9/12/2019	0.0017	0.005		0.0117
UD-B	d	Selenium	7782-49-2	mg/L	9/12/2019	n/a	0.005	ND	
UD-B	d	Silver	7440-22-4	mg/L	9/12/2019	n/a	0.001	ND	
UD-B	d	Thallium	7440-28-0	mg/L	9/12/2019	n/a	0.001	ND	
UD-B	d	Vanadium	7440-62-2	mg/L	9/12/2019	n/a	0.005	ND	
UD-B	d	Zinc	7440-66-6	mg/L	9/12/2019	n/a	0.02	ND	
UD-B	d	Acetone	67-64-1	ug/L	9/12/2019	n/a	10	ND	
UD-B	d	Acrylonitrile	107-13-1	ug/L	9/12/2019	n/a	10	ND	
UD-B	d	Benzene	71-43-2	ug/L	9/12/2019	n/a	0.5	ND	
UD-B	d	Bromochloromethane	74-97-5	ug/L	9/12/2019	n/a	5	ND	
UD-B	d	Bromodichloromethane	75-27-4	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Bromoform	75-25-2	ug/L	9/12/2019	n/a	5	ND	
UD-B	d	2-Butanone	78-93-3	ug/L	9/12/2019	n/a	10	ND	
UD-B	d	Carbon Disulfide	75-15-0	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Carbon Tetrachloride	56-23-5	ug/L	9/12/2019	n/a	2	ND	
UD-B	d	Chlorobenzene	108-90-7	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Chloroethane	75-00-3	ug/L	9/12/2019	n/a	4	ND	
UD-B	d	Chloroform	67-66-3	ug/L	9/12/2019	n/a	3	ND	
UD-B	d	Chlorodibromomethane	124-48-1	ug/L	9/12/2019	n/a	5	ND	
UD-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/12/2019	n/a	1.2	ND	
UD-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/12/2019	n/a	0.34	ND	
UD-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/12/2019	n/a	10	ND	
UD-B	d	1,1-Dichloroethane	75-34-3	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	1,2-Dichloroethane	107-06-2	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	1,1-Dichloroethene	75-35-4	ug/L	9/12/2019	n/a	2	ND	
UD-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	1,2-Dichloropropane	78-87-5	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	9/12/2019	n/a	5	ND	
UD-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	9/12/2019	n/a	5	ND	
UD-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Ethylbenzene	100-41-4	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	2-Hexanone	591-78-6	ug/L	9/12/2019	n/a	10	ND	
UD-B	d	Bromomethane	74-83-9	ug/L	9/12/2019	n/a	4	ND	
UD-B	d	Chloromethane	74-87-3	ug/L	9/12/2019	n/a	3	ND	
UD-B	d	Iodomethane	74-88-4	ug/L	9/12/2019	n/a	10	ND	
UD-B	d	Methylene Bromide	74-95-3	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Methylene Chloride	75-09-2	ug/L	9/12/2019	n/a	5	ND	
UD-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	9/12/2019	n/a	10	ND	
UD-B	d	Styrene	100-42-5	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Tetrachloroethene	127-18-4	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Toluene	108-88-3	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Trichloroethene	79-01-6	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Trichlorofluoromethane	75-69-4	ug/L	9/12/2019	n/a	4	ND	
UD-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Vinyl Acetate	108-05-4	ug/L	9/12/2019	n/a	10	ND	
UD-B	d	Vinyl Chloride	75-01-4	ug/L	9/12/2019	n/a	1	ND	
UD-B	d	Xylenes, total	1330-20-7	ug/L	9/12/2019	n/a	3	ND	
UD-B	d	Total Suspended Solids	TSS	mg/L	9/12/2019	n/a	5	ND	
GDE	d	Antimony	7440-36-0	mg/L	3/30/2020	n/a	0.001	ND	
GDE	d	Arsenic	7440-38-2	mg/L	3/30/2020	n/a	0.002	ND	
GDE	d	Barium	7440-39-3	mg/L	3/30/2020	0.0009	0.002		0.138
GDE	d	Beryllium	7440-41-7	mg/L	3/30/2020	n/a	0.001	ND	
GDE	d	Cadmium	7440-43-9	mg/L	3/30/2020	n/a	0.0001	ND	
GDE	d	Chromium	7440-47-3	mg/L	3/30/2020	n/a	0.005	ND	
GDE	d	Cobalt	7440-48-4	mg/L	3/30/2020	0.000091	0.0005	J	0.000425
GDE	d	Copper	7440-50-8	mg/L	3/30/2020	n/a	0.005	ND	
GDE	d	Lead	7439-92-1	mg/L	3/30/2020	n/a	0.0005	ND	
GDE	d	Nickel	7440-02-0	mg/L	3/30/2020	0.0019	0.005		0.00589
GDE	d	Selenium	7782-49-2	mg/L	3/30/2020	n/a	0.005	ND	
GDE	d	Silver	7440-22-4	mg/L	3/30/2020	n/a	0.001	ND	
GDE	d	Thallium	7440-28-0	mg/L	3/30/2020	n/a	0.001	ND	
GDE	d	Vanadium	7440-62-2	mg/L	3/30/2020	n/a	0.005	ND	
GDE	d	Zinc	7440-66-6	mg/L	3/30/2020	n/a	0.02	ND	
GDE	d	Acetone	67-64-1	ug/L	3/30/2020	n/a	10	ND	
GDE	d	Acrylonitrile	107-13-1	ug/L	3/30/2020	n/a	10	ND	
GDE	d	Benzene	71-43-2	ug/L	3/30/2020	n/a	0.5	ND	
GDE	d	Bromochloromethane	74-97-5	ug/L	3/30/2020	n/a	5	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDE	d	Bromodichloromethane	75-27-4	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Bromoform	75-25-2	ug/L	3/30/2020	n/a	5	ND	
GDE	d	2-Butanone	78-93-3	ug/L	3/30/2020	n/a	10	ND	
GDE	d	Carbon Disulfide	75-15-0	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	n/a	2	ND	
GDE	d	Chlorobenzene	108-90-7	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Chloroethane	75-00-3	ug/L	3/30/2020	n/a	4	ND	
GDE	d	Chloroform	67-66-3	ug/L	3/30/2020	n/a	3	ND	
GDE	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2020	n/a	5	ND	
GDE	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2020	n/a	1.2	ND	
GDE	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2020	n/a	0.34	ND	
GDE	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2020	n/a	10	ND	
GDE	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	n/a	1	ND	
GDE	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	n/a	1	ND	
GDE	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	n/a	2	ND	
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	n/a	1	ND	
GDE	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	n/a	1	ND	
GDE	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	n/a	1	ND	
GDE	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	n/a	5	ND	
GDE	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	n/a	5	ND	
GDE	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	n/a	1	ND	
GDE	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Ethylbenzene	100-41-4	ug/L	3/30/2020	n/a	1	ND	
GDE	d	2-Hexanone	591-78-6	ug/L	3/30/2020	n/a	10	ND	
GDE	d	Bromomethane	74-83-9	ug/L	3/30/2020	n/a	4	ND	
GDE	d	Chloromethane	74-87-3	ug/L	3/30/2020	n/a	3	ND	
GDE	d	Iodomethane	74-88-4	ug/L	3/30/2020	n/a	10	ND	
GDE	d	Methylene Bromide	74-95-3	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Methylene Chloride	75-09-2	ug/L	3/30/2020	n/a	5	ND	
GDE	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2020	n/a	10	ND	
GDE	d	Styrene	100-42-5	ug/L	3/30/2020	n/a	1	ND	
GDE	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	n/a	1	ND	
GDE	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Tetrachloroethene	127-18-4	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Toluene	108-88-3	ug/L	3/30/2020	n/a	1	ND	
GDE	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	n/a	1	ND	
GDE	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Trichloroethene	79-01-6	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	n/a	4	ND	
GDE	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Vinyl Acetate	108-05-4	ug/L	3/30/2020	n/a	10	ND	
GDE	d	Vinyl Chloride	75-01-4	ug/L	3/30/2020	n/a	1	ND	
GDE	d	Xylenes, total	1330-20-7	ug/L	3/30/2020	n/a	3	ND	
GDE	d	Total Suspended Solids	TSS	mg/L	3/30/2020	1.7	5	J	4
GDW	d	Antimony	7440-36-0	mg/L	3/30/2020	n/a	0.001	ND	
GDW	d	Arsenic	7440-38-2	mg/L	3/30/2020	n/a	0.002	ND	
GDW	d	Barium	7440-39-3	mg/L	3/30/2020	0.0009	0.002		0.145
GDW	d	Beryllium	7440-41-7	mg/L	3/30/2020	n/a	0.001	ND	
GDW	d	Cadmium	7440-43-9	mg/L	3/30/2020	n/a	0.0001	ND	
GDW	d	Chromium	7440-47-3	mg/L	3/30/2020	n/a	0.005	ND	
GDW	d	Cobalt	7440-48-4	mg/L	3/30/2020	0.000091	0.0005	J	0.000142
GDW	d	Copper	7440-50-8	mg/L	3/30/2020	n/a	0.005	ND	
GDW	d	Lead	7439-92-1	mg/L	3/30/2020	n/a	0.0005	ND	
GDW	d	Nickel	7440-02-0	mg/L	3/30/2020	n/a	0.005	ND	
GDW	d	Selenium	7782-49-2	mg/L	3/30/2020	n/a	0.005	ND	
GDW	d	Silver	7440-22-4	mg/L	3/30/2020	n/a	0.001	ND	
GDW	d	Thallium	7440-28-0	mg/L	3/30/2020	n/a	0.001	ND	
GDW	d	Vanadium	7440-62-2	mg/L	3/30/2020	n/a	0.005	ND	
GDW	d	Zinc	7440-66-6	mg/L	3/30/2020	n/a	0.02	ND	
GDW	d	Acetone	67-64-1	ug/L	3/30/2020	n/a	10	ND	
GDW	d	Acrylonitrile	107-13-1	ug/L	3/30/2020	n/a	10	ND	
GDW	d	Benzene	71-43-2	ug/L	3/30/2020	n/a	0.5	ND	
GDW	d	Bromochloromethane	74-97-5	ug/L	3/30/2020	n/a	5	ND	
GDW	d	Bromodichloromethane	75-27-4	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Bromoform	75-25-2	ug/L	3/30/2020	n/a	5	ND	
GDW	d	2-Butanone	78-93-3	ug/L	3/30/2020	n/a	10	ND	
GDW	d	Carbon Disulfide	75-15-0	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	n/a	2	ND	
GDW	d	Chlorobenzene	108-90-7	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Chloroethane	75-00-3	ug/L	3/30/2020	n/a	4	ND	
GDW	d	Chloroform	67-66-3	ug/L	3/30/2020	n/a	3	ND	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2020	n/a	5	ND	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2020	n/a	1.2	ND	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2020	n/a	0.34	ND	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2020	n/a	10	ND	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	n/a	1	ND	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	n/a	1	ND	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	n/a	2	ND	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	n/a	1	ND	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	n/a	1	ND	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	n/a	5	ND	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	n/a	5	ND	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	n/a	1	ND	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Ethylbenzene	100-41-4	ug/L	3/30/2020	n/a	1	ND	
GDW	d	2-Hexanone	591-78-6	ug/L	3/30/2020	n/a	10	ND	
GDW	d	Bromomethane	74-83-9	ug/L	3/30/2020	n/a	4	ND	
GDW	d	Chloromethane	74-87-3	ug/L	3/30/2020	n/a	3	ND	
GDW	d	Iodomethane	74-88-4	ug/L	3/30/2020	n/a	10	ND	
GDW	d	Methylene Bromide	74-95-3	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Methylene Chloride	75-09-2	ug/L	3/30/2020	n/a	5	ND	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2020	n/a	10	ND	
GDW	d	Styrene	100-42-5	ug/L	3/30/2020	n/a	1	ND	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	n/a	1	ND	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Tetrachloroethene	127-18-4	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Toluene	108-88-3	ug/L	3/30/2020	n/a	1	ND	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	n/a	1	ND	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Trichloroethene	79-01-6	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	n/a	4	ND	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Vinyl Acetate	108-05-4	ug/L	3/30/2020	n/a	10	ND	
GDW	d	Vinyl Chloride	75-01-4	ug/L	3/30/2020	n/a	1	ND	
GDW	d	Xylenes, total	1330-20-7	ug/L	3/30/2020	n/a	3	ND	
GDW	d	Total Suspended Solids	TSS	mg/L	3/30/2020	n/a	1.88	ND	
MW-1	d	Antimony	7440-36-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/30/2020	0.00088	0.002		0.0116
MW-1	d	Barium	7440-39-3	mg/L	3/30/2020	0.0009	0.002		0.17
MW-1	d	Beryllium	7440-41-7	mg/L	3/30/2020	n/a	0.001	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/30/2020	0.000039	0.0001	J	0.000088
MW-1	d	Chromium	7440-47-3	mg/L	3/30/2020	n/a	0.005	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/30/2020	0.000091	0.0005		0.00298
MW-1	d	Copper	7440-50-8	mg/L	3/30/2020	n/a	0.005	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/30/2020	n/a	0.0005	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/30/2020	0.0019	0.005	J	0.00297
MW-1	d	Selenium	7782-49-2	mg/L	3/30/2020	n/a	0.005	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/30/2020	n/a	0.001	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/30/2020	0.00082	0.005	J	0.0011
MW-1	d	Zinc	7440-66-6	mg/L	3/30/2020	n/a	0.02	ND	
MW-1	d	Acetone	67-64-1	ug/L	3/30/2020	n/a	10	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/30/2020	n/a	10	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/30/2020	n/a	0.5	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/30/2020	n/a	5	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/30/2020	n/a	5	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	n/a	2	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/30/2020	n/a	4	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/30/2020	n/a	3	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2020	n/a	5	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2020	n/a	1.2	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2020	n/a	0.34	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2020	n/a	10	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	n/a	2	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	n/a	5	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	n/a	5	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/30/2020	n/a	10	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/30/2020	n/a	4	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/30/2020	n/a	3	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/30/2020	n/a	10	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/30/2020	n/a	5	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/30/2020	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	n/a	4	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/30/2020	n/a	10	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/30/2020	n/a	3	ND	
MW-1	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/30/2020	n/a	10.3	ND	
MW-1	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/30/2020	n/a	10.3	ND	
MW-1	d	2,4-Dinitrophenol	51-28-5	ug/L	3/30/2020	n/a	20.6	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/30/2020	n/a	10	ND	
MW-1	d	3-Nitroaniline	99-09-2	ug/L	3/30/2020	n/a	10.3	ND	
MW-1	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/30/2020	n/a	10.3	ND	
MW-1	d	4-Nitroaniline	100-01-6	ug/L	3/30/2020	n/a	10.3	ND	
MW-1	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/30/2020	n/a	10.3	ND	
MW-1	d	Isobutanol	78-83-1	mg/L	3/30/2020	n/a	10	ND	
MW-1	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/30/2020	n/a	10.3	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2020	n/a	10	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/30/2020	n/a	1	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	3/30/2020	0.638	1.88		5.25
MW-28	u	Antimony	7440-36-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-28	u	Arsenic	7440-38-2	mg/L	3/30/2020	n/a	0.002	ND	
MW-28	u	Barium	7440-39-3	mg/L	3/30/2020	0.0009	0.002		0.0453
MW-28	u	Beryllium	7440-41-7	mg/L	3/30/2020	n/a	0.001	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	3/30/2020	0.000039	0.0001	J	0.000062
MW-28	u	Chromium	7440-47-3	mg/L	3/30/2020	n/a	0.005	ND	
MW-28	u	Cobalt	7440-48-4	mg/L	3/30/2020	n/a	0.0005	ND	
MW-28	u	Copper	7440-50-8	mg/L	3/30/2020	n/a	0.005	ND	
MW-28	u	Lead	7439-92-1	mg/L	3/30/2020	n/a	0.0005	ND	
MW-28	u	Nickel	7440-02-0	mg/L	3/30/2020	0.0019	0.005	J	0.00319
MW-28	u	Selenium	7782-49-2	mg/L	3/30/2020	0.001	0.005	J	0.00173
MW-28	u	Silver	7440-22-4	mg/L	3/30/2020	n/a	0.001	ND	
MW-28	u	Thallium	7440-28-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	3/30/2020	n/a	0.005	ND	
MW-28	u	Zinc	7440-66-6	mg/L	3/30/2020	n/a	0.02	ND	
MW-28	u	Total Suspended Solids	TSS	mg/L	3/30/2020	0.638	1.88		2.38
MW-2AR	d	Antimony	7440-36-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/30/2020	0.00088	0.002		0.0522
MW-2AR	d	Barium	7440-39-3	mg/L	3/30/2020	0.0018	0.004		1.72
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/30/2020	n/a	0.002	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/30/2020	n/a	0.0001	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/30/2020	0.0011	0.005	J	0.00154
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/30/2020	0.000182	0.001		0.0052
MW-2AR	d	Copper	7440-50-8	mg/L	3/30/2020	n/a	0.005	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/30/2020	n/a	0.0005	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/30/2020	0.0019	0.005		0.0389
MW-2AR	d	Selenium	7782-49-2	mg/L	3/30/2020	n/a	0.005	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/30/2020	n/a	0.001	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/30/2020	0.00082	0.005	J	0.00356
MW-2AR	d	Zinc	7440-66-6	mg/L	3/30/2020	n/a	0.04	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/30/2020	3.1	10	J	7.13
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/30/2020	n/a	10	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/30/2020	0.22	0.5		2.79
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/30/2020	n/a	5	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/30/2020	n/a	5	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	n/a	2	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/30/2020	0.4	1		2.62
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/30/2020	0.79	4		5.38
MW-2AR	d	Chloroform	67-66-3	ug/L	3/30/2020	n/a	3	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2020	n/a	5	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2020	n/a	1.2	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2020	n/a	0.34	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2020	n/a	10	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	0.22	1	J	0.397
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	n/a	2	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	n/a	5	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	n/a	5	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	0.23	1		1.85
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/30/2020	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/30/2020	n/a	4	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/30/2020	n/a	3	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/30/2020	n/a	10	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/30/2020	n/a	5	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	n/a	4	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/30/2020	n/a	10	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/30/2020	n/a	3	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/30/2020	n/a	10	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2020	n/a	10	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/30/2020	n/a	1	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	3/30/2020	10.2	30		98
MW-5AR	u	Antimony	7440-36-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/30/2020	n/a	0.002	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	3/30/2020	0.0009	0.002		0.035
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/30/2020	n/a	0.001	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/30/2020	n/a	0.0001	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	3/30/2020	n/a	0.005	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/30/2020	n/a	0.0005	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	3/30/2020	n/a	0.005	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	3/30/2020	n/a	0.0005	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	3/30/2020	n/a	0.005	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	3/30/2020	0.001	0.005	J	0.00205
MW-5AR	u	Silver	7440-22-4	mg/L	3/30/2020	n/a	0.001	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/30/2020	n/a	0.005	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	3/30/2020	n/a	0.02	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	3/30/2020	n/a	10	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/30/2020	n/a	10	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	3/30/2020	n/a	0.5	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/30/2020	n/a	5	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	3/30/2020	n/a	5	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/30/2020	n/a	10	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	n/a	2	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/30/2020	n/a	4	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	3/30/2020	n/a	3	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/30/2020	n/a	5	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2020	n/a	1.2	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2020	n/a	0.34	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2020	n/a	10	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	n/a	2	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	n/a	5	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	n/a	5	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/30/2020	n/a	10	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/30/2020	n/a	4	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/30/2020	n/a	3	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/30/2020	n/a	10	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/30/2020	n/a	5	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2020	n/a	10	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	n/a	4	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/30/2020	n/a	10	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/30/2020	n/a	1	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/30/2020	n/a	3	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	3/30/2020	n/a	1.88	ND	
MW-6A	u	Antimony	7440-36-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/30/2020	n/a	0.002	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/30/2020	0.0009	0.002		0.366
MW-6A	u	Beryllium	7440-41-7	mg/L	3/30/2020	n/a	0.001	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/30/2020	0.000039	0.0001	J	0.000088
MW-6A	u	Chromium	7440-47-3	mg/L	3/30/2020	n/a	0.005	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/30/2020	0.000091	0.0005	J	0.000357
MW-6A	u	Copper	7440-50-8	mg/L	3/30/2020	n/a	0.005	ND	
MW-6A	u	Lead	7439-92-1	mg/L	3/30/2020	n/a	0.0005	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	3/30/2020	0.0019	0.005		0.00668
MW-6A	u	Selenium	7782-49-2	mg/L	3/30/2020	n/a	0.005	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/30/2020	n/a	0.001	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/30/2020	n/a	0.005	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/30/2020	n/a	0.02	ND	
MW-6A	u	Acetone	67-64-1	ug/L	3/30/2020	n/a	10	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/30/2020	n/a	10	ND	
MW-6A	u	Benzene	71-43-2	ug/L	3/30/2020	n/a	0.5	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/30/2020	n/a	5	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	3/30/2020	n/a	5	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	n/a	2	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	3/30/2020	n/a	4	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	3/30/2020	n/a	3	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/30/2020	n/a	5	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/30/2020	n/a	1.2	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2020	n/a	0.34	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/30/2020	n/a	10	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	n/a	2	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	0.21	1	J	0.545
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	n/a	5	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	n/a	5	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/30/2020	n/a	10	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	3/30/2020	n/a	4	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	3/30/2020	n/a	3	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	3/30/2020	n/a	10	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/30/2020	n/a	5	ND	
MW-6A	u	Styrene	100-42-5	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Toluene	108-88-3	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	n/a	4	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	3/30/2020	n/a	10	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/30/2020	n/a	3	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	3/30/2020	n/a	10	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/30/2020	n/a	10	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/30/2020	n/a	1	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	3/30/2020	0.638	1.88	J	1.38
MW-9B	d	Antimony	7440-36-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	3/30/2020	0.00088	0.002		0.00276
MW-9B	d	Barium	7440-39-3	mg/L	3/30/2020	0.0009	0.002		0.0226
MW-9B	d	Beryllium	7440-41-7	mg/L	3/30/2020	n/a	0.001	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	3/30/2020	n/a	0.0001	ND	
MW-9B	d	Chromium	7440-47-3	mg/L	3/30/2020	n/a	0.005	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	3/30/2020	0.000091	0.0005		0.000515
MW-9B	d	Copper	7440-50-8	mg/L	3/30/2020	n/a	0.005	ND	
MW-9B	d	Lead	7439-92-1	mg/L	3/30/2020	n/a	0.0005	ND	
MW-9B	d	Nickel	7440-02-0	mg/L	3/30/2020	n/a	0.005	ND	
MW-9B	d	Selenium	7782-49-2	mg/L	3/30/2020	n/a	0.005	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Silver	7440-22-4	mg/L	3/30/2020	n/a	0.001	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	3/30/2020	n/a	0.001	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	3/30/2020	n/a	0.005	ND	
MW-9B	d	Zinc	7440-66-6	mg/L	3/30/2020	n/a	0.02	ND	
MW-9B	d	Acetone	67-64-1	ug/L	3/30/2020	n/a	10	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	3/30/2020	n/a	10	ND	
MW-9B	d	Benzene	71-43-2	ug/L	3/30/2020	n/a	0.5	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	3/30/2020	n/a	5	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	3/30/2020	n/a	5	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	3/30/2020	n/a	10	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	n/a	2	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	3/30/2020	n/a	4	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	3/30/2020	n/a	3	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2020	n/a	5	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2020	n/a	1.2	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2020	n/a	0.34	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2020	n/a	10	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	n/a	2	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	n/a	5	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	n/a	5	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	3/30/2020	n/a	10	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	3/30/2020	n/a	4	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	3/30/2020	n/a	3	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	3/30/2020	n/a	10	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	3/30/2020	n/a	5	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2020	n/a	10	ND	
MW-9B	d	Styrene	100-42-5	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Toluene	108-88-3	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	n/a	4	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	3/30/2020	n/a	10	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	3/30/2020	n/a	1	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	3/30/2020	n/a	3	ND	
MW-9B	d	Dimethoate	60-51-5	ug/L	3/30/2020	n/a	10	ND	
MW-9B	d	Di-n-octyl phthalate	117-84-0	ug/L	3/30/2020	n/a	20	ND	
MW-9B	d	Alpha-BHC	319-84-6	ug/L	3/30/2020	n/a	0.033	ND	
MW-9B	d	4,4'-DDE	72-55-9	ug/L	3/30/2020	n/a	0.033	ND	
MW-9B	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/30/2020	n/a	0.033	ND	
MW-9B	d	4,4'-DDT	50-29-3	ug/L	3/30/2020	n/a	0.033	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	3/30/2020	5.1	15		28
UD-B	d	Antimony	7440-36-0	mg/L	3/30/2020	n/a	0.001	ND	
UD-B	d	Arsenic	7440-38-2	mg/L	3/30/2020	0.00088	0.002		0.00286
UD-B	d	Barium	7440-39-3	mg/L	3/30/2020	0.0009	0.002		0.128
UD-B	d	Beryllium	7440-41-7	mg/L	3/30/2020	n/a	0.001	ND	
UD-B	d	Cadmium	7440-43-9	mg/L	3/30/2020	0.000039	0.0001		0.000212
UD-B	d	Chromium	7440-47-3	mg/L	3/30/2020	n/a	0.005	ND	
UD-B	d	Cobalt	7440-48-4	mg/L	3/30/2020	0.000091	0.0005		0.0104
UD-B	d	Copper	7440-50-8	mg/L	3/30/2020	0.0032	0.005	J	0.0032
UD-B	d	Lead	7439-92-1	mg/L	3/30/2020	n/a	0.0005	ND	
UD-B	d	Nickel	7440-02-0	mg/L	3/30/2020	0.0019	0.005		0.0453
UD-B	d	Selenium	7782-49-2	mg/L	3/30/2020	n/a	0.005	ND	
UD-B	d	Silver	7440-22-4	mg/L	3/30/2020	n/a	0.001	ND	
UD-B	d	Thallium	7440-28-0	mg/L	3/30/2020	n/a	0.001	ND	
UD-B	d	Vanadium	7440-62-2	mg/L	3/30/2020	n/a	0.005	ND	
UD-B	d	Zinc	7440-66-6	mg/L	3/30/2020	n/a	0.02	ND	
UD-B	d	Acetone	67-64-1	ug/L	3/30/2020	n/a	10	ND	
UD-B	d	Acrylonitrile	107-13-1	ug/L	3/30/2020	n/a	10	ND	
UD-B	d	Benzene	71-43-2	ug/L	3/30/2020	0.22	0.5	J	0.349
UD-B	d	Bromochloromethane	74-97-5	ug/L	3/30/2020	n/a	5	ND	
UD-B	d	Bromodichloromethane	75-27-4	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Bromoform	75-25-2	ug/L	3/30/2020	n/a	5	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
UD-B	d	2-Butanone	78-93-3	ug/L	3/30/2020	n/a	10	ND	
UD-B	d	Carbon Disulfide	75-15-0	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	n/a	2	ND	
UD-B	d	Chlorobenzene	108-90-7	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Chloroethane	75-00-3	ug/L	3/30/2020	n/a	4	ND	
UD-B	d	Chloroform	67-66-3	ug/L	3/30/2020	n/a	3	ND	
UD-B	d	Chlorodibromomethane	124-48-1	ug/L	3/30/2020	n/a	5	ND	
UD-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2020	n/a	1.2	ND	
UD-B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2020	n/a	0.34	ND	
UD-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2020	n/a	10	ND	
UD-B	d	1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	0.22	1	J	0.631
UD-B	d	1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	n/a	2	ND	
UD-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	n/a	5	ND	
UD-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	n/a	5	ND	
UD-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Ethylbenzene	100-41-4	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	2-Hexanone	591-78-6	ug/L	3/30/2020	n/a	10	ND	
UD-B	d	Bromomethane	74-83-9	ug/L	3/30/2020	n/a	4	ND	
UD-B	d	Chloromethane	74-87-3	ug/L	3/30/2020	n/a	3	ND	
UD-B	d	Iodomethane	74-88-4	ug/L	3/30/2020	n/a	10	ND	
UD-B	d	Methylene Bromide	74-95-3	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Methylene Chloride	75-09-2	ug/L	3/30/2020	n/a	5	ND	
UD-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2020	n/a	10	ND	
UD-B	d	Styrene	100-42-5	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Tetrachloroethene	127-18-4	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Toluene	108-88-3	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Trichloroethene	79-01-6	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	n/a	4	ND	
UD-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Vinyl Acetate	108-05-4	ug/L	3/30/2020	n/a	10	ND	
UD-B	d	Vinyl Chloride	75-01-4	ug/L	3/30/2020	n/a	1	ND	
UD-B	d	Xylenes, total	1330-20-7	ug/L	3/30/2020	n/a	3	ND	
UD-B	d	Total Suspended Solids	TSS	mg/L	3/30/2020	0.638	1.88	J	1.75
MW-12	d	Antimony	7440-36-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/31/2020	n/a	0.002	ND	
MW-12	d	Barium	7440-39-3	mg/L	3/31/2020	0.0009	0.002		0.0639
MW-12	d	Beryllium	7440-41-7	mg/L	3/31/2020	n/a	0.001	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/31/2020	n/a	0.0001	ND	
MW-12	d	Chromium	7440-47-3	mg/L	3/31/2020	n/a	0.005	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	3/31/2020	0.000091	0.0005	J	0.000193
MW-12	d	Copper	7440-50-8	mg/L	3/31/2020	n/a	0.005	ND	
MW-12	d	Lead	7439-92-1	mg/L	3/31/2020	n/a	0.0005	ND	
MW-12	d	Nickel	7440-02-0	mg/L	3/31/2020	0.0019	0.005		0.0107
MW-12	d	Selenium	7782-49-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/31/2020	n/a	0.001	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/31/2020	n/a	0.02	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/31/2020	n/a	10	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/31/2020	n/a	10	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/31/2020	n/a	0.5	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/31/2020	n/a	5	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/31/2020	n/a	5	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/31/2020	n/a	10	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/31/2020	n/a	2	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/31/2020	n/a	4	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/31/2020	n/a	3	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/31/2020	n/a	5	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/31/2020	n/a	1.2	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/31/2020	n/a	0.34	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/31/2020	n/a	10	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/31/2020	n/a	2	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/31/2020	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/31/2020	n/a	5	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/31/2020	n/a	5	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/31/2020	n/a	10	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/31/2020	n/a	4	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/31/2020	n/a	3	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/31/2020	n/a	10	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/31/2020	n/a	5	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/31/2020	n/a	10	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/31/2020	n/a	4	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/31/2020	n/a	10	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/31/2020	n/a	1	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/31/2020	n/a	3	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	3/31/2020	0.638	1.88		2.88
MW-13	d	Antimony	7440-36-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	3/31/2020	0.00088	0.002		0.0743
MW-13	d	Barium	7440-39-3	mg/L	3/31/2020	0.0009	0.002		0.269
MW-13	d	Beryllium	7440-41-7	mg/L	3/31/2020	n/a	0.001	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	3/31/2020	n/a	0.0001	ND	
MW-13	d	Chromium	7440-47-3	mg/L	3/31/2020	n/a	0.005	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	3/31/2020	0.000091	0.0005		0.0195
MW-13	d	Copper	7440-50-8	mg/L	3/31/2020	n/a	0.005	ND	
MW-13	d	Lead	7439-92-1	mg/L	3/31/2020	n/a	0.0005	ND	
MW-13	d	Nickel	7440-02-0	mg/L	3/31/2020	0.0019	0.005		0.0268
MW-13	d	Selenium	7782-49-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-13	d	Silver	7440-22-4	mg/L	3/31/2020	n/a	0.001	ND	
MW-13	d	Thallium	7440-28-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-13	d	Zinc	7440-66-6	mg/L	3/31/2020	n/a	0.02	ND	
MW-13	d	Acetone	67-64-1	ug/L	3/31/2020	3.1	10	J	4.34
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/31/2020	n/a	10	ND	
MW-13	d	Benzene	71-43-2	ug/L	3/31/2020	n/a	0.5	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/31/2020	n/a	5	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Bromoform	75-25-2	ug/L	3/31/2020	n/a	5	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	3/31/2020	n/a	10	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/31/2020	n/a	2	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	3/31/2020	n/a	4	ND	
MW-13	d	Chloroform	67-66-3	ug/L	3/31/2020	n/a	3	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/31/2020	n/a	5	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/31/2020	n/a	1.2	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/31/2020	n/a	0.34	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/31/2020	n/a	10	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/31/2020	n/a	2	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/31/2020	n/a	5	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/31/2020	n/a	5	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	3/31/2020	n/a	10	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	3/31/2020	n/a	4	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	3/31/2020	n/a	3	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	3/31/2020	n/a	10	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/31/2020	n/a	5	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/31/2020	n/a	10	ND	
MW-13	d	Styrene	100-42-5	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/31/2020	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Toluene	108-88-3	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/31/2020	n/a	4	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/31/2020	n/a	10	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/31/2020	n/a	1	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/31/2020	n/a	3	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/31/2020	n/a	10.3	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	3/31/2020	n/a	1	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	3/31/2020	n/a	0.0333	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	3/31/2020	10.2	30		60
MW-14	d	Antimony	7440-36-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	3/31/2020	0.00088	0.002		0.00697
MW-14	d	Barium	7440-39-3	mg/L	3/31/2020	0.0009	0.002		0.185
MW-14	d	Beryllium	7440-41-7	mg/L	3/31/2020	n/a	0.001	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/31/2020	n/a	0.0001	ND	
MW-14	d	Chromium	7440-47-3	mg/L	3/31/2020	n/a	0.005	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	3/31/2020	0.000091	0.0005		0.000728
MW-14	d	Copper	7440-50-8	mg/L	3/31/2020	n/a	0.005	ND	
MW-14	d	Lead	7439-92-1	mg/L	3/31/2020	n/a	0.0005	ND	
MW-14	d	Nickel	7440-02-0	mg/L	3/31/2020	0.0019	0.005	J	0.00281
MW-14	d	Selenium	7782-49-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-14	d	Silver	7440-22-4	mg/L	3/31/2020	n/a	0.001	ND	
MW-14	d	Thallium	7440-28-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-14	d	Zinc	7440-66-6	mg/L	3/31/2020	n/a	0.02	ND	
MW-14	d	Acetone	67-64-1	ug/L	3/31/2020	n/a	10	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/31/2020	n/a	10	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/31/2020	n/a	0.5	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/31/2020	n/a	5	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/31/2020	n/a	5	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/31/2020	n/a	10	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/31/2020	n/a	2	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/31/2020	n/a	4	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/31/2020	n/a	3	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/31/2020	n/a	5	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/31/2020	n/a	1.2	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/31/2020	n/a	0.34	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/31/2020	n/a	10	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/31/2020	n/a	2	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/31/2020	n/a	5	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/31/2020	n/a	5	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/31/2020	n/a	10	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/31/2020	n/a	4	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	3/31/2020	n/a	3	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/31/2020	n/a	10	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/31/2020	n/a	5	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/31/2020	n/a	10	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/31/2020	n/a	4	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/31/2020	n/a	10	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/31/2020	n/a	1	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/31/2020	n/a	3	ND	
MW-14	d	2,4-Dichlorophenol	120-83-2	ug/L	3/31/2020	n/a	10.1	ND	
MW-14	d	Alpha-BHC	319-84-6	ug/L	3/31/2020	n/a	0.0337	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	3/31/2020	5.1	15		19
MW-16	d	Antimony	7440-36-0	mg/L	3/31/2020	n/a	0.001	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Arsenic	7440-38-2	mg/L	3/31/2020	0.00088	0.002	J	0.00185
MW-16	d	Barium	7440-39-3	mg/L	3/31/2020	0.0009	0.002		0.0556
MW-16	d	Beryllium	7440-41-7	mg/L	3/31/2020	n/a	0.001	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	3/31/2020	n/a	0.0001	ND	
MW-16	d	Chromium	7440-47-3	mg/L	3/31/2020	n/a	0.005	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	3/31/2020	0.000091	0.0005	J	0.000434
MW-16	d	Copper	7440-50-8	mg/L	3/31/2020	n/a	0.005	ND	
MW-16	d	Lead	7439-92-1	mg/L	3/31/2020	n/a	0.0005	ND	
MW-16	d	Nickel	7440-02-0	mg/L	3/31/2020	n/a	0.005	ND	
MW-16	d	Selenium	7782-49-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-16	d	Silver	7440-22-4	mg/L	3/31/2020	n/a	0.001	ND	
MW-16	d	Thallium	7440-28-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-16	d	Zinc	7440-66-6	mg/L	3/31/2020	n/a	0.02	ND	
MW-16	d	Acetone	67-64-1	ug/L	3/31/2020	n/a	10	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	3/31/2020	n/a	10	ND	
MW-16	d	Benzene	71-43-2	ug/L	3/31/2020	n/a	0.5	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	3/31/2020	n/a	5	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Bromoform	75-25-2	ug/L	3/31/2020	n/a	5	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	3/31/2020	n/a	10	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	3/31/2020	n/a	2	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	3/31/2020	n/a	4	ND	
MW-16	d	Chloroform	67-66-3	ug/L	3/31/2020	n/a	3	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	3/31/2020	n/a	5	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/31/2020	n/a	1.2	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/31/2020	n/a	0.34	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/31/2020	n/a	10	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	3/31/2020	n/a	2	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/31/2020	n/a	5	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/31/2020	n/a	5	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	3/31/2020	n/a	10	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	3/31/2020	n/a	4	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	3/31/2020	n/a	3	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	3/31/2020	n/a	10	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	3/31/2020	n/a	5	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/31/2020	n/a	10	ND	
MW-16	d	Styrene	100-42-5	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Toluene	108-88-3	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	3/31/2020	n/a	4	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	3/31/2020	n/a	10	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	3/31/2020	n/a	1	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	3/31/2020	n/a	3	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	3/31/2020	1.28	3.75		11
MW-3	d	Antimony	7440-36-0	mg/L	3/31/2020	0.00058	0.001		0.00256
MW-3	d	Arsenic	7440-38-2	mg/L	3/31/2020	0.00088	0.002		0.0194
MW-3	d	Barium	7440-39-3	mg/L	3/31/2020	0.0036	0.008		2.96
MW-3	d	Beryllium	7440-41-7	mg/L	3/31/2020	n/a	0.004	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/31/2020	0.000039	0.0001		0.000119
MW-3	d	Chromium	7440-47-3	mg/L	3/31/2020	0.0011	0.005		0.0206
MW-3	d	Cobalt	7440-48-4	mg/L	3/31/2020	0.000364	0.002		0.02
MW-3	d	Copper	7440-50-8	mg/L	3/31/2020	n/a	0.005	ND	
MW-3	d	Lead	7439-92-1	mg/L	3/31/2020	0.00027	0.0005		0.00239
MW-3	d	Nickel	7440-02-0	mg/L	3/31/2020	0.0019	0.005		0.103
MW-3	d	Selenium	7782-49-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-3	d	Silver	7440-22-4	mg/L	3/31/2020	n/a	0.001	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/31/2020	0.00082	0.005		0.00867
MW-3	d	Zinc	7440-66-6	mg/L	3/31/2020	0.04	0.08	J	0.054
MW-3	d	Tin	7440-31-5	mg/L	3/31/2020	n/a	0.02	ND	
MW-3	d	Acetone	67-64-1	ug/L	3/31/2020	n/a	100	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/31/2020	n/a	100	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/31/2020	2.2	5	J	2.89
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/31/2020	n/a	50	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/31/2020	n/a	50	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/31/2020	n/a	20	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/31/2020	n/a	40	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/31/2020	n/a	30	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/31/2020	n/a	50	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/31/2020	n/a	12	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/31/2020	n/a	3.4	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/31/2020	n/a	100	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/31/2020	n/a	20	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/31/2020	n/a	50	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/31/2020	n/a	50	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/31/2020	3.1	10		11
MW-3	d	2-Hexanone	591-78-6	ug/L	3/31/2020	n/a	100	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/31/2020	n/a	40	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/31/2020	n/a	30	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/31/2020	n/a	100	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/31/2020	n/a	50	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/31/2020	n/a	40	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/31/2020	n/a	100	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/31/2020	4	30	J	17.4
MW-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/31/2020	n/a	10.3	ND	
MW-3	d	2,4-Dimethylphenol	105-67-9	ug/L	3/31/2020	1.03	10.3	J	1.53
MW-3	d	2-Butanone	78-93-3	ug/L	3/31/2020	n/a	100	ND	
MW-3	d	2-Methylnaphthalene	91-57-6	ug/L	3/31/2020	n/a	10.3	ND	
MW-3	d	2-Naphthylamine	91-59-8	ug/L	3/31/2020	n/a	10.3	ND	
MW-3	d	4-Chloroaniline	106-47-8	ug/L	3/31/2020	n/a	10.3	ND	
MW-3	d	Acetophenone	98-86-2	ug/L	3/31/2020	n/a	10.3	ND	
MW-3	d	alpha-BHC	319-84-6	ug/L	3/31/2020	n/a	0.0356	ND	
MW-3	d	beta-BHC	319-85-7	ug/L	3/31/2020	0.00533	0.0356	J	0.026
MW-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/31/2020	n/a	10.3	ND	
MW-3	d	Dieldrin	60-57-1	ug/L	3/31/2020	0.00222	0.0356	J	0.0224
MW-3	d	Diethyl phthalate	84-66-2	ug/L	3/31/2020	1.13	10.3	J	2.41
MW-3	d	Di-n-octyl phthalate	117-84-0	ug/L	3/31/2020	n/a	20.6	ND	
MW-3	d	Endosulfan I	959-98-8	ug/L	3/31/2020	0.00222	0.0356	J	0.0136
MW-3	d	Endosulfan II	33213-65-9	ug/L	3/31/2020	0.00211	0.0356	J	0.0155
MW-3	d	Endrin aldehyde	7421-93-4	ug/L	3/31/2020	n/a	0.0356	ND	
MW-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	3/31/2020	n/a	0.0356	ND	
MW-3	d	Heptachlor	76-44-8	ug/L	3/31/2020	n/a	0.0356	ND	
MW-3	d	Heptachlor epoxide	1024-57-3	ug/L	3/31/2020	n/a	0.0356	ND	
MW-3	d	o-Toluidine	95-53-4	ug/L	3/31/2020	0.691	10.3	J	1.22
MW-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/31/2020	n/a	10.3	ND	
MW-3	d	Sulfide	18496-25-8	mg/L	3/31/2020	0.231	1		6.51
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/31/2020	n/a	100	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/31/2020	n/a	10	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	3/31/2020	20.4	60		112
MW-8R	d	Antimony	7440-36-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/31/2020	0.00088	0.002		0.00434
MW-8R	d	Barium	7440-39-3	mg/L	3/31/2020	0.0009	0.002		0.017
MW-8R	d	Beryllium	7440-41-7	mg/L	3/31/2020	n/a	0.001	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/31/2020	n/a	0.0001	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	3/31/2020	n/a	0.005	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	3/31/2020	0.000091	0.0005		0.00298
MW-8R	d	Copper	7440-50-8	mg/L	3/31/2020	n/a	0.005	ND	
MW-8R	d	Lead	7439-92-1	mg/L	3/31/2020	n/a	0.0005	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	3/31/2020	0.0019	0.005		0.00832
MW-8R	d	Selenium	7782-49-2	mg/L	3/31/2020	n/a	0.005	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Silver	7440-22-4	mg/L	3/31/2020	n/a	0.001	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	3/31/2020	n/a	0.001	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/31/2020	n/a	0.005	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/31/2020	n/a	0.02	ND	
MW-8R	d	Acetone	67-64-1	ug/L	3/31/2020	n/a	10	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/31/2020	n/a	10	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/31/2020	n/a	0.5	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/31/2020	n/a	5	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/31/2020	n/a	5	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/31/2020	n/a	10	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/31/2020	n/a	2	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	3/31/2020	n/a	4	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/31/2020	n/a	3	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/31/2020	n/a	5	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/31/2020	n/a	1.2	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/31/2020	n/a	0.34	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/31/2020	n/a	10	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/31/2020	n/a	2	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/31/2020	n/a	5	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/31/2020	n/a	5	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/31/2020	n/a	10	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/31/2020	n/a	4	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/31/2020	n/a	3	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/31/2020	n/a	10	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/31/2020	n/a	5	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/31/2020	n/a	10	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/31/2020	n/a	4	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/31/2020	n/a	10	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/31/2020	n/a	1	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/31/2020	n/a	3	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	3/31/2020	2.55	7.5		16.5
UD-B	d	Cobalt	7440-48-4	mg/L	5/6/2020	0.000091	0.0005		0.0121
GDE	d	Antimony	7440-36-0	mg/L	7/28/2020	n/a	0.001	ND	
GDE	d	Arsenic	7440-38-2	mg/L	7/28/2020	n/a	0.002	ND	
GDE	d	Barium	7440-39-3	mg/L	7/28/2020	0.00028	0.002		0.135
GDE	d	Beryllium	7440-41-7	mg/L	7/28/2020	n/a	0.001	ND	
GDE	d	Cadmium	7440-43-9	mg/L	7/28/2020	n/a	0.0001	ND	
GDE	d	Chromium	7440-47-3	mg/L	7/28/2020	n/a	0.005	ND	
GDE	d	Cobalt	7440-48-4	mg/L	7/28/2020	0.000091	0.0005	J	0.000474
GDE	d	Copper	7440-50-8	mg/L	7/28/2020	n/a	0.005	ND	
GDE	d	Lead	7439-92-1	mg/L	7/28/2020	n/a	0.0005	ND	
GDE	d	Nickel	7440-02-0	mg/L	7/28/2020	0.0019	0.005		0.00703
GDE	d	Selenium	7782-49-2	mg/L	7/28/2020	n/a	0.005	ND	
GDE	d	Silver	7440-22-4	mg/L	7/28/2020	n/a	0.001	ND	
GDE	d	Thallium	7440-28-0	mg/L	7/28/2020	n/a	0.001	ND	
GDE	d	Vanadium	7440-62-2	mg/L	7/28/2020	n/a	0.005	ND	
GDE	d	Zinc	7440-66-6	mg/L	7/28/2020	n/a	0.02	ND	
GDE	d	Acetone	67-64-1	ug/L	7/28/2020	n/a	10	ND	
GDE	d	Acrylonitrile	107-13-1	ug/L	7/28/2020	n/a	10	ND	
GDE	d	Benzene	71-43-2	ug/L	7/28/2020	n/a	0.5	ND	
GDE	d	Bromochloromethane	74-97-5	ug/L	7/28/2020	n/a	5	ND	
GDE	d	Bromodichloromethane	75-27-4	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Bromoform	75-25-2	ug/L	7/28/2020	n/a	5	ND	
GDE	d	2-Butanone	78-93-3	ug/L	7/28/2020	n/a	10	ND	
GDE	d	Carbon Disulfide	75-15-0	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Carbon Tetrachloride	56-23-5	ug/L	7/28/2020	n/a	2	ND	
GDE	d	Chlorobenzene	108-90-7	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Chloroethane	75-00-3	ug/L	7/28/2020	n/a	4	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDE	d	Chloroform	67-66-3	ug/L	7/28/2020	n/a	3	ND	
GDE	d	Chlorodibromomethane	124-48-1	ug/L	7/28/2020	n/a	5	ND	
GDE	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/28/2020	n/a	1.2	ND	
GDE	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/28/2020	n/a	0.34	ND	
GDE	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/28/2020	n/a	10	ND	
GDE	d	1,1-Dichloroethane	75-34-3	ug/L	7/28/2020	n/a	1	ND	
GDE	d	1,2-Dichloroethane	107-06-2	ug/L	7/28/2020	n/a	1	ND	
GDE	d	1,1-Dichloroethene	75-35-4	ug/L	7/28/2020	n/a	2	ND	
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/28/2020	n/a	1	ND	
GDE	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/28/2020	n/a	1	ND	
GDE	d	1,2-Dichloropropane	78-87-5	ug/L	7/28/2020	n/a	1	ND	
GDE	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/28/2020	n/a	5	ND	
GDE	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/28/2020	n/a	5	ND	
GDE	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/28/2020	n/a	1	ND	
GDE	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Ethylbenzene	100-41-4	ug/L	7/28/2020	n/a	1	ND	
GDE	d	2-Hexanone	591-78-6	ug/L	7/28/2020	n/a	10	ND	
GDE	d	Bromomethane	74-83-9	ug/L	7/28/2020	n/a	4	ND	
GDE	d	Chloromethane	74-87-3	ug/L	7/28/2020	n/a	3	ND	
GDE	d	Iodomethane	74-88-4	ug/L	7/28/2020	n/a	10	ND	
GDE	d	Methylene Bromide	74-95-3	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Methylene Chloride	75-09-2	ug/L	7/28/2020	n/a	5	ND	
GDE	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/28/2020	n/a	10	ND	
GDE	d	Styrene	100-42-5	ug/L	7/28/2020	n/a	1	ND	
GDE	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/28/2020	n/a	1	ND	
GDE	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Tetrachloroethene	127-18-4	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Toluene	108-88-3	ug/L	7/28/2020	n/a	1	ND	
GDE	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/28/2020	n/a	1	ND	
GDE	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Trichloroethene	79-01-6	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Trichlorofluoromethane	75-69-4	ug/L	7/28/2020	n/a	4	ND	
GDE	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Vinyl Acetate	108-05-4	ug/L	7/28/2020	n/a	10	ND	
GDE	d	Vinyl Chloride	75-01-4	ug/L	7/28/2020	n/a	1	ND	
GDE	d	Xylenes, total	1330-20-7	ug/L	7/28/2020	n/a	3	ND	
GDE	d	Total Suspended Solids	TSS	mg/L	7/28/2020	0.638	1.88		16.5
MW-12	d	Antimony	7440-36-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	7/28/2020	n/a	0.002	ND	
MW-12	d	Barium	7440-39-3	mg/L	7/28/2020	0.00028	0.002		0.0692
MW-12	d	Beryllium	7440-41-7	mg/L	7/28/2020	n/a	0.001	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	7/28/2020	0.000049	0.0001		0.000175
MW-12	d	Chromium	7440-47-3	mg/L	7/28/2020	n/a	0.005	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	7/28/2020	0.000091	0.0005		0.00192
MW-12	d	Copper	7440-50-8	mg/L	7/28/2020	0.0015	0.005	J	0.00258
MW-12	d	Lead	7439-92-1	mg/L	7/28/2020	n/a	0.0005	ND	
MW-12	d	Nickel	7440-02-0	mg/L	7/28/2020	0.0019	0.005		0.0335
MW-12	d	Selenium	7782-49-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-12	d	Silver	7440-22-4	mg/L	7/28/2020	n/a	0.001	ND	
MW-12	d	Thallium	7440-28-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-12	d	Zinc	7440-66-6	mg/L	7/28/2020	n/a	0.02	ND	
MW-12	d	Acetone	67-64-1	ug/L	7/28/2020	n/a	10	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	7/28/2020	n/a	10	ND	
MW-12	d	Benzene	71-43-2	ug/L	7/28/2020	n/a	0.5	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	7/28/2020	n/a	5	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Bromoform	75-25-2	ug/L	7/28/2020	n/a	5	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	7/28/2020	n/a	10	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	7/28/2020	n/a	2	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	7/28/2020	n/a	4	ND	
MW-12	d	Chloroform	67-66-3	ug/L	7/28/2020	n/a	3	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	7/28/2020	n/a	5	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/28/2020	n/a	1.2	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/28/2020	n/a	0.34	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/28/2020	n/a	10	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	7/28/2020	n/a	2	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/28/2020	n/a	5	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/28/2020	n/a	5	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	7/28/2020	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	2-Hexanone	591-78-6	ug/L	7/28/2020	n/a	10	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	7/28/2020	n/a	4	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	7/28/2020	n/a	3	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	7/28/2020	n/a	10	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	7/28/2020	n/a	5	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/28/2020	n/a	10	ND	
MW-12	d	Styrene	100-42-5	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Toluene	108-88-3	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	7/28/2020	n/a	4	ND	
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	7/28/2020	n/a	10	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	7/28/2020	n/a	1	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	7/28/2020	n/a	3	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	7/28/2020	0.638	1.88	J	1.75
MW-13	d	Antimony	7440-36-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	7/28/2020	0.00088	0.002		0.136
MW-13	d	Barium	7440-39-3	mg/L	7/28/2020	0.00028	0.002		0.266
MW-13	d	Beryllium	7440-41-7	mg/L	7/28/2020	n/a	0.001	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	7/28/2020	n/a	0.0001	ND	
MW-13	d	Chromium	7440-47-3	mg/L	7/28/2020	n/a	0.005	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	7/28/2020	0.000091	0.0005		0.0182
MW-13	d	Copper	7440-50-8	mg/L	7/28/2020	n/a	0.005	ND	
MW-13	d	Lead	7439-92-1	mg/L	7/28/2020	n/a	0.0005	ND	
MW-13	d	Nickel	7440-02-0	mg/L	7/28/2020	0.0019	0.005		0.0266
MW-13	d	Selenium	7782-49-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-13	d	Silver	7440-22-4	mg/L	7/28/2020	n/a	0.001	ND	
MW-13	d	Thallium	7440-28-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-13	d	Zinc	7440-66-6	mg/L	7/28/2020	n/a	0.02	ND	
MW-13	d	Acetone	67-64-1	ug/L	7/28/2020	3.1	10	J	5.61
MW-13	d	Acrylonitrile	107-13-1	ug/L	7/28/2020	n/a	10	ND	
MW-13	d	Benzene	71-43-2	ug/L	7/28/2020	n/a	0.5	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	7/28/2020	n/a	5	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Bromoform	75-25-2	ug/L	7/28/2020	n/a	5	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	7/28/2020	n/a	10	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	7/28/2020	n/a	2	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	7/28/2020	n/a	4	ND	
MW-13	d	Chloroform	67-66-3	ug/L	7/28/2020	n/a	3	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	7/28/2020	n/a	5	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/28/2020	n/a	1.2	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/28/2020	n/a	0.34	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/28/2020	n/a	10	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	7/28/2020	n/a	2	ND	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/28/2020	n/a	5	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/28/2020	n/a	5	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	7/28/2020	n/a	10	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	7/28/2020	n/a	4	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	7/28/2020	n/a	3	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	7/28/2020	n/a	10	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	7/28/2020	n/a	5	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/28/2020	n/a	10	ND	
MW-13	d	Styrene	100-42-5	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Toluene	108-88-3	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	7/28/2020	n/a	4	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	7/28/2020	n/a	10	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	7/28/2020	n/a	1	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	7/28/2020	n/a	3	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/28/2020	n/a	10.3	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	7/28/2020	n/a	10	ND	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	7/28/2020	n/a	0.032	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	7/28/2020	0.638	1.88		59.3
MW-14	d	Antimony	7440-36-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	7/28/2020	0.00088	0.002		0.0202
MW-14	d	Barium	7440-39-3	mg/L	7/28/2020	0.00028	0.002		0.219
MW-14	d	Beryllium	7440-41-7	mg/L	7/28/2020	n/a	0.001	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	7/28/2020	n/a	0.0001	ND	
MW-14	d	Chromium	7440-47-3	mg/L	7/28/2020	n/a	0.005	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	7/28/2020	0.000091	0.0005		0.000906
MW-14	d	Copper	7440-50-8	mg/L	7/28/2020	n/a	0.005	ND	
MW-14	d	Lead	7439-92-1	mg/L	7/28/2020	n/a	0.0005	ND	
MW-14	d	Nickel	7440-02-0	mg/L	7/28/2020	0.0019	0.005	J	0.00429
MW-14	d	Selenium	7782-49-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-14	d	Silver	7440-22-4	mg/L	7/28/2020	n/a	0.001	ND	
MW-14	d	Thallium	7440-28-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-14	d	Zinc	7440-66-6	mg/L	7/28/2020	n/a	0.02	ND	
MW-14	d	Acetone	67-64-1	ug/L	7/28/2020	n/a	10	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	7/28/2020	n/a	10	ND	
MW-14	d	Benzene	71-43-2	ug/L	7/28/2020	n/a	0.5	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	7/28/2020	n/a	5	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Bromoform	75-25-2	ug/L	7/28/2020	n/a	5	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	7/28/2020	n/a	10	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	7/28/2020	n/a	2	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	7/28/2020	n/a	4	ND	
MW-14	d	Chloroform	67-66-3	ug/L	7/28/2020	n/a	3	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	7/28/2020	n/a	5	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/28/2020	n/a	1.2	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/28/2020	n/a	0.34	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/28/2020	n/a	10	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	7/28/2020	n/a	2	ND	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/28/2020	n/a	5	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/28/2020	n/a	5	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	7/28/2020	n/a	10	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	7/28/2020	n/a	4	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	7/28/2020	n/a	3	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	7/28/2020	n/a	10	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	7/28/2020	n/a	5	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/28/2020	n/a	10	ND	
MW-14	d	Styrene	100-42-5	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Toluene	108-88-3	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	7/28/2020	n/a	4	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	7/28/2020	n/a	10	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	7/28/2020	n/a	1	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	7/28/2020	n/a	3	ND	
MW-14	d	2,4-Dichlorophenol	120-83-2	ug/L	7/28/2020	n/a	10	ND	
MW-14	d	Alpha-BHC	319-84-6	ug/L	7/28/2020	n/a	0.032	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	7/28/2020	0.638	1.88		25.8
MW-16	d	Antimony	7440-36-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	7/28/2020	0.00088	0.002		0.00309
MW-16	d	Barium	7440-39-3	mg/L	7/28/2020	0.00028	0.002		0.0556
MW-16	d	Beryllium	7440-41-7	mg/L	7/28/2020	n/a	0.001	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	7/28/2020	n/a	0.0001	ND	
MW-16	d	Chromium	7440-47-3	mg/L	7/28/2020	n/a	0.005	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Cobalt	7440-48-4	mg/L	7/28/2020	0.000091	0.0005	J	0.000337
MW-16	d	Copper	7440-50-8	mg/L	7/28/2020	n/a	0.005	ND	
MW-16	d	Lead	7439-92-1	mg/L	7/28/2020	n/a	0.0005	ND	
MW-16	d	Nickel	7440-02-0	mg/L	7/28/2020	n/a	0.005	ND	
MW-16	d	Selenium	7782-49-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-16	d	Silver	7440-22-4	mg/L	7/28/2020	n/a	0.001	ND	
MW-16	d	Thallium	7440-28-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-16	d	Zinc	7440-66-6	mg/L	7/28/2020	n/a	0.02	ND	
MW-16	d	Acetone	67-64-1	ug/L	7/28/2020	n/a	10	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	7/28/2020	n/a	10	ND	
MW-16	d	Benzene	71-43-2	ug/L	7/28/2020	n/a	0.5	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	7/28/2020	n/a	5	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Bromoform	75-25-2	ug/L	7/28/2020	n/a	5	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	7/28/2020	n/a	10	ND	
MW-16	d	Carbon Disulfide	75-15-0	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	7/28/2020	n/a	2	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	7/28/2020	n/a	4	ND	
MW-16	d	Chloroform	67-66-3	ug/L	7/28/2020	n/a	3	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	7/28/2020	n/a	5	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/28/2020	n/a	1.2	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/28/2020	n/a	0.34	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/28/2020	n/a	10	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	7/28/2020	n/a	2	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/28/2020	n/a	5	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/28/2020	n/a	5	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	7/28/2020	n/a	10	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	7/28/2020	n/a	4	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	7/28/2020	n/a	3	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	7/28/2020	n/a	10	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	7/28/2020	n/a	5	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/28/2020	n/a	10	ND	
MW-16	d	Styrene	100-42-5	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Toluene	108-88-3	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	7/28/2020	n/a	4	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	7/28/2020	n/a	10	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	7/28/2020	n/a	1	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	7/28/2020	n/a	3	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	7/28/2020	0.638	1.88		20.4
MW-5AR	u	Antimony	7440-36-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	7/28/2020	n/a	0.002	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	7/28/2020	0.00028	0.002		0.051
MW-5AR	u	Beryllium	7440-41-7	mg/L	7/28/2020	n/a	0.001	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	7/28/2020	n/a	0.0001	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	7/28/2020	n/a	0.005	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	7/28/2020	n/a	0.0005	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	7/28/2020	n/a	0.005	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	7/28/2020	n/a	0.0005	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	7/28/2020	n/a	0.005	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	7/28/2020	0.001	0.005	J	0.00267
MW-5AR	u	Silver	7440-22-4	mg/L	7/28/2020	n/a	0.001	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	7/28/2020	n/a	0.02	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	7/28/2020	n/a	10	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	7/28/2020	n/a	10	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	7/28/2020	n/a	0.5	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	7/28/2020	n/a	5	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	7/28/2020	n/a	5	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	7/28/2020	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	7/28/2020	n/a	2	ND	
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	7/28/2020	n/a	4	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	7/28/2020	n/a	3	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	7/28/2020	n/a	5	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/28/2020	n/a	1.2	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/28/2020	n/a	0.34	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/28/2020	n/a	10	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	7/28/2020	n/a	2	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/28/2020	n/a	5	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/28/2020	n/a	5	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	7/28/2020	n/a	10	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	7/28/2020	n/a	4	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	7/28/2020	n/a	3	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	7/28/2020	n/a	10	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	7/28/2020	n/a	5	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	7/28/2020	n/a	10	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	7/28/2020	n/a	4	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	7/28/2020	n/a	10	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	7/28/2020	n/a	1	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	7/28/2020	n/a	3	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	7/28/2020	0.638	1.88		6.12
MW-8R	d	Antimony	7440-36-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	7/28/2020	0.00088	0.002		0.00897
MW-8R	d	Barium	7440-39-3	mg/L	7/28/2020	0.00028	0.002		0.0204
MW-8R	d	Beryllium	7440-41-7	mg/L	7/28/2020	n/a	0.001	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	7/28/2020	n/a	0.0001	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	7/28/2020	n/a	0.005	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	7/28/2020	0.000091	0.0005		0.00411
MW-8R	d	Copper	7440-50-8	mg/L	7/28/2020	n/a	0.005	ND	
MW-8R	d	Lead	7439-92-1	mg/L	7/28/2020	n/a	0.0005	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	7/28/2020	0.0019	0.005		0.00774
MW-8R	d	Selenium	7782-49-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-8R	d	Silver	7440-22-4	mg/L	7/28/2020	n/a	0.001	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	7/28/2020	n/a	0.02	ND	
MW-8R	d	Acetone	67-64-1	ug/L	7/28/2020	n/a	10	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	7/28/2020	n/a	10	ND	
MW-8R	d	Benzene	71-43-2	ug/L	7/28/2020	n/a	0.5	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	7/28/2020	n/a	5	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	7/28/2020	n/a	5	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	7/28/2020	n/a	10	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	7/28/2020	n/a	2	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	7/28/2020	n/a	4	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	7/28/2020	n/a	3	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	7/28/2020	n/a	5	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/28/2020	n/a	1.2	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/28/2020	n/a	0.34	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/28/2020	n/a	10	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	7/28/2020	n/a	2	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/28/2020	n/a	5	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/28/2020	n/a	5	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	7/28/2020	n/a	10	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	7/28/2020	n/a	4	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	7/28/2020	n/a	3	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	7/28/2020	n/a	10	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	7/28/2020	n/a	5	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/28/2020	n/a	10	ND	
MW-8R	d	Styrene	100-42-5	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Toluene	108-88-3	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	7/28/2020	n/a	4	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	7/28/2020	n/a	10	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	7/28/2020	n/a	1	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	7/28/2020	n/a	3	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	7/28/2020	0.638	1.88		24.3
MW-9B	d	Antimony	7440-36-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	7/28/2020	0.00088	0.002		0.00323
MW-9B	d	Barium	7440-39-3	mg/L	7/28/2020	0.00028	0.002		0.0241
MW-9B	d	Beryllium	7440-41-7	mg/L	7/28/2020	n/a	0.001	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	7/28/2020	0.000049	0.0001	J	0.000054
MW-9B	d	Chromium	7440-47-3	mg/L	7/28/2020	n/a	0.005	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	7/28/2020	0.000091	0.0005		0.0021
MW-9B	d	Copper	7440-50-8	mg/L	7/28/2020	n/a	0.005	ND	
MW-9B	d	Lead	7439-92-1	mg/L	7/28/2020	0.00011	0.0005	J	0.000282
MW-9B	d	Nickel	7440-02-0	mg/L	7/28/2020	0.0019	0.005	J	0.00312
MW-9B	d	Selenium	7782-49-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-9B	d	Silver	7440-22-4	mg/L	7/28/2020	n/a	0.001	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	7/28/2020	n/a	0.001	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	7/28/2020	n/a	0.005	ND	
MW-9B	d	Zinc	7440-66-6	mg/L	7/28/2020	n/a	0.02	ND	
MW-9B	d	Acetone	67-64-1	ug/L	7/28/2020	n/a	10	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	7/28/2020	n/a	10	ND	
MW-9B	d	Benzene	71-43-2	ug/L	7/28/2020	n/a	0.5	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	7/28/2020	n/a	5	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	7/28/2020	n/a	5	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	7/28/2020	n/a	10	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	7/28/2020	n/a	2	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	7/28/2020	n/a	4	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	7/28/2020	n/a	3	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	7/28/2020	n/a	5	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/28/2020	n/a	1.2	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/28/2020	n/a	0.34	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/28/2020	n/a	10	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	7/28/2020	n/a	2	ND	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/28/2020	n/a	5	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/28/2020	n/a	5	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	7/28/2020	n/a	10	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	7/28/2020	n/a	4	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	7/28/2020	n/a	3	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	7/28/2020	n/a	10	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	7/28/2020	n/a	5	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/28/2020	n/a	10	ND	
MW-9B	d	Styrene	100-42-5	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Toluene	108-88-3	ug/L	7/28/2020	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	7/28/2020	n/a	4	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	7/28/2020	n/a	10	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	7/28/2020	n/a	1	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	7/28/2020	n/a	3	ND	
MW-9B	d	Dimethoate	60-51-5	ug/L	7/28/2020	n/a	10.2	ND	
MW-9B	d	Di-n-octyl phthalate	117-84-0	ug/L	7/28/2020	n/a	20.4	ND	
MW-9B	d	Alpha-BHC	319-84-6	ug/L	7/28/2020	0.0017	0.032	J	0.00221
MW-9B	d	4,4'-DDE	72-55-9	ug/L	7/28/2020	n/a	0.032	ND	
MW-9B	d	Gamma-BHC [Lindane]	58-89-9	ug/L	7/28/2020	n/a	0.032	ND	
MW-9B	d	4,4'-DDT	50-29-3	ug/L	7/28/2020	n/a	0.032	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	7/28/2020	2.55	7.5		35
UD-B	d	Antimony	7440-36-0	mg/L	7/28/2020	n/a	0.001	ND	
UD-B	d	Arsenic	7440-38-2	mg/L	7/28/2020	0.00088	0.002	J	0.00134
UD-B	d	Barium	7440-39-3	mg/L	7/28/2020	0.00028	0.002		0.0794
UD-B	d	Beryllium	7440-41-7	mg/L	7/28/2020	n/a	0.001	ND	
UD-B	d	Cadmium	7440-43-9	mg/L	7/28/2020	n/a	0.0001	ND	
UD-B	d	Chromium	7440-47-3	mg/L	7/28/2020	n/a	0.005	ND	
UD-B	d	Cobalt	7440-48-4	mg/L	7/28/2020	0.000091	0.0005		0.00516
UD-B	d	Copper	7440-50-8	mg/L	7/28/2020	n/a	0.005	ND	
UD-B	d	Lead	7439-92-1	mg/L	7/28/2020	n/a	0.0005	ND	
UD-B	d	Nickel	7440-02-0	mg/L	7/28/2020	0.0019	0.005		0.0168
UD-B	d	Selenium	7782-49-2	mg/L	7/28/2020	n/a	0.005	ND	
UD-B	d	Silver	7440-22-4	mg/L	7/28/2020	n/a	0.001	ND	
UD-B	d	Thallium	7440-28-0	mg/L	7/28/2020	n/a	0.001	ND	
UD-B	d	Vanadium	7440-62-2	mg/L	7/28/2020	n/a	0.005	ND	
UD-B	d	Zinc	7440-66-6	mg/L	7/28/2020	n/a	0.02	ND	
UD-B	d	Acetone	67-64-1	ug/L	7/28/2020	n/a	10	ND	
UD-B	d	Acrylonitrile	107-13-1	ug/L	7/28/2020	n/a	10	ND	
UD-B	d	Benzene	71-43-2	ug/L	7/28/2020	n/a	0.5	ND	
UD-B	d	Bromochloromethane	74-97-5	ug/L	7/28/2020	n/a	5	ND	
UD-B	d	Bromodichloromethane	75-27-4	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Bromoform	75-25-2	ug/L	7/28/2020	n/a	5	ND	
UD-B	d	2-Butanone	78-93-3	ug/L	7/28/2020	n/a	10	ND	
UD-B	d	Carbon Disulfide	75-15-0	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Carbon Tetrachloride	56-23-5	ug/L	7/28/2020	n/a	2	ND	
UD-B	d	Chlorobenzene	108-90-7	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Chloroethane	75-00-3	ug/L	7/28/2020	n/a	4	ND	
UD-B	d	Chloroform	67-66-3	ug/L	7/28/2020	n/a	3	ND	
UD-B	d	Chlorodibromomethane	124-48-1	ug/L	7/28/2020	n/a	5	ND	
UD-B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/28/2020	n/a	1.2	ND	
UD-B	d	1,2-Dibromomethane [EDB]	106-93-4	ug/L	7/28/2020	n/a	0.34	ND	
UD-B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/28/2020	n/a	10	ND	
UD-B	d	1,1-Dichloroethane	75-34-3	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	1,2-Dichloroethane	107-06-2	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	1,1-Dichloroethene	75-35-4	ug/L	7/28/2020	n/a	2	ND	
UD-B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	1,2-Dichloropropane	78-87-5	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/28/2020	n/a	5	ND	
UD-B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/28/2020	n/a	5	ND	
UD-B	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Ethylbenzene	100-41-4	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	2-Hexanone	591-78-6	ug/L	7/28/2020	n/a	10	ND	
UD-B	d	Bromomethane	74-83-9	ug/L	7/28/2020	n/a	4	ND	
UD-B	d	Chloromethane	74-87-3	ug/L	7/28/2020	n/a	3	ND	
UD-B	d	Iodomethane	74-88-4	ug/L	7/28/2020	n/a	10	ND	
UD-B	d	Methylene Bromide	74-95-3	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Methylene Chloride	75-09-2	ug/L	7/28/2020	n/a	5	ND	
UD-B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/28/2020	n/a	10	ND	
UD-B	d	Styrene	100-42-5	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Tetrachloroethene	127-18-4	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Toluene	108-88-3	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Trichloroethene	79-01-6	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Trichlorofluoromethane	75-69-4	ug/L	7/28/2020	n/a	4	ND	
UD-B	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Vinyl Acetate	108-05-4	ug/L	7/28/2020	n/a	10	ND	
UD-B	d	Vinyl Chloride	75-01-4	ug/L	7/28/2020	n/a	1	ND	
UD-B	d	Xylenes, total	1330-20-7	ug/L	7/28/2020	n/a	3	ND	
UD-B	d	Total Suspended Solids	TSS	mg/L	7/28/2020	0.638	1.88		3.25
MW-1	d	Antimony	7440-36-0	mg/L	7/29/2020	n/a	0.001	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Arsenic	7440-38-2	mg/L	7/29/2020	0.00088	0.002		0.00663
MW-1	d	Barium	7440-39-3	mg/L	7/29/2020	0.00028	0.002		0.142
MW-1	d	Beryllium	7440-41-7	mg/L	7/29/2020	n/a	0.001	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	7/29/2020	0.000049	0.0001	J	0.000079
MW-1	d	Chromium	7440-47-3	mg/L	7/29/2020	n/a	0.005	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	7/29/2020	0.000091	0.0005		0.00149
MW-1	d	Copper	7440-50-8	mg/L	7/29/2020	0.0015	0.005	J	0.00194
MW-1	d	Lead	7439-92-1	mg/L	7/29/2020	n/a	0.0005	ND	
MW-1	d	Nickel	7440-02-0	mg/L	7/29/2020	0.0019	0.005	J	0.00388
MW-1	d	Selenium	7782-49-2	mg/L	7/29/2020	n/a	0.005	ND	
MW-1	d	Silver	7440-22-4	mg/L	7/29/2020	n/a	0.001	ND	
MW-1	d	Thallium	7440-28-0	mg/L	7/29/2020	n/a	0.001	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	7/29/2020	n/a	0.005	ND	
MW-1	d	Zinc	7440-66-6	mg/L	7/29/2020	n/a	0.02	ND	
MW-1	d	Acetone	67-64-1	ug/L	7/29/2020	n/a	10	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	7/29/2020	n/a	10	ND	
MW-1	d	Benzene	71-43-2	ug/L	7/29/2020	n/a	0.5	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	7/29/2020	n/a	5	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Bromoform	75-25-2	ug/L	7/29/2020	n/a	5	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	7/29/2020	n/a	2	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	7/29/2020	n/a	4	ND	
MW-1	d	Chloroform	67-66-3	ug/L	7/29/2020	n/a	3	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	7/29/2020	n/a	5	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/29/2020	n/a	1.2	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/29/2020	n/a	0.34	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/29/2020	n/a	10	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	7/29/2020	n/a	2	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/29/2020	n/a	5	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/29/2020	n/a	5	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	7/29/2020	n/a	10	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	7/29/2020	n/a	4	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	7/29/2020	n/a	3	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	7/29/2020	n/a	10	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	7/29/2020	n/a	5	ND	
MW-1	d	Styrene	100-42-5	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Toluene	108-88-3	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Trichloroethene	79-01-6	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	7/29/2020	n/a	4	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	7/29/2020	n/a	10	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	7/29/2020	n/a	3	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	7/29/2020	n/a	10	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/29/2020	n/a	10	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	7/29/2020	n/a	1	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	7/29/2020	0.638	1.88		3.63
MW-28	u	Antimony	7440-36-0	mg/L	7/29/2020	n/a	0.001	ND	
MW-28	u	Arsenic	7440-38-2	mg/L	7/29/2020	n/a	0.002	ND	
MW-28	u	Barium	7440-39-3	mg/L	7/29/2020	0.00028	0.002		0.075
MW-28	u	Beryllium	7440-41-7	mg/L	7/29/2020	n/a	0.001	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	7/29/2020	0.000049	0.0001		0.000196
MW-28	u	Chromium	7440-47-3	mg/L	7/29/2020	n/a	0.005	ND	
MW-28	u	Cobalt	7440-48-4	mg/L	7/29/2020	n/a	0.0005	ND	
MW-28	u	Copper	7440-50-8	mg/L	7/29/2020	n/a	0.005	ND	
MW-28	u	Lead	7439-92-1	mg/L	7/29/2020	n/a	0.0005	ND	
MW-28	u	Nickel	7440-02-0	mg/L	7/29/2020	0.0019	0.005		0.00734
MW-28	u	Selenium	7782-49-2	mg/L	7/29/2020	n/a	0.005	ND	
MW-28	u	Silver	7440-22-4	mg/L	7/29/2020	n/a	0.001	ND	
MW-28	u	Thallium	7440-28-0	mg/L	7/29/2020	n/a	0.001	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	7/29/2020	n/a	0.005	ND	
MW-28	u	Zinc	7440-66-6	mg/L	7/29/2020	n/a	0.02	ND	
MW-28	u	Acetone	67-64-1	ug/L	7/29/2020	n/a	10	ND	
MW-28	u	Acrylonitrile	107-13-1	ug/L	7/29/2020	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	Benzene	71-43-2	ug/L	7/29/2020	n/a	0.5	ND	
MW-28	u	Bromochloromethane	74-97-5	ug/L	7/29/2020	n/a	5	ND	
MW-28	u	Bromodichloromethane	75-27-4	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Bromoform	75-25-2	ug/L	7/29/2020	n/a	5	ND	
MW-28	u	Carbon disulfide	75-15-0	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Carbon Tetrachloride	56-23-5	ug/L	7/29/2020	n/a	2	ND	
MW-28	u	Chlorobenzene	108-90-7	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Chloroethane	75-00-3	ug/L	7/29/2020	n/a	4	ND	
MW-28	u	Chloroform	67-66-3	ug/L	7/29/2020	n/a	3	ND	
MW-28	u	Chlorodibromomethane	124-48-1	ug/L	7/29/2020	n/a	5	ND	
MW-28	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/29/2020	n/a	1.2	ND	
MW-28	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/29/2020	n/a	0.34	ND	
MW-28	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/29/2020	n/a	10	ND	
MW-28	u	1,1-Dichloroethane	75-34-3	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	1,2-Dichloroethane	107-06-2	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	1,1-Dichloroethene	75-35-4	ug/L	7/29/2020	n/a	2	ND	
MW-28	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	1,2-Dichloropropane	78-87-5	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/29/2020	n/a	5	ND	
MW-28	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/29/2020	n/a	5	ND	
MW-28	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Ethylbenzene	100-41-4	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	2-Hexanone	591-78-6	ug/L	7/29/2020	n/a	10	ND	
MW-28	u	Bromomethane	74-83-9	ug/L	7/29/2020	n/a	4	ND	
MW-28	u	Chloromethane	74-87-3	ug/L	7/29/2020	n/a	3	ND	
MW-28	u	Iodomethane	74-88-4	ug/L	7/29/2020	n/a	10	ND	
MW-28	u	Methylene Chloride	75-09-2	ug/L	7/29/2020	n/a	5	ND	
MW-28	u	Styrene	100-42-5	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Tetrachloroethene	127-18-4	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Toluene	108-88-3	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Trichloroethene	79-01-6	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Trichlorofluoromethane	75-69-4	ug/L	7/29/2020	n/a	4	ND	
MW-28	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Vinyl acetate	108-05-4	ug/L	7/29/2020	n/a	10	ND	
MW-28	u	Vinyl chloride	75-01-4	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Xylenes, total	1330-20-7	ug/L	7/29/2020	n/a	3	ND	
MW-28	u	2-Butanone	78-93-3	ug/L	7/29/2020	n/a	10	ND	
MW-28	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/29/2020	n/a	10	ND	
MW-28	u	Methylene Bromide	74-95-3	ug/L	7/29/2020	n/a	1	ND	
MW-28	u	Total Suspended Solids	TSS	mg/L	7/29/2020	0.638	1.88	J	1.25
MW-2AR	d	Antimony	7440-36-0	mg/L	7/29/2020	n/a	0.001	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	7/29/2020	0.00088	0.002		0.069
MW-2AR	d	Barium	7440-39-3	mg/L	7/29/2020	0.00028	0.002		1.71
MW-2AR	d	Beryllium	7440-41-7	mg/L	7/29/2020	n/a	0.001	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	7/29/2020	n/a	0.0001	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	7/29/2020	0.0011	0.005	J	0.00185
MW-2AR	d	Cobalt	7440-48-4	mg/L	7/29/2020	0.000091	0.0005		0.00646
MW-2AR	d	Copper	7440-50-8	mg/L	7/29/2020	n/a	0.005	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	7/29/2020	n/a	0.0005	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	7/29/2020	0.0019	0.005		0.0475
MW-2AR	d	Selenium	7782-49-2	mg/L	7/29/2020	n/a	0.005	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	7/29/2020	n/a	0.001	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	7/29/2020	n/a	0.001	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	7/29/2020	0.00085	0.005	J	0.00363
MW-2AR	d	Zinc	7440-66-6	mg/L	7/29/2020	n/a	0.02	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	7/29/2020	n/a	100	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	7/29/2020	n/a	100	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	7/29/2020	2.2	5	J	3.47
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	7/29/2020	n/a	50	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	7/29/2020	n/a	50	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	7/29/2020	n/a	20	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Chloroethane	75-00-3	ug/L	7/29/2020	7.9	40	J	9.02
MW-2AR	d	Chloroform	67-66-3	ug/L	7/29/2020	n/a	30	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	7/29/2020	n/a	50	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/29/2020	n/a	12	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/29/2020	n/a	3.4	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/29/2020	n/a	100	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	7/29/2020	n/a	20	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/29/2020	n/a	50	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/29/2020	n/a	50	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	7/29/2020	n/a	100	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	7/29/2020	n/a	40	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	7/29/2020	n/a	30	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	7/29/2020	n/a	100	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	7/29/2020	n/a	50	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	7/29/2020	n/a	40	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	7/29/2020	n/a	100	ND	
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	7/29/2020	n/a	30	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	7/29/2020	n/a	100	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/29/2020	n/a	100	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	7/29/2020	n/a	10	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	7/29/2020	1.02	3		39.2
MW-3	d	Antimony	7440-36-0	mg/L	7/29/2020	0.00051	0.001		0.00282
MW-3	d	Arsenic	7440-38-2	mg/L	7/29/2020	0.00088	0.002		0.0273
MW-3	d	Barium	7440-39-3	mg/L	7/29/2020	0.00028	0.002		1.69
MW-3	d	Beryllium	7440-41-7	mg/L	7/29/2020	n/a	0.001	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	7/29/2020	0.000049	0.0001	J	0.000091
MW-3	d	Chromium	7440-47-3	mg/L	7/29/2020	0.0011	0.005		0.0262
MW-3	d	Cobalt	7440-48-4	mg/L	7/29/2020	0.000091	0.0005		0.0161
MW-3	d	Copper	7440-50-8	mg/L	7/29/2020	0.0015	0.005	J	0.00181
MW-3	d	Lead	7439-92-1	mg/L	7/29/2020	0.00011	0.0005		0.00573
MW-3	d	Nickel	7440-02-0	mg/L	7/29/2020	0.0019	0.005		0.104
MW-3	d	Selenium	7782-49-2	mg/L	7/29/2020	0.001	0.005	J	0.00107
MW-3	d	Silver	7440-22-4	mg/L	7/29/2020	n/a	0.001	ND	
MW-3	d	Thallium	7440-28-0	mg/L	7/29/2020	n/a	0.001	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	7/29/2020	0.00085	0.005		0.0108
MW-3	d	Zinc	7440-66-6	mg/L	7/29/2020	0.01	0.02		0.0768
MW-3	d	Tin	7440-31-5	mg/L	7/29/2020	0.0024	0.005		0.00504
MW-3	d	Acetone	67-64-1	ug/L	7/29/2020	31	100	J	35.6
MW-3	d	Acrylonitrile	107-13-1	ug/L	7/29/2020	n/a	100	ND	
MW-3	d	Benzene	71-43-2	ug/L	7/29/2020	2.2	5	J	3.58
MW-3	d	Bromochloromethane	74-97-5	ug/L	7/29/2020	n/a	50	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Bromoform	75-25-2	ug/L	7/29/2020	n/a	50	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	7/29/2020	n/a	20	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	7/29/2020	n/a	40	ND	
MW-3	d	Chloroform	67-66-3	ug/L	7/29/2020	n/a	30	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	7/29/2020	n/a	50	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/29/2020	n/a	12	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/29/2020	n/a	3.4	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/29/2020	n/a	100	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	7/29/2020	n/a	20	ND	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/29/2020	n/a	50	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/29/2020	n/a	50	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	7/29/2020	3.1	10		13.1
MW-3	d	2-Hexanone	591-78-6	ug/L	7/29/2020	n/a	100	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	7/29/2020	n/a	40	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	7/29/2020	n/a	30	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	7/29/2020	n/a	100	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	7/29/2020	n/a	50	ND	
MW-3	d	Styrene	100-42-5	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/29/2020	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Toluene	108-88-3	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	7/29/2020	n/a	40	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	7/29/2020	n/a	100	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	7/29/2020	4	30	J	20.1
MW-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	2,4-Dimethylphenol	105-67-9	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	7/29/2020	n/a	100	ND	
MW-3	d	2-Methylnaphthalene	91-57-6	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	2-Naphthylamine	91-59-8	ug/L	7/29/2020	0.86	10	J	2.5
MW-3	d	4,4'-DDD	72-54-8	ug/L	7/29/2020	0.0018	0.032	J	0.00251
MW-3	d	4-Chloroaniline	106-47-8	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Acetophenone	98-86-2	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	alpha-BHC	319-84-6	ug/L	7/29/2020	n/a	0.032	ND	
MW-3	d	beta-BHC	319-85-7	ug/L	7/29/2020	0.0048	0.032	J	0.0264
MW-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Dieldrin	60-57-1	ug/L	7/29/2020	0.002	0.032	J	0.0251
MW-3	d	Diethyl phthalate	84-66-2	ug/L	7/29/2020	1.1	10		10.1
MW-3	d	Dimethyl phthalate	131-11-3	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Di-n-octyl phthalate	117-84-0	ug/L	7/29/2020	n/a	20	ND	
MW-3	d	Endosulfan I	959-98-8	ug/L	7/29/2020	0.002	0.032	J	0.00627
MW-3	d	Endosulfan II	33213-65-9	ug/L	7/29/2020	0.0019	0.032		0.0708
MW-3	d	Endrin aldehyde	7421-93-4	ug/L	7/29/2020	0.0073	0.032	J	0.0193
MW-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	7/29/2020	n/a	0.032	ND	
MW-3	d	Heptachlor	76-44-8	ug/L	7/29/2020	n/a	0.032	ND	
MW-3	d	Heptachlor epoxide	1024-57-3	ug/L	7/29/2020	0.0061	0.032	J	0.0179
MW-3	d	o-Toluidine	95-53-4	ug/L	7/29/2020	0.67	10	J	3.15
MW-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Sulfide	18496-25-8	mg/L	7/29/2020	n/a	10	ND	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	7/29/2020	n/a	100	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	7/29/2020	n/a	10	ND	
MW-3	d	Total Suspended Solids	TSS	mg/L	7/29/2020	5.1	15		94
MW-6A	u	Antimony	7440-36-0	mg/L	7/29/2020	n/a	0.001	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	7/29/2020	n/a	0.002	ND	
MW-6A	u	Barium	7440-39-3	mg/L	7/29/2020	0.00028	0.002		0.361
MW-6A	u	Beryllium	7440-41-7	mg/L	7/29/2020	n/a	0.001	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	7/29/2020	0.000049	0.0001		0.000249
MW-6A	u	Chromium	7440-47-3	mg/L	7/29/2020	n/a	0.005	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	7/29/2020	0.000091	0.0005		0.00054
MW-6A	u	Copper	7440-50-8	mg/L	7/29/2020	n/a	0.005	ND	
MW-6A	u	Lead	7439-92-1	mg/L	7/29/2020	n/a	0.0005	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	7/29/2020	0.0019	0.005		0.00763
MW-6A	u	Selenium	7782-49-2	mg/L	7/29/2020	n/a	0.005	ND	
MW-6A	u	Silver	7440-22-4	mg/L	7/29/2020	n/a	0.001	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	7/29/2020	n/a	0.001	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	7/29/2020	n/a	0.005	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	7/29/2020	n/a	0.02	ND	
MW-6A	u	Acetone	67-64-1	ug/L	7/29/2020	n/a	10	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	7/29/2020	n/a	10	ND	
MW-6A	u	Benzene	71-43-2	ug/L	7/29/2020	n/a	0.5	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	7/29/2020	n/a	5	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	7/29/2020	n/a	5	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	7/29/2020	n/a	2	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	7/29/2020	n/a	4	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	7/29/2020	n/a	3	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	7/29/2020	n/a	5	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	7/29/2020	n/a	1.2	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/29/2020	n/a	0.34	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	7/29/2020	n/a	10	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	7/29/2020	0.22	1	J	0.376
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	7/29/2020	n/a	2	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	7/29/2020	0.21	1	J	0.456
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/29/2020	n/a	5	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/29/2020	n/a	5	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	7/29/2020	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	2-Hexanone	591-78-6	ug/L	7/29/2020	n/a	10	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	7/29/2020	n/a	4	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	7/29/2020	n/a	3	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	7/29/2020	n/a	10	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	7/29/2020	n/a	5	ND	
MW-6A	u	Styrene	100-42-5	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Toluene	108-88-3	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	7/29/2020	n/a	4	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	7/29/2020	n/a	10	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	7/29/2020	n/a	3	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	7/29/2020	n/a	10	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	7/29/2020	n/a	10	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	7/29/2020	n/a	1	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	7/29/2020	0.638	1.88	J	1.5
MW-1	d	Arsenic	7440-38-2	mg/L	11/13/2020	0.00088	0.002		0.00232
MW-1	d	Total Suspended Solids	TSS	mg/L	11/13/2020	n/a	1.88	ND	
MW-1	d	Antimony	7440-36-0	mg/L	3/24/2021	n/a	0.002	ND	
MW-1	d	Arsenic	7440-38-2	mg/L	3/24/2021	0.00075	0.002		0.00605
MW-1	d	Barium	7440-39-3	mg/L	3/24/2021	0.0003	0.002		0.167
MW-1	d	Beryllium	7440-41-7	mg/L	3/24/2021	n/a	0.001	ND	
MW-1	d	Cadmium	7440-43-9	mg/L	3/24/2021	0.000051	0.0001	J	0.000083
MW-1	d	Chromium	7440-47-3	mg/L	3/24/2021	n/a	0.005	ND	
MW-1	d	Cobalt	7440-48-4	mg/L	3/24/2021	0.000091	0.0005		0.00475
MW-1	d	Copper	7440-50-8	mg/L	3/24/2021	n/a	0.005	ND	
MW-1	d	Lead	7439-92-1	mg/L	3/24/2021	n/a	0.0005	ND	
MW-1	d	Nickel	7440-02-0	mg/L	3/24/2021	0.0019	0.005		0.00517
MW-1	d	Selenium	7782-49-2	mg/L	3/24/2021	n/a	0.005	ND	
MW-1	d	Silver	7440-22-4	mg/L	3/24/2021	n/a	0.001	ND	
MW-1	d	Thallium	7440-28-0	mg/L	3/24/2021	n/a	0.001	ND	
MW-1	d	Vanadium	7440-62-2	mg/L	3/24/2021	n/a	0.005	ND	
MW-1	d	Zinc	7440-66-6	mg/L	3/24/2021	n/a	0.02	ND	
MW-1	d	Mercury	7439-97-6	mg/L	3/24/2021	n/a	0.0002	ND	
MW-1	d	Tin	7440-31-5	mg/L	3/24/2021	n/a	0.005	ND	
MW-1	d	Acetone	67-64-1	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	Benzene	71-43-2	ug/L	3/24/2021	n/a	0.5	ND	
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/24/2021	n/a	5	ND	
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Bromoform	75-25-2	ug/L	3/24/2021	n/a	5	ND	
MW-1	d	Carbon disulfide	75-15-0	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2021	n/a	2	ND	
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Chloroethane	75-00-3	ug/L	3/24/2021	n/a	4	ND	
MW-1	d	Chloroform	67-66-3	ug/L	3/24/2021	n/a	3	ND	
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2021	n/a	5	ND	
MW-1	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/24/2021	n/a	1.2	ND	
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2021	n/a	0.34	ND	
MW-1	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2021	n/a	2	ND	
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2021	n/a	5	ND	
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2021	n/a	5	ND	
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	2-Hexanone	591-78-6	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	Bromomethane	74-83-9	ug/L	3/24/2021	n/a	4	ND	
MW-1	d	Chloromethane	74-87-3	ug/L	3/24/2021	n/a	3	ND	
MW-1	d	Iodomethane	74-88-4	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/24/2021	n/a	5	ND	
MW-1	d	Styrene	100-42-5	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Toluene	108-88-3	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2021	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Trichloroethene	79-01-6	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2021	n/a	4	ND	
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Vinyl acetate	108-05-4	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	Vinyl chloride	75-01-4	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/24/2021	n/a	3	ND	
MW-1	d	1,1-Dichloropropene	563-58-6	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/24/2021	n/a	5	ND	
MW-1	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,3-Dichloropropane	142-28-9	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	1,4-Naphthoquinone	130-15-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	1,4-Phenylenediamine	106-50-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	1-Naphthylamine	134-32-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2,2-Dichloropropane	594-20-7	ug/L	3/24/2021	n/a	4	ND	
MW-1	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2,4-D [2C]	94-75-7	ug/L	3/24/2021	n/a	1.02	ND	
MW-1	d	2,4-Dichlorophenol	120-83-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2,4-Dimethylphenol	105-67-9	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2,4-Dinitrophenol	51-28-5	ug/L	3/24/2021	n/a	20.2	ND	
MW-1	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2,6-Dichlorophenol	87-65-0	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2-Acetylaminofluorene	53-96-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2-Butanone	78-93-3	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	2-Chloronaphthalene	91-58-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2-Chlorophenol	95-57-8	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2-Methylnaphthalene	91-57-6	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2-Methylphenol	95-48-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2-Naphthylamine	91-59-8	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2-Nitroaniline	88-74-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2-Nitrophenol	88-75-5	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	3/4-Methylphenol	T-34MP	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	3-Methylcholanthrene	56-49-5	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	3-Nitroaniline	99-09-2	ug/L	3/24/2021	n/a	10.1	ND*	
MW-1	d	4,4'-DDD	72-54-8	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	4,4'-DDE	72-55-9	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	4,4'-DDT	50-29-3	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	4-Aminobiphenyl	92-67-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	4-Chloroaniline	106-47-8	ug/L	3/24/2021	n/a	10.1	ND*	
MW-1	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	4-Nitroaniline	100-01-6	ug/L	3/24/2021	n/a	10.1	ND*1	
MW-1	d	4-Nitrophenol	100-02-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Acenaphthene	83-32-9	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Acenaphthylene	208-96-8	ug/L	3/24/2021	n/a	10.1	ND*	
MW-1	d	Acetonitrile	75-05-8	ug/L	3/24/2021	n/a	10000	ND	
MW-1	d	Acetophenone	98-86-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Acrolein	107-02-8	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	Aldrin	309-00-2	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	3-Chloropropene	107-05-1	ug/L	3/24/2021	n/a	2	ND	
MW-1	d	alpha-BHC	319-84-6	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Anthracene	120-12-7	ug/L	3/24/2021	n/a	10.1	ND*	
MW-1	d	Benzo [a] anthracene	56-55-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Benzo [a] pyrene	50-32-8	ug/L	3/24/2021	n/a	10.1	ND*	
MW-1	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Benzyl alcohol	100-51-6	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	beta-BHC	319-85-7	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Butyl benzyl phthalate	85-68-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Chlordane	57-74-9	ug/L	3/24/2021	n/a	2	ND	
MW-1	d	Chlorobenzilate	510-15-6	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Chloroprene	126-99-8	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Chrysene	218-01-9	ug/L	3/24/2021	n/a	10.1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Cyanide	57-12-5	mg/L	3/24/2021	n/a	0.01	ND	
MW-1	d	delta-BHC	319-86-8	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Diallate [cis or trans]	2303-16-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Dibenzofuran	132-64-9	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Dichlorodifluoromethane	75-71-8	ug/L	3/24/2021	n/a	3	ND	
MW-1	d	Dieldrin	60-57-1	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Diethyl phthalate	84-66-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Dimethoate	60-51-5	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Dimethyl phthalate	131-11-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Di-n-butyl phthalate	84-74-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Di-n-octyl phthalate	117-84-0	ug/L	3/24/2021	n/a	20.2	ND	
MW-1	d	Dinoseb	88-85-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Diphenylamine	122-39-4	ug/L	3/24/2021	n/a	10.1	ND*	
MW-1	d	Disulfoton	298-04-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Endosulfan I	959-98-8	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Endosulfan II	33213-65-9	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Endosulfan sulfate	1031-07-8	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Endrin	72-20-8	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Endrin aldehyde	7421-93-4	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Ethyl Methacrylate	97-63-2	ug/L	3/24/2021	n/a	2	ND	
MW-1	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Famphur	52-85-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Fluoranthene	206-44-0	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Fluorene	86-73-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	gamma-BHC [Lindane]	58-89-9	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Heptachlor	76-44-8	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Heptachlor epoxide	1024-57-3	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Hexachlorobenzene	118-74-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Hexachlorobutadiene	87-68-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Hexachloroethane	67-72-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Hexachloropropene	1888-71-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Isobutanol	78-83-1	mg/L	3/24/2021	n/a	10	ND	
MW-1	d	Isodrin	465-73-6	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Isophorone	78-59-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Isosafrole	120-58-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Kepone	143-50-0	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Methacrylonitrile	126-98-7	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	Methapyrillene	91-80-5	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Methoxychlor	72-43-5	ug/L	3/24/2021	n/a	0.032	ND	
MW-1	d	Methyl Methacrylate	80-62-6	ug/L	3/24/2021	n/a	2	ND	
MW-1	d	Methyl Methanesulfonate	66-27-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Naphthalene	91-20-3	ug/L	3/24/2021	n/a	5	ND	
MW-1	d	Nitrobenzene	98-95-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/24/2021	n/a	10.1	ND*	
MW-1	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	N-Nitrosopiperidine	100-75-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	O,O,O-Triethyl phosphorothioate	126-68-1	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	o-Toluidine	95-53-4	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Parathion-ethyl	56-38-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Parathion-methyl	298-00-0	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	PCB-1016	12674-11-2	ug/L	3/24/2021	n/a	0.8	ND	
MW-1	d	PCB-1221	11104-28-2	ug/L	3/24/2021	n/a	0.8	ND	
MW-1	d	PCB-1232	11141-16-5	ug/L	3/24/2021	n/a	0.8	ND	
MW-1	d	PCB-1242	53469-21-9	ug/L	3/24/2021	n/a	0.8	ND	
MW-1	d	PCB-1248	12672-29-6	ug/L	3/24/2021	n/a	0.8	ND	
MW-1	d	PCB-1254	11097-69-1	ug/L	3/24/2021	n/a	0.8	ND	
MW-1	d	PCB-1260	11096-82-5	ug/L	3/24/2021	n/a	0.8	ND	
MW-1	d	Pentachlorobenzene	608-93-5	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Pentachloronitrobenzene	82-68-8	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Phenacetin	62-44-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Phenanthrene	85-01-8	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Phenol	108-95-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Phorate	298-02-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Pronamide	23950-58-5	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Propionitrile	107-12-0	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	Pyrene	129-00-0	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Safrole	94-59-7	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/24/2021	n/a	1.02	ND	
MW-1	d	Sulfide	18496-25-8	mg/L	3/24/2021	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Thionazin	297-97-2	ug/L	3/24/2021	n/a	10.1	ND	
MW-1	d	Toxaphene	8001-35-2	ug/L	3/24/2021	n/a	2	ND	
MW-1	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/24/2021	n/a	10	ND	
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/24/2021	n/a	1	ND	
MW-1	d	Total Suspended Solids	TSS	mg/L	3/24/2021	0.213	0.625		1.63
MW-1	d	2,4,5-T	93-76-5	ug/L	3/24/2021	n/a	1.02	ND	
MW-28	u	Antimony	7440-36-0	mg/L	3/24/2021	n/a	0.002	ND	
MW-28	u	Arsenic	7440-38-2	mg/L	3/24/2021	n/a	0.002	ND	
MW-28	u	Barium	7440-39-3	mg/L	3/24/2021	0.0003	0.002		0.0644
MW-28	u	Beryllium	7440-41-7	mg/L	3/24/2021	n/a	0.001	ND	
MW-28	u	Cadmium	7440-43-9	mg/L	3/24/2021	0.000051	0.0001		0.000186
MW-28	u	Chromium	7440-47-3	mg/L	3/24/2021	n/a	0.005	ND	
MW-28	u	Cobalt	7440-48-4	mg/L	3/24/2021	n/a	0.0005	ND	
MW-28	u	Copper	7440-50-8	mg/L	3/24/2021	n/a	0.005	ND	
MW-28	u	Lead	7439-92-1	mg/L	3/24/2021	n/a	0.0005	ND	
MW-28	u	Nickel	7440-02-0	mg/L	3/24/2021	0.0019	0.005		0.00739
MW-28	u	Selenium	7782-49-2	mg/L	3/24/2021	0.00096	0.005	J	0.00381
MW-28	u	Silver	7440-22-4	mg/L	3/24/2021	n/a	0.001	ND	
MW-28	u	Thallium	7440-28-0	mg/L	3/24/2021	n/a	0.001	ND	
MW-28	u	Vanadium	7440-62-2	mg/L	3/24/2021	n/a	0.005	ND	
MW-28	u	Zinc	7440-66-6	mg/L	3/24/2021	n/a	0.02	ND	
MW-28	u	Total Suspended Solids	TSS	mg/L	3/24/2021	0.638	1.88	J	0.875
MW-2AR	d	Antimony	7440-36-0	mg/L	3/24/2021	n/a	0.002	ND	
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/24/2021	0.00075	0.002		0.0679
MW-2AR	d	Barium	7440-39-3	mg/L	3/24/2021	0.0003	0.002		0.731
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/24/2021	n/a	0.001	ND	
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/24/2021	n/a	0.0001	ND	
MW-2AR	d	Chromium	7440-47-3	mg/L	3/24/2021	n/a	0.005	ND	
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/24/2021	0.000091	0.0005		0.000862
MW-2AR	d	Copper	7440-50-8	mg/L	3/24/2021	n/a	0.005	ND	
MW-2AR	d	Lead	7439-92-1	mg/L	3/24/2021	n/a	0.0005	ND	
MW-2AR	d	Nickel	7440-02-0	mg/L	3/24/2021	0.0019	0.005		0.0119
MW-2AR	d	Selenium	7782-49-2	mg/L	3/24/2021	n/a	0.005	ND	
MW-2AR	d	Silver	7440-22-4	mg/L	3/24/2021	n/a	0.001	ND	
MW-2AR	d	Thallium	7440-28-0	mg/L	3/24/2021	n/a	0.001	ND	
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/24/2021	0.0011	0.005	J	0.00116
MW-2AR	d	Zinc	7440-66-6	mg/L	3/24/2021	n/a	0.02	ND	
MW-2AR	d	Acetone	67-64-1	ug/L	3/24/2021	n/a	10	ND	
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/24/2021	n/a	10	ND	
MW-2AR	d	Benzene	71-43-2	ug/L	3/24/2021	0.22	0.5	J	0.321
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/24/2021	n/a	5	ND	
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Bromoform	75-25-2	ug/L	3/24/2021	n/a	5	ND	
MW-2AR	d	Carbon disulfide	75-15-0	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2021	n/a	2	ND	
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/24/2021	0.4	1		1.09
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/24/2021	0.79	4	J	0.946
MW-2AR	d	Chloroform	67-66-3	ug/L	3/24/2021	n/a	3	ND	
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2021	n/a	5	ND	
MW-2AR	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/24/2021	n/a	1.2	ND	
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2021	n/a	0.34	ND	
MW-2AR	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/24/2021	n/a	10	ND	
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2021	n/a	2	ND	
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2021	n/a	5	ND	
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2021	n/a	5	ND	
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/24/2021	n/a	10	ND	
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/24/2021	n/a	4	ND	
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/24/2021	n/a	3	ND	
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/24/2021	n/a	10	ND	
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/24/2021	n/a	5	ND	
MW-2AR	d	Styrene	100-42-5	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Toluene	108-88-3	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2021	n/a	4	ND	
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Vinyl acetate	108-05-4	ug/L	3/24/2021	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Vinyl chloride	75-01-4	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/24/2021	n/a	3	ND	
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/24/2021	n/a	10	ND	
MW-2AR	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/24/2021	n/a	10	ND	
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/24/2021	n/a	1	ND	
MW-2AR	d	Total Suspended Solids	TSS	mg/L	3/24/2021	0.283	0.833		63.7
MW-6A	u	Antimony	7440-36-0	mg/L	3/24/2021	n/a	0.002	ND	
MW-6A	u	Arsenic	7440-38-2	mg/L	3/24/2021	n/a	0.002	ND	
MW-6A	u	Barium	7440-39-3	mg/L	3/24/2021	0.0003	0.002		0.331
MW-6A	u	Beryllium	7440-41-7	mg/L	3/24/2021	n/a	0.001	ND	
MW-6A	u	Cadmium	7440-43-9	mg/L	3/24/2021	n/a	0.0001	ND	
MW-6A	u	Chromium	7440-47-3	mg/L	3/24/2021	n/a	0.005	ND	
MW-6A	u	Cobalt	7440-48-4	mg/L	3/24/2021	n/a	0.0005	ND	
MW-6A	u	Copper	7440-50-8	mg/L	3/24/2021	n/a	0.005	ND	
MW-6A	u	Lead	7439-92-1	mg/L	3/24/2021	n/a	0.0005	ND	
MW-6A	u	Nickel	7440-02-0	mg/L	3/24/2021	n/a	0.005	ND	
MW-6A	u	Selenium	7782-49-2	mg/L	3/24/2021	n/a	0.005	ND	
MW-6A	u	Silver	7440-22-4	mg/L	3/24/2021	n/a	0.001	ND	
MW-6A	u	Thallium	7440-28-0	mg/L	3/24/2021	n/a	0.001	ND	
MW-6A	u	Vanadium	7440-62-2	mg/L	3/24/2021	n/a	0.005	ND	
MW-6A	u	Zinc	7440-66-6	mg/L	3/24/2021	n/a	0.02	ND	
MW-6A	u	Acetone	67-64-1	ug/L	3/24/2021	n/a	10	ND	
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/24/2021	n/a	10	ND	
MW-6A	u	Benzene	71-43-2	ug/L	3/24/2021	n/a	0.5	ND	
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/24/2021	n/a	5	ND	
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Bromoform	75-25-2	ug/L	3/24/2021	n/a	5	ND	
MW-6A	u	Carbon disulfide	75-15-0	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/24/2021	n/a	2	ND	
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Chloroethane	75-00-3	ug/L	3/24/2021	n/a	4	ND	
MW-6A	u	Chloroform	67-66-3	ug/L	3/24/2021	n/a	3	ND	
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/24/2021	n/a	5	ND	
MW-6A	u	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/24/2021	n/a	1.2	ND	
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2021	n/a	0.34	ND	
MW-6A	u	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/24/2021	n/a	10	ND	
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/24/2021	n/a	2	ND	
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2021	n/a	5	ND	
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2021	n/a	5	ND	
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/24/2021	n/a	10	ND	
MW-6A	u	Bromomethane	74-83-9	ug/L	3/24/2021	n/a	4	ND	
MW-6A	u	Chloromethane	74-87-3	ug/L	3/24/2021	n/a	3	ND	
MW-6A	u	Iodomethane	74-88-4	ug/L	3/24/2021	n/a	10	ND	
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/24/2021	n/a	5	ND	
MW-6A	u	Styrene	100-42-5	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Toluene	108-88-3	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/24/2021	n/a	4	ND	
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Vinyl acetate	108-05-4	ug/L	3/24/2021	n/a	10	ND	
MW-6A	u	Vinyl chloride	75-01-4	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/24/2021	n/a	3	ND	
MW-6A	u	2-Butanone	78-93-3	ug/L	3/24/2021	n/a	10	ND	
MW-6A	u	4-Methyl-2-pentanone	108-10-1	ug/L	3/24/2021	n/a	10	ND	
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/24/2021	n/a	1	ND	
MW-6A	u	Total Suspended Solids	TSS	mg/L	3/24/2021	0.213	0.625	J	0.25
MW-8R	d	Antimony	7440-36-0	mg/L	3/24/2021	n/a	0.002	ND	
MW-8R	d	Arsenic	7440-38-2	mg/L	3/24/2021	0.00075	0.002		0.00933
MW-8R	d	Barium	7440-39-3	mg/L	3/24/2021	0.0003	0.002		0.0215
MW-8R	d	Beryllium	7440-41-7	mg/L	3/24/2021	n/a	0.001	ND	
MW-8R	d	Cadmium	7440-43-9	mg/L	3/24/2021	n/a	0.0001	ND	
MW-8R	d	Chromium	7440-47-3	mg/L	3/24/2021	n/a	0.005	ND	
MW-8R	d	Cobalt	7440-48-4	mg/L	3/24/2021	0.000091	0.0005		0.0052
MW-8R	d	Copper	7440-50-8	mg/L	3/24/2021	n/a	0.005	ND	
MW-8R	d	Lead	7439-92-1	mg/L	3/24/2021	n/a	0.0005	ND	
MW-8R	d	Nickel	7440-02-0	mg/L	3/24/2021	0.0019	0.005		0.00996

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Selenium	7782-49-2	mg/L	3/24/2021	n/a	0.005	ND	
MW-8R	d	Silver	7440-22-4	mg/L	3/24/2021	n/a	0.001	ND	
MW-8R	d	Thallium	7440-28-0	mg/L	3/24/2021	n/a	0.001	ND	
MW-8R	d	Vanadium	7440-62-2	mg/L	3/24/2021	n/a	0.005	ND	
MW-8R	d	Zinc	7440-66-6	mg/L	3/24/2021	n/a	0.02	ND	
MW-8R	d	Acetone	67-64-1	ug/L	3/24/2021	n/a	10	ND	
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/24/2021	n/a	10	ND	
MW-8R	d	Benzene	71-43-2	ug/L	3/24/2021	n/a	0.5	ND	
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/24/2021	n/a	5	ND	
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Bromoform	75-25-2	ug/L	3/24/2021	n/a	5	ND	
MW-8R	d	2-Butanone	78-93-3	ug/L	3/24/2021	n/a	10	ND	
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/24/2021	n/a	2	ND	
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Chloroethane	75-00-3	ug/L	3/24/2021	n/a	4	ND	
MW-8R	d	Chloroform	67-66-3	ug/L	3/24/2021	n/a	3	ND	
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/24/2021	n/a	5	ND	
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/24/2021	n/a	1.2	ND	
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/24/2021	n/a	0.34	ND	
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/24/2021	n/a	10	ND	
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/24/2021	n/a	2	ND	
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/24/2021	n/a	5	ND	
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/24/2021	n/a	5	ND	
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/24/2021	n/a	10	ND	
MW-8R	d	Bromomethane	74-83-9	ug/L	3/24/2021	n/a	4	ND	
MW-8R	d	Chloromethane	74-87-3	ug/L	3/24/2021	n/a	3	ND	
MW-8R	d	Iodomethane	74-88-4	ug/L	3/24/2021	n/a	10	ND	
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/24/2021	n/a	5	ND	
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/24/2021	n/a	10	ND	
MW-8R	d	Styrene	100-42-5	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Toluene	108-88-3	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/24/2021	n/a	4	ND	
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/24/2021	n/a	10	ND	
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/24/2021	n/a	1	ND	
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/24/2021	n/a	3	ND	
MW-8R	d	Total Suspended Solids	TSS	mg/L	3/24/2021	0.638	1.88		23.3
GDE	d	Antimony	7440-36-0	mg/L	3/26/2021	n/a	0.002	ND	
GDE	d	Arsenic	7440-38-2	mg/L	3/26/2021	n/a	0.002	ND	
GDE	d	Barium	7440-39-3	mg/L	3/26/2021	0.0003	0.002		0.184
GDE	d	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
GDE	d	Cadmium	7440-43-9	mg/L	3/26/2021	n/a	0.0001	ND	
GDE	d	Chromium	7440-47-3	mg/L	3/26/2021	n/a	0.005	ND	
GDE	d	Cobalt	7440-48-4	mg/L	3/26/2021	0.000091	0.0005		0.000958
GDE	d	Copper	7440-50-8	mg/L	3/26/2021	n/a	0.005	ND	
GDE	d	Lead	7439-92-1	mg/L	3/26/2021	n/a	0.0005	ND	
GDE	d	Nickel	7440-02-0	mg/L	3/26/2021	0.0019	0.005		0.0163
GDE	d	Selenium	7782-49-2	mg/L	3/26/2021	n/a	0.005	ND	
GDE	d	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
GDE	d	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
GDE	d	Vanadium	7440-62-2	mg/L	3/26/2021	n/a	0.005	ND	
GDE	d	Zinc	7440-66-6	mg/L	3/26/2021	0.01	0.02		0.0374
GDE	d	Acetone	67-64-1	ug/L	3/26/2021	n/a	10	ND	
GDE	d	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	10	ND	
GDE	d	Benzene	71-43-2	ug/L	3/26/2021	n/a	0.5	ND	
GDE	d	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	5	ND	
GDE	d	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Bromoform	75-25-2	ug/L	3/26/2021	n/a	5	ND	
GDE	d	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	10	ND	
GDE	d	Carbon Disulfide	75-15-0	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	2	ND	
GDE	d	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	4	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDE	d	Chloroform	67-66-3	ug/L	3/26/2021	n/a	3	ND	
GDE	d	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	5	ND	
GDE	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/26/2021	n/a	1.2	ND	
GDE	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	0.34	ND	
GDE	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/26/2021	n/a	10	ND	
GDE	d	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	1	ND	
GDE	d	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	1	ND	
GDE	d	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	2	ND	
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	1	ND	
GDE	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	1	ND	
GDE	d	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	1	ND	
GDE	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	5	ND	
GDE	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	5	ND	
GDE	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	1	ND	
GDE	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Ethylbenzene	100-41-4	ug/L	3/26/2021	n/a	1	ND	
GDE	d	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	10	ND	
GDE	d	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	4	ND	
GDE	d	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	3	ND	
GDE	d	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	10	ND	
GDE	d	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	5	ND	
GDE	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/26/2021	n/a	10	ND	
GDE	d	Styrene	100-42-5	ug/L	3/26/2021	n/a	1	ND	
GDE	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	1	ND	
GDE	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Toluene	108-88-3	ug/L	3/26/2021	n/a	1	ND	
GDE	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	1	ND	
GDE	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	4	ND	
GDE	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Vinyl Acetate	108-05-4	ug/L	3/26/2021	n/a	10	ND	
GDE	d	Vinyl Chloride	75-01-4	ug/L	3/26/2021	n/a	1	ND	
GDE	d	Xylenes, total	1330-20-7	ug/L	3/26/2021	n/a	3	ND	
GDE	d	Total Suspended Solids	TSS	mg/L	3/26/2021	1.7	5		12.3
GDW	d	Antimony	7440-36-0	mg/L	3/26/2021	n/a	0.002	ND	
GDW	d	Arsenic	7440-38-2	mg/L	3/26/2021	n/a	0.002	ND	
GDW	d	Barium	7440-39-3	mg/L	3/26/2021	0.0003	0.002		0.101
GDW	d	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
GDW	d	Cadmium	7440-43-9	mg/L	3/26/2021	0.000051	0.0001	J	0.00006
GDW	d	Chromium	7440-47-3	mg/L	3/26/2021	n/a	0.005	ND	
GDW	d	Cobalt	7440-48-4	mg/L	3/26/2021	0.000091	0.0005	J	0.000342
GDW	d	Copper	7440-50-8	mg/L	3/26/2021	0.0014	0.005	J	0.00473
GDW	d	Lead	7439-92-1	mg/L	3/26/2021	n/a	0.0005	ND	
GDW	d	Nickel	7440-02-0	mg/L	3/26/2021	0.0019	0.005	J	0.00414
GDW	d	Selenium	7782-49-2	mg/L	3/26/2021	n/a	0.005	ND	
GDW	d	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
GDW	d	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
GDW	d	Vanadium	7440-62-2	mg/L	3/26/2021	n/a	0.005	ND	
GDW	d	Zinc	7440-66-6	mg/L	3/26/2021	0.01	0.02	J	0.0178
GDW	d	Acetone	67-64-1	ug/L	3/26/2021	n/a	10	ND	
GDW	d	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	10	ND	
GDW	d	Benzene	71-43-2	ug/L	3/26/2021	n/a	0.5	ND	
GDW	d	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	5	ND	
GDW	d	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Bromoform	75-25-2	ug/L	3/26/2021	n/a	5	ND	
GDW	d	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	10	ND	
GDW	d	Carbon Disulfide	75-15-0	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	2	ND	
GDW	d	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	4	ND	
GDW	d	Chloroform	67-66-3	ug/L	3/26/2021	n/a	3	ND	
GDW	d	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	5	ND	
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/26/2021	n/a	1.2	ND	
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	0.34	ND	
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/26/2021	n/a	10	ND	
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	1	ND	
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	1	ND	
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	2	ND	
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	1	ND	
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	1	ND	
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	1	ND	
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	5	ND	
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	5	ND	
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	1	ND	
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Ethylbenzene	100-41-4	ug/L	3/26/2021	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDW	d	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	10	ND	
GDW	d	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	4	ND	
GDW	d	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	3	ND	
GDW	d	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	10	ND	
GDW	d	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	5	ND	
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/26/2021	n/a	10	ND	
GDW	d	Styrene	100-42-5	ug/L	3/26/2021	n/a	1	ND	
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	1	ND	
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Toluene	108-88-3	ug/L	3/26/2021	n/a	1	ND	
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	1	ND	
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	4	ND	
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Vinyl Acetate	108-05-4	ug/L	3/26/2021	n/a	10	ND	
GDW	d	Vinyl Chloride	75-01-4	ug/L	3/26/2021	n/a	1	ND	
GDW	d	Xylenes, total	1330-20-7	ug/L	3/26/2021	n/a	3	ND	
GDW	d	Total Suspended Solids	TSS	mg/L	3/26/2021	n/a	1.88	ND	
MW-12	d	Antimony	7440-36-0	mg/L	3/26/2021	n/a	0.002	ND	
MW-12	d	Arsenic	7440-38-2	mg/L	3/26/2021	n/a	0.002	ND	
MW-12	d	Barium	7440-39-3	mg/L	3/26/2021	0.0003	0.002		0.0692
MW-12	d	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
MW-12	d	Cadmium	7440-43-9	mg/L	3/26/2021	0.000051	0.0001	J	0.000051
MW-12	d	Chromium	7440-47-3	mg/L	3/26/2021	n/a	0.005	ND	
MW-12	d	Cobalt	7440-48-4	mg/L	3/26/2021	0.000091	0.0005	J	0.000278
MW-12	d	Copper	7440-50-8	mg/L	3/26/2021	n/a	0.005	ND	
MW-12	d	Lead	7439-92-1	mg/L	3/26/2021	n/a	0.0005	ND	
MW-12	d	Nickel	7440-02-0	mg/L	3/26/2021	0.0019	0.005		0.0139
MW-12	d	Selenium	7782-49-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-12	d	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
MW-12	d	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
MW-12	d	Vanadium	7440-62-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-12	d	Zinc	7440-66-6	mg/L	3/26/2021	n/a	0.02	ND	
MW-12	d	Acetone	67-64-1	ug/L	3/26/2021	n/a	10	ND	
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	10	ND	
MW-12	d	Benzene	71-43-2	ug/L	3/26/2021	n/a	0.5	ND	
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	5	ND	
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Bromoform	75-25-2	ug/L	3/26/2021	n/a	5	ND	
MW-12	d	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	10	ND	
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	2	ND	
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	4	ND	
MW-12	d	Chloroform	67-66-3	ug/L	3/26/2021	n/a	3	ND	
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	5	ND	
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/26/2021	n/a	1.2	ND	
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	0.34	ND	
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/26/2021	n/a	10	ND	
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	2	ND	
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	5	ND	
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	5	ND	
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	10	ND	
MW-12	d	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	4	ND	
MW-12	d	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	3	ND	
MW-12	d	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	10	ND	
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	5	ND	
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/26/2021	n/a	10	ND	
MW-12	d	Styrene	100-42-5	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Toluene	108-88-3	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	4	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/26/2021	n/a	10	ND	
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/26/2021	n/a	1	ND	
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/26/2021	n/a	3	ND	
MW-12	d	Total Suspended Solids	TSS	mg/L	3/26/2021	n/a	5	ND	
MW-13	d	Antimony	7440-36-0	mg/L	3/26/2021	n/a	0.002	ND	
MW-13	d	Arsenic	7440-38-2	mg/L	3/26/2021	0.00075	0.002		0.0348
MW-13	d	Barium	7440-39-3	mg/L	3/26/2021	0.0003	0.002		0.321
MW-13	d	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
MW-13	d	Cadmium	7440-43-9	mg/L	3/26/2021	n/a	0.0001	ND	
MW-13	d	Chromium	7440-47-3	mg/L	3/26/2021	n/a	0.005	ND	
MW-13	d	Cobalt	7440-48-4	mg/L	3/26/2021	0.000091	0.0005		0.0095
MW-13	d	Copper	7440-50-8	mg/L	3/26/2021	n/a	0.005	ND	
MW-13	d	Lead	7439-92-1	mg/L	3/26/2021	n/a	0.0005	ND	
MW-13	d	Nickel	7440-02-0	mg/L	3/26/2021	0.0019	0.005		0.0177
MW-13	d	Selenium	7782-49-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-13	d	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
MW-13	d	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
MW-13	d	Vanadium	7440-62-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-13	d	Zinc	7440-66-6	mg/L	3/26/2021	n/a	0.02	ND	
MW-13	d	Acetone	67-64-1	ug/L	3/26/2021	n/a	10	ND	
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	10	ND	
MW-13	d	Benzene	71-43-2	ug/L	3/26/2021	n/a	0.5	ND	
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	5	ND	
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Bromoform	75-25-2	ug/L	3/26/2021	n/a	5	ND	
MW-13	d	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	10	ND	
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/26/2021	n/a	1	ND*+	
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	2	ND	
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	4	ND	
MW-13	d	Chloroform	67-66-3	ug/L	3/26/2021	n/a	3	ND	
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	5	ND	
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/26/2021	n/a	1.2	ND	
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	0.34	ND	
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/26/2021	n/a	10	ND	
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	2	ND*+	
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	5	ND	
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	5	ND	
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	10	ND	
MW-13	d	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	4	ND	
MW-13	d	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	3	ND	
MW-13	d	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	10	ND	
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	5	ND	
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/26/2021	n/a	10	ND	
MW-13	d	Styrene	100-42-5	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Toluene	108-88-3	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	4	ND	
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/26/2021	n/a	10	ND	
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/26/2021	n/a	1	ND	
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/26/2021	n/a	3	ND	
MW-13	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/26/2021	n/a	10.5	ND	
MW-13	d	Sulfide	18496-25-8	mg/L	3/26/2021	n/a	10	NDHF1	
MW-13	d	Heptachlor Epoxide	1024-57-3	ug/L	3/26/2021	n/a	0.0337	ND	
MW-13	d	Total Suspended Solids	TSS	mg/L	3/26/2021	2.55	7.5		24.5
MW-14	d	Antimony	7440-36-0	mg/L	3/26/2021	n/a	0.002	ND	
MW-14	d	Arsenic	7440-38-2	mg/L	3/26/2021	0.00075	0.002		0.0134
MW-14	d	Barium	7440-39-3	mg/L	3/26/2021	0.0003	0.002		0.24
MW-14	d	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
MW-14	d	Cadmium	7440-43-9	mg/L	3/26/2021	n/a	0.0001	ND	
MW-14	d	Chromium	7440-47-3	mg/L	3/26/2021	n/a	0.005	ND	
MW-14	d	Cobalt	7440-48-4	mg/L	3/26/2021	0.000091	0.0005		0.000996
MW-14	d	Copper	7440-50-8	mg/L	3/26/2021	n/a	0.005	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Lead	7439-92-1	mg/L	3/26/2021	n/a	0.0005	ND	
MW-14	d	Nickel	7440-02-0	mg/L	3/26/2021	0.0019	0.005		0.00664
MW-14	d	Selenium	7782-49-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-14	d	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
MW-14	d	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
MW-14	d	Vanadium	7440-62-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-14	d	Zinc	7440-66-6	mg/L	3/26/2021	n/a	0.02	ND	
MW-14	d	Acetone	67-64-1	ug/L	3/26/2021	n/a	10	ND	
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	10	ND	
MW-14	d	Benzene	71-43-2	ug/L	3/26/2021	n/a	0.5	ND	
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	5	ND	
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Bromoform	75-25-2	ug/L	3/26/2021	n/a	5	ND	
MW-14	d	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	10	ND	
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/26/2021	n/a	1	ND*+	
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	2	ND	
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	4	ND	
MW-14	d	Chloroform	67-66-3	ug/L	3/26/2021	n/a	3	ND	
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	5	ND	
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/26/2021	n/a	1.2	ND	
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	0.34	ND	
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/26/2021	n/a	10	ND	
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	2	ND*+	
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	5	ND	
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	5	ND	
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	10	ND	
MW-14	d	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	4	ND	
MW-14	d	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	3	ND	
MW-14	d	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	10	ND	
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	5	ND	
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/26/2021	n/a	10	ND	
MW-14	d	Styrene	100-42-5	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Toluene	108-88-3	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	4	ND	
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/26/2021	n/a	10	ND	
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/26/2021	n/a	1	ND	
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/26/2021	n/a	3	ND	
MW-14	d	2,4-Dichlorophenol	120-83-2	ug/L	3/26/2021	n/a	10	ND	
MW-14	d	Alpha-BHC	319-84-6	ug/L	3/26/2021	n/a	0.0323	ND	
MW-14	d	Total Suspended Solids	TSS	mg/L	3/26/2021	5.1	15		32
MW-16	d	Antimony	7440-36-0	mg/L	3/26/2021	n/a	0.002	ND	
MW-16	d	Arsenic	7440-38-2	mg/L	3/26/2021	0.00075	0.002		0.0035
MW-16	d	Barium	7440-39-3	mg/L	3/26/2021	0.0003	0.002		0.0682
MW-16	d	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
MW-16	d	Cadmium	7440-43-9	mg/L	3/26/2021	0.000051	0.0001	J	0.000098
MW-16	d	Chromium	7440-47-3	mg/L	3/26/2021	n/a	0.005	ND	
MW-16	d	Cobalt	7440-48-4	mg/L	3/26/2021	0.000091	0.0005	J	0.000424
MW-16	d	Copper	7440-50-8	mg/L	3/26/2021	n/a	0.005	ND	
MW-16	d	Lead	7439-92-1	mg/L	3/26/2021	0.00021	0.0005	J	0.000225
MW-16	d	Nickel	7440-02-0	mg/L	3/26/2021	0.0019	0.005	J	0.00387
MW-16	d	Selenium	7782-49-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-16	d	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
MW-16	d	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
MW-16	d	Vanadium	7440-62-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-16	d	Zinc	7440-66-6	mg/L	3/26/2021	n/a	0.02	ND	
MW-16	d	Acetone	67-64-1	ug/L	3/26/2021	n/a	10	ND	
MW-16	d	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	10	ND	
MW-16	d	Benzene	71-43-2	ug/L	3/26/2021	n/a	0.5	ND	
MW-16	d	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	5	ND	
MW-16	d	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Bromoform	75-25-2	ug/L	3/26/2021	n/a	5	ND	
MW-16	d	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	10	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Carbon Disulfide	75-15-0	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	2	ND	
MW-16	d	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	4	ND	
MW-16	d	Chloroform	67-66-3	ug/L	3/26/2021	n/a	3	ND	
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	5	ND	
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/26/2021	n/a	1.2	ND	
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	0.34	ND	
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/26/2021	n/a	10	ND	
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	2	ND	
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	5	ND	
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	5	ND	
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Ethylbenzene	100-41-4	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	10	ND	
MW-16	d	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	4	ND	
MW-16	d	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	3	ND	
MW-16	d	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	10	ND	
MW-16	d	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	5	ND	
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/26/2021	n/a	10	ND	
MW-16	d	Styrene	100-42-5	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Toluene	108-88-3	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	4	ND	
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Vinyl Acetate	108-05-4	ug/L	3/26/2021	n/a	10	ND	
MW-16	d	Vinyl Chloride	75-01-4	ug/L	3/26/2021	n/a	1	ND	
MW-16	d	Xylenes, total	1330-20-7	ug/L	3/26/2021	n/a	3	ND	
MW-16	d	Total Suspended Solids	TSS	mg/L	3/26/2021	2.55	7.5		25.5
MW-3	d	Antimony	7440-36-0	mg/L	3/26/2021	0.0011	0.002		0.00315
MW-3	d	Arsenic	7440-38-2	mg/L	3/26/2021	0.00075	0.002		0.0232
MW-3	d	Barium	7440-39-3	mg/L	3/26/2021	0.0012	0.008		2.4
MW-3	d	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/26/2021	0.000051	0.0001	J	0.000093
MW-3	d	Chromium	7440-47-3	mg/L	3/26/2021	0.0011	0.005		0.0309
MW-3	d	Cobalt	7440-48-4	mg/L	3/26/2021	0.000091	0.0005		0.0149
MW-3	d	Copper	7440-50-8	mg/L	3/26/2021	0.0014	0.005	J	0.00185
MW-3	d	Lead	7439-92-1	mg/L	3/26/2021	0.00021	0.0005		0.00948
MW-3	d	Nickel	7440-02-0	mg/L	3/26/2021	0.0019	0.005		0.114
MW-3	d	Selenium	7782-49-2	mg/L	3/26/2021	0.00096	0.005	J	0.00121
MW-3	d	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/26/2021	0.0011	0.005		0.0144
MW-3	d	Zinc	7440-66-6	mg/L	3/26/2021	0.01	0.02		0.093
MW-3	d	Tin	7440-31-5	mg/L	3/26/2021	0.003	0.005		0.00725
MW-3	d	Acetone	67-64-1	ug/L	3/26/2021	31	100	J	45.5
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/26/2021	2.2	5	J	4.3
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	Carbon disulfide	75-15-0	ug/L	3/26/2021	n/a	10	ND**	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	20	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	40	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/26/2021	n/a	30	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	1,2-Dibromo-3-chloropropane	96-12-8	ug/L	3/26/2021	n/a	12	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	3.4	ND	
MW-3	d	trans-1,4-Dichloro-2-butene	110-57-6	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	20	ND**	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	50	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/26/2021	3.1	10		13
MW-3	d	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	40	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	30	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	40	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Vinyl acetate	108-05-4	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Vinyl chloride	75-01-4	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/26/2021	4	30		34.7
MW-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	2,4-Dimethylphenol	105-67-9	ug/L	3/26/2021	1.05	10.5	J	1.6
MW-3	d	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	2-Methylnaphthalene	91-57-6	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	2-Naphthylamine	91-59-8	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	4,4'-DDD	72-54-8	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	4-Chloroaniline	106-47-8	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	Acetophenone	98-86-2	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	alpha-BHC	319-84-6	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	beta-BHC	319-85-7	ug/L	3/26/2021	0.0048	0.032	JP	0.0141
MW-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	delta-BHC	319-86-8	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	Dieldrin	60-57-1	ug/L	3/26/2021	0.002	0.032	JP	0.0094
MW-3	d	Dimethyl phthalate	131-11-3	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	Di-n-octyl phthalate	117-84-0	ug/L	3/26/2021	n/a	21.1	ND	
MW-3	d	Endosulfan I	959-98-8	ug/L	3/26/2021	0.002	0.032	P	0.0944
MW-3	d	Endosulfan II	33213-65-9	ug/L	3/26/2021	0.0019	0.032	JP	0.0127
MW-3	d	Endrin aldehyde	7421-93-4	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	gamma-BHC [Lindane]	58-89-9	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	Heptachlor	76-44-8	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	Heptachlor epoxide	1024-57-3	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	o-Toluidine	95-53-4	ug/L	3/26/2021	0.705	10.5	J	1.72
MW-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/26/2021	n/a	10.5	ND*	
MW-3	d	Sulfide	18496-25-8	mg/L	3/26/2021	n/a	60	NDH	
MW-3	d	4-Methyl-2-pentanone	108-10-1	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Antimony	7440-36-0	mg/L	3/26/2021	0.0011	0.002		0.00315
MW-3	d	Arsenic	7440-38-2	mg/L	3/26/2021	0.00075	0.002		0.0232
MW-3	d	Barium	7440-39-3	mg/L	3/26/2021	0.0012	0.008		2.4
MW-3	d	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
MW-3	d	Cadmium	7440-43-9	mg/L	3/26/2021	0.000051	0.0001	J	0.000093
MW-3	d	Chromium	7440-47-3	mg/L	3/26/2021	0.0011	0.005		0.0309
MW-3	d	Cobalt	7440-48-4	mg/L	3/26/2021	0.000091	0.0005		0.0149
MW-3	d	Copper	7440-50-8	mg/L	3/26/2021	0.0014	0.005	J	0.00185
MW-3	d	Lead	7439-92-1	mg/L	3/26/2021	0.00021	0.0005		0.00948
MW-3	d	Nickel	7440-02-0	mg/L	3/26/2021	0.0019	0.005		0.114
MW-3	d	Selenium	7782-49-2	mg/L	3/26/2021	0.00096	0.005	J	0.00121
MW-3	d	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
MW-3	d	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
MW-3	d	Vanadium	7440-62-2	mg/L	3/26/2021	0.0011	0.005		0.0144
MW-3	d	Zinc	7440-66-6	mg/L	3/26/2021	0.01	0.02		0.093
MW-3	d	Acetone	67-64-1	ug/L	3/26/2021	31	100	J	45.5
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Benzene	71-43-2	ug/L	3/26/2021	2.2	5	J	4.3
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Bromoform	75-25-2	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Carbon Disulfide	75-15-0	ug/L	3/26/2021	n/a	10	ND*+	
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	20	ND	
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	40	ND	
MW-3	d	Chloroform	67-66-3	ug/L	3/26/2021	n/a	30	ND	
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/26/2021	n/a	12	ND	
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	3.4	ND	
MW-3	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/26/2021	n/a	100	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	20	ND*+	
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/26/2021	3.1	10		13
MW-3	d	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	40	ND	
MW-3	d	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	30	ND	
MW-3	d	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	50	ND	
MW-3	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Styrene	100-42-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Toluene	108-88-3	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	40	ND	
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Vinyl Acetate	108-05-4	ug/L	3/26/2021	n/a	100	ND	
MW-3	d	Vinyl Chloride	75-01-4	ug/L	3/26/2021	n/a	10	ND	
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/26/2021	4	30		34.7
MW-3	d	Tin	7440-31-5	mg/L	3/26/2021	0.003	0.005		0.00725
MW-3	d	Acetophenone	98-86-2	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	4-Chloroaniline	106-47-8	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	2,4-Dimethylphenol	105-67-9	ug/L	3/26/2021	1.05	10.5	J	1.6
MW-3	d	Dimethyl phthalate	131-11-3	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	Di-n-octyl phthalate	117-84-0	ug/L	3/26/2021	n/a	21.1	ND	
MW-3	d	2-Methylnaphthalene	91-57-6	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	2-Naphthylamine	91-59-8	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/26/2021	n/a	10.5	ND*-	
MW-3	d	o-Toluidine	95-53-4	ug/L	3/26/2021	0.705	10.5	J	1.72
MW-3	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/26/2021	n/a	10.5	ND	
MW-3	d	Sulfide	18496-25-8	mg/L	3/26/2021	n/a	60	NDH	
MW-3	d	Alpha-BHC	319-84-6	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	Beta-BHC	319-85-7	ug/L	3/26/2021	0.0048	0.032	JP	0.0141
MW-3	d	Dieldrin	60-57-1	ug/L	3/26/2021	0.002	0.032	JP	0.0094
MW-3	d	Delta-BHC	319-86-8	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	Endosulfan II	33213-65-9	ug/L	3/26/2021	0.0019	0.032	JP	0.0127
MW-3	d	Heptachlor	76-44-8	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	4,4'-DDD	72-54-8	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	Heptachlor Epoxide	1024-57-3	ug/L	3/26/2021	n/a	0.032	ND	
MW-3	d	Endosulfan I	959-98-8	ug/L	3/26/2021	0.002	0.032	P	0.0944
MW-3	d	Endrin aldehyde	7421-93-4	ug/L	3/26/2021	n/a	0.032	ND	
MW-5AR	u	Antimony	7440-36-0	mg/L	3/26/2021	n/a	0.002	ND	
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/26/2021	n/a	0.002	ND	
MW-5AR	u	Barium	7440-39-3	mg/L	3/26/2021	0.0003	0.002		0.0386
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/26/2021	n/a	0.0001	ND	
MW-5AR	u	Chromium	7440-47-3	mg/L	3/26/2021	n/a	0.005	ND	
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/26/2021	n/a	0.0005	ND	
MW-5AR	u	Copper	7440-50-8	mg/L	3/26/2021	n/a	0.005	ND	
MW-5AR	u	Lead	7439-92-1	mg/L	3/26/2021	n/a	0.0005	ND	
MW-5AR	u	Nickel	7440-02-0	mg/L	3/26/2021	n/a	0.005	ND	
MW-5AR	u	Selenium	7782-49-2	mg/L	3/26/2021	0.00096	0.005	J	0.00237
MW-5AR	u	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
MW-5AR	u	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-5AR	u	Zinc	7440-66-6	mg/L	3/26/2021	n/a	0.02	ND	
MW-5AR	u	Acetone	67-64-1	ug/L	3/26/2021	n/a	10	ND	
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	10	ND	
MW-5AR	u	Benzene	71-43-2	ug/L	3/26/2021	n/a	0.5	ND	
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	5	ND	
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Bromoform	75-25-2	ug/L	3/26/2021	n/a	5	ND	
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	10	ND	
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	2	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	4	ND	
MW-5AR	u	Chloroform	67-66-3	ug/L	3/26/2021	n/a	3	ND	
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	5	ND	
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/26/2021	n/a	1.2	ND	
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	0.34	ND	
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/26/2021	n/a	10	ND	
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	2	ND	
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	5	ND	
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	5	ND	
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	10	ND	
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	4	ND	
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	3	ND	
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	10	ND	
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	5	ND	
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/26/2021	n/a	10	ND	
MW-5AR	u	Styrene	100-42-5	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Toluene	108-88-3	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	4	ND	
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/26/2021	n/a	10	ND	
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/26/2021	n/a	1	ND	
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/26/2021	n/a	3	ND	
MW-5AR	u	Total Suspended Solids	TSS	mg/L	3/26/2021	0.638	1.88	J	1.5
MW-9B	d	Antimony	7440-36-0	mg/L	3/26/2021	n/a	0.002	ND	
MW-9B	d	Arsenic	7440-38-2	mg/L	3/26/2021	0.00075	0.002		0.00271
MW-9B	d	Barium	7440-39-3	mg/L	3/26/2021	0.0003	0.002		0.0202
MW-9B	d	Beryllium	7440-41-7	mg/L	3/26/2021	n/a	0.001	ND	
MW-9B	d	Cadmium	7440-43-9	mg/L	3/26/2021	n/a	0.0001	ND	
MW-9B	d	Chromium	7440-47-3	mg/L	3/26/2021	n/a	0.005	ND	
MW-9B	d	Cobalt	7440-48-4	mg/L	3/26/2021	0.000091	0.0005		0.000636
MW-9B	d	Copper	7440-50-8	mg/L	3/26/2021	n/a	0.005	ND	
MW-9B	d	Lead	7439-92-1	mg/L	3/26/2021	n/a	0.0005	ND	
MW-9B	d	Nickel	7440-02-0	mg/L	3/26/2021	n/a	0.005	ND	
MW-9B	d	Selenium	7782-49-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-9B	d	Silver	7440-22-4	mg/L	3/26/2021	n/a	0.001	ND	
MW-9B	d	Thallium	7440-28-0	mg/L	3/26/2021	n/a	0.001	ND	
MW-9B	d	Vanadium	7440-62-2	mg/L	3/26/2021	n/a	0.005	ND	
MW-9B	d	Zinc	7440-66-6	mg/L	3/26/2021	n/a	0.02	ND	
MW-9B	d	Acetone	67-64-1	ug/L	3/26/2021	n/a	10	ND	
MW-9B	d	Acrylonitrile	107-13-1	ug/L	3/26/2021	n/a	10	ND	
MW-9B	d	Benzene	71-43-2	ug/L	3/26/2021	n/a	0.5	ND	
MW-9B	d	Bromochloromethane	74-97-5	ug/L	3/26/2021	n/a	5	ND	
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Bromoform	75-25-2	ug/L	3/26/2021	n/a	5	ND	
MW-9B	d	2-Butanone	78-93-3	ug/L	3/26/2021	n/a	10	ND	
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	3/26/2021	n/a	1	NDF1	
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	3/26/2021	n/a	2	ND	
MW-9B	d	Chlorobenzene	108-90-7	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Chloroethane	75-00-3	ug/L	3/26/2021	n/a	4	ND	
MW-9B	d	Chloroform	67-66-3	ug/L	3/26/2021	n/a	3	ND	
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	3/26/2021	n/a	5	ND	
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/26/2021	n/a	1.2	ND	
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/26/2021	n/a	0.34	ND	
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/26/2021	n/a	10	ND	
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	3/26/2021	n/a	2	ND*+	
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/26/2021	n/a	5	ND	
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/26/2021	n/a	5	ND	
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/26/2021	n/a	1	ND	

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Ethylbenzene	100-41-4	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	2-Hexanone	591-78-6	ug/L	3/26/2021	n/a	10	ND	
MW-9B	d	Bromomethane	74-83-9	ug/L	3/26/2021	n/a	4	ND	
MW-9B	d	Chloromethane	74-87-3	ug/L	3/26/2021	n/a	3	ND	
MW-9B	d	Iodomethane	74-88-4	ug/L	3/26/2021	n/a	10	ND	
MW-9B	d	Methylene Bromide	74-95-3	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Methylene Chloride	75-09-2	ug/L	3/26/2021	n/a	5	ND	
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/26/2021	n/a	10	ND	
MW-9B	d	Styrene	100-42-5	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Toluene	108-88-3	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Trichloroethene	79-01-6	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	3/26/2021	n/a	4	ND	
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	3/26/2021	n/a	10	ND	
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	3/26/2021	n/a	1	ND	
MW-9B	d	Xylenes, total	1330-20-7	ug/L	3/26/2021	n/a	3	ND	
MW-9B	d	Total Suspended Solids	TSS	mg/L	3/26/2021	2.55	7.5		13
GDE	d	Antimony	7440-36-0	mg/L	11/10/2021	0.00110	0.00200		<0.00110
GDE	d	Arsenic	7440-38-2	mg/L	11/10/2021	0.000750	0.00200		<0.000750
GDE	d	Barium	7440-39-3	mg/L	11/10/2021	0.000370	0.00200		0.142
GDE	d	Beryllium	7440-41-7	mg/L	11/10/2021	0.000270	0.00100		<0.000270
GDE	d	Cadmium	7440-43-9	mg/L	11/10/2021	0.0000510	0.000100		<0.0000510
GDE	d	Chromium	7440-47-3	mg/L	11/10/2021	0.00110	0.00500		<0.00110
GDE	d	Cobalt	7440-48-4	mg/L	11/10/2021	0.000190	0.000500		0.000543
GDE	d	Copper	7440-50-8	mg/L	11/10/2021	0.00140	0.00500		<0.00140
GDE	d	Lead	7439-92-1	mg/L	11/10/2021	0.000210	0.000500		<0.000210
GDE	d	Nickel	7440-02-0	mg/L	11/10/2021	0.00190	0.00500		0.00656
GDE	d	Selenium	7782-49-2	mg/L	11/10/2021	0.000960	0.00500		<0.000960
GDE	d	Silver	7440-22-4	mg/L	11/10/2021	0.000420	0.00100		<0.000420
GDE	d	Thallium	7440-28-0	mg/L	11/10/2021	0.000260	0.00100		<0.000260
GDE	d	Vanadium	7440-62-2	mg/L	11/10/2021	0.00110	0.00500	J	0.00154
GDE	d	Zinc	7440-66-6	mg/L	11/10/2021	0.0100	0.0200		<0.0100
GDE	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/10/2021	0.380	1.00		<0.380
GDE	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/10/2021	0.190	1.00		<0.190
GDE	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/10/2021	0.470	1.00		<0.470
GDE	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/10/2021	0.450	1.00		<0.450
GDE	d	1,1-Dichloroethane	75-34-3	ug/L	11/10/2021	0.220	1.00		<0.220
GDE	d	1,1-Dichloroethene	75-35-4	ug/L	11/10/2021	0.560	2.00		<0.560
GDE	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/10/2021	0.590	1.00		<0.590
GDE	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/10/2021	1.20	1.20		<1.20
GDE	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/10/2021	0.340	0.340		<0.340
GDE	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/10/2021	0.370	1.00		<0.370
GDE	d	1,2-Dichloroethane	107-06-2	ug/L	11/10/2021	0.390	1.00		<0.390
GDE	d	1,2-Dichloropropane	78-87-5	ug/L	11/10/2021	0.270	1.00		<0.270
GDE	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/10/2021	0.230	1.00		<0.230
GDE	d	2-Butanone	78-93-3	ug/L	11/10/2021	2.10	10.0		<2.10
GDE	d	2-Hexanone	591-78-6	ug/L	11/10/2021	2.00	10.0		<2.00
GDE	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/10/2021	2.10	10.0		<2.10
GDE	d	Acetone	67-64-1	ug/L	11/10/2021	3.10	10.0		<3.10
GDE	d	Acrylonitrile	107-13-1	ug/L	11/10/2021	2.20	10.0		<2.20
GDE	d	Benzene	71-43-2	ug/L	11/10/2021	0.220	0.500		<0.220
GDE	d	Bromochloromethane	74-97-5	ug/L	11/10/2021	0.540	5.00		<0.540
GDE	d	Bromodichloromethane	75-27-4	ug/L	11/10/2021	0.390	1.00		<0.390
GDE	d	Bromoform	75-25-2	ug/L	11/10/2021	0.780	5.00		<0.780
GDE	d	Bromomethane	74-83-9	ug/L	11/10/2021	1.10	4.00		<1.10
GDE	d	Carbon Disulfide	75-15-0	ug/L	11/10/2021	0.450	1.00		<0.450
GDE	d	Carbon Tetrachloride	56-23-5	ug/L	11/10/2021	0.650	2.00		<0.650
GDE	d	Chlorobenzene	108-90-7	ug/L	11/10/2021	0.400	1.00		<0.400
GDE	d	Chlorodibromomethane	124-48-1	ug/L	11/10/2021	0.750	5.00		<0.750
GDE	d	Chloroethane	75-00-3	ug/L	11/10/2021	0.790	4.00		<0.790
GDE	d	Chloroform	67-66-3	ug/L	11/10/2021	1.30	3.00		<1.30
GDE	d	Chloromethane	74-87-3	ug/L	11/10/2021	0.610	3.00		<0.610
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/10/2021	0.210	1.00		2.11
GDE	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/10/2021	0.250	5.00		<0.250
GDE	d	Methylene Bromide	74-95-3	ug/L	11/10/2021	0.330	1.00		<0.330
GDE	d	Ethylbenzene	100-41-4	ug/L	11/10/2021	0.310	1.00		<0.310
GDE	d	Iodomethane	74-88-4	ug/L	11/10/2021	7.00	10.0		<7.00
GDE	d	Methylene Chloride	75-09-2	ug/L	11/10/2021	1.70	5.00		<1.70
GDE	d	Styrene	100-42-5	ug/L	11/10/2021	0.370	1.00		<0.370
GDE	d	Tetrachloroethene	127-18-4	ug/L	11/10/2021	0.480	1.00		<0.480
GDE	d	Toluene	108-88-3	ug/L	11/10/2021	0.430	1.00		<0.430
GDE	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/10/2021	0.270	1.00		<0.270
GDE	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/10/2021	0.560	5.00		<0.560

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDE	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/10/2021	1.10	10.0		<1.10
GDE	d	Trichloroethene	79-01-6	ug/L	11/10/2021	0.430	1.00	J	0.551
GDE	d	Trichlorofluoromethane	75-69-4	ug/L	11/10/2021	0.380	4.00		<0.380
GDE	d	Vinyl Acetate	108-05-4	ug/L	11/10/2021	2.50	10.0		<2.50
GDE	d	Vinyl Chloride	75-01-4	ug/L	11/10/2021	0.180	1.00	J	0.206
GDE	d	Xylenes, total	1330-20-7	ug/L	11/10/2021	0.400	3.00		<0.400
GDE	d	Total Suspended Solids	TSS	mg/L	11/10/2021	2.55	7.50		18.0
GDW	d	Antimony	7440-36-0	mg/L	11/10/2021	0.00110	0.00200		<0.00110
GDW	d	Arsenic	7440-38-2	mg/L	11/10/2021	0.000750	0.00200		<0.000750
GDW	d	Barium	7440-39-3	mg/L	11/10/2021	0.000370	0.00200		0.126
GDW	d	Beryllium	7440-41-7	mg/L	11/10/2021	0.000270	0.00100		<0.000270
GDW	d	Cadmium	7440-43-9	mg/L	11/10/2021	0.0000510	0.000100		<0.0000510
GDW	d	Chromium	7440-47-3	mg/L	11/10/2021	0.00110	0.00500		<0.00110
GDW	d	Cobalt	7440-48-4	mg/L	11/10/2021	0.000190	0.000500	J	0.000241
GDW	d	Copper	7440-50-8	mg/L	11/10/2021	0.00140	0.00500	J	0.00303
GDW	d	Lead	7439-92-1	mg/L	11/10/2021	0.000210	0.000500		<0.000210
GDW	d	Nickel	7440-02-0	mg/L	11/10/2021	0.00190	0.00500	J	0.00253
GDW	d	Selenium	7782-49-2	mg/L	11/10/2021	0.000960	0.00500		<0.000960
GDW	d	Silver	7440-22-4	mg/L	11/10/2021	0.000420	0.00100		<0.000420
GDW	d	Thallium	7440-28-0	mg/L	11/10/2021	0.000260	0.00100		<0.000260
GDW	d	Vanadium	7440-62-2	mg/L	11/10/2021	0.00110	0.00500	J	0.00174
GDW	d	Zinc	7440-66-6	mg/L	11/10/2021	0.0100	0.0200	J	0.0119
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/10/2021	0.380	1.00		<0.380
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/10/2021	0.190	1.00		<0.190
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/10/2021	0.470	1.00		<0.470
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/10/2021	0.450	1.00		<0.450
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	11/10/2021	0.220	1.00		<0.220
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	11/10/2021	0.560	2.00		<0.560
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/10/2021	0.590	1.00		<0.590
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/10/2021	1.20	1.20		<1.20
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/10/2021	0.340	0.340		<0.340
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/10/2021	0.370	1.00		<0.370
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	11/10/2021	0.390	1.00		<0.390
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	11/10/2021	0.270	1.00		<0.270
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/10/2021	0.230	1.00		<0.230
GDW	d	2-Butanone	78-93-3	ug/L	11/10/2021	2.10	10.0		<2.10
GDW	d	2-Hexanone	591-78-6	ug/L	11/10/2021	2.00	10.0		<2.00
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/10/2021	2.10	10.0		<2.10
GDW	d	Acetone	67-64-1	ug/L	11/10/2021	3.10	10.0		<3.10
GDW	d	Acrylonitrile	107-13-1	ug/L	11/10/2021	2.20	10.0		<2.20
GDW	d	Benzene	71-43-2	ug/L	11/10/2021	0.220	0.500		<0.220
GDW	d	Bromochloromethane	74-97-5	ug/L	11/10/2021	0.540	5.00		<0.540
GDW	d	Bromodichloromethane	75-27-4	ug/L	11/10/2021	0.390	1.00		<0.390
GDW	d	Bromoform	75-25-2	ug/L	11/10/2021	0.780	5.00		<0.780
GDW	d	Bromomethane	74-83-9	ug/L	11/10/2021	1.10	4.00		<1.10
GDW	d	Carbon Disulfide	75-15-0	ug/L	11/10/2021	0.450	1.00		<0.450
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	11/10/2021	0.650	2.00		<0.650
GDW	d	Chlorobenzene	108-90-7	ug/L	11/10/2021	0.400	1.00		<0.400
GDW	d	Chlorodibromomethane	124-48-1	ug/L	11/10/2021	0.750	5.00		<0.750
GDW	d	Chloroethane	75-00-3	ug/L	11/10/2021	0.790	4.00		<0.790
GDW	d	Chloroform	67-66-3	ug/L	11/10/2021	1.30	3.00		<1.30
GDW	d	Chloromethane	74-87-3	ug/L	11/10/2021	0.610	3.00		<0.610
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/10/2021	0.210	1.00		1.83
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/10/2021	0.250	5.00		<0.250
GDW	d	Methylene Bromide	74-95-3	ug/L	11/10/2021	0.330	1.00		<0.330
GDW	d	Ethylbenzene	100-41-4	ug/L	11/10/2021	0.310	1.00		<0.310
GDW	d	Iodomethane	74-88-4	ug/L	11/10/2021	7.00	10.0		<7.00
GDW	d	Methylene Chloride	75-09-2	ug/L	11/10/2021	1.70	5.00		<1.70
GDW	d	Styrene	100-42-5	ug/L	11/10/2021	0.370	1.00		<0.370
GDW	d	Tetrachloroethene	127-18-4	ug/L	11/10/2021	0.480	1.00		<0.480
GDW	d	Toluene	108-88-3	ug/L	11/10/2021	0.430	1.00		<0.430
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/10/2021	0.270	1.00		<0.270
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/10/2021	0.560	5.00		<0.560
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/10/2021	1.10	10.0		<1.10
GDW	d	Trichloroethene	79-01-6	ug/L	11/10/2021	0.430	1.00		<0.430
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	11/10/2021	0.380	4.00		<0.380
GDW	d	Vinyl Acetate	108-05-4	ug/L	11/10/2021	2.50	10.0		<2.50
GDW	d	Vinyl Chloride	75-01-4	ug/L	11/10/2021	0.180	1.00		<0.180
GDW	d	Xylenes, total	1330-20-7	ug/L	11/10/2021	0.400	3.00		<0.400
GDW	d	Total Suspended Solids	TSS	mg/L	11/10/2021	0.638	1.88	J	0.750
MW-13	d	Antimony	7440-36-0	mg/L	11/10/2021	0.00110	0.00200		<0.00110
MW-13	d	Arsenic	7440-38-2	mg/L	11/10/2021	0.000750	0.00200		0.0236
MW-13	d	Barium	7440-39-3	mg/L	11/10/2021	0.000370	0.00200		0.272
MW-13	d	Beryllium	7440-41-7	mg/L	11/10/2021	0.000270	0.00100		<0.000270
MW-13	d	Cadmium	7440-43-9	mg/L	11/10/2021	0.0000510	0.000100		<0.0000510
MW-13	d	Chromium	7440-47-3	mg/L	11/10/2021	0.00110	0.00500		<0.00110
MW-13	d	Cobalt	7440-48-4	mg/L	11/10/2021	0.000190	0.000500		0.0105
MW-13	d	Copper	7440-50-8	mg/L	11/10/2021	0.00140	0.00500		<0.00140
MW-13	d	Lead	7439-92-1	mg/L	11/10/2021	0.000210	0.000500		<0.000210

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Nickel	7440-02-0	mg/L	11/10/2021	0.00190	0.00500		0.0186
MW-13	d	Selenium	7782-49-2	mg/L	11/10/2021	0.000960	0.00500		<0.000960
MW-13	d	Silver	7440-22-4	mg/L	11/10/2021	0.000420	0.00100		<0.000420
MW-13	d	Thallium	7440-28-0	mg/L	11/10/2021	0.000260	0.00100		<0.000260
MW-13	d	Vanadium	7440-62-2	mg/L	11/10/2021	0.00110	0.00500	J	0.00176
MW-13	d	Zinc	7440-66-6	mg/L	11/10/2021	0.0100	0.0200		<0.0100
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/10/2021	0.380	1.00		<0.380
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/10/2021	0.190	1.00		<0.190
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/10/2021	0.470	1.00		<0.470
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/10/2021	0.450	1.00		<0.450
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	11/10/2021	0.220	1.00		<0.220
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	11/10/2021	0.560	2.00		<0.560
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/10/2021	0.590	1.00		<0.590
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/10/2021	1.20	1.20		<1.20
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/10/2021	0.340	0.340		<0.340
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/10/2021	0.370	1.00		<0.370
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	11/10/2021	0.390	1.00		<0.390
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/10/2021	0.230	1.00		<0.230
MW-13	d	2-Butanone	78-93-3	ug/L	11/10/2021	2.10	10.0		<2.10
MW-13	d	2-Hexanone	591-78-6	ug/L	11/10/2021	2.00	10.0		<2.00
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/10/2021	2.10	10.0		<2.10
MW-13	d	Acetone	67-64-1	ug/L	11/10/2021	3.10	10.0		<3.10
MW-13	d	Acrylonitrile	107-13-1	ug/L	11/10/2021	2.20	10.0		<2.20
MW-13	d	Benzene	71-43-2	ug/L	11/10/2021	0.220	0.500		<0.220
MW-13	d	Bromochloromethane	74-97-5	ug/L	11/10/2021	0.540	5.00		<0.540
MW-13	d	Bromodichloromethane	75-27-4	ug/L	11/10/2021	0.390	1.00		<0.390
MW-13	d	Bromoform	75-25-2	ug/L	11/10/2021	0.780	5.00		<0.780
MW-13	d	Bromomethane	74-83-9	ug/L	11/10/2021	1.10	4.00		<1.10
MW-13	d	Carbon Disulfide	75-15-0	ug/L	11/10/2021	0.450	1.00		<0.450
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	11/10/2021	0.650	2.00		<0.650
MW-13	d	Chlorobenzene	108-90-7	ug/L	11/10/2021	0.400	1.00		<0.400
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	11/10/2021	0.750	5.00		<0.750
MW-13	d	Chloroethane	75-00-3	ug/L	11/10/2021	0.790	4.00		<0.790
MW-13	d	Chloroform	67-66-3	ug/L	11/10/2021	1.30	3.00		<1.30
MW-13	d	Chloromethane	74-87-3	ug/L	11/10/2021	0.610	3.00		<0.610
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/10/2021	0.210	1.00		1.05
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/10/2021	0.250	5.00		<0.250
MW-13	d	Methylene Bromide	74-95-3	ug/L	11/10/2021	0.330	1.00		<0.330
MW-13	d	Ethylbenzene	100-41-4	ug/L	11/10/2021	0.310	1.00		<0.310
MW-13	d	Iodomethane	74-88-4	ug/L	11/10/2021	7.00	10.0		<7.00
MW-13	d	Methylene Chloride	75-09-2	ug/L	11/10/2021	1.70	5.00		<1.70
MW-13	d	Styrene	100-42-5	ug/L	11/10/2021	0.370	1.00		<0.370
MW-13	d	Tetrachloroethene	127-18-4	ug/L	11/10/2021	0.480	1.00		<0.480
MW-13	d	Toluene	108-88-3	ug/L	11/10/2021	0.430	1.00		<0.430
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/10/2021	0.560	5.00		<0.560
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/10/2021	1.10	10.0		<1.10
MW-13	d	Trichloroethene	79-01-6	ug/L	11/10/2021	0.430	1.00		<0.430
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	11/10/2021	0.380	4.00		<0.380
MW-13	d	Vinyl Acetate	108-05-4	ug/L	11/10/2021	2.50	10.0		<2.50
MW-13	d	Vinyl Chloride	75-01-4	ug/L	11/10/2021	0.180	1.00		<0.180
MW-13	d	Xylenes, total	1330-20-7	ug/L	11/10/2021	0.400	3.00		<0.400
MW-13	d	Total Suspended Solids	TSS	mg/L	11/10/2021	2.55	7.50		20.5
MW-14	d	Antimony	7440-36-0	mg/L	11/10/2021	0.00110	0.00200		<0.00110
MW-14	d	Arsenic	7440-38-2	mg/L	11/10/2021	0.000750	0.00200		0.0510
MW-14	d	Barium	7440-39-3	mg/L	11/10/2021	0.000370	0.00200		0.329
MW-14	d	Beryllium	7440-41-7	mg/L	11/10/2021	0.000270	0.00100		<0.000270
MW-14	d	Cadmium	7440-43-9	mg/L	11/10/2021	0.0000510	0.000100		<0.0000510
MW-14	d	Chromium	7440-47-3	mg/L	11/10/2021	0.00110	0.00500		<0.00110
MW-14	d	Cobalt	7440-48-4	mg/L	11/10/2021	0.000190	0.000500		0.00129
MW-14	d	Copper	7440-50-8	mg/L	11/10/2021	0.00140	0.00500		<0.00140
MW-14	d	Lead	7439-92-1	mg/L	11/10/2021	0.000210	0.000500		<0.000210
MW-14	d	Nickel	7440-02-0	mg/L	11/10/2021	0.00190	0.00500		0.00651
MW-14	d	Selenium	7782-49-2	mg/L	11/10/2021	0.000960	0.00500		<0.000960
MW-14	d	Silver	7440-22-4	mg/L	11/10/2021	0.000420	0.00100		<0.000420
MW-14	d	Thallium	7440-28-0	mg/L	11/10/2021	0.000260	0.00100		<0.000260
MW-14	d	Vanadium	7440-62-2	mg/L	11/10/2021	0.00110	0.00500		<0.00110
MW-14	d	Zinc	7440-66-6	mg/L	11/10/2021	0.0100	0.0200		<0.0100
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/10/2021	0.380	1.00		<0.380
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/10/2021	0.190	1.00		<0.190
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/10/2021	0.470	1.00		<0.470
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/10/2021	0.450	1.00		<0.450
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	11/10/2021	0.220	1.00		<0.220
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	11/10/2021	0.560	2.00		<0.560
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/10/2021	0.590	1.00		<0.590
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/10/2021	1.20	1.20		<1.20
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/10/2021	0.340	0.340		<0.340
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/10/2021	0.370	1.00		<0.370

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	11/10/2021	0.390	1.00		<0.390
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/10/2021	0.230	1.00		<0.230
MW-14	d	2-Butanone	78-93-3	ug/L	11/10/2021	2.10	10.0		<2.10
MW-14	d	2-Hexanone	591-78-6	ug/L	11/10/2021	2.00	10.0		<2.00
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/10/2021	2.10	10.0		<2.10
MW-14	d	Acetone	67-64-1	ug/L	11/10/2021	3.10	10.0		<3.10
MW-14	d	Acrylonitrile	107-13-1	ug/L	11/10/2021	2.20	10.0		<2.20
MW-14	d	Benzene	71-43-2	ug/L	11/10/2021	0.220	0.500		<0.220
MW-14	d	Bromochloromethane	74-97-5	ug/L	11/10/2021	0.540	5.00		<0.540
MW-14	d	Bromodichloromethane	75-27-4	ug/L	11/10/2021	0.390	1.00		<0.390
MW-14	d	Bromoform	75-25-2	ug/L	11/10/2021	0.780	5.00		<0.780
MW-14	d	Bromomethane	74-83-9	ug/L	11/10/2021	1.10	4.00		<1.10
MW-14	d	Carbon Disulfide	75-15-0	ug/L	11/10/2021	0.450	1.00		<0.450
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	11/10/2021	0.650	2.00		<0.650
MW-14	d	Chlorobenzene	108-90-7	ug/L	11/10/2021	0.400	1.00		<0.400
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	11/10/2021	0.750	5.00		<0.750
MW-14	d	Chloroethane	75-00-3	ug/L	11/10/2021	0.790	4.00		<0.790
MW-14	d	Chloroform	67-66-3	ug/L	11/10/2021	1.30	3.00		<1.30
MW-14	d	Chloromethane	74-87-3	ug/L	11/10/2021	0.610	3.00		<0.610
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/10/2021	0.210	1.00		1.00
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/10/2021	0.250	5.00		<0.250
MW-14	d	Methylene Bromide	74-95-3	ug/L	11/10/2021	0.330	1.00		<0.330
MW-14	d	Ethylbenzene	100-41-4	ug/L	11/10/2021	0.310	1.00		<0.310
MW-14	d	Iodomethane	74-88-4	ug/L	11/10/2021	7.00	10.0		<7.00
MW-14	d	Methylene Chloride	75-09-2	ug/L	11/10/2021	1.70	5.00		<1.70
MW-14	d	Styrene	100-42-5	ug/L	11/10/2021	0.370	1.00		<0.370
MW-14	d	Tetrachloroethene	127-18-4	ug/L	11/10/2021	0.480	1.00		<0.480
MW-14	d	Toluene	108-88-3	ug/L	11/10/2021	0.430	1.00		<0.430
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/10/2021	0.560	5.00		<0.560
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/10/2021	1.10	10.0		<1.10
MW-14	d	Trichloroethene	79-01-6	ug/L	11/10/2021	0.430	1.00		<0.430
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	11/10/2021	0.380	4.00		<0.380
MW-14	d	Vinyl Acetate	108-05-4	ug/L	11/10/2021	2.50	10.0		<2.50
MW-14	d	Vinyl Chloride	75-01-4	ug/L	11/10/2021	0.180	1.00		<0.180
MW-14	d	Xylenes, total	1330-20-7	ug/L	11/10/2021	0.400	3.00		<0.400
MW-14	d	Total Suspended Solids	TSS	mg/L	11/10/2021	10.2	30.0		52.0
MW-16	d	Antimony	7440-36-0	mg/L	11/10/2021	0.00110	0.00200		<0.00110
MW-16	d	Arsenic	7440-38-2	mg/L	11/10/2021	0.000750	0.00200		0.00253
MW-16	d	Barium	7440-39-3	mg/L	11/10/2021	0.000370	0.00200		0.0419
MW-16	d	Beryllium	7440-41-7	mg/L	11/10/2021	0.000270	0.00100		<0.000270
MW-16	d	Cadmium	7440-43-9	mg/L	11/10/2021	0.0000510	0.000100		<0.0000510
MW-16	d	Chromium	7440-47-3	mg/L	11/10/2021	0.00110	0.00500		<0.00110
MW-16	d	Cobalt	7440-48-4	mg/L	11/10/2021	0.000190	0.000500	J	0.000459
MW-16	d	Copper	7440-50-8	mg/L	11/10/2021	0.00140	0.00500		<0.00140
MW-16	d	Lead	7439-92-1	mg/L	11/10/2021	0.000210	0.000500		<0.000210
MW-16	d	Nickel	7440-02-0	mg/L	11/10/2021	0.00190	0.00500		<0.00190
MW-16	d	Selenium	7782-49-2	mg/L	11/10/2021	0.000960	0.00500		<0.000960
MW-16	d	Silver	7440-22-4	mg/L	11/10/2021	0.000420	0.00100		<0.000420
MW-16	d	Thallium	7440-28-0	mg/L	11/10/2021	0.000260	0.00100		<0.000260
MW-16	d	Vanadium	7440-62-2	mg/L	11/10/2021	0.00110	0.00500	J	0.00153
MW-16	d	Zinc	7440-66-6	mg/L	11/10/2021	0.0100	0.0200		<0.0100
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/10/2021	0.380	1.00		<0.380
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/10/2021	0.190	1.00		<0.190
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/10/2021	0.470	1.00		<0.470
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/10/2021	0.450	1.00		<0.450
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	11/10/2021	0.220	1.00		<0.220
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	11/10/2021	0.560	2.00		<0.560
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/10/2021	0.590	1.00		<0.590
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/10/2021	1.20	1.20		<1.20
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/10/2021	0.340	0.340		<0.340
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/10/2021	0.370	1.00		<0.370
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	11/10/2021	0.390	1.00		<0.390
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/10/2021	0.230	1.00		<0.230
MW-16	d	2-Butanone	78-93-3	ug/L	11/10/2021	2.10	10.0		<2.10
MW-16	d	2-Hexanone	591-78-6	ug/L	11/10/2021	2.00	10.0		<2.00
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/10/2021	2.10	10.0		<2.10
MW-16	d	Acetone	67-64-1	ug/L	11/10/2021	3.10	10.0		<3.10
MW-16	d	Acrylonitrile	107-13-1	ug/L	11/10/2021	2.20	10.0		<2.20
MW-16	d	Benzene	71-43-2	ug/L	11/10/2021	0.220	0.500		<0.220
MW-16	d	Bromochloromethane	74-97-5	ug/L	11/10/2021	0.540	5.00		<0.540
MW-16	d	Bromodichloromethane	75-27-4	ug/L	11/10/2021	0.390	1.00		<0.390
MW-16	d	Bromoform	75-25-2	ug/L	11/10/2021	0.780	5.00		<0.780
MW-16	d	Bromomethane	74-83-9	ug/L	11/10/2021	1.10	4.00		<1.10
MW-16	d	Carbon Disulfide	75-15-0	ug/L	11/10/2021	0.450	1.00		<0.450
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	11/10/2021	0.650	2.00		<0.650
MW-16	d	Chlorobenzene	108-90-7	ug/L	11/10/2021	0.400	1.00		<0.400

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	11/10/2021	0.750	5.00		<0.750
MW-16	d	Chloroethane	75-00-3	ug/L	11/10/2021	0.790	4.00		<0.790
MW-16	d	Chloroform	67-66-3	ug/L	11/10/2021	1.30	3.00		<1.30
MW-16	d	Chloromethane	74-87-3	ug/L	11/10/2021	0.610	3.00		<0.610
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/10/2021	0.210	1.00		<0.210
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/10/2021	0.250	5.00		<0.250
MW-16	d	Methylene Bromide	74-95-3	ug/L	11/10/2021	0.330	1.00		<0.330
MW-16	d	Ethylbenzene	100-41-4	ug/L	11/10/2021	0.310	1.00		<0.310
MW-16	d	Iodomethane	74-88-4	ug/L	11/10/2021	7.00	10.0		<7.00
MW-16	d	Methylene Chloride	75-09-2	ug/L	11/10/2021	1.70	5.00		<1.70
MW-16	d	Styrene	100-42-5	ug/L	11/10/2021	0.370	1.00		<0.370
MW-16	d	Tetrachloroethene	127-18-4	ug/L	11/10/2021	0.480	1.00		<0.480
MW-16	d	Toluene	108-88-3	ug/L	11/10/2021	0.430	1.00		<0.430
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/10/2021	0.560	5.00		<0.560
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/10/2021	1.10	10.0		<1.10
MW-16	d	Trichloroethene	79-01-6	ug/L	11/10/2021	0.430	1.00		<0.430
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	11/10/2021	0.380	4.00		<0.380
MW-16	d	Vinyl Acetate	108-05-4	ug/L	11/10/2021	2.50	10.0		<2.50
MW-16	d	Vinyl Chloride	75-01-4	ug/L	11/10/2021	0.180	1.00		<0.180
MW-16	d	Xylenes, total	1330-20-7	ug/L	11/10/2021	0.400	3.00		<0.400
MW-16	d	Total Suspended Solids	TSS	mg/L	11/10/2021	2.55	7.50		14.0
MW-5AR	u	Antimony	7440-36-0	mg/L	11/10/2021	0.00110	0.00200		<0.00110
MW-5AR	u	Arsenic	7440-38-2	mg/L	11/10/2021	0.000750	0.00200		<0.000750
MW-5AR	u	Barium	7440-39-3	mg/L	11/10/2021	0.000370	0.00200		0.0425
MW-5AR	u	Beryllium	7440-41-7	mg/L	11/10/2021	0.000270	0.00100		<0.000270
MW-5AR	u	Cadmium	7440-43-9	mg/L	11/10/2021	0.0000510	0.000100		<0.0000510
MW-5AR	u	Chromium	7440-47-3	mg/L	11/10/2021	0.00110	0.00500		<0.00110
MW-5AR	u	Cobalt	7440-48-4	mg/L	11/10/2021	0.000190	0.000500		<0.000190
MW-5AR	u	Copper	7440-50-8	mg/L	11/10/2021	0.00140	0.00500		<0.00140
MW-5AR	u	Lead	7439-92-1	mg/L	11/10/2021	0.000210	0.000500	J	0.000252
MW-5AR	u	Nickel	7440-02-0	mg/L	11/10/2021	0.00190	0.00500		<0.00190
MW-5AR	u	Selenium	7782-49-2	mg/L	11/10/2021	0.000960	0.00500	J	0.00248
MW-5AR	u	Silver	7440-22-4	mg/L	11/10/2021	0.000420	0.00100		<0.000420
MW-5AR	u	Thallium	7440-28-0	mg/L	11/10/2021	0.000260	0.00100		<0.000260
MW-5AR	u	Vanadium	7440-62-2	mg/L	11/10/2021	0.00110	0.00500	J	0.00225
MW-5AR	u	Zinc	7440-66-6	mg/L	11/10/2021	0.0100	0.0200		<0.0100
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/10/2021	0.380	1.00		<0.380
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	11/10/2021	0.190	1.00		<0.190
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/10/2021	0.470	1.00		<0.470
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	11/10/2021	0.450	1.00		<0.450
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	11/10/2021	0.220	1.00		<0.220
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	11/10/2021	0.560	2.00		<0.560
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	11/10/2021	0.590	1.00		<0.590
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/10/2021	1.20	1.20		<1.20
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/10/2021	0.340	0.340		<0.340
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	11/10/2021	0.370	1.00		<0.370
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	11/10/2021	0.390	1.00		<0.390
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	11/10/2021	0.230	1.00		<0.230
MW-5AR	u	2-Butanone	78-93-3	ug/L	11/10/2021	2.10	10.0		<2.10
MW-5AR	u	2-Hexanone	591-78-6	ug/L	11/10/2021	2.00	10.0		<2.00
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	11/10/2021	2.10	10.0		<2.10
MW-5AR	u	Acetone	67-64-1	ug/L	11/10/2021	3.10	10.0		<3.10
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	11/10/2021	2.20	10.0		<2.20
MW-5AR	u	Benzene	71-43-2	ug/L	11/10/2021	0.220	0.500		<0.220
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	11/10/2021	0.540	5.00		<0.540
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	11/10/2021	0.390	1.00		<0.390
MW-5AR	u	Bromoform	75-25-2	ug/L	11/10/2021	0.780	5.00		<0.780
MW-5AR	u	Bromomethane	74-83-9	ug/L	11/10/2021	1.10	4.00		<1.10
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	11/10/2021	0.450	1.00		<0.450
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	11/10/2021	0.650	2.00		<0.650
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	11/10/2021	0.400	1.00		<0.400
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	11/10/2021	0.750	5.00		<0.750
MW-5AR	u	Chloroethane	75-00-3	ug/L	11/10/2021	0.790	4.00		<0.790
MW-5AR	u	Chloroform	67-66-3	ug/L	11/10/2021	1.30	3.00		<1.30
MW-5AR	u	Chloromethane	74-87-3	ug/L	11/10/2021	0.610	3.00		<0.610
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	11/10/2021	0.210	1.00		1.41
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/10/2021	0.250	5.00		<0.250
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	11/10/2021	0.330	1.00		<0.330
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	11/10/2021	0.310	1.00		<0.310
MW-5AR	u	Iodomethane	74-88-4	ug/L	11/10/2021	7.00	10.0		<7.00
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	11/10/2021	1.70	5.00		<1.70
MW-5AR	u	Styrene	100-42-5	ug/L	11/10/2021	0.370	1.00		<0.370
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	11/10/2021	0.480	1.00		<0.480
MW-5AR	u	Toluene	108-88-3	ug/L	11/10/2021	0.430	1.00		<0.430
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/10/2021	0.560	5.00		<0.560
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/10/2021	1.10	10.0		<1.10

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Trichloroethene	79-01-6	ug/L	11/10/2021	0.430	1.00		<0.430
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	11/10/2021	0.380	4.00		<0.380
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	11/10/2021	2.50	10.0		<2.50
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	11/10/2021	0.180	1.00		<0.180
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	11/10/2021	0.400	3.00		<0.400
MW-5AR	u	Total Suspended Solids	TSS	mg/L	11/10/2021	0.638	1.88		4.25
MW-8R	d	Antimony	7440-36-0	mg/L	11/10/2021	0.00110	0.00200		<0.00110
MW-8R	d	Arsenic	7440-38-2	mg/L	11/10/2021	0.000750	0.00200		0.00708
MW-8R	d	Barium	7440-39-3	mg/L	11/10/2021	0.000370	0.00200		0.0226
MW-8R	d	Beryllium	7440-41-7	mg/L	11/10/2021	0.000270	0.00100		<0.000270
MW-8R	d	Cadmium	7440-43-9	mg/L	11/10/2021	0.0000510	0.000100		<0.0000510
MW-8R	d	Chromium	7440-47-3	mg/L	11/10/2021	0.00110	0.00500		<0.00110
MW-8R	d	Cobalt	7440-48-4	mg/L	11/10/2021	0.000190	0.000500		0.00571
MW-8R	d	Copper	7440-50-8	mg/L	11/10/2021	0.00140	0.00500		<0.00140
MW-8R	d	Lead	7439-92-1	mg/L	11/10/2021	0.000210	0.000500		<0.000210
MW-8R	d	Nickel	7440-02-0	mg/L	11/10/2021	0.00190	0.00500		0.00946
MW-8R	d	Selenium	7782-49-2	mg/L	11/10/2021	0.000960	0.00500		<0.000960
MW-8R	d	Silver	7440-22-4	mg/L	11/10/2021	0.000420	0.00100		<0.000420
MW-8R	d	Thallium	7440-28-0	mg/L	11/10/2021	0.000260	0.00100		<0.000260
MW-8R	d	Vanadium	7440-62-2	mg/L	11/10/2021	0.00110	0.00500	J	0.00165
MW-8R	d	Zinc	7440-66-6	mg/L	11/10/2021	0.0100	0.0200		<0.0100
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/10/2021	0.380	1.00		<0.380
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/10/2021	0.190	1.00		<0.190
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/10/2021	0.470	1.00		<0.470
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/10/2021	0.450	1.00		<0.450
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	11/10/2021	0.220	1.00		<0.220
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	11/10/2021	0.560	2.00		<0.560
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/10/2021	0.590	1.00		<0.590
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/10/2021	1.20	1.20		<1.20
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/10/2021	0.340	0.340		<0.340
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/10/2021	0.370	1.00		<0.370
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	11/10/2021	0.390	1.00		<0.390
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/10/2021	0.230	1.00		<0.230
MW-8R	d	2-Butanone	78-93-3	ug/L	11/10/2021	2.10	10.0		<2.10
MW-8R	d	2-Hexanone	591-78-6	ug/L	11/10/2021	2.00	10.0		<2.00
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/10/2021	2.10	10.0		<2.10
MW-8R	d	Acetone	67-64-1	ug/L	11/10/2021	3.10	10.0		<3.10
MW-8R	d	Acrylonitrile	107-13-1	ug/L	11/10/2021	2.20	10.0		<2.20
MW-8R	d	Benzene	71-43-2	ug/L	11/10/2021	0.220	0.500		<0.220
MW-8R	d	Bromochloromethane	74-97-5	ug/L	11/10/2021	0.540	5.00		<0.540
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	11/10/2021	0.390	1.00		<0.390
MW-8R	d	Bromoform	75-25-2	ug/L	11/10/2021	0.780	5.00		<0.780
MW-8R	d	Bromomethane	74-83-9	ug/L	11/10/2021	1.10	4.00		<1.10
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	11/10/2021	0.450	1.00		<0.450
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	11/10/2021	0.650	2.00		<0.650
MW-8R	d	Chlorobenzene	108-90-7	ug/L	11/10/2021	0.400	1.00		<0.400
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	11/10/2021	0.750	5.00		<0.750
MW-8R	d	Chloroethane	75-00-3	ug/L	11/10/2021	0.790	4.00		<0.790
MW-8R	d	Chloroform	67-66-3	ug/L	11/10/2021	1.30	3.00		<1.30
MW-8R	d	Chloromethane	74-87-3	ug/L	11/10/2021	0.610	3.00		<0.610
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/10/2021	0.210	1.00		1.19
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/10/2021	0.250	5.00		<0.250
MW-8R	d	Methylene Bromide	74-95-3	ug/L	11/10/2021	0.330	1.00		<0.330
MW-8R	d	Ethylbenzene	100-41-4	ug/L	11/10/2021	0.310	1.00		<0.310
MW-8R	d	Iodomethane	74-88-4	ug/L	11/10/2021	7.00	10.0		<7.00
MW-8R	d	Methylene Chloride	75-09-2	ug/L	11/10/2021	1.70	5.00		<1.70
MW-8R	d	Styrene	100-42-5	ug/L	11/10/2021	0.370	1.00		<0.370
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	11/10/2021	0.480	1.00		<0.480
MW-8R	d	Toluene	108-88-3	ug/L	11/10/2021	0.430	1.00		<0.430
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/10/2021	0.270	1.00		<0.270
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/10/2021	0.560	5.00		<0.560
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/10/2021	1.10	10.0		<1.10
MW-8R	d	Trichloroethene	79-01-6	ug/L	11/10/2021	0.430	1.00		<0.430
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	11/10/2021	0.380	4.00		<0.380
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	11/10/2021	2.50	10.0		<2.50
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	11/10/2021	0.180	1.00		<0.180
MW-8R	d	Xylenes, total	1330-20-7	ug/L	11/10/2021	0.400	3.00		<0.400
MW-8R	d	Total Suspended Solids	TSS	mg/L	11/10/2021	2.55	7.50		18.5
MW-1	d	Antimony	7440-36-0	mg/L	11/18/2021	0.00110	0.00200		<0.00110
MW-1	d	Arsenic	7440-38-2	mg/L	11/18/2021	0.000750	0.00200		0.00485
MW-1	d	Barium	7440-39-3	mg/L	11/18/2021	0.000370	0.00200		0.131
MW-1	d	Beryllium	7440-41-7	mg/L	11/18/2021	0.000270	0.00100		<0.000270
MW-1	d	Cadmium	7440-43-9	mg/L	11/18/2021	0.0000510	0.000100		<0.0000510
MW-1	d	Chromium	7440-47-3	mg/L	11/18/2021	0.00110	0.00500		<0.00110
MW-1	d	Cobalt	7440-48-4	mg/L	11/18/2021	0.000190	0.000500		0.00146
MW-1	d	Copper	7440-50-8	mg/L	11/18/2021	0.00140	0.00500	J	0.00196
MW-1	d	Lead	7439-92-1	mg/L	11/18/2021	0.000210	0.000500		<0.000210
MW-1	d	Nickel	7440-02-0	mg/L	11/18/2021	0.00190	0.00500	J	0.00251

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Selenium	7782-49-2	mg/L	11/18/2021	0.000960	0.00500		<0.000960
MW-1	d	Silver	7440-22-4	mg/L	11/18/2021	0.000420	0.00100		<0.000420
MW-1	d	Thallium	7440-28-0	mg/L	11/18/2021	0.000260	0.00100		<0.000260
MW-1	d	Vanadium	7440-62-2	mg/L	11/18/2021	0.00110	0.00500	J	0.00123
MW-1	d	Zinc	7440-66-6	mg/L	11/18/2021	0.0100	0.0200		<0.0100
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/18/2021	0.380	1.00		<0.380
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/18/2021	0.190	1.00		<0.190
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/18/2021	0.470	1.00		<0.470
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/18/2021	0.450	1.00		<0.450
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	11/18/2021	0.220	1.00		<0.220
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	11/18/2021	0.560	2.00		<0.560
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/18/2021	0.590	1.00		<0.590
MW-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/18/2021	1.20	1.20		<1.20
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/18/2021	0.340	0.340		<0.340
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/18/2021	0.370	1.00		<0.370
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	11/18/2021	0.390	1.00		<0.390
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	11/18/2021	0.270	1.00		<0.270
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/18/2021	0.230	1.00		<0.230
MW-1	d	2-Butanone	78-93-3	ug/L	11/18/2021	2.10	10.0		<2.10
MW-1	d	2-Hexanone	591-78-6	ug/L	11/18/2021	2.00	10.0		<2.00
MW-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/18/2021	2.10	10.0		<2.10
MW-1	d	Acetone	67-64-1	ug/L	11/18/2021	3.10	10.0		<3.10
MW-1	d	Acrylonitrile	107-13-1	ug/L	11/18/2021	2.20	10.0		<2.20
MW-1	d	Benzene	71-43-2	ug/L	11/18/2021	0.220	0.500		<0.220
MW-1	d	Bromochloromethane	74-97-5	ug/L	11/18/2021	0.540	5.00		<0.540
MW-1	d	Bromodichloromethane	75-27-4	ug/L	11/18/2021	0.390	1.00		<0.390
MW-1	d	Bromoform	75-25-2	ug/L	11/18/2021	0.780	5.00		<0.780
MW-1	d	Bromomethane	74-83-9	ug/L	11/18/2021	1.10	4.00		<1.10
MW-1	d	Carbon Disulfide	75-15-0	ug/L	11/18/2021	0.450	1.00		<0.450
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	11/18/2021	0.650	2.00		<0.650
MW-1	d	Chlorobenzene	108-90-7	ug/L	11/18/2021	0.400	1.00		<0.400
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	11/18/2021	0.750	5.00		<0.750
MW-1	d	Chloroethane	75-00-3	ug/L	11/18/2021	0.790	4.00		<0.790
MW-1	d	Chloroform	67-66-3	ug/L	11/18/2021	1.30	3.00		<1.30
MW-1	d	Chloromethane	74-87-3	ug/L	11/18/2021	0.610	3.00		<0.610
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/18/2021	0.210	1.00		<0.210
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/18/2021	0.250	5.00		<0.250
MW-1	d	Methylene Bromide	74-95-3	ug/L	11/18/2021	0.330	1.00		<0.330
MW-1	d	Ethylbenzene	100-41-4	ug/L	11/18/2021	0.310	1.00		<0.310
MW-1	d	Iodomethane	74-88-4	ug/L	11/18/2021	7.00	10.0		<7.00
MW-1	d	Methylene Chloride	75-09-2	ug/L	11/18/2021	1.70	5.00		<1.70
MW-1	d	Styrene	100-42-5	ug/L	11/18/2021	0.370	1.00		<0.370
MW-1	d	Tetrachloroethene	127-18-4	ug/L	11/18/2021	0.480	1.00		<0.480
MW-1	d	Toluene	108-88-3	ug/L	11/18/2021	0.430	1.00		<0.430
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/18/2021	0.270	1.00		<0.270
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/18/2021	0.560	5.00		<0.560
MW-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/18/2021	1.10	10.0		<1.10
MW-1	d	Trichloroethene	79-01-6	ug/L	11/18/2021	0.430	1.00		<0.430
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	11/18/2021	0.380	4.00		<0.380
MW-1	d	Vinyl Acetate	108-05-4	ug/L	11/18/2021	2.50	10.0		<2.50
MW-1	d	Vinyl Chloride	75-01-4	ug/L	11/18/2021	0.180	1.00		<0.180
MW-1	d	Xylenes, total	1330-20-7	ug/L	11/18/2021	0.400	3.00		<0.400
MW-1	d	Total Suspended Solids	TSS	mg/L	11/18/2021	1.28	3.75	J	3
MW-12	d	Antimony	7440-36-0	mg/L	11/18/2021	0.00110	0.00200		<0.00110
MW-12	d	Arsenic	7440-38-2	mg/L	11/18/2021	0.000750	0.00200	J	0.000859
MW-12	d	Barium	7440-39-3	mg/L	11/18/2021	0.000370	0.00200		0.0778
MW-12	d	Beryllium	7440-41-7	mg/L	11/18/2021	0.000270	0.00100		<0.000270
MW-12	d	Cadmium	7440-43-9	mg/L	11/18/2021	0.0000510	0.000100		<0.0000510
MW-12	d	Chromium	7440-47-3	mg/L	11/18/2021	0.00110	0.00500		<0.00110
MW-12	d	Cobalt	7440-48-4	mg/L	11/18/2021	0.000190	0.000500		0.00370
MW-12	d	Copper	7440-50-8	mg/L	11/18/2021	0.00140	0.00500		<0.00140
MW-12	d	Lead	7439-92-1	mg/L	11/18/2021	0.000210	0.000500	J	0.000389
MW-12	d	Nickel	7440-02-0	mg/L	11/18/2021	0.00190	0.00500		0.0244
MW-12	d	Selenium	7782-49-2	mg/L	11/18/2021	0.000960	0.00500		<0.000960
MW-12	d	Silver	7440-22-4	mg/L	11/18/2021	0.000420	0.00100		<0.000420
MW-12	d	Thallium	7440-28-0	mg/L	11/18/2021	0.000260	0.00100		<0.000260
MW-12	d	Vanadium	7440-62-2	mg/L	11/18/2021	0.00110	0.00500	J	0.00117
MW-12	d	Zinc	7440-66-6	mg/L	11/18/2021	0.0100	0.0200		<0.0100
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/18/2021	0.380	1.00		<0.380
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/18/2021	0.190	1.00		<0.190
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/18/2021	0.470	1.00		<0.470
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/18/2021	0.450	1.00		<0.450
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	11/18/2021	0.220	1.00		<0.220
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	11/18/2021	0.560	2.00		<0.560
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/18/2021	0.590	1.00		<0.590
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/18/2021	1.20	1.20		<1.20
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/18/2021	0.340	0.340		<0.340
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/18/2021	0.370	1.00		<0.370
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	11/18/2021	0.390	1.00		<0.390

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	11/18/2021	0.270	1.00		<0.270
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/18/2021	0.230	1.00		<0.230
MW-12	d	2-Butanone	78-93-3	ug/L	11/18/2021	2.10	10.0		<2.10
MW-12	d	2-Hexanone	591-78-6	ug/L	11/18/2021	2.00	10.0		<2.00
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/18/2021	2.10	10.0		<2.10
MW-12	d	Acetone	67-64-1	ug/L	11/18/2021	3.10	10.0		<3.10
MW-12	d	Acrylonitrile	107-13-1	ug/L	11/18/2021	2.20	10.0		<2.20
MW-12	d	Benzene	71-43-2	ug/L	11/18/2021	0.220	0.500		<0.220
MW-12	d	Bromochloromethane	74-97-5	ug/L	11/18/2021	0.540	5.00		<0.540
MW-12	d	Bromodichloromethane	75-27-4	ug/L	11/18/2021	0.390	1.00		<0.390
MW-12	d	Bromoform	75-25-2	ug/L	11/18/2021	0.780	5.00		<0.780
MW-12	d	Bromomethane	74-83-9	ug/L	11/18/2021	1.10	4.00		<1.10
MW-12	d	Carbon Disulfide	75-15-0	ug/L	11/18/2021	0.450	1.00		<0.450
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	11/18/2021	0.650	2.00		<0.650
MW-12	d	Chlorobenzene	108-90-7	ug/L	11/18/2021	0.400	1.00		<0.400
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	11/18/2021	0.750	5.00		<0.750
MW-12	d	Chloroethane	75-00-3	ug/L	11/18/2021	0.790	4.00		<0.790
MW-12	d	Chloroform	67-66-3	ug/L	11/18/2021	1.30	3.00		<1.30
MW-12	d	Chloromethane	74-87-3	ug/L	11/18/2021	0.610	3.00		<0.610
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/18/2021	0.210	1.00		<0.210
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/18/2021	0.250	5.00		<0.250
MW-12	d	Methylene Bromide	74-95-3	ug/L	11/18/2021	0.330	1.00		<0.330
MW-12	d	Ethylbenzene	100-41-4	ug/L	11/18/2021	0.310	1.00		<0.310
MW-12	d	Iodomethane	74-88-4	ug/L	11/18/2021	7.00	10.0		<7.00
MW-12	d	Methylene Chloride	75-09-2	ug/L	11/18/2021	1.70	5.00		<1.70
MW-12	d	Styrene	100-42-5	ug/L	11/18/2021	0.370	1.00		<0.370
MW-12	d	Tetrachloroethene	127-18-4	ug/L	11/18/2021	0.480	1.00		<0.480
MW-12	d	Toluene	108-88-3	ug/L	11/18/2021	0.430	1.00		<0.430
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/18/2021	0.270	1.00		<0.270
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/18/2021	0.560	5.00		<0.560
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/18/2021	1.10	10.0		<1.10
MW-12	d	Trichloroethene	79-01-6	ug/L	11/18/2021	0.430	1.00		<0.430
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	11/18/2021	0.380	4.00		<0.380
MW-12	d	Vinyl Acetate	108-05-4	ug/L	11/18/2021	2.50	10.0		<2.50
MW-12	d	Vinyl Chloride	75-01-4	ug/L	11/18/2021	0.180	1.00		<0.180
MW-12	d	Xylenes, total	1330-20-7	ug/L	11/18/2021	0.400	3.00		<0.400
MW-12	d	Total Suspended Solids	TSS	mg/L	11/18/2021	0.638	1.88		2.88
MW-3	d	Antimony	7440-36-0	mg/L	11/18/2021	0.00440	0.00800		<0.00440
MW-3	d	Arsenic	7440-38-2	mg/L	11/18/2021	0.000750	0.00200		0.0368
MW-3	d	Barium	7440-39-3	mg/L	11/18/2021	0.00148	0.00800		1.5
MW-3	d	Beryllium	7440-41-7	mg/L	11/18/2021	0.000270	0.00100		<0.000270
MW-3	d	Cadmium	7440-43-9	mg/L	11/18/2021	0.0000510	0.000100		0.000465
MW-3	d	Chromium	7440-47-3	mg/L	11/18/2021	0.00110	0.00500		0.0295
MW-3	d	Cobalt	7440-48-4	mg/L	11/18/2021	0.000190	0.000500		0.0187
MW-3	d	Copper	7440-50-8	mg/L	11/18/2021	0.00140	0.00500	J	0.0031
MW-3	d	Lead	7439-92-1	mg/L	11/18/2021	0.000210	0.000500		0.00584
MW-3	d	Nickel	7440-02-0	mg/L	11/18/2021	0.00190	0.00500		0.103
MW-3	d	Selenium	7782-49-2	mg/L	11/18/2021	0.000960	0.00500	J	0.00207
MW-3	d	Silver	7440-22-4	mg/L	11/18/2021	0.000420	0.00100		<0.000420
MW-3	d	Thallium	7440-28-0	mg/L	11/18/2021	0.000260	0.00100		<0.000260
MW-3	d	Vanadium	7440-62-2	mg/L	11/18/2021	0.00110	0.00500		0.0166
MW-3	d	Zinc	7440-66-6	mg/L	11/18/2021	0.0100	0.0200		0.0586
MW-3	d	Tin	7440-31-5	mg/L	11/18/2021	0.00300	0.00500		0.00563
MW-3	d	Endosulfan I	959-98-8	ug/L	11/18/2021	0.0116	0.0337		0.17
MW-3	d	Endosulfan II	33213-65-9	ug/L	11/18/2021	0.00853	0.0337		<0.00853
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/18/2021	3.80	10.0		<3.80
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/18/2021	1.90	10.0		<1.90
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/18/2021	4.70	10.0		<4.70
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/18/2021	4.50	10.0		<4.50
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	11/18/2021	2.20	10.0		<2.20
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	11/18/2021	5.60	20.0		<5.60
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/18/2021	5.90	10.0		<5.90
MW-3	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/18/2021	12.0	12.0		<12.0
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/18/2021	3.40	3.40		<3.40
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/18/2021	3.70	10.0		<3.70
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	11/18/2021	3.90	10.0		<3.90
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	11/18/2021	2.70	10.0		<2.70
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/18/2021	2.30	10.0		<2.30
MW-3	d	2-Butanone	78-93-3	ug/L	11/18/2021	21.0	100		<21.0
MW-3	d	2-Hexanone	591-78-6	ug/L	11/18/2021	20.0	100		<20.0
MW-3	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/18/2021	21.0	100		<21.0
MW-3	d	Acetone	67-64-1	ug/L	11/18/2021	31.0	100		<31.0
MW-3	d	Acrylonitrile	107-13-1	ug/L	11/18/2021	22.0	100		<22.0
MW-3	d	Benzene	71-43-2	ug/L	11/18/2021	2.20	5.00	J	3.39
MW-3	d	Bromochloromethane	74-97-5	ug/L	11/18/2021	5.40	50.0		<5.40
MW-3	d	Bromodichloromethane	75-27-4	ug/L	11/18/2021	3.90	10.0		<3.90
MW-3	d	Bromoform	75-25-2	ug/L	11/18/2021	7.80	50.0		<7.80
MW-3	d	Bromomethane	74-83-9	ug/L	11/18/2021	11.0	40.0		<11.0
MW-3	d	Carbon Disulfide	75-15-0	ug/L	11/18/2021	4.50	10.0		<4.50

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	11/18/2021	6.50	20.0		<6.50
MW-3	d	Chlorobenzene	108-90-7	ug/L	11/18/2021	4.00	10.0		<4.00
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	11/18/2021	7.50	50.0		<7.50
MW-3	d	Chloroethane	75-00-3	ug/L	11/18/2021	7.90	40.0		<7.90
MW-3	d	Chloroform	67-66-3	ug/L	11/18/2021	13.0	30.0		<13.0
MW-3	d	Chloromethane	74-87-3	ug/L	11/18/2021	6.10	30.0		<6.10
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/18/2021	2.10	10.0		<2.10
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/18/2021	2.50	50.0		<2.50
MW-3	d	Methylene Bromide	74-95-3	ug/L	11/18/2021	3.30	10.0		<3.30
MW-3	d	Ethylbenzene	100-41-4	ug/L	11/18/2021	3.10	10.0	J	4.32
MW-3	d	Iodomethane	74-88-4	ug/L	11/18/2021	70.0	100		<70.0
MW-3	d	Methylene Chloride	75-09-2	ug/L	11/18/2021	17.0	50.0		<17.0
MW-3	d	Styrene	100-42-5	ug/L	11/18/2021	3.70	10.0		<3.70
MW-3	d	Tetrachloroethene	127-18-4	ug/L	11/18/2021	4.80	10.0		<4.80
MW-3	d	Toluene	108-88-3	ug/L	11/18/2021	4.30	10.0		<4.30
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/18/2021	2.70	10.0		<2.70
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/18/2021	5.60	50.0		<5.60
MW-3	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/18/2021	11.0	100		<11.0
MW-3	d	Trichloroethene	79-01-6	ug/L	11/18/2021	4.30	10.0		<4.30
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	11/18/2021	3.80	40.0		<3.80
MW-3	d	Vinyl Acetate	108-05-4	ug/L	11/18/2021	25.0	100		<25.0
MW-3	d	Vinyl Chloride	75-01-4	ug/L	11/18/2021	1.80	10.0		<1.80
MW-3	d	Xylenes, total	1330-20-7	ug/L	11/18/2021	4.00	30.0	J	20.1
MW-3	d	Dimethyl phthalate	131-11-3	ug/L	11/18/2021	2.63	10.5		<2.63
MW-3	d	Sulfide	18496-25-8	mg/L	11/18/2021	0.231	1.00		6.41
MW-3	d	Total Suspended Solids	TSS	mg/L	11/18/2021	10.2	30.0		88
MW-6A	u	Antimony	7440-36-0	mg/L	11/18/2021	0.00110	0.00200		<0.00110
MW-6A	u	Arsenic	7440-38-2	mg/L	11/18/2021	0.000750	0.00200		<0.000750
MW-6A	u	Barium	7440-39-3	mg/L	11/18/2021	0.000370	0.00200		0.263
MW-6A	u	Beryllium	7440-41-7	mg/L	11/18/2021	0.000270	0.00100		<0.000270
MW-6A	u	Cadmium	7440-43-9	mg/L	11/18/2021	0.0000510	0.000100		<0.0000510
MW-6A	u	Chromium	7440-47-3	mg/L	11/18/2021	0.00110	0.00500		<0.00110
MW-6A	u	Cobalt	7440-48-4	mg/L	11/18/2021	0.000190	0.000500		<0.000190
MW-6A	u	Copper	7440-50-8	mg/L	11/18/2021	0.00140	0.00500		<0.00140
MW-6A	u	Lead	7439-92-1	mg/L	11/18/2021	0.000210	0.000500		<0.000210
MW-6A	u	Nickel	7440-02-0	mg/L	11/18/2021	0.00190	0.00500		<0.00190
MW-6A	u	Selenium	7782-49-2	mg/L	11/18/2021	0.000960	0.00500		<0.000960
MW-6A	u	Silver	7440-22-4	mg/L	11/18/2021	0.000420	0.00100		<0.000420
MW-6A	u	Thallium	7440-28-0	mg/L	11/18/2021	0.000260	0.00100		<0.000260
MW-6A	u	Vanadium	7440-62-2	mg/L	11/18/2021	0.00110	0.00500	J	0.00116
MW-6A	u	Zinc	7440-66-6	mg/L	11/18/2021	0.0100	0.0200		<0.0100
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/18/2021	0.380	1.00		<0.380
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	11/18/2021	0.190	1.00		<0.190
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/18/2021	0.470	1.00		<0.470
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	11/18/2021	0.450	1.00		<0.450
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	11/18/2021	0.220	1.00		<0.220
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	11/18/2021	0.560	2.00		<0.560
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	11/18/2021	0.590	1.00		<0.590
MW-6A	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/18/2021	1.20	1.20		<1.20
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/18/2021	0.340	0.340		<0.340
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	11/18/2021	0.370	1.00		<0.370
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	11/18/2021	0.390	1.00		<0.390
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	11/18/2021	0.270	1.00		<0.270
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	11/18/2021	0.230	1.00		<0.230
MW-6A	u	2-Butanone	78-93-3	ug/L	11/18/2021	2.10	10.0		<2.10
MW-6A	u	2-Hexanone	591-78-6	ug/L	11/18/2021	2.00	10.0		<2.00
MW-6A	u	4-Methyl-2-Pentanone	108-10-1	ug/L	11/18/2021	2.10	10.0		<2.10
MW-6A	u	Acetone	67-64-1	ug/L	11/18/2021	3.10	10.0		<3.10
MW-6A	u	Acrylonitrile	107-13-1	ug/L	11/18/2021	2.20	10.0		<2.20
MW-6A	u	Benzene	71-43-2	ug/L	11/18/2021	0.220	0.500		<0.220
MW-6A	u	Bromochloromethane	74-97-5	ug/L	11/18/2021	0.540	5.00		<0.540
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	11/18/2021	0.390	1.00		<0.390
MW-6A	u	Bromoform	75-25-2	ug/L	11/18/2021	0.780	5.00		<0.780
MW-6A	u	Bromomethane	74-83-9	ug/L	11/18/2021	1.10	4.00		<1.10
MW-6A	u	Carbon Disulfide	75-15-0	ug/L	11/18/2021	0.450	1.00		<0.450
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	11/18/2021	0.650	2.00		<0.650
MW-6A	u	Chlorobenzene	108-90-7	ug/L	11/18/2021	0.400	1.00		<0.400
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	11/18/2021	0.750	5.00		<0.750
MW-6A	u	Chloroethane	75-00-3	ug/L	11/18/2021	0.790	4.00		<0.790
MW-6A	u	Chloroform	67-66-3	ug/L	11/18/2021	1.30	3.00		<1.30
MW-6A	u	Chloromethane	74-87-3	ug/L	11/18/2021	0.610	3.00		<0.610
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	11/18/2021	0.210	1.00		<0.210
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/18/2021	0.250	5.00		<0.250
MW-6A	u	Methylene Bromide	74-95-3	ug/L	11/18/2021	0.330	1.00		<0.330
MW-6A	u	Ethylbenzene	100-41-4	ug/L	11/18/2021	0.310	1.00		<0.310
MW-6A	u	Iodomethane	74-88-4	ug/L	11/18/2021	7.00	10.0		<7.00
MW-6A	u	Methylene Chloride	75-09-2	ug/L	11/18/2021	1.70	5.00		<1.70
MW-6A	u	Styrene	100-42-5	ug/L	11/18/2021	0.370	1.00		<0.370
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	11/18/2021	0.480	1.00		<0.480

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Toluene	108-88-3	ug/L	11/18/2021	0.430	1.00		<0.430
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	11/18/2021	0.270	1.00		<0.270
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/18/2021	0.560	5.00		<0.560
MW-6A	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/18/2021	1.10	10.0		<1.10
MW-6A	u	Trichloroethene	79-01-6	ug/L	11/18/2021	0.430	1.00		<0.430
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	11/18/2021	0.380	4.00		<0.380
MW-6A	u	Vinyl Acetate	108-05-4	ug/L	11/18/2021	2.50	10.0		<2.50
MW-6A	u	Vinyl Chloride	75-01-4	ug/L	11/18/2021	0.180	1.00		<0.180
MW-6A	u	Xylenes, total	1330-20-7	ug/L	11/18/2021	0.400	3.00		<0.400
MW-6A	u	Total Suspended Solids	TSS	mg/L	11/18/2021	0.638	1.88	J	1.75
MW-28	u	Antimony	7440-36-0	mg/L	11/30/2021	0.00110	0.00200		<0.00110
MW-28	u	Arsenic	7440-38-2	mg/L	11/30/2021	0.000750	0.00200		<0.000750
MW-28	u	Barium	7440-39-3	mg/L	11/30/2021	0.000370	0.00200		0.0617
MW-28	u	Beryllium	7440-41-7	mg/L	11/30/2021	0.000270	0.00100		<0.000270
MW-28	u	Cadmium	7440-43-9	mg/L	11/30/2021	0.0000510	0.000100		0.000205
MW-28	u	Chromium	7440-47-3	mg/L	11/30/2021	0.00110	0.00500		<0.00110
MW-28	u	Cobalt	7440-48-4	mg/L	11/30/2021	0.000190	0.000500		<0.000190
MW-28	u	Copper	7440-50-8	mg/L	11/30/2021	0.00140	0.00500		<0.00140
MW-28	u	Lead	7439-92-1	mg/L	11/30/2021	0.000210	0.000500		<0.000210
MW-28	u	Nickel	7440-02-0	mg/L	11/30/2021	0.00190	0.00500		0.00892
MW-28	u	Selenium	7782-49-2	mg/L	11/30/2021	0.000960	0.00500	J	0.00181
MW-28	u	Silver	7440-22-4	mg/L	11/30/2021	0.000420	0.00100		<0.000420
MW-28	u	Thallium	7440-28-0	mg/L	11/30/2021	0.000260	0.00100		<0.000260
MW-28	u	Vanadium	7440-62-2	mg/L	11/30/2021	0.00110	0.00500		<0.00110
MW-28	u	Zinc	7440-66-6	mg/L	11/30/2021	0.0100	0.0200		<0.0100
MW-28	u	Total Suspended Solids	TSS	mg/L	11/30/2021	0.638	1.88		2.13
MW-2AR	d	Antimony	7440-36-0	mg/L	11/30/2021	0.00110	0.00200		<0.00110
MW-2AR	d	Arsenic	7440-38-2	mg/L	11/30/2021	0.000750	0.00200		0.0728
MW-2AR	d	Barium	7440-39-3	mg/L	11/30/2021	0.000370	0.00200		0.716
MW-2AR	d	Beryllium	7440-41-7	mg/L	11/30/2021	0.000270	0.00100		<0.000270
MW-2AR	d	Cadmium	7440-43-9	mg/L	11/30/2021	0.0000510	0.000100		<0.0000510
MW-2AR	d	Chromium	7440-47-3	mg/L	11/30/2021	0.00110	0.00500		<0.00110
MW-2AR	d	Cobalt	7440-48-4	mg/L	11/30/2021	0.000190	0.000500		0.00148
MW-2AR	d	Copper	7440-50-8	mg/L	11/30/2021	0.00140	0.00500		<0.00140
MW-2AR	d	Lead	7439-92-1	mg/L	11/30/2021	0.000210	0.000500		<0.000210
MW-2AR	d	Nickel	7440-02-0	mg/L	11/30/2021	0.00190	0.00500		0.0201
MW-2AR	d	Selenium	7782-49-2	mg/L	11/30/2021	0.000960	0.00500		<0.000960
MW-2AR	d	Silver	7440-22-4	mg/L	11/30/2021	0.000420	0.00100		<0.000420
MW-2AR	d	Thallium	7440-28-0	mg/L	11/30/2021	0.000260	0.00100		<0.000260
MW-2AR	d	Vanadium	7440-62-2	mg/L	11/30/2021	0.00110	0.00500	J	0.00124
MW-2AR	d	Zinc	7440-66-6	mg/L	11/30/2021	0.0100	0.0200		<0.0100
MW-2AR	d	Acetone	67-64-1	ug/L	11/30/2021	3.10	10.0		<3.10
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	11/30/2021	2.20	10.0		<2.20
MW-2AR	d	Benzene	71-43-2	ug/L	11/30/2021	0.220	0.500		0.707
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	11/30/2021	0.540	5.00		<0.540
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	11/30/2021	0.390	1.00		<0.390
MW-2AR	d	Bromoform	75-25-2	ug/L	11/30/2021	0.780	5.00		<0.780
MW-2AR	d	Bromomethane	74-83-9	ug/L	11/30/2021	1.10	4.00		<1.10
MW-2AR	d	2-Butanone	78-93-3	ug/L	11/30/2021	2.10	10.0		<2.10
MW-2AR	d	Carbon Disulfide	75-15-0	ug/L	11/30/2021	0.450	1.00		<0.450
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2021	0.650	2.00		<0.650
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	11/30/2021	0.400	1.00		1.82
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2021	0.750	5.00		<0.750
MW-2AR	d	Chloroethane	75-00-3	ug/L	11/30/2021	0.790	4.00	J	1.16
MW-2AR	d	Chloroform	67-66-3	ug/L	11/30/2021	1.30	3.00		<1.30
MW-2AR	d	Chloromethane	74-87-3	ug/L	11/30/2021	0.610	3.00		<0.610
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2021	0.210	1.00		<0.210
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2021	0.250	5.00		<0.250
MW-2AR	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2021	1.20	1.20		<1.20
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2021	0.340	0.340		<0.340
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	11/30/2021	0.330	1.00		<0.330
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2021	0.370	1.00		<0.370
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2021	0.230	1.00		<0.230
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2021	0.220	1.00		<0.220
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2021	0.390	1.00		<0.390
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2021	0.560	2.00		<0.560
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2021	0.270	1.00		<0.270
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	11/30/2021	0.310	1.00		<0.310
MW-2AR	d	2-Hexanone	591-78-6	ug/L	11/30/2021	2.00	10.0		<2.00
MW-2AR	d	Iodomethane	74-88-4	ug/L	11/30/2021	7.00	10.0		<7.00
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	11/30/2021	1.70	5.00		<1.70
MW-2AR	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2021	2.10	10.0		<2.10
MW-2AR	d	Styrene	100-42-5	ug/L	11/30/2021	0.370	1.00		<0.370
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2021	0.380	1.00		<0.380
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2021	0.470	1.00		<0.470
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	11/30/2021	0.480	1.00		<0.480
MW-2AR	d	Toluene	108-88-3	ug/L	11/30/2021	0.430	1.00		<0.430
MW-2AR	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2021	1.10	10.0		<1.10
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2021	0.270	1.00		<0.270

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2021	0.560	5.00		<0.560
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2021	0.190	1.00		<0.190
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2021	0.450	1.00		<0.450
MW-2AR	d	Trichloroethene	79-01-6	ug/L	11/30/2021	0.430	1.00		<0.430
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2021	0.380	4.00		<0.380
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2021	0.590	1.00		<0.590
MW-2AR	d	Vinyl Acetate	108-05-4	ug/L	11/30/2021	2.50	10.0		<2.50
MW-2AR	d	Vinyl Chloride	75-01-4	ug/L	11/30/2021	0.180	1.00		<0.180
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	11/30/2021	0.400	3.00		<0.400
MW-2AR	d	Total Suspended Solids	TSS	mg/L	11/30/2021	10.2	30.0		92.0
MW-2BR	d	Arsenic	7440-38-2	mg/L	11/30/2021	0.000750	0.00200		0.00716
MW-2BR	d	Total Suspended Solids	TSS	mg/L	11/30/2021	5.10	15.0		36.0
MW-9B	d	Antimony	7440-36-0	mg/L	11/30/2021	0.00110	0.00200		<0.00110
MW-9B	d	Arsenic	7440-38-2	mg/L	11/30/2021	0.000750	0.00200	J	0.00144
MW-9B	d	Barium	7440-39-3	mg/L	11/30/2021	0.000370	0.00200		0.0395
MW-9B	d	Beryllium	7440-41-7	mg/L	11/30/2021	0.000270	0.00100		<0.000270
MW-9B	d	Cadmium	7440-43-9	mg/L	11/30/2021	0.0000510	0.000100		0.000210
MW-9B	d	Chromium	7440-47-3	mg/L	11/30/2021	0.00110	0.00500		<0.00110
MW-9B	d	Cobalt	7440-48-4	mg/L	11/30/2021	0.000190	0.000500		0.0129
MW-9B	d	Copper	7440-50-8	mg/L	11/30/2021	0.00140	0.00500	J	0.00246
MW-9B	d	Lead	7439-92-1	mg/L	11/30/2021	0.000210	0.000500		0.000931
MW-9B	d	Nickel	7440-02-0	mg/L	11/30/2021	0.00190	0.00500		0.0182
MW-9B	d	Selenium	7782-49-2	mg/L	11/30/2021	0.000960	0.00500		<0.000960
MW-9B	d	Silver	7440-22-4	mg/L	11/30/2021	0.000420	0.00100		<0.000420
MW-9B	d	Thallium	7440-28-0	mg/L	11/30/2021	0.000260	0.00100	J	0.000814
MW-9B	d	Vanadium	7440-62-2	mg/L	11/30/2021	0.00110	0.00500		<0.00110
MW-9B	d	Zinc	7440-66-6	mg/L	11/30/2021	0.0100	0.0200		<0.0100
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/30/2021	0.380	1.00		<0.380
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/30/2021	0.190	1.00		<0.190
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/30/2021	0.470	1.00		<0.470
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/30/2021	0.450	1.00		<0.450
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	11/30/2021	0.220	1.00		<0.220
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	11/30/2021	0.560	2.00		<0.560
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/30/2021	0.590	1.00		<0.590
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/30/2021	1.20	1.20		<1.20
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/30/2021	0.340	0.340		<0.340
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/30/2021	0.370	1.00		<0.370
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	11/30/2021	0.390	1.00		<0.390
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	11/30/2021	0.270	1.00		<0.270
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/30/2021	0.230	1.00		<0.230
MW-9B	d	2-Butanone	78-93-3	ug/L	11/30/2021	2.10	10.0		<2.10
MW-9B	d	2-Hexanone	591-78-6	ug/L	11/30/2021	2.00	10.0		<2.00
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/30/2021	2.10	10.0		<2.10
MW-9B	d	Acetone	67-64-1	ug/L	11/30/2021	3.10	10.0		<3.10
MW-9B	d	Acrylonitrile	107-13-1	ug/L	11/30/2021	2.20	10.0		<2.20
MW-9B	d	Benzene	71-43-2	ug/L	11/30/2021	0.220	0.500		<0.220
MW-9B	d	Bromochloromethane	74-97-5	ug/L	11/30/2021	0.540	5.00		<0.540
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	11/30/2021	0.390	1.00		<0.390
MW-9B	d	Bromoform	75-25-2	ug/L	11/30/2021	0.780	5.00		<0.780
MW-9B	d	Bromomethane	74-83-9	ug/L	11/30/2021	1.10	4.00		<1.10
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	11/30/2021	0.450	1.00		<0.450
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	11/30/2021	0.650	2.00		<0.650
MW-9B	d	Chlorobenzene	108-90-7	ug/L	11/30/2021	0.400	1.00		<0.400
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	11/30/2021	0.750	5.00		<0.750
MW-9B	d	Chloroethane	75-00-3	ug/L	11/30/2021	0.790	4.00		<0.790
MW-9B	d	Chloroform	67-66-3	ug/L	11/30/2021	1.30	3.00		<1.30
MW-9B	d	Chloromethane	74-87-3	ug/L	11/30/2021	0.610	3.00		<0.610
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/30/2021	0.210	1.00		<0.210
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/30/2021	0.250	5.00		<0.250
MW-9B	d	Methylene Bromide	74-95-3	ug/L	11/30/2021	0.330	1.00		<0.330
MW-9B	d	Ethylbenzene	100-41-4	ug/L	11/30/2021	0.310	1.00		<0.310
MW-9B	d	Iodomethane	74-88-4	ug/L	11/30/2021	7.00	10.0		<7.00
MW-9B	d	Methylene Chloride	75-09-2	ug/L	11/30/2021	1.70	5.00		<1.70
MW-9B	d	Styrene	100-42-5	ug/L	11/30/2021	0.370	1.00		<0.370
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	11/30/2021	0.480	1.00		<0.480
MW-9B	d	Toluene	108-88-3	ug/L	11/30/2021	0.430	1.00		<0.430
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/30/2021	0.270	1.00		<0.270
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/30/2021	0.560	5.00		<0.560
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/30/2021	1.10	10.0		<1.10
MW-9B	d	Trichloroethene	79-01-6	ug/L	11/30/2021	0.430	1.00		<0.430
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	11/30/2021	0.380	4.00		<0.380
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	11/30/2021	2.50	10.0		<2.50
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	11/30/2021	0.180	1.00		<0.180
MW-9B	d	Xylenes, total	1330-20-7	ug/L	11/30/2021	0.400	3.00		<0.400
MW-9B	d	Total Suspended Solids	TSS	mg/L	11/30/2021	1.28	3.75		23.3
MW-26	d	Antimony	7440-36-0	mg/L	2/25/2022	0.000690	0.00200	J	0.00189
MW-26	d	Arsenic	7440-38-2	mg/L	2/25/2022	0.000750	0.00200		<0.00200
MW-26	d	Barium	7440-39-3	mg/L	2/25/2022	0.000880	0.00200		0.181
MW-26	d	Beryllium	7440-41-7	mg/L	2/25/2022	0.000270	0.00100		<0.00100

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-26	d	Cadmium	7440-43-9	mg/L	2/25/2022	0.0000550	0.000100		0.000160
MW-26	d	Chromium	7440-47-3	mg/L	2/25/2022	0.00110	0.00500		<0.00500
MW-26	d	Cobalt	7440-48-4	mg/L	2/25/2022	0.000190	0.000500		0.000546
MW-26	d	Copper	7440-50-8	mg/L	2/25/2022	0.00180	0.00500		<0.00500
MW-26	d	Lead	7439-92-1	mg/L	2/25/2022	0.000240	0.000500		0.000672
MW-26	d	Nickel	7440-02-0	mg/L	2/25/2022	0.00190	0.00500	J	0.00239
MW-26	d	Selenium	7782-49-2	mg/L	2/25/2022	0.000960	0.00500	J	0.00154
MW-26	d	Silver	7440-22-4	mg/L	2/25/2022	0.000490	0.00100		<0.00100
MW-26	d	Thallium	7440-28-0	mg/L	2/25/2022	0.000260	0.00100		<0.00100
MW-26	d	Vanadium	7440-62-2	mg/L	2/25/2022	0.00110	0.00500	J	0.00134
MW-26	d	Zinc	7440-66-6	mg/L	2/25/2022	0.0100	0.0200		<0.0200
MW-26	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/25/2022	0.380	1.00		<1.00
MW-26	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/25/2022	0.190	1.00		<1.00
MW-26	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/25/2022	0.470	1.00		<1.00
MW-26	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/25/2022	0.450	1.00		<1.00
MW-26	d	1,1-Dichloroethane	75-34-3	ug/L	2/25/2022	0.220	1.00		<1.00
MW-26	d	1,1-Dichloroethene	75-35-4	ug/L	2/25/2022	0.560	2.00		<2.00
MW-26	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/25/2022	0.590	1.00		<1.00
MW-26	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/25/2022	1.20	1.20		<1.20
MW-26	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/25/2022	0.340	0.340		<0.340
MW-26	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/25/2022	0.370	1.00		<1.00
MW-26	d	1,2-Dichloroethane	107-06-2	ug/L	2/25/2022	0.390	1.00		<1.00
MW-26	d	1,2-Dichloropropane	78-87-5	ug/L	2/25/2022	0.270	1.00		<1.00
MW-26	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/25/2022	0.230	1.00		<1.00
MW-26	d	2-Butanone	78-93-3	ug/L	2/25/2022	2.10	10.0		<10.0
MW-26	d	2-Hexanone	591-78-6	ug/L	2/25/2022	2.00	10.0		<10.0
MW-26	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/25/2022	2.10	10.0		<10.0
MW-26	d	Acetone	67-64-1	ug/L	2/25/2022	3.10	10.0		<10.0
MW-26	d	Acrylonitrile	107-13-1	ug/L	2/25/2022	2.20	10.0		<10.0
MW-26	d	Benzene	71-43-2	ug/L	2/25/2022	0.220	0.500		<0.500
MW-26	d	Bromochloromethane	74-97-5	ug/L	2/25/2022	0.540	5.00		<5.00
MW-26	d	Bromodichloromethane	75-27-4	ug/L	2/25/2022	0.390	1.00		<1.00
MW-26	d	Bromoform	75-25-2	ug/L	2/25/2022	0.780	5.00		<5.00
MW-26	d	Bromomethane	74-83-9	ug/L	2/25/2022	1.10	4.00		<4.00
MW-26	d	Carbon Disulfide	75-15-0	ug/L	2/25/2022	0.450	1.00	*,	<1.00
MW-26	d	Carbon Tetrachloride	56-23-5	ug/L	2/25/2022	0.650	2.00		<2.00
MW-26	d	Chlorobenzene	108-90-7	ug/L	2/25/2022	0.400	1.00		<1.00
MW-26	d	Chlorodibromomethane	124-48-1	ug/L	2/25/2022	0.750	5.00		<5.00
MW-26	d	Chloroethane	75-00-3	ug/L	2/25/2022	0.790	4.00		<4.00
MW-26	d	Chloroform	67-66-3	ug/L	2/25/2022	1.30	3.00		<3.00
MW-26	d	Chloromethane	74-87-3	ug/L	2/25/2022	0.610	3.00		<3.00
MW-26	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/25/2022	0.210	1.00		<1.00
MW-26	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/25/2022	0.250	5.00		<5.00
MW-26	d	Methylene Bromide	74-95-3	ug/L	2/25/2022	0.330	1.00		<1.00
MW-26	d	Ethylbenzene	100-41-4	ug/L	2/25/2022	0.310	1.00		<1.00
MW-26	d	Iodomethane	74-88-4	ug/L	2/25/2022	7.00	10.0		<10.0
MW-26	d	Methylene Chloride	75-09-2	ug/L	2/25/2022	1.70	5.00		<5.00
MW-26	d	Styrene	100-42-5	ug/L	2/25/2022	0.370	1.00		<1.00
MW-26	d	Tetrachloroethene	127-18-4	ug/L	2/25/2022	0.480	1.00		<1.00
MW-26	d	Toluene	108-88-3	ug/L	2/25/2022	0.430	1.00		<1.00
MW-26	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/25/2022	0.270	1.00		<1.00
MW-26	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/25/2022	0.560	5.00		<5.00
MW-26	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/25/2022	1.10	10.0		<10.0
MW-26	d	Trichloroethene	79-01-6	ug/L	2/25/2022	0.430	1.00		<1.00
MW-26	d	Trichlorofluoromethane	75-69-4	ug/L	2/25/2022	0.380	4.00		<4.00
MW-26	d	Vinyl Acetate	108-05-4	ug/L	2/25/2022	2.50	10.0		<10.0
MW-26	d	Vinyl Chloride	75-01-4	ug/L	2/25/2022	0.180	1.00		<1.00
MW-26	d	Xylenes, total	1330-20-7	ug/L	2/25/2022	0.400	3.00		<3.00
MW-26	d	Total Suspended Solids	TSS	mg/L	2/25/2022	3.40	10.0		103
MW-27	d	Antimony	7440-36-0	mg/L	2/25/2022	0.000690	0.00200	J	0.000749
MW-27	d	Arsenic	7440-38-2	mg/L	2/25/2022	0.000750	0.00200	J	0.00111
MW-27	d	Barium	7440-39-3	mg/L	2/25/2022	0.000880	0.00200		0.0446
MW-27	d	Beryllium	7440-41-7	mg/L	2/25/2022	0.000270	0.00100		<0.00100
MW-27	d	Cadmium	7440-43-9	mg/L	2/25/2022	0.0000550	0.000100		<0.000100
MW-27	d	Chromium	7440-47-3	mg/L	2/25/2022	0.00110	0.00500		<0.00500
MW-27	d	Cobalt	7440-48-4	mg/L	2/25/2022	0.000190	0.000500		0.000669
MW-27	d	Copper	7440-50-8	mg/L	2/25/2022	0.00180	0.00500		<0.00500
MW-27	d	Lead	7439-92-1	mg/L	2/25/2022	0.000240	0.000500		0.00101
MW-27	d	Nickel	7440-02-0	mg/L	2/25/2022	0.00190	0.00500	J	0.00374
MW-27	d	Selenium	7782-49-2	mg/L	2/25/2022	0.000960	0.00500		<0.00500
MW-27	d	Silver	7440-22-4	mg/L	2/25/2022	0.000490	0.00100		<0.00100
MW-27	d	Thallium	7440-28-0	mg/L	2/25/2022	0.000260	0.00100		<0.00100
MW-27	d	Vanadium	7440-62-2	mg/L	2/25/2022	0.00110	0.00500	J	0.00175
MW-27	d	Zinc	7440-66-6	mg/L	2/25/2022	0.0100	0.0200		<0.0200
MW-27	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/25/2022	0.380	1.00		<1.00
MW-27	d	1,1,1-Trichloroethane	71-55-6	ug/L	2/25/2022	0.190	1.00		<1.00
MW-27	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/25/2022	0.470	2.00		<2.00
MW-27	d	1,1,2-Trichloroethane	79-00-5	ug/L	2/25/2022	0.450	1.00		<1.00
MW-27	d	1,1-Dichloroethane	75-34-3	ug/L	2/25/2022	0.220	1.00		<1.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-27	d	1,1-Dichloroethene	75-35-4	ug/L	2/25/2022	0.560	2.00		<2.00
MW-27	d	1,2,3-Trichloropropane	96-18-4	ug/L	2/25/2022	0.590	1.00		<1.00
MW-27	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/25/2022	1.20	1.20		<1.20
MW-27	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/25/2022	0.340	0.340		<0.340
MW-27	d	1,2-Dichlorobenzene	95-50-1	ug/L	2/25/2022	0.370	1.00		<1.00
MW-27	d	1,2-Dichloroethane	107-06-2	ug/L	2/25/2022	0.390	1.00		<1.00
MW-27	d	1,2-Dichloropropane	78-87-5	ug/L	2/25/2022	0.270	1.00		<1.00
MW-27	d	1,4-Dichlorobenzene	106-46-7	ug/L	2/25/2022	0.230	1.00		<1.00
MW-27	d	2-Butanone	78-93-3	ug/L	2/25/2022	2.10	10.0		<10.0
MW-27	d	2-Hexanone	591-78-6	ug/L	2/25/2022	2.00	10.0		<10.0
MW-27	d	4-Methyl-2-Pentanone	108-10-1	ug/L	2/25/2022	2.10	10.0		<10.0
MW-27	d	Acetone	67-64-1	ug/L	2/25/2022	3.10	10.0		<10.0
MW-27	d	Acrylonitrile	107-13-1	ug/L	2/25/2022	2.20	10.0		<10.0
MW-27	d	Benzene	71-43-2	ug/L	2/25/2022	0.220	0.500		<0.500
MW-27	d	Bromochloromethane	74-97-5	ug/L	2/25/2022	0.540	5.00		<5.00
MW-27	d	Bromodichloromethane	75-27-4	ug/L	2/25/2022	0.390	1.00		<1.00
MW-27	d	Bromoform	75-25-2	ug/L	2/25/2022	0.780	5.00		<5.00
MW-27	d	Bromomethane	74-83-9	ug/L	2/25/2022	1.10	4.00		<4.00
MW-27	d	Carbon Disulfide	75-15-0	ug/L	2/25/2022	0.450	1.00		<1.00
MW-27	d	Carbon Tetrachloride	56-23-5	ug/L	2/25/2022	0.650	2.00		<2.00
MW-27	d	Chlorobenzene	108-90-7	ug/L	2/25/2022	0.400	1.00		<1.00
MW-27	d	Chlorodibromomethane	124-48-1	ug/L	2/25/2022	0.750	5.00		<5.00
MW-27	d	Chloroethane	75-00-3	ug/L	2/25/2022	0.790	4.00		<4.00
MW-27	d	Chloroform	67-66-3	ug/L	2/25/2022	1.30	3.00		<3.00
MW-27	d	Chloromethane	74-87-3	ug/L	2/25/2022	0.610	3.00		<3.00
MW-27	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/25/2022	0.210	1.00		<1.00
MW-27	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/25/2022	0.250	5.00		<5.00
MW-27	d	Methylene Bromide	74-95-3	ug/L	2/25/2022	0.330	1.00		<1.00
MW-27	d	Ethylbenzene	100-41-4	ug/L	2/25/2022	0.310	1.00		<1.00
MW-27	d	Iodomethane	74-88-4	ug/L	2/25/2022	7.00	10.0		<10.0
MW-27	d	Methylene Chloride	75-09-2	ug/L	2/25/2022	1.70	5.00		<5.00
MW-27	d	Styrene	100-42-5	ug/L	2/25/2022	0.370	1.00		<1.00
MW-27	d	Tetrachloroethene	127-18-4	ug/L	2/25/2022	0.480	1.00		<1.00
MW-27	d	Toluene	108-88-3	ug/L	2/25/2022	0.430	1.00		<1.00
MW-27	d	trans-1,2-Dichloroethene	156-60-5	ug/L	2/25/2022	0.270	1.00		<1.00
MW-27	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/25/2022	0.560	5.00		<5.00
MW-27	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/25/2022	1.10	10.0		<10.0
MW-27	d	Trichloroethene	79-01-6	ug/L	2/25/2022	0.430	1.00		<1.00
MW-27	d	Trichlorofluoromethane	75-69-4	ug/L	2/25/2022	0.380	4.00		<4.00
MW-27	d	Vinyl Acetate	108-05-4	ug/L	2/25/2022	2.50	10.0		<10.0
MW-27	d	Vinyl Chloride	75-01-4	ug/L	2/25/2022	0.180	1.00		<1.00
MW-27	d	Xylenes, total	1330-20-7	ug/L	2/25/2022	0.400	3.00		<3.00
MW-27	d	Total Suspended Solids	TSS	mg/L	2/25/2022	2.55	7.50		126
MW-28	u	Antimony	7440-36-0	mg/L	2/25/2022	0.000690	0.00200		<0.00200
MW-28	u	Arsenic	7440-38-2	mg/L	2/25/2022	0.000750	0.00200		<0.00200
MW-28	u	Barium	7440-39-3	mg/L	2/25/2022	0.000880	0.00200		0.286
MW-28	u	Beryllium	7440-41-7	mg/L	2/25/2022	0.000270	0.00100		<0.00100
MW-28	u	Cadmium	7440-43-9	mg/L	2/25/2022	0.0000550	0.000100		<0.000100
MW-28	u	Chromium	7440-47-3	mg/L	2/25/2022	0.00110	0.00500		<0.00500
MW-28	u	Cobalt	7440-48-4	mg/L	2/25/2022	0.000190	0.000500	J	0.000473
MW-28	u	Copper	7440-50-8	mg/L	2/25/2022	0.00180	0.00500		<0.00500
MW-28	u	Lead	7439-92-1	mg/L	2/25/2022	0.000240	0.000500		0.00136
MW-28	u	Nickel	7440-02-0	mg/L	2/25/2022	0.00190	0.00500		<0.00500
MW-28	u	Selenium	7782-49-2	mg/L	2/25/2022	0.000960	0.00500		<0.00500
MW-28	u	Silver	7440-22-4	mg/L	2/25/2022	0.000490	0.00100		<0.00100
MW-28	u	Thallium	7440-28-0	mg/L	2/25/2022	0.000260	0.00100		<0.00100
MW-28	u	Vanadium	7440-62-2	mg/L	2/25/2022	0.00110	0.00500	J	0.00190
MW-28	u	Zinc	7440-66-6	mg/L	2/25/2022	0.0100	0.0200		<0.0200
MW-28	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/25/2022	0.380	1.00		<1.00
MW-28	u	1,1,1-Trichloroethane	71-55-6	ug/L	2/25/2022	0.190	1.00		<1.00
MW-28	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/25/2022	0.470	2.00		<2.00
MW-28	u	1,1,2-Trichloroethane	79-00-5	ug/L	2/25/2022	0.450	1.00		<1.00
MW-28	u	1,1-Dichloroethane	75-34-3	ug/L	2/25/2022	0.220	1.00		<1.00
MW-28	u	1,1-Dichloroethene	75-35-4	ug/L	2/25/2022	0.560	2.00		<2.00
MW-28	u	1,2,3-Trichloropropane	96-18-4	ug/L	2/25/2022	0.590	1.00		<1.00
MW-28	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/25/2022	1.20	1.20		<1.20
MW-28	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	2/25/2022	0.340	0.340		<0.340
MW-28	u	1,2-Dichlorobenzene	95-50-1	ug/L	2/25/2022	0.370	1.00		<1.00
MW-28	u	1,2-Dichloroethane	107-06-2	ug/L	2/25/2022	0.390	1.00		<1.00
MW-28	u	1,2-Dichloropropane	78-87-5	ug/L	2/25/2022	0.270	1.00		<1.00
MW-28	u	1,4-Dichlorobenzene	106-46-7	ug/L	2/25/2022	0.230	1.00		<1.00
MW-28	u	2-Butanone	78-93-3	ug/L	2/25/2022	2.10	10.0		<10.0
MW-28	u	2-Hexanone	591-78-6	ug/L	2/25/2022	2.00	10.0		<10.0
MW-28	u	4-Methyl-2-Pentanone	108-10-1	ug/L	2/25/2022	2.10	10.0		<10.0
MW-28	u	Acetone	67-64-1	ug/L	2/25/2022	3.10	10.0		<10.0
MW-28	u	Acrylonitrile	107-13-1	ug/L	2/25/2022	2.20	10.0		<10.0
MW-28	u	Benzene	71-43-2	ug/L	2/25/2022	0.220	0.500		<0.500
MW-28	u	Bromochloromethane	74-97-5	ug/L	2/25/2022	0.540	5.00		<5.00
MW-28	u	Bromodichloromethane	75-27-4	ug/L	2/25/2022	0.390	1.00		<1.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	Bromoform	75-25-2	ug/L	2/25/2022	0.780	5.00		<5.00
MW-28	u	Bromomethane	74-83-9	ug/L	2/25/2022	1.10	4.00		<4.00
MW-28	u	Carbon Disulfide	75-15-0	ug/L	2/25/2022	0.450	1.00		<1.00
MW-28	u	Carbon Tetrachloride	56-23-5	ug/L	2/25/2022	0.650	2.00		<2.00
MW-28	u	Chlorobenzene	108-90-7	ug/L	2/25/2022	0.400	1.00		<1.00
MW-28	u	Chlorodibromomethane	124-48-1	ug/L	2/25/2022	0.750	5.00		<5.00
MW-28	u	Chloroethane	75-00-3	ug/L	2/25/2022	0.790	4.00		<4.00
MW-28	u	Chloroform	67-66-3	ug/L	2/25/2022	1.30	3.00		<3.00
MW-28	u	Chloromethane	74-87-3	ug/L	2/25/2022	0.610	3.00		<3.00
MW-28	u	cis-1,2-Dichloroethene	156-59-2	ug/L	2/25/2022	0.210	1.00		<1.00
MW-28	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	2/25/2022	0.250	5.00		<5.00
MW-28	u	Methylene Bromide	74-95-3	ug/L	2/25/2022	0.330	1.00		<1.00
MW-28	u	Ethylbenzene	100-41-4	ug/L	2/25/2022	0.310	1.00		<1.00
MW-28	u	Iodomethane	74-88-4	ug/L	2/25/2022	7.00	10.0		<10.0
MW-28	u	Methylene Chloride	75-09-2	ug/L	2/25/2022	1.70	5.00		<5.00
MW-28	u	Styrene	100-42-5	ug/L	2/25/2022	0.370	1.00		<1.00
MW-28	u	Tetrachloroethene	127-18-4	ug/L	2/25/2022	0.480	1.00		<1.00
MW-28	u	Toluene	108-88-3	ug/L	2/25/2022	0.430	1.00		<1.00
MW-28	u	trans-1,2-Dichloroethene	156-60-5	ug/L	2/25/2022	0.270	1.00		<1.00
MW-28	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	2/25/2022	0.560	5.00		<5.00
MW-28	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/25/2022	1.10	10.0		<10.0
MW-28	u	Trichloroethene	79-01-6	ug/L	2/25/2022	0.430	1.00		<1.00
MW-28	u	Trichlorofluoromethane	75-69-4	ug/L	2/25/2022	0.380	4.00		<4.00
MW-28	u	Vinyl Acetate	108-05-4	ug/L	2/25/2022	2.50	10.0		<10.0
MW-28	u	Vinyl Chloride	75-01-4	ug/L	2/25/2022	0.180	1.00		<1.00
MW-28	u	Xylenes, total	1330-20-7	ug/L	2/25/2022	0.400	3.00		<3.00
MW-28	u	Total Suspended Solids	TSS	mg/L	2/25/2022	5.10	15.0		269
GDE	d	Barium	7440-39-3	mg/L	2/28/2022	0.000880	0.00200		0.125
GDE	d	Nickel	7440-02-0	mg/L	2/28/2022	0.00190	0.00500		0.00696
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	2/28/2022	0.210	1.00		<1.00
GDE	d	Total Suspended Solids	TSS	mg/L	2/28/2022	1.70	5.00		5.33
GDE	d	Antimony	7440-36-0	mg/L	3/28/2022	0.000690	0.00200		<0.00200
GDE	d	Arsenic	7440-38-2	mg/L	3/28/2022	0.000750	0.00200	J	0.000844
GDE	d	Barium	7440-39-3	mg/L	3/28/2022	0.000880	0.00200		0.157
GDE	d	Beryllium	7440-41-7	mg/L	3/28/2022	0.000270	0.00100		<0.00100
GDE	d	Cadmium	7440-43-9	mg/L	3/28/2022	0.0000550	0.000100		<0.000100
GDE	d	Chromium	7440-47-3	mg/L	3/28/2022	0.00110	0.00500		<0.00500
GDE	d	Cobalt	7440-48-4	mg/L	3/28/2022	0.000190	0.000500		0.00100
GDE	d	Copper	7440-50-8	mg/L	3/28/2022	0.00180	0.00500		<0.00500
GDE	d	Lead	7439-92-1	mg/L	3/28/2022	0.000240	0.000500		<0.000500
GDE	d	Nickel	7440-02-0	mg/L	3/28/2022	0.00190	0.00500		0.0148
GDE	d	Selenium	7782-49-2	mg/L	3/28/2022	0.000960	0.00500		<0.00500
GDE	d	Silver	7440-22-4	mg/L	3/28/2022	0.000490	0.00100		<0.00100
GDE	d	Thallium	7440-28-0	mg/L	3/28/2022	0.000260	0.00100		<0.00100
GDE	d	Vanadium	7440-62-2	mg/L	3/28/2022	0.00110	0.00500		<0.00500
GDE	d	Zinc	7440-66-6	mg/L	3/28/2022	0.0100	0.0200	J	0.0173
GDE	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/28/2022	0.380	1.00		<1.00
GDE	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2022	0.190	1.00		<1.00
GDE	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/28/2022	0.470	1.00		<1.00
GDE	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/28/2022	0.450	1.00		<1.00
GDE	d	1,1-Dichloroethane	75-34-3	ug/L	3/28/2022	0.220	1.00		<1.00
GDE	d	1,1-Dichloroethene	75-35-4	ug/L	3/28/2022	0.560	2.00		<2.00
GDE	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/28/2022	0.590	1.00		<1.00
GDE	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/28/2022	1.20	1.20		<1.20
GDE	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/28/2022	0.340	0.340		<0.340
GDE	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/28/2022	0.370	1.00		<1.00
GDE	d	1,2-Dichloroethane	107-06-2	ug/L	3/28/2022	0.390	1.00		<1.00
GDE	d	1,2-Dichloropropane	78-87-5	ug/L	3/28/2022	0.270	1.00		<1.00
GDE	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2022	0.230	1.00		<1.00
GDE	d	2-Butanone	78-93-3	ug/L	3/28/2022	2.10	10.0		<10.0
GDE	d	2-Hexanone	591-78-6	ug/L	3/28/2022	2.00	10.0		<10.0
GDE	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/28/2022	2.10	10.0		<10.0
GDE	d	Acetone	67-64-1	ug/L	3/28/2022	3.10	10.0		<10.0
GDE	d	Acrylonitrile	107-13-1	ug/L	3/28/2022	2.20	10.0		<10.0
GDE	d	Benzene	71-43-2	ug/L	3/28/2022	0.220	0.500		<0.500
GDE	d	Bromochloromethane	74-97-5	ug/L	3/28/2022	0.540	5.00		<5.00
GDE	d	Bromodichloromethane	75-27-4	ug/L	3/28/2022	0.390	1.00		<1.00
GDE	d	Bromoform	75-25-2	ug/L	3/28/2022	0.780	5.00		<5.00
GDE	d	Bromomethane	74-83-9	ug/L	3/28/2022	1.10	4.00		<4.00
GDE	d	Carbon Disulfide	75-15-0	ug/L	3/28/2022	0.450	1.00		<1.00
GDE	d	Carbon Tetrachloride	56-23-5	ug/L	3/28/2022	0.650	2.00		<2.00
GDE	d	Chlorobenzene	108-90-7	ug/L	3/28/2022	0.400	1.00		<1.00
GDE	d	Chlorodibromomethane	124-48-1	ug/L	3/28/2022	0.750	5.00		<5.00
GDE	d	Chloroethane	75-00-3	ug/L	3/28/2022	0.790	4.00		<4.00
GDE	d	Chloroform	67-66-3	ug/L	3/28/2022	1.30	3.00		<3.00
GDE	d	Chloromethane	74-87-3	ug/L	3/28/2022	0.610	3.00		<3.00
GDE	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2022	0.210	1.00		<1.00
GDE	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/28/2022	0.250	5.00		<5.00
GDE	d	Methylene Bromide	74-95-3	ug/L	3/28/2022	0.330	1.00		<1.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDE	d	Ethylbenzene	100-41-4	ug/L	3/28/2022	0.310	1.00		<1.00
GDE	d	Iodomethane	74-88-4	ug/L	3/28/2022	7.00	10.0		<10.0
GDE	d	Methylene Chloride	75-09-2	ug/L	3/28/2022	1.70	5.00		<5.00
GDE	d	Styrene	100-42-5	ug/L	3/28/2022	0.370	1.00		<1.00
GDE	d	Tetrachloroethene	127-18-4	ug/L	3/28/2022	0.480	1.00		<1.00
GDE	d	Toluene	108-88-3	ug/L	3/28/2022	0.430	1.00		<1.00
GDE	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2022	0.270	1.00		<1.00
GDE	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/28/2022	0.560	5.00		<5.00
GDE	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/28/2022	1.10	10.0		<10.0
GDE	d	Trichloroethene	79-01-6	ug/L	3/28/2022	0.430	1.00		<1.00
GDE	d	Trichlorofluoromethane	75-69-4	ug/L	3/28/2022	0.380	4.00		<4.00
GDE	d	Vinyl Acetate	108-05-4	ug/L	3/28/2022	2.50	10.0		<10.0
GDE	d	Vinyl Chloride	75-01-4	ug/L	3/28/2022	0.180	1.00		<1.00
GDE	d	Xylenes, total	1330-20-7	ug/L	3/28/2022	0.400	3.00		<3.00
GDE	d	Total Suspended Solids	TSS	mg/L	3/28/2022	1.70	5.00	J	2.67
GDW	d	Antimony	7440-36-0	mg/L	3/28/2022	0.000690	0.00200		<0.00200
GDW	d	Arsenic	7440-38-2	mg/L	3/28/2022	0.000750	0.00200		<0.00200
GDW	d	Barium	7440-39-3	mg/L	3/28/2022	0.000880	0.00200		0.101
GDW	d	Beryllium	7440-41-7	mg/L	3/28/2022	0.000270	0.00100		<0.00100
GDW	d	Cadmium	7440-43-9	mg/L	3/28/2022	0.0000550	0.000100		<0.000100
GDW	d	Chromium	7440-47-3	mg/L	3/28/2022	0.00110	0.00500		<0.00500
GDW	d	Cobalt	7440-48-4	mg/L	3/28/2022	0.000190	0.000500		<0.000500
GDW	d	Copper	7440-50-8	mg/L	3/28/2022	0.00180	0.00500		<0.00500
GDW	d	Lead	7439-92-1	mg/L	3/28/2022	0.000240	0.000500		<0.000500
GDW	d	Nickel	7440-02-0	mg/L	3/28/2022	0.00190	0.00500		<0.00500
GDW	d	Selenium	7782-49-2	mg/L	3/28/2022	0.000960	0.00500	J	0.00130
GDW	d	Silver	7440-22-4	mg/L	3/28/2022	0.000490	0.00100		<0.00100
GDW	d	Thallium	7440-28-0	mg/L	3/28/2022	0.000260	0.00100		<0.00100
GDW	d	Vanadium	7440-62-2	mg/L	3/28/2022	0.00110	0.00500		<0.00500
GDW	d	Zinc	7440-66-6	mg/L	3/28/2022	0.0100	0.0200	J	0.0115
GDW	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/28/2022	0.380	1.00		<1.00
GDW	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2022	0.190	1.00		<1.00
GDW	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/28/2022	0.470	1.00		<1.00
GDW	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/28/2022	0.450	1.00		<1.00
GDW	d	1,1-Dichloroethane	75-34-3	ug/L	3/28/2022	0.220	1.00		<1.00
GDW	d	1,1-Dichloroethene	75-35-4	ug/L	3/28/2022	0.560	2.00		<2.00
GDW	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/28/2022	0.590	1.00		<1.00
GDW	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/28/2022	1.20	1.20		<1.20
GDW	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/28/2022	0.340	0.340		<0.340
GDW	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/28/2022	0.370	1.00		<1.00
GDW	d	1,2-Dichloroethane	107-06-2	ug/L	3/28/2022	0.390	1.00		<1.00
GDW	d	1,2-Dichloropropane	78-87-5	ug/L	3/28/2022	0.270	1.00		<1.00
GDW	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2022	0.230	1.00		<1.00
GDW	d	2-Butanone	78-93-3	ug/L	3/28/2022	2.10	10.0		<10.0
GDW	d	2-Hexanone	591-78-6	ug/L	3/28/2022	2.00	10.0		<10.0
GDW	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/28/2022	2.10	10.0		<10.0
GDW	d	Acetone	67-64-1	ug/L	3/28/2022	3.10	10.0		<10.0
GDW	d	Acrylonitrile	107-13-1	ug/L	3/28/2022	2.20	10.0		<10.0
GDW	d	Benzene	71-43-2	ug/L	3/28/2022	0.220	0.500		<0.500
GDW	d	Bromochloromethane	74-97-5	ug/L	3/28/2022	0.540	5.00		<5.00
GDW	d	Bromodichloromethane	75-27-4	ug/L	3/28/2022	0.390	1.00		<1.00
GDW	d	Bromoform	75-25-2	ug/L	3/28/2022	0.780	5.00		<5.00
GDW	d	Bromomethane	74-83-9	ug/L	3/28/2022	1.10	4.00		<4.00
GDW	d	Carbon Disulfide	75-15-0	ug/L	3/28/2022	0.450	1.00		<1.00
GDW	d	Carbon Tetrachloride	56-23-5	ug/L	3/28/2022	0.650	2.00		<2.00
GDW	d	Chlorobenzene	108-90-7	ug/L	3/28/2022	0.400	1.00		<1.00
GDW	d	Chlorodibromomethane	124-48-1	ug/L	3/28/2022	0.750	5.00		<5.00
GDW	d	Chloroethane	75-00-3	ug/L	3/28/2022	0.790	4.00		<4.00
GDW	d	Chloroform	67-66-3	ug/L	3/28/2022	1.30	3.00		<3.00
GDW	d	Chloromethane	74-87-3	ug/L	3/28/2022	0.610	3.00		<3.00
GDW	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2022	0.210	1.00		<1.00
GDW	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/28/2022	0.250	5.00		<5.00
GDW	d	Methylene Bromide	74-95-3	ug/L	3/28/2022	0.330	1.00		<1.00
GDW	d	Ethylbenzene	100-41-4	ug/L	3/28/2022	0.310	1.00		<1.00
GDW	d	Iodomethane	74-88-4	ug/L	3/28/2022	7.00	10.0		<10.0
GDW	d	Methylene Chloride	75-09-2	ug/L	3/28/2022	1.70	5.00		<5.00
GDW	d	Styrene	100-42-5	ug/L	3/28/2022	0.370	1.00		<1.00
GDW	d	Tetrachloroethene	127-18-4	ug/L	3/28/2022	0.480	1.00		<1.00
GDW	d	Toluene	108-88-3	ug/L	3/28/2022	0.430	1.00		<1.00
GDW	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2022	0.270	1.00		<1.00
GDW	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/28/2022	0.560	5.00		<5.00
GDW	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/28/2022	1.10	10.0		<10.0
GDW	d	Trichloroethene	79-01-6	ug/L	3/28/2022	0.430	1.00		<1.00
GDW	d	Trichlorofluoromethane	75-69-4	ug/L	3/28/2022	0.380	4.00		<4.00
GDW	d	Vinyl Acetate	108-05-4	ug/L	3/28/2022	2.50	10.0		<10.0
GDW	d	Vinyl Chloride	75-01-4	ug/L	3/28/2022	0.180	1.00		<1.00
GDW	d	Xylenes, total	1330-20-7	ug/L	3/28/2022	0.400	3.00		<3.00
GDW	d	Total Suspended Solids	TSS	mg/L	3/28/2022	1.70	5.00		<5.00
MW-1	d	Antimony	7440-36-0	mg/L	3/28/2022	0.000690	0.00200		<0.000690

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Arsenic	7440-38-2	mg/L	3/28/2022	0.000750	0.00200		0.00345
MW-1	d	Barium	7440-39-3	mg/L	3/28/2022	0.000880	0.00200		0.138
MW-1	d	Beryllium	7440-41-7	mg/L	3/28/2022	0.000270	0.00100		<0.000270
MW-1	d	Cadmium	7440-43-9	mg/L	3/28/2022	0.0000550	0.000100		<0.0000550
MW-1	d	Chromium	7440-47-3	mg/L	3/28/2022	0.00110	0.00500		<0.00110
MW-1	d	Cobalt	7440-48-4	mg/L	3/28/2022	0.000190	0.000500		0.00154
MW-1	d	Copper	7440-50-8	mg/L	3/28/2022	0.00180	0.00500		<0.00180
MW-1	d	Lead	7439-92-1	mg/L	3/28/2022	0.000240	0.000500		<0.000240
MW-1	d	Nickel	7440-02-0	mg/L	3/28/2022	0.00190	0.00500	J	0.00442
MW-1	d	Selenium	7782-49-2	mg/L	3/28/2022	0.000960	0.00500		<0.000960
MW-1	d	Silver	7440-22-4	mg/L	3/28/2022	0.000490	0.00100		<0.000490
MW-1	d	Thallium	7440-28-0	mg/L	3/28/2022	0.000260	0.00100		<0.000260
MW-1	d	Vanadium	7440-62-2	mg/L	3/28/2022	0.00110	0.00500		<0.00110
MW-1	d	Zinc	7440-66-6	mg/L	3/28/2022	0.0100	0.0200	J	0.0143
MW-1	d	Tin	7440-31-5	mg/L	3/28/2022	0.00300	0.00500		<0.00300
MW-1	d	Mercury	7439-97-6	mg/L	3/28/2022	0.000110	0.000200		<0.000110
MW-1	d	Acetonitrile	75-05-8	mg/L	3/28/2022	0.404	10.0		<0.404
MW-1	d	Isobutanol	78-83-1	mg/L	3/28/2022	0.553	10.0		<0.553
MW-1	d	4,4'-DDD	72-54-8	ug/L	3/28/2022	0.0270	0.0640		<0.0270
MW-1	d	4,4'-DDE	72-55-9	ug/L	3/28/2022	0.0270	0.0640		<0.0270
MW-1	d	4,4'-DDT	50-29-3	ug/L	3/28/2022	0.0420	0.0640		<0.0420
MW-1	d	Aldrin	309-00-2	ug/L	3/28/2022	0.0320	0.0640		<0.0320
MW-1	d	Alpha-BHC	319-84-6	ug/L	3/28/2022	0.0290	0.0640		<0.0290
MW-1	d	Beta-BHC	319-85-7	ug/L	3/28/2022	0.0370	0.0640	*+	<0.0370
MW-1	d	Chlordane	57-74-9	ug/L	3/28/2022	0.810	2.00		<0.810
MW-1	d	Delta-BHC	319-86-8	ug/L	3/28/2022	0.0270	0.0640		<0.0270
MW-1	d	Dieldrin	60-57-1	ug/L	3/28/2022	0.0260	0.0640		<0.0260
MW-1	d	Endosulfan I	959-98-8	ug/L	3/28/2022	0.0330	0.0640		<0.0330
MW-1	d	Endosulfan II	33213-65-9	ug/L	3/28/2022	0.0290	0.0640		<0.0290
MW-1	d	Endosulfan sulfate	1031-07-8	ug/L	3/28/2022	0.0300	0.0640		<0.0300
MW-1	d	Endrin	72-20-8	ug/L	3/28/2022	0.0260	0.0640		<0.0260
MW-1	d	Endrin aldehyde	7421-93-4	ug/L	3/28/2022	0.0290	0.0640		<0.0290
MW-1	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/28/2022	0.0360	0.0640		<0.0360
MW-1	d	Heptachlor	76-44-8	ug/L	3/28/2022	0.0330	0.0640		<0.0330
MW-1	d	Heptachlor Epoxide	1024-57-3	ug/L	3/28/2022	0.0290	0.0640		<0.0290
MW-1	d	Methoxychlor	72-43-5	ug/L	3/28/2022	0.0410	0.0640		<0.0410
MW-1	d	Toxaphene	8001-35-2	ug/L	3/28/2022	0.690	2.00		<0.690
MW-1	d	PCB-1016	12674-11-2	ug/L	3/28/2022	0.170	0.800		<0.170
MW-1	d	PCB-1221	11104-28-2	ug/L	3/28/2022	0.170	0.800		<0.170
MW-1	d	PCB-1232	11141-16-5	ug/L	3/28/2022	0.170	0.800		<0.170
MW-1	d	PCB-1242	53469-21-9	ug/L	3/28/2022	0.170	0.800		<0.170
MW-1	d	PCB-1248	12672-29-6	ug/L	3/28/2022	0.110	0.800		<0.110
MW-1	d	PCB-1254	11097-69-1	ug/L	3/28/2022	0.110	0.800		<0.110
MW-1	d	PCB-1260	11096-82-5	ug/L	3/28/2022	0.110	0.800		<0.110
MW-1	d	2,4-D [2C]	94-75-7	ug/L	3/28/2022	0.575	1.06		<0.575
MW-1	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/28/2022	0.135	1.06		<0.135
MW-1	d	2,4,5-T	93-76-5	ug/L	3/28/2022	0.147	1.06		<0.147
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/28/2022	0.380	1.00		<0.380
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2022	0.190	1.00		<0.190
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/28/2022	0.470	1.00		<0.470
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/28/2022	0.450	1.00		<0.450
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/28/2022	0.220	1.00		<0.220
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/28/2022	0.560	2.00		<0.560
MW-1	d	1,1-Dichloropropene	563-58-6	ug/L	3/28/2022	0.430	1.00		<0.430
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/28/2022	0.590	1.00		<0.590
MW-1	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/28/2022	0.750	5.00		<0.750
MW-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/28/2022	1.20	1.20		<1.20
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/28/2022	0.340	0.340		<0.340
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/28/2022	0.370	1.00		<0.370
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/28/2022	0.390	1.00		<0.390
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/28/2022	0.270	1.00		<0.270
MW-1	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/28/2022	0.300	1.00		<0.300
MW-1	d	1,3-Dichloropropane	142-28-9	ug/L	3/28/2022	0.400	1.00		<0.400
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2022	0.230	1.00		<0.230
MW-1	d	2,2-Dichloropropane	594-20-7	ug/L	3/28/2022	0.690	4.00		<0.690
MW-1	d	2-Butanone	78-93-3	ug/L	3/28/2022	2.10	10.0		<2.10
MW-1	d	2-Hexanone	591-78-6	ug/L	3/28/2022	2.00	10.0		<2.00
MW-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/28/2022	2.10	10.0		<2.10
MW-1	d	Acetone	67-64-1	ug/L	3/28/2022	3.10	10.0		<3.10
MW-1	d	Acrolein	107-02-8	ug/L	3/28/2022	3.60	10.0	*+	<3.60
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/28/2022	2.20	10.0		<2.20
MW-1	d	3-Chloropropene	107-05-1	ug/L	3/28/2022	0.700	2.00		<0.700
MW-1	d	Benzene	71-43-2	ug/L	3/28/2022	0.220	0.500		<0.220
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/28/2022	0.540	5.00		<0.540
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/28/2022	0.390	1.00		<0.390
MW-1	d	Bromoform	75-25-2	ug/L	3/28/2022	0.780	5.00		<0.780
MW-1	d	Bromomethane	74-83-9	ug/L	3/28/2022	1.10	4.00		<1.10
MW-1	d	Carbon Disulfide	75-15-0	ug/L	3/28/2022	0.450	1.00		<0.450
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/28/2022	0.650	2.00		<0.650

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/28/2022	0.400	1.00		<0.400
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/28/2022	0.750	5.00		<0.750
MW-1	d	Chloroethane	75-00-3	ug/L	3/28/2022	0.790	4.00		<0.790
MW-1	d	Chloroform	67-66-3	ug/L	3/28/2022	1.30	3.00		<1.30
MW-1	d	Chloromethane	74-87-3	ug/L	3/28/2022	0.610	3.00		<0.610
MW-1	d	Chloroprene	126-99-8	ug/L	3/28/2022	0.230	1.00		<0.230
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2022	0.210	1.00		<0.210
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/28/2022	0.250	5.00		<0.250
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/28/2022	0.330	1.00		<0.330
MW-1	d	Dichlorodifluoromethane	75-71-8	ug/L	3/28/2022	0.250	3.00		<0.250
MW-1	d	Ethyl Methacrylate	97-63-2	ug/L	3/28/2022	0.680	2.00		<0.680
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/28/2022	0.310	1.00		<0.310
MW-1	d	Iodomethane	74-88-4	ug/L	3/28/2022	7.00	10.0		<7.00
MW-1	d	Methacrylonitrile	126-98-7	ug/L	3/28/2022	3.30	10.0		<3.30
MW-1	d	Methyl Methacrylate	80-62-6	ug/L	3/28/2022	0.760	2.00		<0.760
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/28/2022	1.70	5.00		<1.70
MW-1	d	Naphthalene	91-20-3	ug/L	3/28/2022	3.00	5.00		<3.00
MW-1	d	Propionitrile	107-12-0	ug/L	3/28/2022	3.40	10.0		<3.40
MW-1	d	Styrene	100-42-5	ug/L	3/28/2022	0.370	1.00		<0.370
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/28/2022	0.480	1.00		<0.480
MW-1	d	Toluene	108-88-3	ug/L	3/28/2022	0.430	1.00		<0.430
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2022	0.270	1.00		<0.270
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/28/2022	0.560	5.00		<0.560
MW-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/28/2022	1.10	10.0		<1.10
MW-1	d	Trichloroethene	79-01-6	ug/L	3/28/2022	0.430	1.00		<0.430
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/28/2022	0.380	4.00		<0.380
MW-1	d	Vinyl Acetate	108-05-4	ug/L	3/28/2022	2.50	10.0		<2.50
MW-1	d	Vinyl Chloride	75-01-4	ug/L	3/28/2022	0.180	1.00		<0.180
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/28/2022	0.400	3.00		<0.400
MW-1	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/28/2022	0.540	10.0		<0.540
MW-1	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/28/2022	2.30	10.0		<2.30
MW-1	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/28/2022	3.20	10.0		<3.20
MW-1	d	1,4-Naphthoquinone	130-15-4	ug/L	3/28/2022	3.60	10.0		<3.60
MW-1	d	1,4-Phenylenediamine	106-50-3	ug/L	3/28/2022	1.90	10.0	*	<1.90
MW-1	d	1-Naphthylamine	134-32-7	ug/L	3/28/2022	2.50	10.0		<2.50
MW-1	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/28/2022	5.30	10.0		<5.30
MW-1	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/28/2022	5.30	10.0		<5.30
MW-1	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/28/2022	5.00	10.0		<5.00
MW-1	d	2,4-Dichlorophenol	120-83-2	ug/L	3/28/2022	0.850	10.0		<0.850
MW-1	d	2,4-Dimethylphenol	105-67-9	ug/L	3/28/2022	0.580	10.0		<0.580
MW-1	d	2,4-Dinitrophenol	51-28-5	ug/L	3/28/2022	13.0	20.0		<13.0
MW-1	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/28/2022	6.40	10.0		<6.40
MW-1	d	2,6-Dichlorophenol	87-65-0	ug/L	3/28/2022	0.690	10.0		<0.690
MW-1	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/28/2022	0.520	10.0		<0.520
MW-1	d	2-Acetylaminofluorene	53-96-3	ug/L	3/28/2022	2.70	10.0		<2.70
MW-1	d	2-Chloronaphthalene	91-58-7	ug/L	3/28/2022	0.640	10.0		<0.640
MW-1	d	2-Chlorophenol	95-57-8	ug/L	3/28/2022	0.540	10.0		<0.540
MW-1	d	2-Methylnaphthalene	91-57-6	ug/L	3/28/2022	0.590	10.0		<0.590
MW-1	d	2-Methylphenol	95-48-7	ug/L	3/28/2022	0.650	10.0		<0.650
MW-1	d	2-Naphthylamine	91-59-8	ug/L	3/28/2022	2.10	10.0		<2.10
MW-1	d	2-Nitroaniline	88-74-4	ug/L	3/28/2022	5.90	10.0		<5.90
MW-1	d	2-Nitrophenol	88-75-5	ug/L	3/28/2022	6.80	10.0		<6.80
MW-1	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/28/2022	1.40	10.0		<1.40
MW-1	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/28/2022	1.50	10.0	*1	<1.50
MW-1	d	3-Methylcholanthrene	56-49-5	ug/L	3/28/2022	0.320	10.0		<0.320
MW-1	d	3-Nitroaniline	99-09-2	ug/L	3/28/2022	2.70	10.0		<2.70
MW-1	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/28/2022	6.90	10.0		<6.90
MW-1	d	4-Aminobiphenyl	92-67-1	ug/L	3/28/2022	2.20	10.0		<2.20
MW-1	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/28/2022	0.700	10.0		<0.700
MW-1	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/28/2022	0.840	10.0		<0.840
MW-1	d	4-Chloroaniline	106-47-8	ug/L	3/28/2022	0.620	10.0		<0.620
MW-1	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/28/2022	0.690	10.0		<0.690
MW-1	d	3/4-Methylphenol	T-34MP	ug/L	3/28/2022	0.700	10.0		<0.700
MW-1	d	4-Nitroaniline	100-01-6	ug/L	3/28/2022	1.30	10.0		<1.30
MW-1	d	4-Nitrophenol	100-02-7	ug/L	3/28/2022	7.60	10.0		<7.60
MW-1	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/28/2022	2.80	10.0		<2.80
MW-1	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/28/2022	1.90	10.0		<1.90
MW-1	d	Acenaphthene	83-32-9	ug/L	3/28/2022	0.640	10.0		<0.640
MW-1	d	Acenaphthylene	208-96-8	ug/L	3/28/2022	0.720	10.0		<0.720
MW-1	d	Acetophenone	98-86-2	ug/L	3/28/2022	0.690	10.0		<0.690
MW-1	d	Anthracene	120-12-7	ug/L	3/28/2022	0.870	10.0		<0.870
MW-1	d	Benzo [a] anthracene	56-55-3	ug/L	3/28/2022	0.850	10.0		<0.850
MW-1	d	Benzo [a] pyrene	50-32-8	ug/L	3/28/2022	8.10	10.0		<8.10
MW-1	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/28/2022	4.90	10.0		<4.90
MW-1	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/28/2022	6.30	10.0		<6.30
MW-1	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/28/2022	2.20	10.0		<2.20
MW-1	d	Benzyl alcohol	100-51-6	ug/L	3/28/2022	1.30	10.0		<1.30
MW-1	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/28/2022	0.760	10.0		<0.760
MW-1	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/28/2022	0.820	10.0		<0.820

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/28/2022	0.540	10.0		<0.540
MW-1	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/28/2022	5.50	10.0		<5.50
MW-1	d	Butyl benzyl phthalate	85-68-7	ug/L	3/28/2022	5.40	10.0		<5.40
MW-1	d	Chlorobenzilate	510-15-6	ug/L	3/28/2022	3.60	10.0		<3.60
MW-1	d	Chrysene	218-01-9	ug/L	3/28/2022	0.870	10.0		<0.870
MW-1	d	Diallate [cis or trans]	2303-16-4	ug/L	3/28/2022	4.00	10.0		<4.00
MW-1	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/28/2022	3.90	10.0		<3.90
MW-1	d	Dibenzofuran	132-64-9	ug/L	3/28/2022	0.740	10.0		<0.740
MW-1	d	Diethyl phthalate	84-66-2	ug/L	3/28/2022	1.70	10.0		<1.70
MW-1	d	Dimethoate	60-51-5	ug/L	3/28/2022	3.60	10.0		<3.60
MW-1	d	Dimethyl phthalate	131-11-3	ug/L	3/28/2022	1.00	10.0		<1.00
MW-1	d	Di-n-butyl phthalate	84-74-2	ug/L	3/28/2022	5.60	10.0		<5.60
MW-1	d	Di-n-octyl phthalate	117-84-0	ug/L	3/28/2022	7.00	20.0	*1	<7.00
MW-1	d	Dinoseb	88-85-7	ug/L	3/28/2022	2.40	10.0		<2.40
MW-1	d	Diphenylamine	122-39-4	ug/L	3/28/2022	6.00	10.0		<6.00
MW-1	d	Disulfoton	298-04-4	ug/L	3/28/2022	2.40	10.0		<2.40
MW-1	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/28/2022	3.60	10.0		<3.60
MW-1	d	Parathion-Ethyl	56-38-2	ug/L	3/28/2022	2.20	10.0		<2.20
MW-1	d	Famphur	52-85-7	ug/L	3/28/2022	3.80	10.0	*+	<3.80
MW-1	d	Fluoranthene	206-44-0	ug/L	3/28/2022	1.70	10.0		<1.70
MW-1	d	Fluorene	86-73-7	ug/L	3/28/2022	0.790	10.0		<0.790
MW-1	d	Hexachlorobenzene	118-74-1	ug/L	3/28/2022	0.700	10.0		<0.700
MW-1	d	Hexachlorobutadiene	87-68-3	ug/L	3/28/2022	0.860	10.0		<0.860
MW-1	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/28/2022	5.10	10.0		<5.10
MW-1	d	Hexachloroethane	67-72-1	ug/L	3/28/2022	0.970	10.0		<0.970
MW-1	d	Hexachloropropene	1888-71-7	ug/L	3/28/2022	2.60	10.0		<2.60
MW-1	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/28/2022	4.20	10.0		<4.20
MW-1	d	Isodrin	465-73-6	ug/L	3/28/2022	4.70	10.0		<4.70
MW-1	d	Isophorone	78-59-1	ug/L	3/28/2022	0.930	10.0		<0.930
MW-1	d	Isosafrole	120-58-1	ug/L	3/28/2022	2.30	10.0		<2.30
MW-1	d	Kepone	143-50-0	ug/L	3/28/2022	1.00	10.0		<1.00
MW-1	d	Methapyrilene	91-80-5	ug/L	3/28/2022	0.760	10.0	*- *1	<0.760
MW-1	d	Methyl Methanesulfonate	66-27-3	ug/L	3/28/2022	3.30	10.0		<3.30
MW-1	d	Parathion-Methyl	298-00-0	ug/L	3/28/2022	2.30	10.0		<2.30
MW-1	d	Nitrobenzene	98-95-3	ug/L	3/28/2022	0.800	10.0		<0.800
MW-1	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/28/2022	3.40	10.0		<3.40
MW-1	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/28/2022	0.720	10.0		<0.720
MW-1	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/28/2022	3.90	10.0		<3.90
MW-1	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/28/2022	0.920	10.0		<0.920
MW-1	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/28/2022	0.750	10.0		<0.750
MW-1	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/28/2022	4.90	10.0		<4.90
MW-1	d	N-Nitrosopiperidine	100-75-4	ug/L	3/28/2022	2.70	10.0		<2.70
MW-1	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/28/2022	3.60	10.0		<3.60
MW-1	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/28/2022	3.20	10.0		<3.20
MW-1	d	O-Toluidine	95-53-4	ug/L	3/28/2022	2.90	10.0		<2.90
MW-1	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/28/2022	2.20	10.0		<2.20
MW-1	d	Pentachlorobenzene	608-93-5	ug/L	3/28/2022	2.80	10.0		<2.80
MW-1	d	Pentachloronitrobenzene	82-68-8	ug/L	3/28/2022	5.80	10.0		<5.80
MW-1	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/28/2022	9.60	10.0		<9.60
MW-1	d	Phenacetin	62-44-2	ug/L	3/28/2022	1.90	10.0		<1.90
MW-1	d	Phenanthrene	85-01-8	ug/L	3/28/2022	0.790	10.0		<0.790
MW-1	d	Phenol	108-95-2	ug/L	3/28/2022	1.10	10.0		<1.10
MW-1	d	Phorate	298-02-2	ug/L	3/28/2022	3.20	10.0		<3.20
MW-1	d	Pronamide	23950-58-5	ug/L	3/28/2022	2.70	10.0		<2.70
MW-1	d	Pyrene	129-00-0	ug/L	3/28/2022	0.790	10.0		<0.790
MW-1	d	Safrole	94-59-7	ug/L	3/28/2022	2.80	10.0		<2.80
MW-1	d	Thionazin	297-97-2	ug/L	3/28/2022	3.50	10.0		<3.50
MW-1	d	Cyanide	57-12-5	mg/L	3/28/2022	0.00430	0.0100		<0.00430
MW-1	d	Sulfide	18496-25-8	mg/L	3/28/2022	0.231	1.00		<0.231
MW-1	d	Total Suspended Solids	TSS	mg/L	3/28/2022	0.638	1.88	J	0.875
MW-16	d	Antimony	7440-36-0	mg/L	3/28/2022	0.000690	0.00200		<0.00200
MW-16	d	Arsenic	7440-38-2	mg/L	3/28/2022	0.000750	0.00200	J	0.00162
MW-16	d	Barium	7440-39-3	mg/L	3/28/2022	0.000880	0.00200		0.0320
MW-16	d	Beryllium	7440-41-7	mg/L	3/28/2022	0.000270	0.00100		<0.00100
MW-16	d	Cadmium	7440-43-9	mg/L	3/28/2022	0.0000550	0.000100		<0.000100
MW-16	d	Chromium	7440-47-3	mg/L	3/28/2022	0.00110	0.00500		<0.00500
MW-16	d	Cobalt	7440-48-4	mg/L	3/28/2022	0.000190	0.000500	J	0.000419
MW-16	d	Copper	7440-50-8	mg/L	3/28/2022	0.00180	0.00500		<0.00500
MW-16	d	Lead	7439-92-1	mg/L	3/28/2022	0.000240	0.000500		<0.000500
MW-16	d	Nickel	7440-02-0	mg/L	3/28/2022	0.00190	0.00500		<0.00500
MW-16	d	Selenium	7782-49-2	mg/L	3/28/2022	0.000960	0.00500		<0.00500
MW-16	d	Silver	7440-22-4	mg/L	3/28/2022	0.000490	0.00100		<0.00100
MW-16	d	Thallium	7440-28-0	mg/L	3/28/2022	0.000260	0.00100		<0.00100
MW-16	d	Vanadium	7440-62-2	mg/L	3/28/2022	0.00110	0.00500		<0.00500
MW-16	d	Zinc	7440-66-6	mg/L	3/28/2022	0.0100	0.0200		<0.0200
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/28/2022	0.380	1.00		<1.00
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2022	0.190	1.00		<1.00
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/28/2022	0.470	1.00		<1.00
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/28/2022	0.450	1.00		<1.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	3/28/2022	0.220	1.00		<1.00
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	3/28/2022	0.560	2.00		<2.00
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/28/2022	0.590	1.00		<1.00
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/28/2022	1.20	1.20		<1.20
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/28/2022	0.340	0.340		<0.340
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/28/2022	0.370	1.00		<1.00
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	3/28/2022	0.390	1.00		<1.00
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	3/28/2022	0.270	1.00		<1.00
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2022	0.230	1.00		<1.00
MW-16	d	2-Butanone	78-93-3	ug/L	3/28/2022	2.10	10.0		<10.0
MW-16	d	2-Hexanone	591-78-6	ug/L	3/28/2022	2.00	10.0		<10.0
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/28/2022	2.10	10.0		<10.0
MW-16	d	Acetone	67-64-1	ug/L	3/28/2022	3.10	10.0		<10.0
MW-16	d	Acrylonitrile	107-13-1	ug/L	3/28/2022	2.20	10.0		<10.0
MW-16	d	Benzene	71-43-2	ug/L	3/28/2022	0.220	0.500		<0.500
MW-16	d	Bromochloromethane	74-97-5	ug/L	3/28/2022	0.540	5.00		<5.00
MW-16	d	Bromodichloromethane	75-27-4	ug/L	3/28/2022	0.390	1.00		<1.00
MW-16	d	Bromoform	75-25-2	ug/L	3/28/2022	0.780	5.00		<5.00
MW-16	d	Bromomethane	74-83-9	ug/L	3/28/2022	1.10	4.00		<4.00
MW-16	d	Carbon Disulfide	75-15-0	ug/L	3/28/2022	0.450	1.00		<1.00
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	3/28/2022	0.650	2.00		<2.00
MW-16	d	Chlorobenzene	108-90-7	ug/L	3/28/2022	0.400	1.00		<1.00
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	3/28/2022	0.750	5.00		<5.00
MW-16	d	Chloroethane	75-00-3	ug/L	3/28/2022	0.790	4.00		<4.00
MW-16	d	Chloroform	67-66-3	ug/L	3/28/2022	1.30	3.00		<3.00
MW-16	d	Chloromethane	74-87-3	ug/L	3/28/2022	0.610	3.00		<3.00
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2022	0.210	1.00		<1.00
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/28/2022	0.250	5.00		<5.00
MW-16	d	Methylene Bromide	74-95-3	ug/L	3/28/2022	0.330	1.00		<1.00
MW-16	d	Ethylbenzene	100-41-4	ug/L	3/28/2022	0.310	1.00		<1.00
MW-16	d	Iodomethane	74-88-4	ug/L	3/28/2022	7.00	10.0		<10.0
MW-16	d	Methylene Chloride	75-09-2	ug/L	3/28/2022	1.70	5.00		<5.00
MW-16	d	Styrene	100-42-5	ug/L	3/28/2022	0.370	1.00	*+	<1.00
MW-16	d	Tetrachloroethene	127-18-4	ug/L	3/28/2022	0.480	1.00		<1.00
MW-16	d	Toluene	108-88-3	ug/L	3/28/2022	0.430	1.00		<1.00
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2022	0.270	1.00		<1.00
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/28/2022	0.560	5.00		<5.00
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/28/2022	1.10	10.0		<10.0
MW-16	d	Trichloroethene	79-01-6	ug/L	3/28/2022	0.430	1.00		<1.00
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	3/28/2022	0.380	4.00		<4.00
MW-16	d	Vinyl Acetate	108-05-4	ug/L	3/28/2022	2.50	10.0		<10.0
MW-16	d	Vinyl Chloride	75-01-4	ug/L	3/28/2022	0.180	1.00		<1.00
MW-16	d	Xylenes, total	1330-20-7	ug/L	3/28/2022	0.400	3.00		<3.00
MW-16	d	Total Suspended Solids	TSS	mg/L	3/28/2022	0.638	1.88		7.50
MW-2AR	d	Antimony	7440-36-0	mg/L	3/28/2022	0.000690	0.00200		<0.000690
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/28/2022	0.000750	0.00200		0.0549
MW-2AR	d	Barium	7440-39-3	mg/L	3/28/2022	0.000880	0.00200		1.00
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/28/2022	0.000270	0.00100		<0.000270
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/28/2022	0.0000550	0.000100		<0.0000550
MW-2AR	d	Chromium	7440-47-3	mg/L	3/28/2022	0.00110	0.00500		<0.00110
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/28/2022	0.000190	0.000500		0.00268
MW-2AR	d	Copper	7440-50-8	mg/L	3/28/2022	0.00180	0.00500		<0.00180
MW-2AR	d	Lead	7439-92-1	mg/L	3/28/2022	0.000240	0.000500		<0.000240
MW-2AR	d	Nickel	7440-02-0	mg/L	3/28/2022	0.00190	0.00500		0.0286
MW-2AR	d	Selenium	7782-49-2	mg/L	3/28/2022	0.000960	0.00500		<0.000960
MW-2AR	d	Silver	7440-22-4	mg/L	3/28/2022	0.000490	0.00100		<0.000490
MW-2AR	d	Thallium	7440-28-0	mg/L	3/28/2022	0.000260	0.00100		<0.000260
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/28/2022	0.00110	0.00500	J	0.00170
MW-2AR	d	Zinc	7440-66-6	mg/L	3/28/2022	0.0100	0.0200		<0.0100
MW-2AR	d	Acetone	67-64-1	ug/L	3/28/2022	3.10	10.0		<3.10
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/28/2022	2.20	10.0		<2.20
MW-2AR	d	Benzene	71-43-2	ug/L	3/28/2022	0.220	0.500		1.04
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/28/2022	0.540	5.00		<0.540
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/28/2022	0.390	1.00		<0.390
MW-2AR	d	Bromoform	75-25-2	ug/L	3/28/2022	0.780	5.00		<0.780
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/28/2022	1.10	4.00		<1.10
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/28/2022	2.10	10.0		<2.10
MW-2AR	d	Carbon Disulfide	75-15-0	ug/L	3/28/2022	0.450	1.00		<0.450
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/28/2022	0.650	2.00		<0.650
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/28/2022	0.400	1.00		1.96
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/28/2022	0.750	5.00		<0.750
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/28/2022	0.790	4.00	J	2.43
MW-2AR	d	Chloroform	67-66-3	ug/L	3/28/2022	1.30	3.00		<1.30
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/28/2022	0.610	3.00		<0.610
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2022	0.210	1.00		<0.210
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/28/2022	0.250	5.00		<0.250
MW-2AR	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/28/2022	1.20	1.20		<1.20
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/28/2022	0.340	0.340		<0.340
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/28/2022	0.330	1.00		<0.330

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/28/2022	0.370	1.00		<0.370
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2022	0.230	1.00		1.54
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/28/2022	0.220	1.00		<0.220
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/28/2022	0.390	1.00		<0.390
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/28/2022	0.560	2.00		<0.560
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/28/2022	0.270	1.00		<0.270
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/28/2022	0.310	1.00		<0.310
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/28/2022	2.00	10.0		<2.00
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/28/2022	7.00	10.0		<7.00
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/28/2022	1.70	5.00		<1.70
MW-2AR	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/28/2022	2.10	10.0		<2.10
MW-2AR	d	Styrene	100-42-5	ug/L	3/28/2022	0.370	1.00		<0.370
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/28/2022	0.380	1.00		<0.380
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/28/2022	0.470	1.00		<0.470
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/28/2022	0.480	1.00		<0.480
MW-2AR	d	Toluene	108-88-3	ug/L	3/28/2022	0.430	1.00		<0.430
MW-2AR	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/28/2022	1.10	10.0		<1.10
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2022	0.270	1.00		<0.270
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/28/2022	0.560	5.00		<0.560
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2022	0.190	1.00		<0.190
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/28/2022	0.450	1.00		<0.450
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/28/2022	0.430	1.00		<0.430
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/28/2022	0.380	4.00		<0.380
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/28/2022	0.590	1.00		<0.590
MW-2AR	d	Vinyl Acetate	108-05-4	ug/L	3/28/2022	2.50	10.0		<2.50
MW-2AR	d	Vinyl Chloride	75-01-4	ug/L	3/28/2022	0.180	1.00		<0.180
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/28/2022	0.400	3.00		<0.400
MW-2AR	d	Total Suspended Solids	TSS	mg/L	3/28/2022	10.2	30.0		118
MW-2BR	d	Arsenic	7440-38-2	mg/L	3/28/2022	0.000750	0.00200		0.00424
MW-2BR	d	Total Suspended Solids	TSS	mg/L	3/28/2022	5.10	15.0	J	14.0
MW-5AR	u	Antimony	7440-36-0	mg/L	3/28/2022	0.000690	0.00200		<0.00200
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/28/2022	0.000750	0.00200		<0.00200
MW-5AR	u	Barium	7440-39-3	mg/L	3/28/2022	0.000880	0.00200		0.0326
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/28/2022	0.000270	0.00100		<0.00100
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/28/2022	0.0000550	0.000100		<0.000100
MW-5AR	u	Chromium	7440-47-3	mg/L	3/28/2022	0.00110	0.00500		<0.00500
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/28/2022	0.000190	0.000500		<0.000500
MW-5AR	u	Copper	7440-50-8	mg/L	3/28/2022	0.00180	0.00500		<0.00500
MW-5AR	u	Lead	7439-92-1	mg/L	3/28/2022	0.000240	0.000500		<0.000500
MW-5AR	u	Nickel	7440-02-0	mg/L	3/28/2022	0.00190	0.00500		<0.00500
MW-5AR	u	Selenium	7782-49-2	mg/L	3/28/2022	0.000960	0.00500	J	0.00244
MW-5AR	u	Silver	7440-22-4	mg/L	3/28/2022	0.000490	0.00100		<0.00100
MW-5AR	u	Thallium	7440-28-0	mg/L	3/28/2022	0.000260	0.00100		<0.00100
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/28/2022	0.00110	0.00500		<0.00500
MW-5AR	u	Zinc	7440-66-6	mg/L	3/28/2022	0.0100	0.0200		<0.0200
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/28/2022	0.380	1.00		<1.00
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2022	0.190	1.00		<1.00
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/28/2022	0.470	1.00		<1.00
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/28/2022	0.450	1.00		<1.00
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/28/2022	0.220	1.00		<1.00
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/28/2022	0.560	2.00		<2.00
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/28/2022	0.590	1.00		<1.00
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/28/2022	1.20	1.20		<1.20
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/28/2022	0.340	0.340		<0.340
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/28/2022	0.370	1.00		<1.00
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/28/2022	0.390	1.00		<1.00
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/28/2022	0.270	1.00		<1.00
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2022	0.230	1.00		<1.00
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/28/2022	2.10	10.0		<10.0
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/28/2022	2.00	10.0		<10.0
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/28/2022	2.10	10.0		<10.0
MW-5AR	u	Acetone	67-64-1	ug/L	3/28/2022	3.10	10.0		<10.0
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/28/2022	2.20	10.0		<10.0
MW-5AR	u	Benzene	71-43-2	ug/L	3/28/2022	0.220	0.500		<0.500
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/28/2022	0.540	5.00		<5.00
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/28/2022	0.390	1.00		<1.00
MW-5AR	u	Bromoform	75-25-2	ug/L	3/28/2022	0.780	5.00		<5.00
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/28/2022	1.10	4.00		<4.00
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/28/2022	0.450	1.00		<1.00
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/28/2022	0.650	2.00		<2.00
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/28/2022	0.400	1.00		<1.00
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/28/2022	0.750	5.00		<5.00
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/28/2022	0.790	4.00		<4.00
MW-5AR	u	Chloroform	67-66-3	ug/L	3/28/2022	1.30	3.00		<3.00
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/28/2022	0.610	3.00		<3.00
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2022	0.210	1.00		<1.00
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/28/2022	0.250	5.00		<5.00
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/28/2022	0.330	1.00		<1.00
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/28/2022	0.310	1.00		<1.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/28/2022	7.00	10.0		<10.0
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/28/2022	1.70	5.00		<5.00
MW-5AR	u	Styrene	100-42-5	ug/L	3/28/2022	0.370	1.00	#+	<1.00
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/28/2022	0.480	1.00		<1.00
MW-5AR	u	Toluene	108-88-3	ug/L	3/28/2022	0.430	1.00		<1.00
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2022	0.270	1.00		<1.00
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/28/2022	0.560	5.00		<5.00
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/28/2022	1.10	10.0		<10.0
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/28/2022	0.430	1.00		<1.00
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/28/2022	0.380	4.00		<4.00
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/28/2022	2.50	10.0		<10.0
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/28/2022	0.180	1.00		<1.00
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/28/2022	0.400	3.00		<3.00
MW-5AR	u	Total Suspended Solids	TSS	mg/L	3/28/2022	0.638	1.88	J	0.750
MW-6A	u	Antimony	7440-36-0	mg/L	3/28/2022	0.000690	0.00200		<0.000690
MW-6A	u	Arsenic	7440-38-2	mg/L	3/28/2022	0.000750	0.00200		<0.000750
MW-6A	u	Barium	7440-39-3	mg/L	3/28/2022	0.000880	0.00200		0.295
MW-6A	u	Beryllium	7440-41-7	mg/L	3/28/2022	0.000270	0.00100		<0.000270
MW-6A	u	Cadmium	7440-43-9	mg/L	3/28/2022	0.0000550	0.000100		<0.0000550
MW-6A	u	Chromium	7440-47-3	mg/L	3/28/2022	0.00110	0.00500		<0.00110
MW-6A	u	Cobalt	7440-48-4	mg/L	3/28/2022	0.000190	0.000500		<0.000190
MW-6A	u	Copper	7440-50-8	mg/L	3/28/2022	0.00180	0.00500		<0.00180
MW-6A	u	Lead	7439-92-1	mg/L	3/28/2022	0.000240	0.000500		<0.000240
MW-6A	u	Nickel	7440-02-0	mg/L	3/28/2022	0.00190	0.00500		<0.00190
MW-6A	u	Selenium	7782-49-2	mg/L	3/28/2022	0.000960	0.00500		<0.000960
MW-6A	u	Silver	7440-22-4	mg/L	3/28/2022	0.000490	0.00100		<0.000490
MW-6A	u	Thallium	7440-28-0	mg/L	3/28/2022	0.000260	0.00100		<0.000260
MW-6A	u	Vanadium	7440-62-2	mg/L	3/28/2022	0.00110	0.00500		<0.00110
MW-6A	u	Zinc	7440-66-6	mg/L	3/28/2022	0.0100	0.0200		<0.0100
MW-6A	u	Acetone	67-64-1	ug/L	3/28/2022	3.10	10.0		<3.10
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/28/2022	2.20	10.0		<2.20
MW-6A	u	Benzene	71-43-2	ug/L	3/28/2022	0.220	0.500		<0.220
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/28/2022	0.540	5.00		<0.540
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/28/2022	0.390	1.00		<0.390
MW-6A	u	Bromoform	75-25-2	ug/L	3/28/2022	0.780	5.00		<0.780
MW-6A	u	Bromomethane	74-83-9	ug/L	3/28/2022	1.10	4.00		<1.10
MW-6A	u	2-Butanone	78-93-3	ug/L	3/28/2022	2.10	10.0		<2.10
MW-6A	u	Carbon Disulfide	75-15-0	ug/L	3/28/2022	0.450	1.00		<0.450
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/28/2022	0.650	2.00		<0.650
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/28/2022	0.400	1.00		<0.400
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/28/2022	0.750	5.00		<0.750
MW-6A	u	Chloroethane	75-00-3	ug/L	3/28/2022	0.790	4.00		<0.790
MW-6A	u	Chloroform	67-66-3	ug/L	3/28/2022	1.30	3.00		<1.30
MW-6A	u	Chloromethane	74-87-3	ug/L	3/28/2022	0.610	3.00		<0.610
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2022	0.210	1.00		<0.210
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/28/2022	0.250	5.00		<0.250
MW-6A	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/28/2022	1.20	1.20		<1.20
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/28/2022	0.340	0.340		<0.340
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/28/2022	0.330	1.00		<0.330
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/28/2022	0.370	1.00		<0.370
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2022	0.230	1.00		<0.230
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/28/2022	0.220	1.00		<0.220
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/28/2022	0.390	1.00		<0.390
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/28/2022	0.560	2.00		<0.560
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/28/2022	0.270	1.00		<0.270
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/28/2022	0.310	1.00		<0.310
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/28/2022	2.00	10.0		<2.00
MW-6A	u	Iodomethane	74-88-4	ug/L	3/28/2022	7.00	10.0		<7.00
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/28/2022	1.70	5.00		<1.70
MW-6A	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/28/2022	2.10	10.0		<2.10
MW-6A	u	Styrene	100-42-5	ug/L	3/28/2022	0.370	1.00		<0.370
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/28/2022	0.380	1.00		<0.380
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/28/2022	0.470	1.00		<0.470
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/28/2022	0.480	1.00		<0.480
MW-6A	u	Toluene	108-88-3	ug/L	3/28/2022	0.430	1.00		<0.430
MW-6A	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/28/2022	1.10	10.0		<1.10
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2022	0.270	1.00		<0.270
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/28/2022	0.560	5.00		<0.560
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2022	0.190	1.00		<0.190
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/28/2022	0.450	1.00		<0.450
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/28/2022	0.430	1.00		<0.430
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/28/2022	0.380	4.00		<0.380
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/28/2022	0.590	1.00		<0.590
MW-6A	u	Vinyl Acetate	108-05-4	ug/L	3/28/2022	2.50	10.0		<2.50
MW-6A	u	Vinyl Chloride	75-01-4	ug/L	3/28/2022	0.180	1.00		<0.180
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/28/2022	0.400	3.00		<0.400
MW-6A	u	Total Suspended Solids	TSS	mg/L	3/28/2022	0.638	1.88		2.88
MW-8R	d	Antimony	7440-36-0	mg/L	3/28/2022	0.000690	0.00200		<0.00200
MW-8R	d	Arsenic	7440-38-2	mg/L	3/28/2022	0.000750	0.00200		0.0121

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-8R	d	Barium	7440-39-3	mg/L	3/28/2022	0.000880	0.00200		0.0213
MW-8R	d	Beryllium	7440-41-7	mg/L	3/28/2022	0.000270	0.00100		<0.00100
MW-8R	d	Cadmium	7440-43-9	mg/L	3/28/2022	0.0000550	0.000100		<0.000100
MW-8R	d	Chromium	7440-47-3	mg/L	3/28/2022	0.00440	0.0200		<0.0200
MW-8R	d	Cobalt	7440-48-4	mg/L	3/28/2022	0.000190	0.000500		0.00320
MW-8R	d	Copper	7440-50-8	mg/L	3/28/2022	0.00180	0.00500		<0.00500
MW-8R	d	Lead	7439-92-1	mg/L	3/28/2022	0.000240	0.000500		<0.000500
MW-8R	d	Nickel	7440-02-0	mg/L	3/28/2022	0.00190	0.00500		0.00939
MW-8R	d	Selenium	7782-49-2	mg/L	3/28/2022	0.000960	0.00500		<0.00500
MW-8R	d	Silver	7440-22-4	mg/L	3/28/2022	0.000490	0.00100		<0.00100
MW-8R	d	Thallium	7440-28-0	mg/L	3/28/2022	0.000260	0.00100		<0.00100
MW-8R	d	Vanadium	7440-62-2	mg/L	3/28/2022	0.00110	0.00500		<0.00500
MW-8R	d	Zinc	7440-66-6	mg/L	3/28/2022	0.0100	0.0200		<0.0200
MW-8R	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/28/2022	0.380	1.00		<1.00
MW-8R	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/28/2022	0.190	1.00		<1.00
MW-8R	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/28/2022	0.470	1.00		<1.00
MW-8R	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/28/2022	0.450	1.00		<1.00
MW-8R	d	1,1-Dichloroethane	75-34-3	ug/L	3/28/2022	0.220	1.00		<1.00
MW-8R	d	1,1-Dichloroethene	75-35-4	ug/L	3/28/2022	0.560	2.00		<2.00
MW-8R	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/28/2022	0.590	1.00		<1.00
MW-8R	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/28/2022	1.20	1.20		<1.20
MW-8R	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/28/2022	0.340	0.340		<0.340
MW-8R	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/28/2022	0.370	1.00		<1.00
MW-8R	d	1,2-Dichloroethane	107-06-2	ug/L	3/28/2022	0.390	1.00		<1.00
MW-8R	d	1,2-Dichloropropane	78-87-5	ug/L	3/28/2022	0.270	1.00		<1.00
MW-8R	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/28/2022	0.230	1.00		<1.00
MW-8R	d	2-Butanone	78-93-3	ug/L	3/28/2022	2.10	10.0		<10.0
MW-8R	d	2-Hexanone	591-78-6	ug/L	3/28/2022	2.00	10.0		<10.0
MW-8R	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/28/2022	2.10	10.0		<10.0
MW-8R	d	Acetone	67-64-1	ug/L	3/28/2022	3.10	10.0		<10.0
MW-8R	d	Acrylonitrile	107-13-1	ug/L	3/28/2022	2.20	10.0		<10.0
MW-8R	d	Benzene	71-43-2	ug/L	3/28/2022	0.220	0.500		<0.500
MW-8R	d	Bromochloromethane	74-97-5	ug/L	3/28/2022	0.540	5.00		<5.00
MW-8R	d	Bromodichloromethane	75-27-4	ug/L	3/28/2022	0.390	1.00		<1.00
MW-8R	d	Bromoform	75-25-2	ug/L	3/28/2022	0.780	5.00		<5.00
MW-8R	d	Bromomethane	74-83-9	ug/L	3/28/2022	1.10	4.00		<4.00
MW-8R	d	Carbon Disulfide	75-15-0	ug/L	3/28/2022	0.450	1.00		<1.00
MW-8R	d	Carbon Tetrachloride	56-23-5	ug/L	3/28/2022	0.650	2.00		<2.00
MW-8R	d	Chlorobenzene	108-90-7	ug/L	3/28/2022	0.400	1.00		<1.00
MW-8R	d	Chlorodibromomethane	124-48-1	ug/L	3/28/2022	0.750	5.00		<5.00
MW-8R	d	Chloroethane	75-00-3	ug/L	3/28/2022	0.790	4.00		<4.00
MW-8R	d	Chloroform	67-66-3	ug/L	3/28/2022	1.30	3.00		<3.00
MW-8R	d	Chloromethane	74-87-3	ug/L	3/28/2022	0.610	3.00		<3.00
MW-8R	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/28/2022	0.210	1.00		<1.00
MW-8R	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/28/2022	0.250	5.00		<5.00
MW-8R	d	Methylene Bromide	74-95-3	ug/L	3/28/2022	0.330	1.00		<1.00
MW-8R	d	Ethylbenzene	100-41-4	ug/L	3/28/2022	0.310	1.00		<1.00
MW-8R	d	Iodomethane	74-88-4	ug/L	3/28/2022	7.00	10.0		<10.0
MW-8R	d	Methylene Chloride	75-09-2	ug/L	3/28/2022	1.70	5.00		<5.00
MW-8R	d	Styrene	100-42-5	ug/L	3/28/2022	0.370	1.00	**	<1.00
MW-8R	d	Tetrachloroethene	127-18-4	ug/L	3/28/2022	0.480	1.00		<1.00
MW-8R	d	Toluene	108-88-3	ug/L	3/28/2022	0.430	1.00		<1.00
MW-8R	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/28/2022	0.270	1.00		<1.00
MW-8R	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/28/2022	0.560	5.00		<5.00
MW-8R	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/28/2022	1.10	10.0		<10.0
MW-8R	d	Trichloroethene	79-01-6	ug/L	3/28/2022	0.430	1.00		<1.00
MW-8R	d	Trichlorofluoromethane	75-69-4	ug/L	3/28/2022	0.380	4.00		<4.00
MW-8R	d	Vinyl Acetate	108-05-4	ug/L	3/28/2022	2.50	10.0		<10.0
MW-8R	d	Vinyl Chloride	75-01-4	ug/L	3/28/2022	0.180	1.00		<1.00
MW-8R	d	Xylenes, total	1330-20-7	ug/L	3/28/2022	0.400	3.00		<3.00
MW-8R	d	Total Suspended Solids	TSS	mg/L	3/28/2022	2.55	7.50		30.0
MW-12	d	Antimony	7440-36-0	mg/L	3/29/2022	0.000690	0.00200	J	0.000804
MW-12	d	Arsenic	7440-38-2	mg/L	3/29/2022	0.000750	0.00200		<0.00200
MW-12	d	Barium	7440-39-3	mg/L	3/29/2022	0.000880	0.00200		0.0702
MW-12	d	Beryllium	7440-41-7	mg/L	3/29/2022	0.000270	0.00100		<0.00100
MW-12	d	Cadmium	7440-43-9	mg/L	3/29/2022	0.0000550	0.000100	J	0.0000560
MW-12	d	Chromium	7440-47-3	mg/L	3/29/2022	0.00110	0.00500		<0.00500
MW-12	d	Cobalt	7440-48-4	mg/L	3/29/2022	0.000190	0.000500	J	0.000254
MW-12	d	Copper	7440-50-8	mg/L	3/29/2022	0.00180	0.00500		<0.00500
MW-12	d	Lead	7439-92-1	mg/L	3/29/2022	0.000240	0.000500		<0.000500
MW-12	d	Nickel	7440-02-0	mg/L	3/29/2022	0.00190	0.00500		0.0114
MW-12	d	Selenium	7782-49-2	mg/L	3/29/2022	0.000960	0.00500	J	0.00176
MW-12	d	Silver	7440-22-4	mg/L	3/29/2022	0.000490	0.00100		<0.00100
MW-12	d	Thallium	7440-28-0	mg/L	3/29/2022	0.000260	0.00100		<0.00100
MW-12	d	Vanadium	7440-62-2	mg/L	3/29/2022	0.00110	0.00500		<0.00500
MW-12	d	Zinc	7440-66-6	mg/L	3/29/2022	0.0100	0.0200		<0.0200
MW-12	d	Tin	7440-31-5	mg/L	3/29/2022	0.00300	0.00500		<0.00500
MW-12	d	Mercury	7439-97-6	mg/L	3/29/2022	0.000110	0.000200		<0.000200
MW-12	d	Acetonitrile	75-05-8	mg/L	3/29/2022	0.404	10.0		<10.0

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Isobutanol	78-83-1	mg/L	3/29/2022	0.553	10.0		<10.0
MW-12	d	4,4'-DDD	72-54-8	ug/L	3/29/2022	0.0270	0.0640		<0.0640
MW-12	d	4,4'-DDE	72-55-9	ug/L	3/29/2022	0.0270	0.0640		<0.0640
MW-12	d	4,4'-DDT	50-29-3	ug/L	3/29/2022	0.0420	0.0640		<0.0640
MW-12	d	Aldrin	309-00-2	ug/L	3/29/2022	0.0320	0.0640		<0.0640
MW-12	d	Alpha-BHC	319-84-6	ug/L	3/29/2022	0.0290	0.0640		<0.0640
MW-12	d	Beta-BHC	319-85-7	ug/L	3/29/2022	0.0370	0.0640	*+	<0.0640
MW-12	d	Chlordane	57-74-9	ug/L	3/29/2022	0.810	2.00		<2.00
MW-12	d	Delta-BHC	319-86-8	ug/L	3/29/2022	0.0270	0.0640		<0.0640
MW-12	d	Dieldrin	60-57-1	ug/L	3/29/2022	0.0260	0.0640		<0.0640
MW-12	d	Endosulfan I	959-98-8	ug/L	3/29/2022	0.0330	0.0640		<0.0640
MW-12	d	Endosulfan II	33213-65-9	ug/L	3/29/2022	0.0290	0.0640		<0.0640
MW-12	d	Endosulfan sulfate	1031-07-8	ug/L	3/29/2022	0.0300	0.0640		<0.0640
MW-12	d	Endrin	72-20-8	ug/L	3/29/2022	0.0260	0.0640		<0.0640
MW-12	d	Endrin aldehyde	7421-93-4	ug/L	3/29/2022	0.0290	0.0640		<0.0640
MW-12	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/29/2022	0.0360	0.0640		<0.0640
MW-12	d	Heptachlor	76-44-8	ug/L	3/29/2022	0.0330	0.0640		<0.0640
MW-12	d	Heptachlor Epoxide	1024-57-3	ug/L	3/29/2022	0.0290	0.0640		<0.0640
MW-12	d	Methoxychlor	72-43-5	ug/L	3/29/2022	0.0410	0.0640		<0.0640
MW-12	d	Toxaphene	8001-35-2	ug/L	3/29/2022	0.690	2.00		<2.00
MW-12	d	PCB-1016	12674-11-2	ug/L	3/29/2022	0.170	0.800		<0.800
MW-12	d	PCB-1221	11104-28-2	ug/L	3/29/2022	0.170	0.800		<0.800
MW-12	d	PCB-1232	11141-16-5	ug/L	3/29/2022	0.170	0.800		<0.800
MW-12	d	PCB-1242	53469-21-9	ug/L	3/29/2022	0.170	0.800		<0.800
MW-12	d	PCB-1248	12672-29-6	ug/L	3/29/2022	0.110	0.800		<0.800
MW-12	d	PCB-1254	11097-69-1	ug/L	3/29/2022	0.110	0.800		<0.800
MW-12	d	PCB-1260	11096-82-5	ug/L	3/29/2022	0.110	0.800		<0.800
MW-12	d	2,4-D [2C]	94-75-7	ug/L	3/29/2022	0.535	0.991	*1	<0.991
MW-12	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/29/2022	0.126	0.991	*1	<0.991
MW-12	d	2,4,5-T	93-76-5	ug/L	3/29/2022	0.137	0.991	*1	<0.991
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2022	0.380	1.00		<1.00
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2022	0.190	1.00		<1.00
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2022	0.470	1.00		<1.00
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2022	0.450	1.00		<1.00
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2022	0.220	1.00		<1.00
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2022	0.560	2.00		<2.00
MW-12	d	1,1-Dichloropropene	563-58-6	ug/L	3/29/2022	0.430	1.00		<1.00
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2022	0.590	1.00		<1.00
MW-12	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/29/2022	0.750	5.00		<5.00
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/29/2022	1.20	1.20		<1.20
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2022	0.340	0.340		<0.340
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2022	0.370	1.00		<1.00
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2022	0.390	1.00		<1.00
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2022	0.270	1.00		<1.00
MW-12	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/29/2022	0.300	1.00		<1.00
MW-12	d	1,3-Dichloropropane	142-28-9	ug/L	3/29/2022	0.400	1.00		<1.00
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2022	0.230	1.00		<1.00
MW-12	d	2,2-Dichloropropane	594-20-7	ug/L	3/29/2022	0.690	4.00		<4.00
MW-12	d	2-Butanone	78-93-3	ug/L	3/29/2022	2.10	10.0		<10.0
MW-12	d	2-Hexanone	591-78-6	ug/L	3/29/2022	2.00	10.0		<10.0
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/29/2022	2.10	10.0		<10.0
MW-12	d	Acetone	67-64-1	ug/L	3/29/2022	3.10	10.0		<10.0
MW-12	d	Acrolein	107-02-8	ug/L	3/29/2022	3.60	10.0		<10.0
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/29/2022	2.20	10.0		<10.0
MW-12	d	3-Chloropropene	107-05-1	ug/L	3/29/2022	0.700	2.00		<2.00
MW-12	d	Benzene	71-43-2	ug/L	3/29/2022	0.220	0.500		<0.500
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/29/2022	0.540	5.00		<5.00
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/29/2022	0.390	1.00		<1.00
MW-12	d	Bromoform	75-25-2	ug/L	3/29/2022	0.780	5.00		<5.00
MW-12	d	Bromomethane	74-83-9	ug/L	3/29/2022	1.10	4.00		<4.00
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/29/2022	0.450	1.00		<1.00
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2022	0.650	2.00		<2.00
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/29/2022	0.400	1.00		<1.00
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2022	0.750	5.00		<5.00
MW-12	d	Chloroethane	75-00-3	ug/L	3/29/2022	0.790	4.00		<4.00
MW-12	d	Chloroform	67-66-3	ug/L	3/29/2022	1.30	3.00		<3.00
MW-12	d	Chloromethane	74-87-3	ug/L	3/29/2022	0.610	3.00		<3.00
MW-12	d	Chloroprene	126-99-8	ug/L	3/29/2022	0.230	1.00		<1.00
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2022	0.210	1.00		<1.00
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2022	0.250	5.00		<5.00
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/29/2022	0.330	1.00		<1.00
MW-12	d	Dichlorodifluoromethane	75-71-8	ug/L	3/29/2022	0.250	3.00		<3.00
MW-12	d	Ethyl Methacrylate	97-63-2	ug/L	3/29/2022	0.680	2.00		<2.00
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/29/2022	0.310	1.00		<1.00
MW-12	d	Iodomethane	74-88-4	ug/L	3/29/2022	7.00	10.0		<10.0
MW-12	d	Methacrylonitrile	126-98-7	ug/L	3/29/2022	3.30	10.0		<10.0
MW-12	d	Methyl Methacrylate	80-62-6	ug/L	3/29/2022	0.760	2.00		<2.00
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/29/2022	1.70	5.00		<5.00
MW-12	d	Naphthalene	91-20-3	ug/L	3/29/2022	3.00	5.00		<5.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Propionitrile	107-12-0	ug/L	3/29/2022	3.40	10.0		<10.0
MW-12	d	Styrene	100-42-5	ug/L	3/29/2022	0.370	1.00		<1.00
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/29/2022	0.480	1.00		<1.00
MW-12	d	Toluene	108-88-3	ug/L	3/29/2022	0.430	1.00		<1.00
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2022	0.270	1.00		<1.00
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2022	0.560	5.00		<5.00
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/29/2022	1.10	10.0		<10.0
MW-12	d	Trichloroethene	79-01-6	ug/L	3/29/2022	0.430	1.00		<1.00
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2022	0.380	4.00		<4.00
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/29/2022	2.50	10.0		<10.0
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/29/2022	0.180	1.00		<1.00
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/29/2022	0.400	3.00		<3.00
MW-12	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/29/2022	0.563	10.4		<10.4
MW-12	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/29/2022	2.40	10.4		<10.4
MW-12	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/29/2022	3.33	10.4		<10.4
MW-12	d	1,4-Naphthoquinone	130-15-4	ug/L	3/29/2022	3.75	10.4		<10.4
MW-12	d	1,4-Phenylenediamine	106-50-3	ug/L	3/29/2022	1.98	10.4	*	<10.4
MW-12	d	1-Naphthylamine	134-32-7	ug/L	3/29/2022	2.60	10.4		<10.4
MW-12	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/29/2022	5.52	10.4		<10.4
MW-12	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/29/2022	5.52	10.4		<10.4
MW-12	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/29/2022	5.21	10.4		<10.4
MW-12	d	2,4-Dichlorophenol	120-83-2	ug/L	3/29/2022	0.885	10.4		<10.4
MW-12	d	2,4-Dimethylphenol	105-67-9	ug/L	3/29/2022	0.604	10.4		<10.4
MW-12	d	2,4-Dinitrophenol	51-28-5	ug/L	3/29/2022	13.5	20.8		<20.8
MW-12	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/29/2022	6.67	10.4		<10.4
MW-12	d	2,6-Dichlorophenol	87-65-0	ug/L	3/29/2022	0.719	10.4		<10.4
MW-12	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/29/2022	0.542	10.4		<10.4
MW-12	d	2-Acetylaminofluorene	53-96-3	ug/L	3/29/2022	2.81	10.4		<10.4
MW-12	d	2-Chloronaphthalene	91-58-7	ug/L	3/29/2022	0.667	10.4		<10.4
MW-12	d	2-Chlorophenol	95-57-8	ug/L	3/29/2022	0.563	10.4		<10.4
MW-12	d	2-Methylnaphthalene	91-57-6	ug/L	3/29/2022	0.615	10.4		<10.4
MW-12	d	2-Methylphenol	95-48-7	ug/L	3/29/2022	0.677	10.4		<10.4
MW-12	d	2-Naphthylamine	91-59-8	ug/L	3/29/2022	2.19	10.4		<10.4
MW-12	d	2-Nitroaniline	88-74-4	ug/L	3/29/2022	6.15	10.4		<10.4
MW-12	d	2-Nitrophenol	88-75-5	ug/L	3/29/2022	7.08	10.4		<10.4
MW-12	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/29/2022	1.46	10.4		<10.4
MW-12	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/29/2022	1.56	10.4	*1	<10.4
MW-12	d	3-Methylcholanthrene	56-49-5	ug/L	3/29/2022	0.333	10.4		<10.4
MW-12	d	3-Nitroaniline	99-09-2	ug/L	3/29/2022	2.81	10.4		<10.4
MW-12	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/29/2022	7.19	10.4		<10.4
MW-12	d	4-Aminobiphenyl	92-67-1	ug/L	3/29/2022	2.29	10.4		<10.4
MW-12	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/29/2022	0.729	10.4		<10.4
MW-12	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/29/2022	0.875	10.4		<10.4
MW-12	d	4-Chloroaniline	106-47-8	ug/L	3/29/2022	0.646	10.4		<10.4
MW-12	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/29/2022	0.719	10.4		<10.4
MW-12	d	3/4-Methylphenol	T-34MP	ug/L	3/29/2022	0.729	10.4		<10.4
MW-12	d	4-Nitroaniline	100-01-6	ug/L	3/29/2022	1.35	10.4		<10.4
MW-12	d	4-Nitrophenol	100-02-7	ug/L	3/29/2022	7.92	10.4		<10.4
MW-12	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/29/2022	2.92	10.4		<10.4
MW-12	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/29/2022	1.98	10.4		<10.4
MW-12	d	Acenaphthene	83-32-9	ug/L	3/29/2022	0.667	10.4		<10.4
MW-12	d	Acenaphthylene	208-96-8	ug/L	3/29/2022	0.750	10.4		<10.4
MW-12	d	Acetophenone	98-86-2	ug/L	3/29/2022	0.719	10.4		<10.4
MW-12	d	Anthracene	120-12-7	ug/L	3/29/2022	0.906	10.4		<10.4
MW-12	d	Benzo [a] anthracene	56-55-3	ug/L	3/29/2022	0.885	10.4		<10.4
MW-12	d	Benzo [a] pyrene	50-32-8	ug/L	3/29/2022	8.44	10.4		<10.4
MW-12	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/29/2022	5.10	10.4		<10.4
MW-12	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/29/2022	6.56	10.4		<10.4
MW-12	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/29/2022	2.29	10.4		<10.4
MW-12	d	Benzyl alcohol	100-51-6	ug/L	3/29/2022	1.35	10.4		<10.4
MW-12	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/29/2022	0.792	10.4		<10.4
MW-12	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/29/2022	0.854	10.4		<10.4
MW-12	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/29/2022	0.563	10.4		<10.4
MW-12	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/29/2022	5.73	10.4		<10.4
MW-12	d	Butyl benzyl phthalate	85-68-7	ug/L	3/29/2022	5.63	10.4		<10.4
MW-12	d	Chlorobenzilate	510-15-6	ug/L	3/29/2022	3.75	10.4		<10.4
MW-12	d	Chrysene	218-01-9	ug/L	3/29/2022	0.906	10.4		<10.4
MW-12	d	Diallate [cis or trans]	2303-16-4	ug/L	3/29/2022	4.17	10.4		<10.4
MW-12	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/29/2022	4.06	10.4		<10.4
MW-12	d	Dibenzofuran	132-64-9	ug/L	3/29/2022	0.771	10.4		<10.4
MW-12	d	Diethyl phthalate	84-66-2	ug/L	3/29/2022	1.77	10.4		<10.4
MW-12	d	Dimethoate	60-51-5	ug/L	3/29/2022	3.75	10.4		<10.4
MW-12	d	Dimethyl phthalate	131-11-3	ug/L	3/29/2022	1.04	10.4		<10.4
MW-12	d	Di-n-butyl phthalate	84-74-2	ug/L	3/29/2022	5.83	10.4		<10.4
MW-12	d	Di-n-octyl phthalate	117-84-0	ug/L	3/29/2022	7.29	20.8	*1	<20.8
MW-12	d	Dinoseb	88-85-7	ug/L	3/29/2022	2.50	10.4		<10.4
MW-12	d	Diphenylamine	122-39-4	ug/L	3/29/2022	6.25	10.4		<10.4
MW-12	d	Disulfoton	298-04-4	ug/L	3/29/2022	2.50	10.4		<10.4
MW-12	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/29/2022	3.75	10.4		<10.4

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Parathion-Ethyl	56-38-2	ug/L	3/29/2022	2.29	10.4		<10.4
MW-12	d	Famphur	52-85-7	ug/L	3/29/2022	3.96	10.4	*+	<10.4
MW-12	d	Fluoranthene	206-44-0	ug/L	3/29/2022	1.77	10.4		<10.4
MW-12	d	Fluorene	86-73-7	ug/L	3/29/2022	0.823	10.4		<10.4
MW-12	d	Hexachlorobenzene	118-74-1	ug/L	3/29/2022	0.729	10.4		<10.4
MW-12	d	Hexachlorobutadiene	87-68-3	ug/L	3/29/2022	0.896	10.4		<10.4
MW-12	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/29/2022	5.31	10.4		<10.4
MW-12	d	Hexachloroethane	67-72-1	ug/L	3/29/2022	1.01	10.4		<10.4
MW-12	d	Hexachloropropene	1888-71-7	ug/L	3/29/2022	2.71	10.4		<10.4
MW-12	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/29/2022	4.38	10.4		<10.4
MW-12	d	Isodrin	465-73-6	ug/L	3/29/2022	4.90	10.4		<10.4
MW-12	d	Isophorone	78-59-1	ug/L	3/29/2022	0.969	10.4		<10.4
MW-12	d	Isosafrole	120-58-1	ug/L	3/29/2022	2.40	10.4		<10.4
MW-12	d	Kepone	143-50-0	ug/L	3/29/2022	1.04	10.4		<10.4
MW-12	d	Methapyrilene	91-80-5	ug/L	3/29/2022	0.792	10.4	*- *1	<10.4
MW-12	d	Methyl Methanesulfonate	66-27-3	ug/L	3/29/2022	3.44	10.4		<10.4
MW-12	d	Parathion-Methyl	298-00-0	ug/L	3/29/2022	2.40	10.4		<10.4
MW-12	d	Nitrobenzene	98-95-3	ug/L	3/29/2022	0.833	10.4		<10.4
MW-12	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/29/2022	3.54	10.4		<10.4
MW-12	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/29/2022	0.750	10.4		<10.4
MW-12	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/29/2022	4.06	10.4		<10.4
MW-12	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/29/2022	0.958	10.4		<10.4
MW-12	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/29/2022	0.781	10.4		<10.4
MW-12	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/29/2022	5.10	10.4		<10.4
MW-12	d	N-Nitrosopiperidine	100-75-4	ug/L	3/29/2022	2.81	10.4		<10.4
MW-12	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/29/2022	3.75	10.4		<10.4
MW-12	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/29/2022	3.33	10.4		<10.4
MW-12	d	O-Toluidine	95-53-4	ug/L	3/29/2022	3.02	10.4		<10.4
MW-12	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/29/2022	2.29	10.4		<10.4
MW-12	d	Pentachlorobenzene	608-93-5	ug/L	3/29/2022	2.92	10.4		<10.4
MW-12	d	Pentachloronitrobenzene	82-68-8	ug/L	3/29/2022	6.04	10.4		<10.4
MW-12	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/29/2022	10.0	10.4		<10.4
MW-12	d	Phenacetin	62-44-2	ug/L	3/29/2022	1.98	10.4		<10.4
MW-12	d	Phenanthrene	85-01-8	ug/L	3/29/2022	0.823	10.4		<10.4
MW-12	d	Phenol	108-95-2	ug/L	3/29/2022	1.15	10.4		<10.4
MW-12	d	Phorate	298-02-2	ug/L	3/29/2022	3.33	10.4		<10.4
MW-12	d	Pronamide	23950-58-5	ug/L	3/29/2022	2.81	10.4		<10.4
MW-12	d	Pyrene	129-00-0	ug/L	3/29/2022	0.823	10.4		<10.4
MW-12	d	Safrole	94-59-7	ug/L	3/29/2022	2.92	10.4		<10.4
MW-12	d	Thionazin	297-97-2	ug/L	3/29/2022	3.65	10.4		<10.4
MW-12	d	Cyanide	57-12-5	mg/L	3/29/2022	0.00430	0.0100		<0.0100
MW-12	d	Sulfide	18496-25-8	mg/L	3/29/2022	0.231	1.00		<1.00
MW-12	d	Total Suspended Solids	TSS	mg/L	3/29/2022	0.638	1.88		<1.88
MW-13	d	Antimony	7440-36-0	mg/L	3/29/2022	0.000690	0.00200		<0.00200
MW-13	d	Arsenic	7440-38-2	mg/L	3/29/2022	0.000750	0.00200		0.0277
MW-13	d	Barium	7440-39-3	mg/L	3/29/2022	0.000880	0.00200		0.259
MW-13	d	Beryllium	7440-41-7	mg/L	3/29/2022	0.000270	0.00100		<0.00100
MW-13	d	Cadmium	7440-43-9	mg/L	3/29/2022	0.0000550	0.000100		<0.000100
MW-13	d	Chromium	7440-47-3	mg/L	3/29/2022	0.00110	0.00500		<0.00500
MW-13	d	Cobalt	7440-48-4	mg/L	3/29/2022	0.000190	0.000500		0.0120
MW-13	d	Copper	7440-50-8	mg/L	3/29/2022	0.00180	0.00500		<0.00500
MW-13	d	Lead	7439-92-1	mg/L	3/29/2022	0.000240	0.000500		<0.000500
MW-13	d	Nickel	7440-02-0	mg/L	3/29/2022	0.00190	0.00500		0.0220
MW-13	d	Selenium	7782-49-2	mg/L	3/29/2022	0.000960	0.00500	J	0.00105
MW-13	d	Silver	7440-22-4	mg/L	3/29/2022	0.000490	0.00100		<0.00100
MW-13	d	Thallium	7440-28-0	mg/L	3/29/2022	0.000260	0.00100		<0.00100
MW-13	d	Vanadium	7440-62-2	mg/L	3/29/2022	0.00110	0.00500		<0.00500
MW-13	d	Zinc	7440-66-6	mg/L	3/29/2022	0.0100	0.0200		<0.0200
MW-13	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2022	0.380	1.00		<1.00
MW-13	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2022	0.190	1.00		<1.00
MW-13	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2022	0.470	1.00		<1.00
MW-13	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2022	0.450	1.00		<1.00
MW-13	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2022	0.220	1.00		<1.00
MW-13	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2022	0.560	2.00		<2.00
MW-13	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2022	0.590	1.00		<1.00
MW-13	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/29/2022	1.20	1.20		<1.20
MW-13	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2022	0.340	0.340		<0.340
MW-13	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2022	0.370	1.00		<1.00
MW-13	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2022	0.390	1.00		<1.00
MW-13	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2022	0.270	1.00		<1.00
MW-13	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2022	0.230	1.00		<1.00
MW-13	d	2-Butanone	78-93-3	ug/L	3/29/2022	2.10	10.0		<10.0
MW-13	d	2-Hexanone	591-78-6	ug/L	3/29/2022	2.00	10.0		<10.0
MW-13	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/29/2022	2.10	10.0		<10.0
MW-13	d	Acetone	67-64-1	ug/L	3/29/2022	3.10	10.0		<10.0
MW-13	d	Acrylonitrile	107-13-1	ug/L	3/29/2022	2.20	10.0		<10.0
MW-13	d	Benzene	71-43-2	ug/L	3/29/2022	0.220	0.500		<0.500
MW-13	d	Bromochloromethane	74-97-5	ug/L	3/29/2022	0.540	5.00		<5.00
MW-13	d	Bromodichloromethane	75-27-4	ug/L	3/29/2022	0.390	1.00		<1.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-13	d	Bromoform	75-25-2	ug/L	3/29/2022	0.780	5.00		<5.00
MW-13	d	Bromomethane	74-83-9	ug/L	3/29/2022	1.10	4.00		<4.00
MW-13	d	Carbon Disulfide	75-15-0	ug/L	3/29/2022	0.450	1.00		<1.00
MW-13	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2022	0.650	2.00		<2.00
MW-13	d	Chlorobenzene	108-90-7	ug/L	3/29/2022	0.400	1.00		<1.00
MW-13	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2022	0.750	5.00		<5.00
MW-13	d	Chloroethane	75-00-3	ug/L	3/29/2022	0.790	4.00		<4.00
MW-13	d	Chloroform	67-66-3	ug/L	3/29/2022	1.30	3.00		<3.00
MW-13	d	Chloromethane	74-87-3	ug/L	3/29/2022	0.610	3.00		<3.00
MW-13	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2022	0.210	1.00		<1.00
MW-13	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2022	0.250	5.00		<5.00
MW-13	d	Methylene Bromide	74-95-3	ug/L	3/29/2022	0.330	1.00		<1.00
MW-13	d	Ethylbenzene	100-41-4	ug/L	3/29/2022	0.310	1.00		<1.00
MW-13	d	Iodomethane	74-88-4	ug/L	3/29/2022	7.00	10.0		<10.0
MW-13	d	Methylene Chloride	75-09-2	ug/L	3/29/2022	1.70	5.00		<5.00
MW-13	d	Styrene	100-42-5	ug/L	3/29/2022	0.370	1.00		<1.00
MW-13	d	Tetrachloroethene	127-18-4	ug/L	3/29/2022	0.480	1.00		<1.00
MW-13	d	Toluene	108-88-3	ug/L	3/29/2022	0.430	1.00		<1.00
MW-13	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2022	0.270	1.00		<1.00
MW-13	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2022	0.560	5.00		<5.00
MW-13	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/29/2022	1.10	10.0		<10.0
MW-13	d	Trichloroethene	79-01-6	ug/L	3/29/2022	0.430	1.00		<1.00
MW-13	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2022	0.380	4.00		<4.00
MW-13	d	Vinyl Acetate	108-05-4	ug/L	3/29/2022	2.50	10.0		<10.0
MW-13	d	Vinyl Chloride	75-01-4	ug/L	3/29/2022	0.180	1.00		<1.00
MW-13	d	Xylenes, total	1330-20-7	ug/L	3/29/2022	0.400	3.00		<3.00
MW-13	d	Total Suspended Solids	TSS	mg/L	3/29/2022	2.55	7.50		18.5
MW-14	d	Antimony	7440-36-0	mg/L	3/29/2022	0.000690	0.00200		<0.00200
MW-14	d	Arsenic	7440-38-2	mg/L	3/29/2022	0.000750	0.00200		0.0219
MW-14	d	Barium	7440-39-3	mg/L	3/29/2022	0.000880	0.00200		0.268
MW-14	d	Beryllium	7440-41-7	mg/L	3/29/2022	0.000270	0.00100		<0.00100
MW-14	d	Cadmium	7440-43-9	mg/L	3/29/2022	0.0000550	0.000100		<0.000100
MW-14	d	Chromium	7440-47-3	mg/L	3/29/2022	0.00110	0.00500		<0.00500
MW-14	d	Cobalt	7440-48-4	mg/L	3/29/2022	0.000190	0.000500		0.00200
MW-14	d	Copper	7440-50-8	mg/L	3/29/2022	0.00180	0.00500		<0.00500
MW-14	d	Lead	7439-92-1	mg/L	3/29/2022	0.000240	0.000500		<0.000500
MW-14	d	Nickel	7440-02-0	mg/L	3/29/2022	0.00190	0.00500		0.00861
MW-14	d	Selenium	7782-49-2	mg/L	3/29/2022	0.000960	0.00500		<0.00500
MW-14	d	Silver	7440-22-4	mg/L	3/29/2022	0.000490	0.00100		<0.00100
MW-14	d	Thallium	7440-28-0	mg/L	3/29/2022	0.000260	0.00100		<0.00100
MW-14	d	Vanadium	7440-62-2	mg/L	3/29/2022	0.00110	0.00500		<0.00500
MW-14	d	Zinc	7440-66-6	mg/L	3/29/2022	0.0100	0.0200		<0.0200
MW-14	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2022	0.380	1.00		<1.00
MW-14	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2022	0.190	1.00		<1.00
MW-14	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2022	0.470	1.00		<1.00
MW-14	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2022	0.450	1.00		<1.00
MW-14	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2022	0.220	1.00		<1.00
MW-14	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2022	0.560	2.00		<2.00
MW-14	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2022	0.590	1.00		<1.00
MW-14	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/29/2022	1.20	1.20		<1.20
MW-14	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2022	0.340	0.340		<0.340
MW-14	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2022	0.370	1.00		<1.00
MW-14	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2022	0.390	1.00		<1.00
MW-14	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2022	0.270	1.00		<1.00
MW-14	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2022	0.230	1.00		<1.00
MW-14	d	2-Butanone	78-93-3	ug/L	3/29/2022	2.10	10.0		<10.0
MW-14	d	2-Hexanone	591-78-6	ug/L	3/29/2022	2.00	10.0		<10.0
MW-14	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/29/2022	2.10	10.0		<10.0
MW-14	d	Acetone	67-64-1	ug/L	3/29/2022	3.10	10.0		<10.0
MW-14	d	Acrylonitrile	107-13-1	ug/L	3/29/2022	2.20	10.0		<10.0
MW-14	d	Benzene	71-43-2	ug/L	3/29/2022	0.220	0.500		<0.500
MW-14	d	Bromochloromethane	74-97-5	ug/L	3/29/2022	0.540	5.00		<5.00
MW-14	d	Bromodichloromethane	75-27-4	ug/L	3/29/2022	0.390	1.00		<1.00
MW-14	d	Bromoform	75-25-2	ug/L	3/29/2022	0.780	5.00		<5.00
MW-14	d	Bromomethane	74-83-9	ug/L	3/29/2022	1.10	4.00		<4.00
MW-14	d	Carbon Disulfide	75-15-0	ug/L	3/29/2022	0.450	1.00		<1.00
MW-14	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2022	0.650	2.00		<2.00
MW-14	d	Chlorobenzene	108-90-7	ug/L	3/29/2022	0.400	1.00		<1.00
MW-14	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2022	0.750	5.00		<5.00
MW-14	d	Chloroethane	75-00-3	ug/L	3/29/2022	0.790	4.00		<4.00
MW-14	d	Chloroform	67-66-3	ug/L	3/29/2022	1.30	3.00		<3.00
MW-14	d	Chloromethane	74-87-3	ug/L	3/29/2022	0.610	3.00		<3.00
MW-14	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2022	0.210	1.00		<1.00
MW-14	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2022	0.250	5.00		<5.00
MW-14	d	Methylene Bromide	74-95-3	ug/L	3/29/2022	0.330	1.00		<1.00
MW-14	d	Ethylbenzene	100-41-4	ug/L	3/29/2022	0.310	1.00		<1.00
MW-14	d	Iodomethane	74-88-4	ug/L	3/29/2022	7.00	10.0		<10.0
MW-14	d	Methylene Chloride	75-09-2	ug/L	3/29/2022	1.70	5.00		<5.00
MW-14	d	Styrene	100-42-5	ug/L	3/29/2022	0.370	1.00		<1.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-14	d	Tetrachloroethene	127-18-4	ug/L	3/29/2022	0.480	1.00		<1.00
MW-14	d	Toluene	108-88-3	ug/L	3/29/2022	0.430	1.00		<1.00
MW-14	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2022	0.270	1.00		<1.00
MW-14	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2022	0.560	5.00		<5.00
MW-14	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/29/2022	1.10	10.0		<10.0
MW-14	d	Trichloroethene	79-01-6	ug/L	3/29/2022	0.430	1.00		<1.00
MW-14	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2022	0.380	4.00		<4.00
MW-14	d	Vinyl Acetate	108-05-4	ug/L	3/29/2022	2.50	10.0		<10.0
MW-14	d	Vinyl Chloride	75-01-4	ug/L	3/29/2022	0.180	1.00		<1.00
MW-14	d	Xylenes, total	1330-20-7	ug/L	3/29/2022	0.400	3.00		<3.00
MW-14	d	Total Suspended Solids	TSS	mg/L	3/29/2022	5.10	15.0		49.0
MW-28	u	Antimony	7440-36-0	mg/L	3/29/2022	0.000690	0.00200		<0.000690
MW-28	u	Arsenic	7440-38-2	mg/L	3/29/2022	0.000750	0.00200		<0.000750
MW-28	u	Barium	7440-39-3	mg/L	3/29/2022	0.000880	0.00200		0.0368
MW-28	u	Beryllium	7440-41-7	mg/L	3/29/2022	0.000270	0.00100		<0.000270
MW-28	u	Cadmium	7440-43-9	mg/L	3/29/2022	0.0000550	0.000100		0.000107
MW-28	u	Chromium	7440-47-3	mg/L	3/29/2022	0.00110	0.00500		<0.00110
MW-28	u	Cobalt	7440-48-4	mg/L	3/29/2022	0.000190	0.000500	J	0.000194
MW-28	u	Copper	7440-50-8	mg/L	3/29/2022	0.00180	0.00500		<0.00180
MW-28	u	Lead	7439-92-1	mg/L	3/29/2022	0.000240	0.000500	J	0.000386
MW-28	u	Nickel	7440-02-0	mg/L	3/29/2022	0.00190	0.00500	J	0.00397
MW-28	u	Selenium	7782-49-2	mg/L	3/29/2022	0.000960	0.00500	J	0.00431
MW-28	u	Silver	7440-22-4	mg/L	3/29/2022	0.000490	0.00100	J	0.000925
MW-28	u	Thallium	7440-28-0	mg/L	3/29/2022	0.000260	0.00100	J	0.000500
MW-28	u	Vanadium	7440-62-2	mg/L	3/29/2022	0.00110	0.00500		<0.00110
MW-28	u	Zinc	7440-66-6	mg/L	3/29/2022	0.0100	0.0200		<0.0100
MW-28	u	Total Suspended Solids	TSS	mg/L	3/29/2022	0.638	1.88		11.5
MW-9B	d	Antimony	7440-36-0	mg/L	3/29/2022	0.000690	0.00200		<0.00200
MW-9B	d	Arsenic	7440-38-2	mg/L	3/29/2022	0.000750	0.00200		0.00227
MW-9B	d	Barium	7440-39-3	mg/L	3/29/2022	0.000880	0.00200		0.0200
MW-9B	d	Beryllium	7440-41-7	mg/L	3/29/2022	0.000270	0.00100		<0.00100
MW-9B	d	Cadmium	7440-43-9	mg/L	3/29/2022	0.0000550	0.000100		<0.000100
MW-9B	d	Chromium	7440-47-3	mg/L	3/29/2022	0.00440	0.0200		<0.0200
MW-9B	d	Cobalt	7440-48-4	mg/L	3/29/2022	0.000190	0.000500	J	0.000402
MW-9B	d	Copper	7440-50-8	mg/L	3/29/2022	0.00180	0.00500		<0.00500
MW-9B	d	Lead	7439-92-1	mg/L	3/29/2022	0.000240	0.000500		<0.000500
MW-9B	d	Nickel	7440-02-0	mg/L	3/29/2022	0.00190	0.00500		<0.00500
MW-9B	d	Selenium	7782-49-2	mg/L	3/29/2022	0.000960	0.00500		<0.00500
MW-9B	d	Silver	7440-22-4	mg/L	3/29/2022	0.000490	0.00100		<0.00100
MW-9B	d	Thallium	7440-28-0	mg/L	3/29/2022	0.000260	0.00100		<0.00100
MW-9B	d	Vanadium	7440-62-2	mg/L	3/29/2022	0.00110	0.00500		<0.00500
MW-9B	d	Zinc	7440-66-6	mg/L	3/29/2022	0.0100	0.0200		<0.0200
MW-9B	d	Tin	7440-31-5	mg/L	3/29/2022	0.00300	0.00500		<0.00500
MW-9B	d	Mercury	7439-97-6	mg/L	3/29/2022	0.000110	0.000200		<0.000200
MW-9B	d	Acetonitrile	75-05-8	mg/L	3/29/2022	0.404	10.0		<10.0
MW-9B	d	Isobutanol	78-83-1	mg/L	3/29/2022	0.553	10.0		<10.0
MW-9B	d	4,4'-DDD	72-54-8	ug/L	3/29/2022	0.0270	0.0640		<0.0640
MW-9B	d	4,4'-DDE	72-55-9	ug/L	3/29/2022	0.0270	0.0640		<0.0640
MW-9B	d	4,4'-DDT	50-29-3	ug/L	3/29/2022	0.0420	0.0640		<0.0640
MW-9B	d	Aldrin	309-00-2	ug/L	3/29/2022	0.0320	0.0640		<0.0640
MW-9B	d	Alpha-BHC	319-84-6	ug/L	3/29/2022	0.0290	0.0640		<0.0640
MW-9B	d	Beta-BHC	319-85-7	ug/L	3/29/2022	0.0370	0.0640	*+	<0.0640
MW-9B	d	Chlordane	57-74-9	ug/L	3/29/2022	0.810	2.00		<2.00
MW-9B	d	Delta-BHC	319-86-8	ug/L	3/29/2022	0.0270	0.0640		<0.0640
MW-9B	d	Dieldrin	60-57-1	ug/L	3/29/2022	0.0260	0.0640		<0.0640
MW-9B	d	Endosulfan I	959-98-8	ug/L	3/29/2022	0.0330	0.0640		<0.0640
MW-9B	d	Endosulfan II	33213-65-9	ug/L	3/29/2022	0.0290	0.0640		<0.0640
MW-9B	d	Endosulfan sulfate	1031-07-8	ug/L	3/29/2022	0.0300	0.0640		<0.0640
MW-9B	d	Endrin	72-20-8	ug/L	3/29/2022	0.0260	0.0640		<0.0640
MW-9B	d	Endrin aldehyde	7421-93-4	ug/L	3/29/2022	0.0290	0.0640		<0.0640
MW-9B	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/29/2022	0.0360	0.0640		<0.0640
MW-9B	d	Heptachlor	76-44-8	ug/L	3/29/2022	0.0330	0.0640		<0.0640
MW-9B	d	Heptachlor Epoxide	1024-57-3	ug/L	3/29/2022	0.0290	0.0640		<0.0640
MW-9B	d	Methoxychlor	72-43-5	ug/L	3/29/2022	0.0410	0.0640		<0.0640
MW-9B	d	Toxaphene	8001-35-2	ug/L	3/29/2022	0.690	2.00		<2.00
MW-9B	d	PCB-1016	12674-11-2	ug/L	3/29/2022	0.170	0.800		<0.800
MW-9B	d	PCB-1221	11104-28-2	ug/L	3/29/2022	0.170	0.800		<0.800
MW-9B	d	PCB-1232	11141-16-5	ug/L	3/29/2022	0.170	0.800		<0.800
MW-9B	d	PCB-1242	53469-21-9	ug/L	3/29/2022	0.170	0.800		<0.800
MW-9B	d	PCB-1248	12672-29-6	ug/L	3/29/2022	0.110	0.800		<0.800
MW-9B	d	PCB-1254	11097-69-1	ug/L	3/29/2022	0.110	0.800		<0.800
MW-9B	d	PCB-1260	11096-82-5	ug/L	3/29/2022	0.110	0.800		<0.800
MW-9B	d	2,4-D [2C]	94-75-7	ug/L	3/29/2022	0.535	0.991	*1	<0.991
MW-9B	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/29/2022	0.126	0.991	*1	<0.991
MW-9B	d	2,4,5-T	93-76-5	ug/L	3/29/2022	0.137	0.991	*1	<0.991
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2022	0.380	1.00		<1.00
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2022	0.190	1.00		<1.00
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2022	0.470	1.00		<1.00
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2022	0.450	1.00		<1.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2022	0.220	1.00		<1.00
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2022	0.560	2.00		<2.00
MW-9B	d	1,1-Dichloropropene	563-58-6	ug/L	3/29/2022	0.430	1.00		<1.00
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2022	0.590	1.00		<1.00
MW-9B	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/29/2022	0.750	5.00		<5.00
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/29/2022	1.20	1.20		<1.20
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2022	0.340	0.340		<0.340
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2022	0.370	1.00		<1.00
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2022	0.390	1.00		<1.00
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2022	0.270	1.00		<1.00
MW-9B	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/29/2022	0.300	1.00		<1.00
MW-9B	d	1,3-Dichloropropane	142-28-9	ug/L	3/29/2022	0.400	1.00		<1.00
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2022	0.230	1.00		<1.00
MW-9B	d	2,2-Dichloropropane	594-20-7	ug/L	3/29/2022	0.690	4.00		<4.00
MW-9B	d	2-Butanone	78-93-3	ug/L	3/29/2022	2.10	10.0		<10.0
MW-9B	d	2-Hexanone	591-78-6	ug/L	3/29/2022	2.00	10.0		<10.0
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/29/2022	2.10	10.0		<10.0
MW-9B	d	Acetone	67-64-1	ug/L	3/29/2022	3.10	10.0		<10.0
MW-9B	d	Acrolein	107-02-8	ug/L	3/29/2022	3.60	10.0		<10.0
MW-9B	d	Acrylonitrile	107-13-1	ug/L	3/29/2022	2.20	10.0		<10.0
MW-9B	d	3-Chloropropene	107-05-1	ug/L	3/29/2022	0.700	2.00		<2.00
MW-9B	d	Benzene	71-43-2	ug/L	3/29/2022	0.220	0.500		<0.500
MW-9B	d	Bromochloromethane	74-97-5	ug/L	3/29/2022	0.540	5.00		<5.00
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	3/29/2022	0.390	1.00		<1.00
MW-9B	d	Bromoform	75-25-2	ug/L	3/29/2022	0.780	5.00		<5.00
MW-9B	d	Bromomethane	74-83-9	ug/L	3/29/2022	1.10	4.00		<4.00
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	3/29/2022	0.450	1.00		<1.00
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2022	0.650	2.00		<2.00
MW-9B	d	Chlorobenzene	108-90-7	ug/L	3/29/2022	0.400	1.00		<1.00
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2022	0.750	5.00		<5.00
MW-9B	d	Chloroethane	75-00-3	ug/L	3/29/2022	0.790	4.00		<4.00
MW-9B	d	Chloroform	67-66-3	ug/L	3/29/2022	1.30	3.00		<3.00
MW-9B	d	Chloromethane	74-87-3	ug/L	3/29/2022	0.610	3.00		<3.00
MW-9B	d	Chloroprene	126-99-8	ug/L	3/29/2022	0.230	1.00		<1.00
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2022	0.210	1.00		<1.00
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2022	0.250	5.00		<5.00
MW-9B	d	Methylene Bromide	74-95-3	ug/L	3/29/2022	0.330	1.00		<1.00
MW-9B	d	Dichlorodifluoromethane	75-71-8	ug/L	3/29/2022	0.250	3.00		<3.00
MW-9B	d	Ethyl Methacrylate	97-63-2	ug/L	3/29/2022	0.680	2.00		<2.00
MW-9B	d	Ethylbenzene	100-41-4	ug/L	3/29/2022	0.310	1.00		<1.00
MW-9B	d	Iodomethane	74-88-4	ug/L	3/29/2022	7.00	10.0		<10.0
MW-9B	d	Methacrylonitrile	126-98-7	ug/L	3/29/2022	3.30	10.0		<10.0
MW-9B	d	Methyl Methacrylate	80-62-6	ug/L	3/29/2022	0.760	2.00		<2.00
MW-9B	d	Methylene Chloride	75-09-2	ug/L	3/29/2022	1.70	5.00		<5.00
MW-9B	d	Naphthalene	91-20-3	ug/L	3/29/2022	3.00	5.00		<5.00
MW-9B	d	Propionitrile	107-12-0	ug/L	3/29/2022	3.40	10.0		<10.0
MW-9B	d	Styrene	100-42-5	ug/L	3/29/2022	0.370	1.00		<1.00
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	3/29/2022	0.480	1.00		<1.00
MW-9B	d	Toluene	108-88-3	ug/L	3/29/2022	0.430	1.00		<1.00
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2022	0.270	1.00		<1.00
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2022	0.560	5.00		<5.00
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/29/2022	1.10	10.0		<10.0
MW-9B	d	Trichloroethene	79-01-6	ug/L	3/29/2022	0.430	1.00		<1.00
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2022	0.380	4.00		<4.00
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	3/29/2022	2.50	10.0		<10.0
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	3/29/2022	0.180	1.00		<1.00
MW-9B	d	Xylenes, total	1330-20-7	ug/L	3/29/2022	0.400	3.00		<3.00
MW-9B	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/29/2022	0.540	10.0		<10.0
MW-9B	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/29/2022	2.30	10.0		<10.0
MW-9B	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/29/2022	3.20	10.0		<10.0
MW-9B	d	1,4-Naphthoquinone	130-15-4	ug/L	3/29/2022	3.60	10.0		<10.0
MW-9B	d	1,4-Phenylenediamine	106-50-3	ug/L	3/29/2022	1.90	10.0	*	<10.0
MW-9B	d	1-Naphthylamine	134-32-7	ug/L	3/29/2022	2.50	10.0		<10.0
MW-9B	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/29/2022	5.30	10.0		<10.0
MW-9B	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/29/2022	5.30	10.0		<10.0
MW-9B	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/29/2022	5.00	10.0		<10.0
MW-9B	d	2,4-Dichlorophenol	120-83-2	ug/L	3/29/2022	0.850	10.0		<10.0
MW-9B	d	2,4-Dimethylphenol	105-67-9	ug/L	3/29/2022	0.580	10.0		<10.0
MW-9B	d	2,4-Dinitrophenol	51-28-5	ug/L	3/29/2022	13.0	20.0		<20.0
MW-9B	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/29/2022	6.40	10.0		<10.0
MW-9B	d	2,6-Dichlorophenol	87-65-0	ug/L	3/29/2022	0.690	10.0		<10.0
MW-9B	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/29/2022	0.520	10.0		<10.0
MW-9B	d	2-Acetylaminofluorene	53-96-3	ug/L	3/29/2022	2.70	10.0		<10.0
MW-9B	d	2-Chloronaphthalene	91-58-7	ug/L	3/29/2022	0.640	10.0		<10.0
MW-9B	d	2-Chlorophenol	95-57-8	ug/L	3/29/2022	0.540	10.0		<10.0
MW-9B	d	2-Methylnaphthalene	91-57-6	ug/L	3/29/2022	0.590	10.0		<10.0
MW-9B	d	2-Methylphenol	95-48-7	ug/L	3/29/2022	0.650	10.0		<10.0
MW-9B	d	2-Naphthylamine	91-59-8	ug/L	3/29/2022	2.10	10.0		<10.0
MW-9B	d	2-Nitroaniline	88-74-4	ug/L	3/29/2022	5.90	10.0		<10.0

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	2-Nitrophenol	88-75-5	ug/L	3/29/2022	6.80	10.0		<10.0
MW-9B	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/29/2022	1.40	10.0		<10.0
MW-9B	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/29/2022	1.50	10.0	*1	<10.0
MW-9B	d	3-Methylcholanthrene	56-49-5	ug/L	3/29/2022	0.320	10.0		<10.0
MW-9B	d	3-Nitroaniline	99-09-2	ug/L	3/29/2022	2.70	10.0		<10.0
MW-9B	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/29/2022	6.90	10.0		<10.0
MW-9B	d	4-Aminobiphenyl	92-67-1	ug/L	3/29/2022	2.20	10.0		<10.0
MW-9B	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/29/2022	0.700	10.0		<10.0
MW-9B	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/29/2022	0.840	10.0		<10.0
MW-9B	d	4-Chloroaniline	106-47-8	ug/L	3/29/2022	0.620	10.0		<10.0
MW-9B	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/29/2022	0.690	10.0		<10.0
MW-9B	d	3/4-Methylphenol	T-34MP	ug/L	3/29/2022	0.700	10.0		<10.0
MW-9B	d	4-Nitroaniline	100-01-6	ug/L	3/29/2022	1.30	10.0		<10.0
MW-9B	d	4-Nitrophenol	100-02-7	ug/L	3/29/2022	7.60	10.0		<10.0
MW-9B	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/29/2022	2.80	10.0		<10.0
MW-9B	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/29/2022	1.90	10.0		<10.0
MW-9B	d	Acenaphthene	83-32-9	ug/L	3/29/2022	0.640	10.0		<10.0
MW-9B	d	Acenaphthylene	208-96-8	ug/L	3/29/2022	0.720	10.0		<10.0
MW-9B	d	Acetophenone	98-86-2	ug/L	3/29/2022	0.690	10.0		<10.0
MW-9B	d	Anthracene	120-12-7	ug/L	3/29/2022	0.870	10.0		<10.0
MW-9B	d	Benzo [a] anthracene	56-55-3	ug/L	3/29/2022	0.850	10.0		<10.0
MW-9B	d	Benzo [a] pyrene	50-32-8	ug/L	3/29/2022	8.10	10.0		<10.0
MW-9B	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/29/2022	4.90	10.0		<10.0
MW-9B	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/29/2022	6.30	10.0		<10.0
MW-9B	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/29/2022	2.20	10.0		<10.0
MW-9B	d	Benzyl alcohol	100-51-6	ug/L	3/29/2022	1.30	10.0		<10.0
MW-9B	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/29/2022	0.760	10.0		<10.0
MW-9B	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/29/2022	0.820	10.0		<10.0
MW-9B	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/29/2022	0.540	10.0		<10.0
MW-9B	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/29/2022	5.50	10.0		<10.0
MW-9B	d	Butyl benzyl phthalate	85-68-7	ug/L	3/29/2022	5.40	10.0		<10.0
MW-9B	d	Chlorobenzoate	510-15-6	ug/L	3/29/2022	3.60	10.0		<10.0
MW-9B	d	Chrysene	218-01-9	ug/L	3/29/2022	0.870	10.0		<10.0
MW-9B	d	Diallate [cis or trans]	2303-16-4	ug/L	3/29/2022	4.00	10.0		<10.0
MW-9B	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/29/2022	3.90	10.0		<10.0
MW-9B	d	Dibenzofuran	132-64-9	ug/L	3/29/2022	0.740	10.0		<10.0
MW-9B	d	Diethyl phthalate	84-66-2	ug/L	3/29/2022	1.70	10.0		<10.0
MW-9B	d	Dimethoate	60-51-5	ug/L	3/29/2022	3.60	10.0		<10.0
MW-9B	d	Dimethyl phthalate	131-11-3	ug/L	3/29/2022	1.00	10.0		<10.0
MW-9B	d	Di-n-butyl phthalate	84-74-2	ug/L	3/29/2022	5.60	10.0		<10.0
MW-9B	d	Di-n-octyl phthalate	117-84-0	ug/L	3/29/2022	7.00	20.0	*1	<20.0
MW-9B	d	Dinoseb	88-85-7	ug/L	3/29/2022	2.40	10.0		<10.0
MW-9B	d	Diphenylamine	122-39-4	ug/L	3/29/2022	6.00	10.0		<10.0
MW-9B	d	Disulfoton	298-04-4	ug/L	3/29/2022	2.40	10.0		<10.0
MW-9B	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/29/2022	3.60	10.0		<10.0
MW-9B	d	Parathion-Ethyl	56-38-2	ug/L	3/29/2022	2.20	10.0		<10.0
MW-9B	d	Famphur	52-85-7	ug/L	3/29/2022	3.80	10.0	*+	<10.0
MW-9B	d	Fluoranthene	206-44-0	ug/L	3/29/2022	1.70	10.0		<10.0
MW-9B	d	Fluorene	86-73-7	ug/L	3/29/2022	0.790	10.0		<10.0
MW-9B	d	Hexachlorobenzene	118-74-1	ug/L	3/29/2022	0.700	10.0		<10.0
MW-9B	d	Hexachlorobutadiene	87-68-3	ug/L	3/29/2022	0.860	10.0		<10.0
MW-9B	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/29/2022	5.10	10.0		<10.0
MW-9B	d	Hexachloroethane	67-72-1	ug/L	3/29/2022	0.970	10.0		<10.0
MW-9B	d	Hexachloropropene	1888-71-7	ug/L	3/29/2022	2.60	10.0		<10.0
MW-9B	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/29/2022	4.20	10.0		<10.0
MW-9B	d	Isodrin	465-73-6	ug/L	3/29/2022	4.70	10.0		<10.0
MW-9B	d	Isophorone	78-59-1	ug/L	3/29/2022	0.930	10.0		<10.0
MW-9B	d	Isosafrole	120-58-1	ug/L	3/29/2022	2.30	10.0		<10.0
MW-9B	d	Kepone	143-50-0	ug/L	3/29/2022	1.00	10.0		<10.0
MW-9B	d	Methapyrilene	91-80-5	ug/L	3/29/2022	0.760	10.0	*- *1	<10.0
MW-9B	d	Methyl Methanesulfonate	66-27-3	ug/L	3/29/2022	3.30	10.0		<10.0
MW-9B	d	Parathion-Methyl	298-00-0	ug/L	3/29/2022	2.30	10.0		<10.0
MW-9B	d	Nitrobenzene	98-95-3	ug/L	3/29/2022	0.800	10.0		<10.0
MW-9B	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/29/2022	3.40	10.0		<10.0
MW-9B	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/29/2022	0.720	10.0		<10.0
MW-9B	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/29/2022	3.90	10.0		<10.0
MW-9B	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/29/2022	0.920	10.0		<10.0
MW-9B	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/29/2022	0.750	10.0		<10.0
MW-9B	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/29/2022	4.90	10.0		<10.0
MW-9B	d	N-Nitrosopiperidine	100-75-4	ug/L	3/29/2022	2.70	10.0		<10.0
MW-9B	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/29/2022	3.60	10.0		<10.0
MW-9B	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/29/2022	3.20	10.0		<10.0
MW-9B	d	O-Toluidine	95-53-4	ug/L	3/29/2022	2.90	10.0		<10.0
MW-9B	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/29/2022	2.20	10.0		<10.0
MW-9B	d	Pentachlorobenzene	608-93-5	ug/L	3/29/2022	2.80	10.0		<10.0
MW-9B	d	Pentachloronitrobenzene	82-68-8	ug/L	3/29/2022	5.80	10.0		<10.0
MW-9B	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/29/2022	9.60	10.0		<10.0
MW-9B	d	Phenacetin	62-44-2	ug/L	3/29/2022	1.90	10.0		<10.0
MW-9B	d	Phenanthrene	85-01-8	ug/L	3/29/2022	0.790	10.0		<10.0

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Phenol	108-95-2	ug/L	3/29/2022	1.10	10.0		<10.0
MW-9B	d	Phorate	298-02-2	ug/L	3/29/2022	3.20	10.0		<10.0
MW-9B	d	Pronamide	23950-58-5	ug/L	3/29/2022	2.70	10.0		<10.0
MW-9B	d	Pyrene	129-00-0	ug/L	3/29/2022	0.790	10.0		<10.0
MW-9B	d	Safrole	94-59-7	ug/L	3/29/2022	2.80	10.0		<10.0
MW-9B	d	Thionazin	297-97-2	ug/L	3/29/2022	3.50	10.0		<10.0
MW-9B	d	Cyanide	57-12-5	mg/L	3/29/2022	0.00430	0.0100		<0.0100
MW-9B	d	Sulfide	18496-25-8	mg/L	3/29/2022	0.231	1.00		<1.00
MW-9B	d	Total Suspended Solids	TSS	mg/L	3/29/2022	1.70	5.00		12.7
MW-3	d	Antimony	7440-36-0	mg/L	3/31/2022	0.00345	0.0100	J	0.00502
MW-3	d	Arsenic	7440-38-2	mg/L	3/31/2022	0.00375	0.0100		0.0254
MW-3	d	Barium	7440-39-3	mg/L	3/31/2022	0.00440	0.0100		2.40
MW-3	d	Beryllium	7440-41-7	mg/L	3/31/2022	0.00135	0.00500		<0.00135
MW-3	d	Cadmium	7440-43-9	mg/L	3/31/2022	0.000275	0.000500		0.000550
MW-3	d	Chromium	7440-47-3	mg/L	3/31/2022	0.00550	0.0250		0.0259
MW-3	d	Cobalt	7440-48-4	mg/L	3/31/2022	0.000950	0.00250		0.0155
MW-3	d	Copper	7440-50-8	mg/L	3/31/2022	0.00900	0.0250		<0.00900
MW-3	d	Lead	7439-92-1	mg/L	3/31/2022	0.00120	0.00250		0.00789
MW-3	d	Nickel	7440-02-0	mg/L	3/31/2022	0.00950	0.0250		0.122
MW-3	d	Selenium	7782-49-2	mg/L	3/31/2022	0.00480	0.0250	J	0.00870
MW-3	d	Silver	7440-22-4	mg/L	3/31/2022	0.00245	0.00500		0.00529
MW-3	d	Thallium	7440-28-0	mg/L	3/31/2022	0.00130	0.00500	J	0.00375
MW-3	d	Vanadium	7440-62-2	mg/L	3/31/2022	0.00550	0.0250	J	0.0104
MW-3	d	Zinc	7440-66-6	mg/L	3/31/2022	0.0500	0.100	J	0.0833
MW-3	d	Tin	7440-31-5	mg/L	3/31/2022	0.0150	0.0250		<0.0150
MW-3	d	Endosulfan I	959-98-8	ug/L	3/31/2022	0.0306	0.0593		0.282
MW-3	d	Endosulfan II	33213-65-9	ug/L	3/31/2022	0.0269	0.0593		<0.0269
MW-3	d	Acetone	67-64-1	ug/L	3/31/2022	310	1000		<310
MW-3	d	Acrylonitrile	107-13-1	ug/L	3/31/2022	220	1000		<220
MW-3	d	Benzene	71-43-2	ug/L	3/31/2022	22.0	50.0		108
MW-3	d	Bromochloromethane	74-97-5	ug/L	3/31/2022	54.0	500		<54.0
MW-3	d	Bromodichloromethane	75-27-4	ug/L	3/31/2022	39.0	100		<39.0
MW-3	d	Bromoform	75-25-2	ug/L	3/31/2022	78.0	500		<78.0
MW-3	d	Bromomethane	74-83-9	ug/L	3/31/2022	110	400		<110
MW-3	d	2-Butanone	78-93-3	ug/L	3/31/2022	210	1000		<210
MW-3	d	Carbon Disulfide	75-15-0	ug/L	3/31/2022	45.0	100		<45.0
MW-3	d	Carbon Tetrachloride	56-23-5	ug/L	3/31/2022	65.0	200		<65.0
MW-3	d	Chlorobenzene	108-90-7	ug/L	3/31/2022	40.0	100		<40.0
MW-3	d	Chlorodibromomethane	124-48-1	ug/L	3/31/2022	75.0	500		<75.0
MW-3	d	Chloroethane	75-00-3	ug/L	3/31/2022	79.0	400		<79.0
MW-3	d	Chloroform	67-66-3	ug/L	3/31/2022	130	300		<130
MW-3	d	Chloromethane	74-87-3	ug/L	3/31/2022	61.0	300		<61.0
MW-3	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/31/2022	21.0	100		<21.0
MW-3	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/31/2022	25.0	500		<25.0
MW-3	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/31/2022	120	120		<120
MW-3	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/31/2022	34.0	34.0		<34.0
MW-3	d	Methylene Bromide	74-95-3	ug/L	3/31/2022	33.0	100		<33.0
MW-3	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/31/2022	37.0	100		<37.0
MW-3	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/31/2022	23.0	100		<23.0
MW-3	d	1,1-Dichloroethane	75-34-3	ug/L	3/31/2022	22.0	100		<22.0
MW-3	d	1,2-Dichloroethane	107-06-2	ug/L	3/31/2022	39.0	100		<39.0
MW-3	d	1,1-Dichloroethene	75-35-4	ug/L	3/31/2022	56.0	200		<56.0
MW-3	d	1,2-Dichloropropane	78-87-5	ug/L	3/31/2022	27.0	100		<27.0
MW-3	d	Ethylbenzene	100-41-4	ug/L	3/31/2022	31.0	100		167
MW-3	d	2-Hexanone	591-78-6	ug/L	3/31/2022	200	1000		<200
MW-3	d	Iodomethane	74-88-4	ug/L	3/31/2022	700	1000		<700
MW-3	d	Methylene Chloride	75-09-2	ug/L	3/31/2022	170	500		<170
MW-3	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/31/2022	210	1000		<210
MW-3	d	Styrene	100-42-5	ug/L	3/31/2022	37.0	100		<37.0
MW-3	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/31/2022	38.0	100		<38.0
MW-3	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/31/2022	47.0	100		<47.0
MW-3	d	Tetrachloroethene	127-18-4	ug/L	3/31/2022	48.0	100		<48.0
MW-3	d	Toluene	108-88-3	ug/L	3/31/2022	43.0	100		<43.0
MW-3	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/31/2022	110	1000		<110
MW-3	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/31/2022	27.0	100		<27.0
MW-3	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/31/2022	56.0	500		<56.0
MW-3	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/31/2022	19.0	100		<19.0
MW-3	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/31/2022	45.0	100		<45.0
MW-3	d	Trichloroethene	79-01-6	ug/L	3/31/2022	43.0	100		<43.0
MW-3	d	Trichlorofluoromethane	75-69-4	ug/L	3/31/2022	38.0	400		<38.0
MW-3	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/31/2022	59.0	100		<59.0
MW-3	d	Vinyl Acetate	108-05-4	ug/L	3/31/2022	250	1000		<250
MW-3	d	Vinyl Chloride	75-01-4	ug/L	3/31/2022	18.0	100		<18.0
MW-3	d	Xylenes, total	1330-20-7	ug/L	3/31/2022	40.0	300		349
MW-3	d	Dimethyl phthalate	131-11-3	ug/L	3/31/2022	1.00	10.0		<1.00
MW-3	d	Sulfide	18496-25-8	mg/L	3/31/2022	0.231	1.00		7.35
MW-3	d	Total Suspended Solids	TSS	mg/L	3/31/2022	10.2	30.0		94.0
GDE	d	Nickel	7440-02-0	mg/L	5/16/2022	0.0019	0.005		0.0207
GDE	d	Total Suspended Solids	TSS	mg/L	5/17/2022	1.7	5		14.7

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
GDE	d	Nickel	7440-02-0	mg/L	6/16/2022	0.00190	0.00500		0.0223
GDE	d	Nickel, Dissolved	D7440-02-0	mg/L	6/16/2022	0.00190	0.00500		0.0219
GDE	d	Total Suspended Solids	TSS	mg/L	6/16/2022	1.70	5.00		6.33
MW-16	d	Antimony	7440-36-0	mg/L	11/15/2022	0.000690	0.00200		<0.000690
MW-16	d	Arsenic	7440-38-2	mg/L	11/15/2022	0.000750	0.00200		0.00235
MW-16	d	Barium	7440-39-3	mg/L	11/15/2022	0.000880	0.00200		0.0536
MW-16	d	Beryllium	7440-41-7	mg/L	11/15/2022	0.000270	0.00100		<0.000270
MW-16	d	Cadmium	7440-43-9	mg/L	11/15/2022	0.0000550	0.000100		<0.0000550
MW-16	d	Chromium	7440-47-3	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-16	d	Cobalt	7440-48-4	mg/L	11/15/2022	0.000190	0.000500	J	0.000354
MW-16	d	Copper	7440-50-8	mg/L	11/15/2022	0.00180	0.00500		<0.00180
MW-16	d	Lead	7439-92-1	mg/L	11/15/2022	0.000240	0.000500		<0.000240
MW-16	d	Nickel	7440-02-0	mg/L	11/15/2022	0.00190	0.00500		<0.00190
MW-16	d	Selenium	7782-49-2	mg/L	11/15/2022	0.000960	0.00500		<0.000960
MW-16	d	Silver	7440-22-4	mg/L	11/15/2022	0.000490	0.00100		<0.000490
MW-16	d	Thallium	7440-28-0	mg/L	11/15/2022	0.000260	0.00100		<0.000260
MW-16	d	Vanadium	7440-62-2	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-16	d	Zinc	7440-66-6	mg/L	11/15/2022	0.0100	0.0200		<0.0100
MW-16	d	Acetone	67-64-1	ug/L	11/15/2022	3.10	10.0		<3.10
MW-16	d	Acrylonitrile	107-13-1	ug/L	11/15/2022	2.20	10.0		<2.20
MW-16	d	Benzene	71-43-2	ug/L	11/15/2022	0.220	0.500		<0.220
MW-16	d	Bromochloromethane	74-97-5	ug/L	11/15/2022	0.540	5.00		<0.540
MW-16	d	Bromodichloromethane	75-27-4	ug/L	11/15/2022	0.390	1.00		<0.390
MW-16	d	Bromoform	75-25-2	ug/L	11/15/2022	0.780	5.00		<0.780
MW-16	d	Bromomethane	74-83-9	ug/L	11/15/2022	1.10	4.00		<1.10
MW-16	d	2-Butanone	78-93-3	ug/L	11/15/2022	2.10	10.0		<2.10
MW-16	d	Carbon Disulfide	75-15-0	ug/L	11/15/2022	0.450	1.00		<0.450
MW-16	d	Carbon Tetrachloride	56-23-5	ug/L	11/15/2022	0.650	2.00		<0.650
MW-16	d	Chlorobenzene	108-90-7	ug/L	11/15/2022	0.400	1.00		<0.400
MW-16	d	Chlorodibromomethane	124-48-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-16	d	Chloroethane	75-00-3	ug/L	11/15/2022	0.790	4.00		<0.790
MW-16	d	Chloroform	67-66-3	ug/L	11/15/2022	1.30	3.00		<1.30
MW-16	d	Chloromethane	74-87-3	ug/L	11/15/2022	0.610	3.00		<0.610
MW-16	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/2022	0.210	1.00		<0.210
MW-16	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/15/2022	0.250	5.00		<0.250
MW-16	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/15/2022	1.20	1.20		<1.20
MW-16	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/15/2022	0.340	0.340		<0.340
MW-16	d	Methylene Bromide	74-95-3	ug/L	11/15/2022	0.330	1.00		<0.330
MW-16	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/15/2022	0.370	1.00		<0.370
MW-16	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/15/2022	0.230	1.00		<0.230
MW-16	d	1,1-Dichloroethane	75-34-3	ug/L	11/15/2022	0.220	1.00		<0.220
MW-16	d	1,2-Dichloroethane	107-06-2	ug/L	11/15/2022	0.390	1.00		<0.390
MW-16	d	1,1-Dichloroethene	75-35-4	ug/L	11/15/2022	0.560	2.00		<0.560
MW-16	d	1,2-Dichloropropane	78-87-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-16	d	Ethylbenzene	100-41-4	ug/L	11/15/2022	0.310	1.00		<0.310
MW-16	d	2-Hexanone	591-78-6	ug/L	11/15/2022	2.00	10.0		<2.00
MW-16	d	Iodomethane	74-88-4	ug/L	11/15/2022	7.00	10.0		<7.00
MW-16	d	Methylene Chloride	75-09-2	ug/L	11/15/2022	1.70	5.00		<1.70
MW-16	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/15/2022	2.10	10.0		<2.10
MW-16	d	Styrene	100-42-5	ug/L	11/15/2022	0.370	1.00		<0.370
MW-16	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/15/2022	0.380	1.00		<0.380
MW-16	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/15/2022	0.470	1.00		<0.470
MW-16	d	Tetrachloroethene	127-18-4	ug/L	11/15/2022	0.480	1.00		<0.480
MW-16	d	Toluene	108-88-3	ug/L	11/15/2022	0.430	1.00		<0.430
MW-16	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/15/2022	1.10	10.0		<1.10
MW-16	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-16	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/15/2022	0.560	5.00		<0.560
MW-16	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/15/2022	0.190	1.00		<0.190
MW-16	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/15/2022	0.450	1.00		<0.450
MW-16	d	Trichloroethene	79-01-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-16	d	Trichlorofluoromethane	75-69-4	ug/L	11/15/2022	0.380	4.00		<0.380
MW-16	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/15/2022	0.590	1.00		<0.590
MW-16	d	Vinyl Acetate	108-05-4	ug/L	11/15/2022	2.50	10.0		<2.50
MW-16	d	Vinyl Chloride	75-01-4	ug/L	11/15/2022	0.180	1.00		<0.180
MW-16	d	Xylenes, total	1330-20-7	ug/L	11/15/2022	0.400	3.00		<0.400
MW-16	d	Total Suspended Solids	TSS	mg/L	11/15/2022	2.55	7.50		20.0
MW-6A	u	Antimony	7440-36-0	mg/L	11/15/2022	0.000690	0.00200		<0.000690
MW-6A	u	Arsenic	7440-38-2	mg/L	11/15/2022	0.000750	0.00200		<0.000750
MW-6A	u	Barium	7440-39-3	mg/L	11/15/2022	0.000880	0.00200		0.292
MW-6A	u	Beryllium	7440-41-7	mg/L	11/15/2022	0.000270	0.00100		<0.000270
MW-6A	u	Cadmium	7440-43-9	mg/L	11/15/2022	0.0000550	0.000100		<0.0000550
MW-6A	u	Chromium	7440-47-3	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-6A	u	Cobalt	7440-48-4	mg/L	11/15/2022	0.000190	0.000500		0.000626
MW-6A	u	Copper	7440-50-8	mg/L	11/15/2022	0.00180	0.00500		<0.00180
MW-6A	u	Lead	7439-92-1	mg/L	11/15/2022	0.000240	0.000500		<0.000240
MW-6A	u	Nickel	7440-02-0	mg/L	11/15/2022	0.00190	0.00500	J	0.00270
MW-6A	u	Selenium	7782-49-2	mg/L	11/15/2022	0.000960	0.00500		<0.000960
MW-6A	u	Silver	7440-22-4	mg/L	11/15/2022	0.000490	0.00100		<0.000490
MW-6A	u	Thallium	7440-28-0	mg/L	11/15/2022	0.000260	0.00100		<0.000260

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Vanadium	7440-62-2	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-6A	u	Zinc	7440-66-6	mg/L	11/15/2022	0.0100	0.0200		<0.0100
MW-6A	u	Acetone	67-64-1	ug/L	11/15/2022	3.10	10.0		<3.10
MW-6A	u	Acrylonitrile	107-13-1	ug/L	11/15/2022	2.20	10.0		<2.20
MW-6A	u	Benzene	71-43-2	ug/L	11/15/2022	0.220	0.500		<0.220
MW-6A	u	Bromochloromethane	74-97-5	ug/L	11/15/2022	0.540	5.00		<0.540
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	11/15/2022	0.390	1.00		<0.390
MW-6A	u	Bromoform	75-25-2	ug/L	11/15/2022	0.780	5.00		<0.780
MW-6A	u	Bromomethane	74-83-9	ug/L	11/15/2022	1.10	4.00	J	1.30
MW-6A	u	2-Butanone	78-93-3	ug/L	11/15/2022	2.10	10.0		<2.10
MW-6A	u	Carbon Disulfide	75-15-0	ug/L	11/15/2022	0.450	1.00		<0.450
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	11/15/2022	0.650	2.00		<0.650
MW-6A	u	Chlorobenzene	108-90-7	ug/L	11/15/2022	0.400	1.00		<0.400
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-6A	u	Chloroethane	75-00-3	ug/L	11/15/2022	0.790	4.00		<0.790
MW-6A	u	Chloroform	67-66-3	ug/L	11/15/2022	1.30	3.00		<1.30
MW-6A	u	Chloromethane	74-87-3	ug/L	11/15/2022	0.610	3.00	J B	0.742
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/2022	0.210	1.00		<0.210
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/15/2022	0.250	5.00		<0.250
MW-6A	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/15/2022	1.20	1.20		<1.20
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/15/2022	0.340	0.340		<0.340
MW-6A	u	Methylene Bromide	74-95-3	ug/L	11/15/2022	0.330	1.00		<0.330
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	11/15/2022	0.370	1.00		<0.370
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	11/15/2022	0.230	1.00		<0.230
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	11/15/2022	0.220	1.00		<0.220
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	11/15/2022	0.390	1.00		<0.390
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	11/15/2022	0.560	2.00		<0.560
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-6A	u	Ethylbenzene	100-41-4	ug/L	11/15/2022	0.310	1.00		<0.310
MW-6A	u	2-Hexanone	591-78-6	ug/L	11/15/2022	2.00	10.0		<2.00
MW-6A	u	Iodomethane	74-88-4	ug/L	11/15/2022	7.00	10.0		<7.00
MW-6A	u	Methylene Chloride	75-09-2	ug/L	11/15/2022	1.70	5.00		<1.70
MW-6A	u	4-Methyl-2-Pentanone	108-10-1	ug/L	11/15/2022	2.10	10.0		<2.10
MW-6A	u	Styrene	100-42-5	ug/L	11/15/2022	0.370	1.00		<0.370
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/15/2022	0.380	1.00		<0.380
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/15/2022	0.470	1.00		<0.470
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	11/15/2022	0.480	1.00		<0.480
MW-6A	u	Toluene	108-88-3	ug/L	11/15/2022	0.430	1.00		<0.430
MW-6A	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/15/2022	1.10	10.0		<1.10
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/15/2022	0.560	5.00		<0.560
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	11/15/2022	0.190	1.00		<0.190
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	11/15/2022	0.450	1.00		<0.450
MW-6A	u	Trichloroethene	79-01-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	11/15/2022	0.380	4.00		<0.380
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	11/15/2022	0.590	1.00		<0.590
MW-6A	u	Vinyl Acetate	108-05-4	ug/L	11/15/2022	2.50	10.0		<2.50
MW-6A	u	Vinyl Chloride	75-01-4	ug/L	11/15/2022	0.180	1.00		<0.180
MW-6A	u	Xylenes, total	1330-20-7	ug/L	11/15/2022	0.400	3.00		<0.400
MW-6A	u	Total Suspended Solids	TSS	mg/L	11/15/2022	0.638	1.88	J	1.25
MW-12	d	Antimony	7440-36-0	mg/L	11/15/2022	0.000690	0.00200		<0.000690
MW-12	d	Arsenic	7440-38-2	mg/L	11/15/2022	0.000750	0.00200		<0.000750
MW-12	d	Barium	7440-39-3	mg/L	11/15/2022	0.000880	0.00200		0.0629
MW-12	d	Beryllium	7440-41-7	mg/L	11/15/2022	0.000270	0.00100		<0.000270
MW-12	d	Cadmium	7440-43-9	mg/L	11/15/2022	0.0000550	0.000100		<0.0000550
MW-12	d	Chromium	7440-47-3	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-12	d	Cobalt	7440-48-4	mg/L	11/15/2022	0.000190	0.000500		0.000856
MW-12	d	Copper	7440-50-8	mg/L	11/15/2022	0.00180	0.00500		<0.00180
MW-12	d	Lead	7439-92-1	mg/L	11/15/2022	0.000240	0.000500		<0.000240
MW-12	d	Nickel	7440-02-0	mg/L	11/15/2022	0.00190	0.00500		0.0181
MW-12	d	Selenium	7782-49-2	mg/L	11/15/2022	0.000960	0.00500		<0.000960
MW-12	d	Silver	7440-22-4	mg/L	11/15/2022	0.000490	0.00100		<0.000490
MW-12	d	Thallium	7440-28-0	mg/L	11/15/2022	0.000260	0.00100		<0.000260
MW-12	d	Vanadium	7440-62-2	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-12	d	Zinc	7440-66-6	mg/L	11/15/2022	0.0100	0.0200		<0.0100
MW-12	d	Tin	7440-31-5	mg/L	11/15/2022	0.00300	0.00500		<0.00300
MW-12	d	Mercury	7439-97-6	mg/L	11/15/2022	0.000110	0.000200		<0.000110
MW-12	d	Acetonitrile	75-05-8	mg/L	11/15/2022	0.404	10.0		<0.404
MW-12	d	Isobutanol	78-83-1	mg/L	11/15/2022	0.553	10.0		<0.553
MW-12	d	4,4'-DDD	72-54-8	ug/L	11/15/2022	0.0314	0.0744		<0.0314
MW-12	d	4,4'-DDE	72-55-9	ug/L	11/15/2022	0.0314	0.0744		<0.0314
MW-12	d	4,4'-DDT	50-29-3	ug/L	11/15/2022	0.0488	0.0744		<0.0488
MW-12	d	Aldrin	309-00-2	ug/L	11/15/2022	0.0372	0.0744		<0.0372
MW-12	d	Alpha-BHC	319-84-6	ug/L	11/15/2022	0.0337	0.0744		<0.0337
MW-12	d	Beta-BHC	319-85-7	ug/L	11/15/2022	0.0430	0.0744		<0.0430
MW-12	d	Chlordane	57-74-9	ug/L	11/15/2022	0.942	2.33		<0.942
MW-12	d	Delta-BHC	319-86-8	ug/L	11/15/2022	0.0314	0.0744		<0.0314
MW-12	d	Dieldrin	60-57-1	ug/L	11/15/2022	0.0302	0.0744		<0.0302
MW-12	d	Endosulfan I	959-98-8	ug/L	11/15/2022	0.0384	0.0744		<0.0384

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Endosulfan II	33213-65-9	ug/L	11/15/2022	0.0337	0.0744		<0.0337
MW-12	d	Endosulfan sulfate	1031-07-8	ug/L	11/15/2022	0.0349	0.0744		<0.0349
MW-12	d	Endrin	72-20-8	ug/L	11/15/2022	0.0302	0.0744		<0.0302
MW-12	d	Endrin aldehyde	7421-93-4	ug/L	11/15/2022	0.0337	0.0744		<0.0337
MW-12	d	Gamma-BHC [Lindane]	58-89-9	ug/L	11/15/2022	0.0419	0.0744		<0.0419
MW-12	d	Heptachlor	76-44-8	ug/L	11/15/2022	0.0384	0.0744		<0.0384
MW-12	d	Heptachlor Epoxide	1024-57-3	ug/L	11/15/2022	0.0337	0.0744		<0.0337
MW-12	d	Methoxychlor	72-43-5	ug/L	11/15/2022	0.0477	0.0744		<0.0477
MW-12	d	Toxaphene	8001-35-2	ug/L	11/15/2022	0.802	2.33		<0.802
MW-12	d	PCB-1016	12674-11-2	ug/L	11/15/2022	0.198	0.930		<0.198
MW-12	d	PCB-1221	11104-28-2	ug/L	11/15/2022	0.198	0.930		<0.198
MW-12	d	PCB-1232	11141-16-5	ug/L	11/15/2022	0.198	0.930		<0.198
MW-12	d	PCB-1242	53469-21-9	ug/L	11/15/2022	0.198	0.930		<0.198
MW-12	d	PCB-1248	12672-29-6	ug/L	11/15/2022	0.128	0.930		<0.128
MW-12	d	PCB-1254	11097-69-1	ug/L	11/15/2022	0.128	0.930		<0.128
MW-12	d	PCB-1260	11096-82-5	ug/L	11/15/2022	0.128	0.930		<0.128
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/15/2022	0.380	1.00		<0.380
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/15/2022	0.190	1.00		<0.190
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/15/2022	0.470	1.00		<0.470
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/15/2022	0.450	1.00		<0.450
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	11/15/2022	0.220	1.00		<0.220
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	11/15/2022	0.560	2.00		<0.560
MW-12	d	1,1-Dichloropropene	563-58-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/15/2022	0.590	1.00		<0.590
MW-12	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/15/2022	1.20	1.20		<1.20
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/15/2022	0.340	0.340		<0.340
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/15/2022	0.370	1.00		<0.370
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	11/15/2022	0.390	1.00		<0.390
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-12	d	1,3-Dichlorobenzene	541-73-1	ug/L	11/15/2022	0.300	1.00		<0.300
MW-12	d	1,3-Dichloropropane	142-28-9	ug/L	11/15/2022	0.400	1.00		<0.400
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/15/2022	0.230	1.00		<0.230
MW-12	d	2,2-Dichloropropane	594-20-7	ug/L	11/15/2022	0.690	4.00		<0.690
MW-12	d	2-Butanone	78-93-3	ug/L	11/15/2022	2.10	10.0		<2.10
MW-12	d	2-Hexanone	591-78-6	ug/L	11/15/2022	2.00	10.0		<2.00
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/15/2022	2.10	10.0		<2.10
MW-12	d	Acetone	67-64-1	ug/L	11/15/2022	3.10	10.0		<3.10
MW-12	d	Acrolein	107-02-8	ug/L	11/15/2022	3.60	10.0		<3.60
MW-12	d	Acrylonitrile	107-13-1	ug/L	11/15/2022	2.20	10.0		<2.20
MW-12	d	3-Chloropropene	107-05-1	ug/L	11/15/2022	0.700	2.00		<0.700
MW-12	d	Benzene	71-43-2	ug/L	11/15/2022	0.220	0.500		<0.220
MW-12	d	Bromochloromethane	74-97-5	ug/L	11/15/2022	0.540	5.00		<0.540
MW-12	d	Bromodichloromethane	75-27-4	ug/L	11/15/2022	0.390	1.00		<0.390
MW-12	d	Bromoform	75-25-2	ug/L	11/15/2022	0.780	5.00		<0.780
MW-12	d	Bromomethane	74-83-9	ug/L	11/15/2022	1.10	4.00	J	1.19
MW-12	d	Carbon Disulfide	75-15-0	ug/L	11/15/2022	0.450	1.00		<0.450
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	11/15/2022	0.650	2.00		<0.650
MW-12	d	Chlorobenzene	108-90-7	ug/L	11/15/2022	0.400	1.00		<0.400
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-12	d	Chloroethane	75-00-3	ug/L	11/15/2022	0.790	4.00		<0.790
MW-12	d	Chloroform	67-66-3	ug/L	11/15/2022	1.30	3.00		<1.30
MW-12	d	Chloromethane	74-87-3	ug/L	11/15/2022	0.610	3.00	J B	1.08
MW-12	d	Chloroprene	126-99-8	ug/L	11/15/2022	0.230	1.00		<0.230
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/2022	0.210	1.00		<0.210
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/15/2022	0.250	5.00		<0.250
MW-12	d	Methylene Bromide	74-95-3	ug/L	11/15/2022	0.330	1.00		<0.330
MW-12	d	Dichlorodifluoromethane	75-71-8	ug/L	11/15/2022	0.250	3.00		<0.250
MW-12	d	Ethyl Methacrylate	97-63-2	ug/L	11/15/2022	0.680	2.00		<0.680
MW-12	d	Ethylbenzene	100-41-4	ug/L	11/15/2022	0.310	1.00		<0.310
MW-12	d	Iodomethane	74-88-4	ug/L	11/15/2022	7.00	10.0		<7.00
MW-12	d	Methacrylonitrile	126-98-7	ug/L	11/15/2022	3.30	10.0		<3.30
MW-12	d	Methyl Methacrylate	80-62-6	ug/L	11/15/2022	0.760	2.00		<0.760
MW-12	d	Methylene Chloride	75-09-2	ug/L	11/15/2022	1.70	5.00		<1.70
MW-12	d	Naphthalene	91-20-3	ug/L	11/15/2022	3.00	5.00		<3.00
MW-12	d	Propionitrile	107-12-0	ug/L	11/15/2022	3.40	10.0		<3.40
MW-12	d	Styrene	100-42-5	ug/L	11/15/2022	0.370	1.00		<0.370
MW-12	d	Tetrachloroethene	127-18-4	ug/L	11/15/2022	0.480	1.00		<0.480
MW-12	d	Toluene	108-88-3	ug/L	11/15/2022	0.430	1.00		<0.430
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/15/2022	0.560	5.00		<0.560
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/15/2022	1.10	10.0		<1.10
MW-12	d	Trichloroethene	79-01-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	11/15/2022	0.380	4.00		<0.380
MW-12	d	Vinyl Acetate	108-05-4	ug/L	11/15/2022	2.50	10.0		<2.50
MW-12	d	Vinyl Chloride	75-01-4	ug/L	11/15/2022	0.180	1.00		<0.180
MW-12	d	Xylenes, total	1330-20-7	ug/L	11/15/2022	0.400	3.00		<0.400
MW-12	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	11/15/2022	0.540	10.0		<0.540
MW-12	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	11/15/2022	2.30	10.0		<2.30

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	1,3-Dinitrobenzene	99-65-0	ug/L	11/15/2022	3.20	10.0		<3.20
MW-12	d	1,4-Naphthoquinone	130-15-4	ug/L	11/15/2022	3.60	10.0		<3.60
MW-12	d	1,4-Phenylenediamine	106-50-3	ug/L	11/15/2022	1.90	10.0	*- *1	<1.90
MW-12	d	1-Naphthylamine	134-32-7	ug/L	11/15/2022	2.50	10.0		<2.50
MW-12	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	11/15/2022	5.30	10.0		<5.30
MW-12	d	2,4,5-Trichlorophenol	95-95-4	ug/L	11/15/2022	5.30	10.0		<5.30
MW-12	d	2,4,6-Trichlorophenol	88-06-2	ug/L	11/15/2022	5.00	10.0		<5.00
MW-12	d	2,4-Dichlorophenol	120-83-2	ug/L	11/15/2022	0.850	10.0		<0.850
MW-12	d	2,4-Dimethylphenol	105-67-9	ug/L	11/15/2022	0.580	10.0		<0.580
MW-12	d	2,4-Dinitrophenol	51-28-5	ug/L	11/15/2022	13.0	20.0		<13.0
MW-12	d	2,4-Dinitrotoluene	121-14-2	ug/L	11/15/2022	6.40	10.0		<6.40
MW-12	d	2,6-Dichlorophenol	87-65-0	ug/L	11/15/2022	0.690	10.0		<0.690
MW-12	d	2,6-Dinitrotoluene	606-20-2	ug/L	11/15/2022	0.520	10.0		<0.520
MW-12	d	2-Acetylaminofluorene	53-96-3	ug/L	11/15/2022	2.70	10.0	*+	<2.70
MW-12	d	2-Chloronaphthalene	91-58-7	ug/L	11/15/2022	0.640	10.0		<0.640
MW-12	d	2-Chlorophenol	95-57-8	ug/L	11/15/2022	0.540	10.0		<0.540
MW-12	d	2-Methylnaphthalene	91-57-6	ug/L	11/15/2022	0.590	10.0		<0.590
MW-12	d	2-Methylphenol	95-48-7	ug/L	11/15/2022	0.650	10.0		<0.650
MW-12	d	2-Naphthylamine	91-59-8	ug/L	11/15/2022	2.10	10.0		<2.10
MW-12	d	2-Nitroaniline	88-74-4	ug/L	11/15/2022	5.90	10.0		<5.90
MW-12	d	2-Nitrophenol	88-75-5	ug/L	11/15/2022	6.80	10.0		<6.80
MW-12	d	3,3-Dichlorobenzidine	91-94-1	ug/L	11/15/2022	1.40	10.0		<1.40
MW-12	d	3,3-Dimethylbenzidine	119-93-7	ug/L	11/15/2022	1.50	10.0		<1.50
MW-12	d	3-Methylcholanthrene	56-49-5	ug/L	11/15/2022	0.320	10.0	*+	<0.320
MW-12	d	3-Nitroaniline	99-09-2	ug/L	11/15/2022	2.70	10.0		<2.70
MW-12	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	11/15/2022	6.90	10.0		<6.90
MW-12	d	4-Aminobiphenyl	92-67-1	ug/L	11/15/2022	2.20	10.0		<2.20
MW-12	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	11/15/2022	0.700	10.0		<0.700
MW-12	d	4-Chloro-3-methylphenol	59-50-7	ug/L	11/15/2022	0.840	10.0		<0.840
MW-12	d	4-Chloroaniline	106-47-8	ug/L	11/15/2022	0.620	10.0		<0.620
MW-12	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	11/15/2022	0.690	10.0		<0.690
MW-12	d	3/4-Methylphenol	T-34MP	ug/L	11/15/2022	0.700	10.0		<0.700
MW-12	d	4-Nitroaniline	100-01-6	ug/L	11/15/2022	1.30	10.0		<1.30
MW-12	d	4-Nitrophenol	100-02-7	ug/L	11/15/2022	7.60	10.0		<7.60
MW-12	d	5-Nitro-o-toluidine	99-55-8	ug/L	11/15/2022	2.80	10.0		<2.80
MW-12	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	11/15/2022	1.90	10.0		<1.90
MW-12	d	Acenaphthene	83-32-9	ug/L	11/15/2022	0.640	10.0		<0.640
MW-12	d	Acenaphthylene	208-96-8	ug/L	11/15/2022	0.720	10.0		<0.720
MW-12	d	Acetophenone	98-86-2	ug/L	11/15/2022	0.690	10.0		<0.690
MW-12	d	Anthracene	120-12-7	ug/L	11/15/2022	0.870	10.0		<0.870
MW-12	d	Benzo [a] anthracene	56-55-3	ug/L	11/15/2022	0.850	10.0		<0.850
MW-12	d	Benzo [a] pyrene	50-32-8	ug/L	11/15/2022	8.10	10.0		<8.10
MW-12	d	Benzo [b] fluoranthene	205-99-2	ug/L	11/15/2022	4.90	10.0		<4.90
MW-12	d	Benzo [g,h,i] perylene	191-24-2	ug/L	11/15/2022	6.30	10.0		<6.30
MW-12	d	Benzo [k] fluoranthene	207-08-9	ug/L	11/15/2022	2.20	10.0		<2.20
MW-12	d	Benzyl alcohol	100-51-6	ug/L	11/15/2022	1.30	10.0		<1.30
MW-12	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	11/15/2022	0.760	10.0		<0.760
MW-12	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	11/15/2022	0.820	10.0		<0.820
MW-12	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	11/15/2022	0.540	10.0		<0.540
MW-12	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	11/15/2022	5.50	10.0		<5.50
MW-12	d	Butyl benzyl phthalate	85-68-7	ug/L	11/15/2022	5.40	10.0		<5.40
MW-12	d	Chlorobenzilate	510-15-6	ug/L	11/15/2022	3.60	10.0		<3.60
MW-12	d	Chrysene	218-01-9	ug/L	11/15/2022	0.870	10.0		<0.870
MW-12	d	Diallate [cis or trans]	2303-16-4	ug/L	11/15/2022	4.00	10.0		<4.00
MW-12	d	Dibenz [a,h] anthracene	53-70-3	ug/L	11/15/2022	3.90	10.0		<3.90
MW-12	d	Dibenzofuran	132-64-9	ug/L	11/15/2022	0.740	10.0		<0.740
MW-12	d	Diethyl phthalate	84-66-2	ug/L	11/15/2022	1.70	10.0		<1.70
MW-12	d	Dimethoate	60-51-5	ug/L	11/15/2022	3.60	10.0	*+	<3.60
MW-12	d	Dimethyl phthalate	131-11-3	ug/L	11/15/2022	1.00	10.0		<1.00
MW-12	d	Di-n-butyl phthalate	84-74-2	ug/L	11/15/2022	5.60	10.0		<5.60
MW-12	d	Di-n-octyl phthalate	117-84-0	ug/L	11/15/2022	7.00	20.0		<7.00
MW-12	d	Dinoseb	88-85-7	ug/L	11/15/2022	2.40	10.0		<2.40
MW-12	d	Diphenylamine	122-39-4	ug/L	11/15/2022	6.00	10.0		<6.00
MW-12	d	Disulfoton	298-04-4	ug/L	11/15/2022	2.40	10.0		<2.40
MW-12	d	Ethyl Methanesulfonate	62-50-0	ug/L	11/15/2022	3.60	10.0		<3.60
MW-12	d	Parathion-Ethyl	56-38-2	ug/L	11/15/2022	2.20	10.0	*+	<2.20
MW-12	d	Famphur	52-85-7	ug/L	11/15/2022	3.80	10.0		<3.80
MW-12	d	Fluoranthene	206-44-0	ug/L	11/15/2022	1.70	10.0		<1.70
MW-12	d	Fluorene	86-73-7	ug/L	11/15/2022	0.790	10.0		<0.790
MW-12	d	Hexachlorobenzene	118-74-1	ug/L	11/15/2022	0.700	10.0		<0.700
MW-12	d	Hexachlorobutadiene	87-68-3	ug/L	11/15/2022	0.860	10.0		<0.860
MW-12	d	Hexachlorocyclopentadiene	77-47-4	ug/L	11/15/2022	5.10	10.0		<5.10
MW-12	d	Hexachloroethane	67-72-1	ug/L	11/15/2022	0.970	10.0		<0.970
MW-12	d	Hexachloropropene	1888-71-7	ug/L	11/15/2022	2.60	10.0	*1	<2.60
MW-12	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	11/15/2022	4.20	10.0		<4.20
MW-12	d	Isodrin	465-73-6	ug/L	11/15/2022	4.70	10.0		<4.70
MW-12	d	Isophorone	78-59-1	ug/L	11/15/2022	0.930	10.0		<0.930
MW-12	d	Isosafrole	120-58-1	ug/L	11/15/2022	2.30	10.0		<2.30
MW-12	d	Kepone	143-50-0	ug/L	11/15/2022	1.00	10.0	*1	<1.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Methapyrilene	91-80-5	ug/L	11/15/2022	0.760	10.0		<0.760
MW-12	d	Methyl Methanesulfonate	66-27-3	ug/L	11/15/2022	3.30	10.0		<3.30
MW-12	d	Parathion-Methyl	298-00-0	ug/L	11/15/2022	2.30	10.0	*,	<2.30
MW-12	d	Nitrobenzene	98-95-3	ug/L	11/15/2022	0.800	10.0		<0.800
MW-12	d	N-Nitrosodiethylamine	55-18-5	ug/L	11/15/2022	3.40	10.0		<3.40
MW-12	d	N-Nitrosodimethylamine	62-75-9	ug/L	11/15/2022	0.720	10.0		<0.720
MW-12	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	11/15/2022	3.90	10.0		<3.90
MW-12	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	11/15/2022	0.920	10.0		<0.920
MW-12	d	N-Nitrosodiphenylamine	86-30-6	ug/L	11/15/2022	0.750	10.0		<0.750
MW-12	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	11/15/2022	4.90	10.0		<4.90
MW-12	d	N-Nitrosopiperidine	100-75-4	ug/L	11/15/2022	2.70	10.0		<2.70
MW-12	d	N-Nitrosopyrrolidine	930-55-2	ug/L	11/15/2022	3.60	10.0		<3.60
MW-12	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	11/15/2022	3.20	10.0		<3.20
MW-12	d	O-Toluidine	95-53-4	ug/L	11/15/2022	2.90	10.0		<2.90
MW-12	d	Dimethylaminoazobenzene	60-11-7	ug/L	11/15/2022	2.20	10.0		<2.20
MW-12	d	Pentachlorobenzene	608-93-5	ug/L	11/15/2022	2.80	10.0		<2.80
MW-12	d	Pentachloronitrobenzene	82-68-8	ug/L	11/15/2022	5.80	10.0		<5.80
MW-12	d	Pentachlorophenol [2C]	87-86-5	ug/L	11/15/2022	9.60	10.0		<9.60
MW-12	d	Phenacetin	62-44-2	ug/L	11/15/2022	1.90	10.0		<1.90
MW-12	d	Phenanthrene	85-01-8	ug/L	11/15/2022	0.790	10.0		<0.790
MW-12	d	Phenol	108-95-2	ug/L	11/15/2022	1.10	10.0		<1.10
MW-12	d	Phorate	298-02-2	ug/L	11/15/2022	3.20	10.0		<3.20
MW-12	d	Pronamide	23950-58-5	ug/L	11/15/2022	2.70	10.0		<2.70
MW-12	d	Pyrene	129-00-0	ug/L	11/15/2022	0.790	10.0		<0.790
MW-12	d	Safrrole	94-59-7	ug/L	11/15/2022	2.80	10.0		<2.80
MW-12	d	Thionazin	297-97-2	ug/L	11/15/2022	3.50	10.0		<3.50
MW-12	d	Cyanide	57-12-5	mg/L	11/15/2022	0.00430	0.0100		<0.00430
MW-12	d	Sulfide	18496-25-8	mg/L	11/15/2022	0.231	1.00		<0.231
MW-12	d	Total Suspended Solids	TSS	mg/L	11/15/2022	0.638	1.88	J	1.00
MW-28	u	Antimony	7440-36-0	mg/L	11/15/2022	0.000690	0.00200		<0.000690
MW-28	u	Arsenic	7440-38-2	mg/L	11/15/2022	0.000750	0.00200		<0.000750
MW-28	u	Barium	7440-39-3	mg/L	11/15/2022	0.000880	0.00200		0.0646
MW-28	u	Beryllium	7440-41-7	mg/L	11/15/2022	0.000270	0.00100		<0.000270
MW-28	u	Cadmium	7440-43-9	mg/L	11/15/2022	0.0000550	0.000100		0.000138
MW-28	u	Chromium	7440-47-3	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-28	u	Cobalt	7440-48-4	mg/L	11/15/2022	0.000190	0.000500		<0.000190
MW-28	u	Copper	7440-50-8	mg/L	11/15/2022	0.00180	0.00500		<0.00180
MW-28	u	Lead	7439-92-1	mg/L	11/15/2022	0.000240	0.000500		<0.000240
MW-28	u	Nickel	7440-02-0	mg/L	11/15/2022	0.00190	0.00500		0.00923
MW-28	u	Selenium	7782-49-2	mg/L	11/15/2022	0.000960	0.00500	J	0.00105
MW-28	u	Silver	7440-22-4	mg/L	11/15/2022	0.000490	0.00100		<0.000490
MW-28	u	Thallium	7440-28-0	mg/L	11/15/2022	0.000260	0.00100		<0.000260
MW-28	u	Vanadium	7440-62-2	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-28	u	Zinc	7440-66-6	mg/L	11/15/2022	0.0100	0.0200		<0.0100
MW-28	u	Acetone	67-64-1	ug/L	11/15/2022	3.10	10.0		<3.10
MW-28	u	Acrylonitrile	107-13-1	ug/L	11/15/2022	2.20	10.0		<2.20
MW-28	u	Benzene	71-43-2	ug/L	11/15/2022	0.220	0.500		<0.220
MW-28	u	Bromochloromethane	74-97-5	ug/L	11/15/2022	0.540	5.00		<0.540
MW-28	u	Bromodichloromethane	75-27-4	ug/L	11/15/2022	0.390	1.00		<0.390
MW-28	u	Bromoform	75-25-2	ug/L	11/15/2022	0.780	5.00		<0.780
MW-28	u	Bromomethane	74-83-9	ug/L	11/15/2022	1.10	4.00	J	1.19
MW-28	u	2-Butanone	78-93-3	ug/L	11/15/2022	2.10	10.0		<2.10
MW-28	u	Carbon Disulfide	75-15-0	ug/L	11/15/2022	0.450	1.00		<0.450
MW-28	u	Carbon Tetrachloride	56-23-5	ug/L	11/15/2022	0.650	2.00		<0.650
MW-28	u	Chlorobenzene	108-90-7	ug/L	11/15/2022	0.400	1.00		<0.400
MW-28	u	Chlorodibromomethane	124-48-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-28	u	Chloroethane	75-00-3	ug/L	11/15/2022	0.790	4.00		<0.790
MW-28	u	Chloroform	67-66-3	ug/L	11/15/2022	1.30	3.00		<1.30
MW-28	u	Chloromethane	74-87-3	ug/L	11/15/2022	0.610	3.00	J B	0.908
MW-28	u	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/2022	0.210	1.00		<0.210
MW-28	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/15/2022	0.250	5.00		<0.250
MW-28	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/15/2022	1.20	1.20		<1.20
MW-28	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/15/2022	0.340	0.340		<0.340
MW-28	u	Methylene Bromide	74-95-3	ug/L	11/15/2022	0.330	1.00		<0.330
MW-28	u	1,2-Dichlorobenzene	95-50-1	ug/L	11/15/2022	0.370	1.00		<0.370
MW-28	u	1,4-Dichlorobenzene	106-46-7	ug/L	11/15/2022	0.230	1.00		<0.230
MW-28	u	1,1-Dichloroethane	75-34-3	ug/L	11/15/2022	0.220	1.00		<0.220
MW-28	u	1,2-Dichloroethane	107-06-2	ug/L	11/15/2022	0.390	1.00		<0.390
MW-28	u	1,1-Dichloroethene	75-35-4	ug/L	11/15/2022	0.560	2.00		<0.560
MW-28	u	1,2-Dichloropropane	78-87-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-28	u	Ethylbenzene	100-41-4	ug/L	11/15/2022	0.310	1.00		<0.310
MW-28	u	2-Hexanone	591-78-6	ug/L	11/15/2022	2.00	10.0		<2.00
MW-28	u	Iodomethane	74-88-4	ug/L	11/15/2022	7.00	10.0		<7.00
MW-28	u	Methylene Chloride	75-09-2	ug/L	11/15/2022	1.70	5.00		<1.70
MW-28	u	4-Methyl-2-Pentanone	108-10-1	ug/L	11/15/2022	2.10	10.0		<2.10
MW-28	u	Styrene	100-42-5	ug/L	11/15/2022	0.370	1.00		<0.370
MW-28	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/15/2022	0.380	1.00		<0.380
MW-28	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/15/2022	0.470	1.00		<0.470
MW-28	u	Tetrachloroethene	127-18-4	ug/L	11/15/2022	0.480	1.00		<0.480

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	Toluene	108-88-3	ug/L	11/15/2022	0.430	1.00		<0.430
MW-28	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/15/2022	1.10	10.0		<1.10
MW-28	u	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-28	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/15/2022	0.560	5.00		<0.560
MW-28	u	1,1,1-Trichloroethane	71-55-6	ug/L	11/15/2022	0.190	1.00		<0.190
MW-28	u	1,1,2-Trichloroethane	79-00-5	ug/L	11/15/2022	0.450	1.00		<0.450
MW-28	u	Trichloroethene	79-01-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-28	u	Trichlorofluoromethane	75-69-4	ug/L	11/15/2022	0.380	4.00		<0.380
MW-28	u	1,2,3-Trichloropropane	96-18-4	ug/L	11/15/2022	0.590	1.00		<0.590
MW-28	u	Vinyl Acetate	108-05-4	ug/L	11/15/2022	2.50	10.0		<2.50
MW-28	u	Vinyl Chloride	75-01-4	ug/L	11/15/2022	0.180	1.00		<0.180
MW-28	u	Xylenes, total	1330-20-7	ug/L	11/15/2022	0.400	3.00		<0.400
MW-28	u	Total Suspended Solids	TSS	mg/L	11/15/2022	0.638	1.88		6.25
MW-1	d	Antimony	7440-36-0	mg/L	11/15/2022	0.000690	0.00200		<0.000690
MW-1	d	Arsenic	7440-38-2	mg/L	11/15/2022	0.000750	0.00200		0.00402
MW-1	d	Barium	7440-39-3	mg/L	11/15/2022	0.000880	0.00200		0.119
MW-1	d	Beryllium	7440-41-7	mg/L	11/15/2022	0.000270	0.00100		<0.000270
MW-1	d	Cadmium	7440-43-9	mg/L	11/15/2022	0.0000550	0.000100		<0.0000550
MW-1	d	Chromium	7440-47-3	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-1	d	Cobalt	7440-48-4	mg/L	11/15/2022	0.000190	0.000500	J	0.000333
MW-1	d	Copper	7440-50-8	mg/L	11/15/2022	0.00180	0.00500		<0.00180
MW-1	d	Lead	7439-92-1	mg/L	11/15/2022	0.000240	0.000500		<0.000240
MW-1	d	Nickel	7440-02-0	mg/L	11/15/2022	0.00190	0.00500	J	0.00191
MW-1	d	Selenium	7782-49-2	mg/L	11/15/2022	0.000960	0.00500	J	0.00138
MW-1	d	Silver	7440-22-4	mg/L	11/15/2022	0.000490	0.00100		0.00126
MW-1	d	Thallium	7440-28-0	mg/L	11/15/2022	0.000260	0.00100	J	0.000514
MW-1	d	Vanadium	7440-62-2	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-1	d	Zinc	7440-66-6	mg/L	11/15/2022	0.0100	0.0200		<0.0100
MW-1	d	Tin	7440-31-5	mg/L	11/15/2022	0.00300	0.00500		<0.00300
MW-1	d	Mercury	7439-97-6	mg/L	11/15/2022	0.000110	0.000200		<0.000110
MW-1	d	Acetonitrile	75-05-8	mg/L	11/15/2022	0.404	10.0		<0.404
MW-1	d	Isobutanol	78-83-1	mg/L	11/15/2022	0.553	10.0		<0.553
MW-1	d	4,4'-DDD	72-54-8	ug/L	11/15/2022	0.0314	0.0744		<0.0314
MW-1	d	4,4'-DDE	72-55-9	ug/L	11/15/2022	0.0314	0.0744		<0.0314
MW-1	d	4,4'-DDT	50-29-3	ug/L	11/15/2022	0.0488	0.0744		<0.0488
MW-1	d	Aldrin	309-00-2	ug/L	11/15/2022	0.0372	0.0744		<0.0372
MW-1	d	Alpha-BHC	319-84-6	ug/L	11/15/2022	0.0337	0.0744		<0.0337
MW-1	d	Beta-BHC	319-85-7	ug/L	11/15/2022	0.0430	0.0744		<0.0430
MW-1	d	Chlordane	57-74-9	ug/L	11/15/2022	0.942	2.33		<0.942
MW-1	d	Delta-BHC	319-86-8	ug/L	11/15/2022	0.0314	0.0744		<0.0314
MW-1	d	Dieldrin	60-57-1	ug/L	11/15/2022	0.0302	0.0744		<0.0302
MW-1	d	Endosulfan I	959-98-8	ug/L	11/15/2022	0.0384	0.0744		<0.0384
MW-1	d	Endosulfan II	33213-65-9	ug/L	11/15/2022	0.0337	0.0744		<0.0337
MW-1	d	Endosulfan sulfate	1031-07-8	ug/L	11/15/2022	0.0349	0.0744		<0.0349
MW-1	d	Endrin	72-20-8	ug/L	11/15/2022	0.0302	0.0744		<0.0302
MW-1	d	Endrin aldehyde	7421-93-4	ug/L	11/15/2022	0.0337	0.0744		<0.0337
MW-1	d	Gamma-BHC [Lindane]	58-89-9	ug/L	11/15/2022	0.0419	0.0744		<0.0419
MW-1	d	Heptachlor	76-44-8	ug/L	11/15/2022	0.0384	0.0744		<0.0384
MW-1	d	Heptachlor Epoxide	1024-57-3	ug/L	11/15/2022	0.0337	0.0744		<0.0337
MW-1	d	Methoxychlor	72-43-5	ug/L	11/15/2022	0.0477	0.0744		<0.0477
MW-1	d	Toxaphene	8001-35-2	ug/L	11/15/2022	0.802	2.33		<0.802
MW-1	d	PCB-1016	12674-11-2	ug/L	11/15/2022	0.198	0.930		<0.198
MW-1	d	PCB-1221	11104-28-2	ug/L	11/15/2022	0.198	0.930		<0.198
MW-1	d	PCB-1232	11141-16-5	ug/L	11/15/2022	0.198	0.930		<0.198
MW-1	d	PCB-1242	53469-21-9	ug/L	11/15/2022	0.198	0.930		<0.198
MW-1	d	PCB-1248	12672-29-6	ug/L	11/15/2022	0.128	0.930		<0.128
MW-1	d	PCB-1254	11097-69-1	ug/L	11/15/2022	0.128	0.930		<0.128
MW-1	d	PCB-1260	11096-82-5	ug/L	11/15/2022	0.128	0.930		<0.128
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/15/2022	0.380	1.00		<0.380
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/15/2022	0.190	1.00		<0.190
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/15/2022	0.470	1.00		<0.470
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/15/2022	0.450	1.00		<0.450
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	11/15/2022	0.220	1.00		<0.220
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	11/15/2022	0.560	2.00		<0.560
MW-1	d	1,1-Dichloropropene	563-58-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/15/2022	0.590	1.00		<0.590
MW-1	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/15/2022	1.20	1.20		<1.20
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/15/2022	0.340	0.340		<0.340
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/15/2022	0.370	1.00		<0.370
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	11/15/2022	0.390	1.00		<0.390
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-1	d	1,3-Dichlorobenzene	541-73-1	ug/L	11/15/2022	0.300	1.00		<0.300
MW-1	d	1,3-Dichloropropane	142-28-9	ug/L	11/15/2022	0.400	1.00		<0.400
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/15/2022	0.230	1.00		<0.230
MW-1	d	2,2-Dichloropropane	594-20-7	ug/L	11/15/2022	0.690	4.00		<0.690
MW-1	d	2-Butanone	78-93-3	ug/L	11/15/2022	2.10	10.0		<2.10
MW-1	d	2-Hexanone	591-78-6	ug/L	11/15/2022	2.00	10.0		<2.00
MW-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/15/2022	2.10	10.0		<2.10

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Acetone	67-64-1	ug/L	11/15/2022	3.10	10.0	J	4.10
MW-1	d	Acrolein	107-02-8	ug/L	11/15/2022	3.60	10.0		<3.60
MW-1	d	Acrylonitrile	107-13-1	ug/L	11/15/2022	2.20	10.0		<2.20
MW-1	d	3-Chloropropene	107-05-1	ug/L	11/15/2022	0.700	2.00		<0.700
MW-1	d	Benzene	71-43-2	ug/L	11/15/2022	0.220	0.500		<0.220
MW-1	d	Bromochloromethane	74-97-5	ug/L	11/15/2022	0.540	5.00		<0.540
MW-1	d	Bromodichloromethane	75-27-4	ug/L	11/15/2022	0.390	1.00		<0.390
MW-1	d	Bromoform	75-25-2	ug/L	11/15/2022	0.780	5.00		<0.780
MW-1	d	Bromomethane	74-83-9	ug/L	11/15/2022	1.10	4.00	J	1.47
MW-1	d	Carbon Disulfide	75-15-0	ug/L	11/15/2022	0.450	1.00		<0.450
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	11/15/2022	0.650	2.00		<0.650
MW-1	d	Chlorobenzene	108-90-7	ug/L	11/15/2022	0.400	1.00		<0.400
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-1	d	Chloroethane	75-00-3	ug/L	11/15/2022	0.790	4.00		<0.790
MW-1	d	Chloroform	67-66-3	ug/L	11/15/2022	1.30	3.00		<1.30
MW-1	d	Chloromethane	74-87-3	ug/L	11/15/2022	0.610	3.00	J B	1.11
MW-1	d	Chloroprene	126-99-8	ug/L	11/15/2022	0.230	1.00		<0.230
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/2022	0.210	1.00		<0.210
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/15/2022	0.250	5.00		<0.250
MW-1	d	Methylene Bromide	74-95-3	ug/L	11/15/2022	0.330	1.00		<0.330
MW-1	d	Dichlorodifluoromethane	75-71-8	ug/L	11/15/2022	0.250	3.00		<0.250
MW-1	d	Ethyl Methacrylate	97-63-2	ug/L	11/15/2022	0.680	2.00		<0.680
MW-1	d	Ethylbenzene	100-41-4	ug/L	11/15/2022	0.310	1.00		<0.310
MW-1	d	Iodomethane	74-88-4	ug/L	11/15/2022	7.00	10.0		<7.00
MW-1	d	Methacrylonitrile	126-98-7	ug/L	11/15/2022	3.30	10.0		<3.30
MW-1	d	Methyl Methacrylate	80-62-6	ug/L	11/15/2022	0.760	2.00		<0.760
MW-1	d	Methylene Chloride	75-09-2	ug/L	11/15/2022	1.70	5.00		<1.70
MW-1	d	Naphthalene	91-20-3	ug/L	11/15/2022	3.00	5.00		<3.00
MW-1	d	Propionitrile	107-12-0	ug/L	11/15/2022	3.40	10.0		<3.40
MW-1	d	Styrene	100-42-5	ug/L	11/15/2022	0.370	1.00		<0.370
MW-1	d	Tetrachloroethene	127-18-4	ug/L	11/15/2022	0.480	1.00		<0.480
MW-1	d	Toluene	108-88-3	ug/L	11/15/2022	0.430	1.00		<0.430
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/15/2022	0.560	5.00		<0.560
MW-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/15/2022	1.10	10.0		<1.10
MW-1	d	Trichloroethene	79-01-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	11/15/2022	0.380	4.00		<0.380
MW-1	d	Vinyl Acetate	108-05-4	ug/L	11/15/2022	2.50	10.0		<2.50
MW-1	d	Vinyl Chloride	75-01-4	ug/L	11/15/2022	0.180	1.00		<0.180
MW-1	d	Xylenes, total	1330-20-7	ug/L	11/15/2022	0.400	3.00		<0.400
MW-1	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	11/15/2022	0.600	11.1		<0.600
MW-1	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	11/15/2022	2.56	11.1		<2.56
MW-1	d	1,3-Dinitrobenzene	99-65-0	ug/L	11/15/2022	3.56	11.1		<3.56
MW-1	d	1,4-Naphthoquinone	130-15-4	ug/L	11/15/2022	4.00	11.1		<4.00
MW-1	d	1,4-Phenylenediamine	106-50-3	ug/L	11/15/2022	2.11	11.1	*- *1	<2.11
MW-1	d	1-Naphthylamine	134-32-7	ug/L	11/15/2022	2.78	11.1		<2.78
MW-1	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	11/15/2022	5.89	11.1		<5.89
MW-1	d	2,4,5-Trichlorophenol	95-95-4	ug/L	11/15/2022	5.89	11.1		<5.89
MW-1	d	2,4,6-Trichlorophenol	88-06-2	ug/L	11/15/2022	5.56	11.1		<5.56
MW-1	d	2,4-Dichlorophenol	120-83-2	ug/L	11/15/2022	0.944	11.1		<0.944
MW-1	d	2,4-Dimethylphenol	105-67-9	ug/L	11/15/2022	0.644	11.1		<0.644
MW-1	d	2,4-Dinitrophenol	51-28-5	ug/L	11/15/2022	14.4	22.2		<14.4
MW-1	d	2,4-Dinitrotoluene	121-14-2	ug/L	11/15/2022	7.11	11.1		<7.11
MW-1	d	2,6-Dichlorophenol	87-65-0	ug/L	11/15/2022	0.767	11.1		<0.767
MW-1	d	2,6-Dinitrotoluene	606-20-2	ug/L	11/15/2022	0.578	11.1		<0.578
MW-1	d	2-Acetylaminofluorene	53-96-3	ug/L	11/15/2022	3.00	11.1	*+	<3.00
MW-1	d	2-Chloronaphthalene	91-58-7	ug/L	11/15/2022	0.711	11.1		<0.711
MW-1	d	2-Chlorophenol	95-57-8	ug/L	11/15/2022	0.600	11.1		<0.600
MW-1	d	2-Methylnaphthalene	91-57-6	ug/L	11/15/2022	0.656	11.1		<0.656
MW-1	d	2-Methylphenol	95-48-7	ug/L	11/15/2022	0.722	11.1		<0.722
MW-1	d	2-Naphthylamine	91-59-8	ug/L	11/15/2022	2.33	11.1		<2.33
MW-1	d	2-Nitroaniline	88-74-4	ug/L	11/15/2022	6.56	11.1		<6.56
MW-1	d	2-Nitrophenol	88-75-5	ug/L	11/15/2022	7.56	11.1		<7.56
MW-1	d	3,3-Dichlorobenzidine	91-94-1	ug/L	11/15/2022	1.56	11.1		<1.56
MW-1	d	3,3-Dimethylbenzidine	119-93-7	ug/L	11/15/2022	1.67	11.1		<1.67
MW-1	d	3-Methylcholanthrene	56-49-5	ug/L	11/15/2022	0.356	11.1	*+	<0.356
MW-1	d	3-Nitroaniline	99-09-2	ug/L	11/15/2022	3.00	11.1		<3.00
MW-1	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	11/15/2022	7.67	11.1		<7.67
MW-1	d	4-Aminobiphenyl	92-67-1	ug/L	11/15/2022	2.44	11.1		<2.44
MW-1	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	11/15/2022	0.778	11.1		<0.778
MW-1	d	4-Chloro-3-methylphenol	59-50-7	ug/L	11/15/2022	0.933	11.1		<0.933
MW-1	d	4-Chloroaniline	106-47-8	ug/L	11/15/2022	0.689	11.1		<0.689
MW-1	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	11/15/2022	0.767	11.1		<0.767
MW-1	d	3/4-Methylphenol	T-34MP	ug/L	11/15/2022	0.778	11.1		<0.778
MW-1	d	4-Nitroaniline	100-01-6	ug/L	11/15/2022	1.44	11.1		<1.44
MW-1	d	4-Nitrophenol	100-02-7	ug/L	11/15/2022	8.44	11.1		<8.44
MW-1	d	5-Nitro-o-toluidine	99-55-8	ug/L	11/15/2022	3.11	11.1		<3.11
MW-1	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	11/15/2022	2.11	11.1		<2.11
MW-1	d	Acenaphthene	83-32-9	ug/L	11/15/2022	0.711	11.1		<0.711

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Acenaphthylene	208-96-8	ug/L	11/15/2022	0.800	11.1		<0.800
MW-1	d	Acetophenone	98-86-2	ug/L	11/15/2022	0.767	11.1		<0.767
MW-1	d	Anthracene	120-12-7	ug/L	11/15/2022	0.967	11.1		<0.967
MW-1	d	Benzo [a] anthracene	56-55-3	ug/L	11/15/2022	0.944	11.1		<0.944
MW-1	d	Benzo [a] pyrene	50-32-8	ug/L	11/15/2022	9.00	11.1		<9.00
MW-1	d	Benzo [b] fluoranthene	205-99-2	ug/L	11/15/2022	5.44	11.1		<5.44
MW-1	d	Benzo [g,h,i] perylene	191-24-2	ug/L	11/15/2022	7.00	11.1		<7.00
MW-1	d	Benzo [k] fluoranthene	207-08-9	ug/L	11/15/2022	2.44	11.1		<2.44
MW-1	d	Benzyl alcohol	100-51-6	ug/L	11/15/2022	1.44	11.1		<1.44
MW-1	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	11/15/2022	0.844	11.1		<0.844
MW-1	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	11/15/2022	0.911	11.1		<0.911
MW-1	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	11/15/2022	0.600	11.1		<0.600
MW-1	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	11/15/2022	6.11	11.1		<6.11
MW-1	d	Butyl benzyl phthalate	85-68-7	ug/L	11/15/2022	6.00	11.1		<6.00
MW-1	d	Chlorobenzilate	510-15-6	ug/L	11/15/2022	4.00	11.1		<4.00
MW-1	d	Chrysene	218-01-9	ug/L	11/15/2022	0.967	11.1		<0.967
MW-1	d	Diallate [cis or trans]	2303-16-4	ug/L	11/15/2022	4.44	11.1		<4.44
MW-1	d	Dibenz [a,h] anthracene	53-70-3	ug/L	11/15/2022	4.33	11.1		<4.33
MW-1	d	Dibenzofuran	132-64-9	ug/L	11/15/2022	0.822	11.1		<0.822
MW-1	d	Diethyl phthalate	84-66-2	ug/L	11/15/2022	1.89	11.1		<1.89
MW-1	d	Dimethoate	60-51-5	ug/L	11/15/2022	4.00	11.1	*+	<4.00
MW-1	d	Dimethyl phthalate	131-11-3	ug/L	11/15/2022	1.11	11.1		<1.11
MW-1	d	Di-n-butyl phthalate	84-74-2	ug/L	11/15/2022	6.22	11.1		<6.22
MW-1	d	Di-n-octyl phthalate	117-84-0	ug/L	11/15/2022	7.78	22.2		<7.78
MW-1	d	Dinoseb	88-85-7	ug/L	11/15/2022	2.67	11.1		<2.67
MW-1	d	Diphenylamine	122-39-4	ug/L	11/15/2022	6.67	11.1		<6.67
MW-1	d	Disulfoton	298-04-4	ug/L	11/15/2022	2.67	11.1		<2.67
MW-1	d	Ethyl Methanesulfonate	62-50-0	ug/L	11/15/2022	4.00	11.1		<4.00
MW-1	d	Parathion-Ethyl	56-38-2	ug/L	11/15/2022	2.44	11.1	*+	<2.44
MW-1	d	Famphur	52-85-7	ug/L	11/15/2022	4.22	11.1		<4.22
MW-1	d	Fluoranthene	206-44-0	ug/L	11/15/2022	1.89	11.1		<1.89
MW-1	d	Fluorene	86-73-7	ug/L	11/15/2022	0.878	11.1		<0.878
MW-1	d	Hexachlorobenzene	118-74-1	ug/L	11/15/2022	0.778	11.1		<0.778
MW-1	d	Hexachlorobutadiene	87-68-3	ug/L	11/15/2022	0.956	11.1		<0.956
MW-1	d	Hexachlorocyclopentadiene	77-47-4	ug/L	11/15/2022	5.67	11.1		<5.67
MW-1	d	Hexachloroethane	67-72-1	ug/L	11/15/2022	1.08	11.1		<1.08
MW-1	d	Hexachloropropene	1888-71-7	ug/L	11/15/2022	2.89	11.1	*1	<2.89
MW-1	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	11/15/2022	4.67	11.1		<4.67
MW-1	d	Isodrin	465-73-6	ug/L	11/15/2022	5.22	11.1		<5.22
MW-1	d	Isophorone	78-59-1	ug/L	11/15/2022	1.03	11.1		<1.03
MW-1	d	Isosafrole	120-58-1	ug/L	11/15/2022	2.56	11.1		<2.56
MW-1	d	Kepone	143-50-0	ug/L	11/15/2022	1.11	11.1	*1	<1.11
MW-1	d	Methapyriline	91-80-5	ug/L	11/15/2022	0.844	11.1		<0.844
MW-1	d	Methyl Methanesulfonate	66-27-3	ug/L	11/15/2022	3.67	11.1		<3.67
MW-1	d	Parathion-Methyl	298-00-0	ug/L	11/15/2022	2.56	11.1	*+	<2.56
MW-1	d	Nitrobenzene	98-95-3	ug/L	11/15/2022	0.889	11.1		<0.889
MW-1	d	N-Nitrosodiethylamine	55-18-5	ug/L	11/15/2022	3.78	11.1		<3.78
MW-1	d	N-Nitrosodimethylamine	62-75-9	ug/L	11/15/2022	0.800	11.1		<0.800
MW-1	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	11/15/2022	4.33	11.1		<4.33
MW-1	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	11/15/2022	1.02	11.1		<1.02
MW-1	d	N-Nitrosodiphenylamine	86-30-6	ug/L	11/15/2022	0.833	11.1		<0.833
MW-1	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	11/15/2022	5.44	11.1		<5.44
MW-1	d	N-Nitrosopiperidine	100-75-4	ug/L	11/15/2022	3.00	11.1		<3.00
MW-1	d	N-Nitrosopyrrolidine	930-55-2	ug/L	11/15/2022	4.00	11.1		<4.00
MW-1	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	11/15/2022	3.56	11.1		<3.56
MW-1	d	O-Toluidine	95-53-4	ug/L	11/15/2022	3.22	11.1		<3.22
MW-1	d	Dimethylaminoazobenzene	60-11-7	ug/L	11/15/2022	2.44	11.1		<2.44
MW-1	d	Pentachlorobenzene	608-93-5	ug/L	11/15/2022	3.11	11.1		<3.11
MW-1	d	Pentachloronitrobenzene	82-68-8	ug/L	11/15/2022	6.44	11.1		<6.44
MW-1	d	Pentachlorophenol [2C]	87-86-5	ug/L	11/15/2022	10.7	11.1		<10.7
MW-1	d	Phenacetin	62-44-2	ug/L	11/15/2022	2.11	11.1		<2.11
MW-1	d	Phenanthrene	85-01-8	ug/L	11/15/2022	0.878	11.1		<0.878
MW-1	d	Phenol	108-95-2	ug/L	11/15/2022	1.22	11.1		<1.22
MW-1	d	Phorate	298-02-2	ug/L	11/15/2022	3.56	11.1		<3.56
MW-1	d	Pronamide	23950-58-5	ug/L	11/15/2022	3.00	11.1		<3.00
MW-1	d	Pyrene	129-00-0	ug/L	11/15/2022	0.878	11.1		<0.878
MW-1	d	Safrole	94-59-7	ug/L	11/15/2022	3.11	11.1		<3.11
MW-1	d	Thionazin	297-97-2	ug/L	11/15/2022	3.89	11.1		<3.89
MW-1	d	Cyanide	57-12-5	mg/L	11/15/2022	0.00430	0.0100		<0.00430
MW-1	d	Sulfide	18496-25-8	mg/L	11/15/2022	0.231	1.00		<0.231
MW-1	d	Total Suspended Solids	TSS	mg/L	11/15/2022	0.638	1.88		2.25
MW-2AR	d	Antimony	7440-36-0	mg/L	11/15/2022	0.000690	0.00200		<0.000690
MW-2AR	d	Arsenic	7440-38-2	mg/L	11/15/2022	0.000750	0.00200		0.0664
MW-2AR	d	Barium	7440-39-3	mg/L	11/15/2022	0.000880	0.00200		1.49
MW-2AR	d	Beryllium	7440-41-7	mg/L	11/15/2022	0.000270	0.00100		<0.000270
MW-2AR	d	Cadmium	7440-43-9	mg/L	11/15/2022	0.0000550	0.000100		<0.0000550
MW-2AR	d	Chromium	7440-47-3	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-2AR	d	Cobalt	7440-48-4	mg/L	11/15/2022	0.000190	0.000500		0.00264
MW-2AR	d	Copper	7440-50-8	mg/L	11/15/2022	0.00180	0.00500		<0.00180

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Lead	7439-92-1	mg/L	11/15/2022	0.000240	0.000500		<0.000240
MW-2AR	d	Nickel	7440-02-0	mg/L	11/15/2022	0.00190	0.00500		0.0276
MW-2AR	d	Selenium	7782-49-2	mg/L	11/15/2022	0.000960	0.00500	J	0.00202
MW-2AR	d	Silver	7440-22-4	mg/L	11/15/2022	0.000490	0.00100		0.00125
MW-2AR	d	Thallium	7440-28-0	mg/L	11/15/2022	0.000260	0.00100	J	0.000579
MW-2AR	d	Vanadium	7440-62-2	mg/L	11/15/2022	0.00110	0.00500	J	0.00204
MW-2AR	d	Zinc	7440-66-6	mg/L	11/15/2022	0.0100	0.0200		<0.0100
MW-2AR	d	Acetone	67-64-1	ug/L	11/15/2022	3.10	10.0		<3.10
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	11/15/2022	2.20	10.0		<2.20
MW-2AR	d	Benzene	71-43-2	ug/L	11/15/2022	0.220	0.500		0.818
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	11/15/2022	0.540	5.00		<0.540
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	11/15/2022	0.390	1.00		<0.390
MW-2AR	d	Bromoform	75-25-2	ug/L	11/15/2022	0.780	5.00		<0.780
MW-2AR	d	Bromomethane	74-83-9	ug/L	11/15/2022	1.10	4.00		<1.10
MW-2AR	d	2-Butanone	78-93-3	ug/L	11/15/2022	2.10	10.0		<2.10
MW-2AR	d	Carbon Disulfide	75-15-0	ug/L	11/15/2022	0.450	1.00		<0.450
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	11/15/2022	0.650	2.00		<0.650
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	11/15/2022	0.400	1.00		1.94
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-2AR	d	Chloroethane	75-00-3	ug/L	11/15/2022	0.790	4.00	J	3.83
MW-2AR	d	Chloroform	67-66-3	ug/L	11/15/2022	1.30	3.00		<1.30
MW-2AR	d	Chloromethane	74-87-3	ug/L	11/15/2022	0.610	3.00	J B	1.12
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/2022	0.210	1.00		<0.210
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/15/2022	0.250	5.00		<0.250
MW-2AR	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/15/2022	1.20	1.20		<1.20
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/15/2022	0.340	0.340		<0.340
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	11/15/2022	0.330	1.00		<0.330
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/15/2022	0.370	1.00		<0.370
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/15/2022	0.230	1.00		1.36
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	11/15/2022	0.220	1.00		<0.220
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	11/15/2022	0.390	1.00		<0.390
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	11/15/2022	0.560	2.00		<0.560
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	11/15/2022	0.310	1.00		<0.310
MW-2AR	d	2-Hexanone	591-78-6	ug/L	11/15/2022	2.00	10.0		<2.00
MW-2AR	d	Iodomethane	74-88-4	ug/L	11/15/2022	7.00	10.0		<7.00
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	11/15/2022	1.70	5.00		<1.70
MW-2AR	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/15/2022	2.10	10.0		<2.10
MW-2AR	d	Styrene	100-42-5	ug/L	11/15/2022	0.370	1.00		<0.370
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/15/2022	0.380	1.00		<0.380
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/15/2022	0.470	1.00		<0.470
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	11/15/2022	0.480	1.00		<0.480
MW-2AR	d	Toluene	108-88-3	ug/L	11/15/2022	0.430	1.00		<0.430
MW-2AR	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/15/2022	1.10	10.0		<1.10
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/15/2022	0.560	5.00		<0.560
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/15/2022	0.190	1.00		<0.190
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/15/2022	0.450	1.00		<0.450
MW-2AR	d	Trichloroethene	79-01-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	11/15/2022	0.380	4.00		<0.380
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/15/2022	0.590	1.00		<0.590
MW-2AR	d	Vinyl Acetate	108-05-4	ug/L	11/15/2022	2.50	10.0		<2.50
MW-2AR	d	Vinyl Chloride	75-01-4	ug/L	11/15/2022	0.180	1.00		<0.180
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	11/15/2022	0.400	3.00		<0.400
MW-2AR	d	Total Suspended Solids	TSS	mg/L	11/15/2022	5.10	15.0		117
MW-9B	d	Antimony	7440-36-0	mg/L	11/15/2022	0.000690	0.00200		<0.000690
MW-9B	d	Arsenic	7440-38-2	mg/L	11/15/2022	0.000750	0.00200		0.00294
MW-9B	d	Barium	7440-39-3	mg/L	11/15/2022	0.000880	0.00200		0.0241
MW-9B	d	Beryllium	7440-41-7	mg/L	11/15/2022	0.000270	0.00100		<0.000270
MW-9B	d	Cadmium	7440-43-9	mg/L	11/15/2022	0.0000550	0.000100		<0.0000550
MW-9B	d	Chromium	7440-47-3	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-9B	d	Cobalt	7440-48-4	mg/L	11/15/2022	0.000190	0.000500		0.00351
MW-9B	d	Copper	7440-50-8	mg/L	11/15/2022	0.00180	0.00500		<0.00180
MW-9B	d	Lead	7439-92-1	mg/L	11/15/2022	0.000240	0.000500		<0.000240
MW-9B	d	Nickel	7440-02-0	mg/L	11/15/2022	0.00190	0.00500	J	0.00480
MW-9B	d	Selenium	7782-49-2	mg/L	11/15/2022	0.000960	0.00500		<0.000960
MW-9B	d	Silver	7440-22-4	mg/L	11/15/2022	0.000490	0.00100		<0.000490
MW-9B	d	Thallium	7440-28-0	mg/L	11/15/2022	0.000260	0.00100		<0.000260
MW-9B	d	Vanadium	7440-62-2	mg/L	11/15/2022	0.00110	0.00500		<0.00110
MW-9B	d	Zinc	7440-66-6	mg/L	11/15/2022	0.0100	0.0200		<0.0100
MW-9B	d	Tin	7440-31-5	mg/L	11/15/2022	0.00300	0.00500		<0.00300
MW-9B	d	Mercury	7439-97-6	mg/L	11/15/2022	0.000110	0.000200		<0.000110
MW-9B	d	Acetonitrile	75-05-8	mg/L	11/15/2022	0.404	10.0		<0.404
MW-9B	d	Isobutanol	78-83-1	mg/L	11/15/2022	0.553	10.0		<0.553
MW-9B	d	4,4'-DDD	72-54-8	ug/L	11/15/2022	0.0270	0.0640		<0.0270
MW-9B	d	4,4'-DDE	72-55-9	ug/L	11/15/2022	0.0270	0.0640		<0.0270
MW-9B	d	4,4'-DDT	50-29-3	ug/L	11/15/2022	0.0420	0.0640		<0.0420
MW-9B	d	Aldrin	309-00-2	ug/L	11/15/2022	0.0320	0.0640		<0.0320
MW-9B	d	Alpha-BHC	319-84-6	ug/L	11/15/2022	0.0290	0.0640		<0.0290

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Beta-BHC	319-85-7	ug/L	11/15/2022	0.0370	0.0640		<0.0370
MW-9B	d	Chlordane	57-74-9	ug/L	11/15/2022	0.810	2.00		<0.810
MW-9B	d	Delta-BHC	319-86-8	ug/L	11/15/2022	0.0270	0.0640		<0.0270
MW-9B	d	Dieldrin	60-57-1	ug/L	11/15/2022	0.0260	0.0640		<0.0260
MW-9B	d	Endosulfan I	959-98-8	ug/L	11/15/2022	0.0330	0.0640		<0.0330
MW-9B	d	Endosulfan II	33213-65-9	ug/L	11/15/2022	0.0290	0.0640		<0.0290
MW-9B	d	Endosulfan sulfate	1031-07-8	ug/L	11/15/2022	0.0300	0.0640		<0.0300
MW-9B	d	Endrin	72-20-8	ug/L	11/15/2022	0.0260	0.0640		<0.0260
MW-9B	d	Endrin aldehyde	7421-93-4	ug/L	11/15/2022	0.0290	0.0640		<0.0290
MW-9B	d	Gamma-BHC [Lindane]	58-89-9	ug/L	11/15/2022	0.0360	0.0640		<0.0360
MW-9B	d	Heptachlor	76-44-8	ug/L	11/15/2022	0.0330	0.0640		<0.0330
MW-9B	d	Heptachlor Epoxide	1024-57-3	ug/L	11/15/2022	0.0290	0.0640		<0.0290
MW-9B	d	Methoxychlor	72-43-5	ug/L	11/15/2022	0.0410	0.0640		<0.0410
MW-9B	d	Toxaphene	8001-35-2	ug/L	11/15/2022	0.690	2.00		<0.690
MW-9B	d	PCB-1016	12674-11-2	ug/L	11/15/2022	0.170	0.800		<0.170
MW-9B	d	PCB-1221	11104-28-2	ug/L	11/15/2022	0.170	0.800		<0.170
MW-9B	d	PCB-1232	11141-16-5	ug/L	11/15/2022	0.170	0.800		<0.170
MW-9B	d	PCB-1242	53469-21-9	ug/L	11/15/2022	0.170	0.800		<0.170
MW-9B	d	PCB-1248	12672-29-6	ug/L	11/15/2022	0.110	0.800		<0.110
MW-9B	d	PCB-1254	11097-69-1	ug/L	11/15/2022	0.110	0.800		<0.110
MW-9B	d	PCB-1260	11096-82-5	ug/L	11/15/2022	0.110	0.800		<0.110
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/15/2022	0.380	1.00		<0.380
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	11/15/2022	0.190	1.00		<0.190
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/15/2022	0.470	1.00		<0.470
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	11/15/2022	0.450	1.00		<0.450
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	11/15/2022	0.220	1.00		<0.220
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	11/15/2022	0.560	2.00		<0.560
MW-9B	d	1,1-Dichloropropene	563-58-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	11/15/2022	0.590	1.00		<0.590
MW-9B	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/15/2022	1.20	1.20		<1.20
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	11/15/2022	0.340	0.340		<0.340
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	11/15/2022	0.370	1.00		<0.370
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	11/15/2022	0.390	1.00		<0.390
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-9B	d	1,3-Dichlorobenzene	541-73-1	ug/L	11/15/2022	0.300	1.00		<0.300
MW-9B	d	1,3-Dichloropropane	142-28-9	ug/L	11/15/2022	0.400	1.00		<0.400
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	11/15/2022	0.230	1.00		<0.230
MW-9B	d	2,2-Dichloropropane	594-20-7	ug/L	11/15/2022	0.690	4.00		<0.690
MW-9B	d	2-Butanone	78-93-3	ug/L	11/15/2022	2.10	10.0		<2.10
MW-9B	d	2-Hexanone	591-78-6	ug/L	11/15/2022	2.00	10.0		<2.00
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	11/15/2022	2.10	10.0		<2.10
MW-9B	d	Acetone	67-64-1	ug/L	11/15/2022	3.10	10.0		<3.10
MW-9B	d	Acrolein	107-02-8	ug/L	11/15/2022	3.60	10.0		<3.60
MW-9B	d	Acrylonitrile	107-13-1	ug/L	11/15/2022	2.20	10.0		<2.20
MW-9B	d	3-Chloropropene	107-05-1	ug/L	11/15/2022	0.700	2.00		<0.700
MW-9B	d	Benzene	71-43-2	ug/L	11/15/2022	0.220	0.500		<0.220
MW-9B	d	Bromochloromethane	74-97-5	ug/L	11/15/2022	0.540	5.00		<0.540
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	11/15/2022	0.390	1.00		<0.390
MW-9B	d	Bromoform	75-25-2	ug/L	11/15/2022	0.780	5.00		<0.780
MW-9B	d	Bromomethane	74-83-9	ug/L	11/15/2022	1.10	4.00		<1.10
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	11/15/2022	0.450	1.00		<0.450
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	11/15/2022	0.650	2.00		<0.650
MW-9B	d	Chlorobenzene	108-90-7	ug/L	11/15/2022	0.400	1.00		<0.400
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	11/15/2022	0.750	5.00		<0.750
MW-9B	d	Chloroethane	75-00-3	ug/L	11/15/2022	0.790	4.00		<0.790
MW-9B	d	Chloroform	67-66-3	ug/L	11/15/2022	1.30	3.00		<1.30
MW-9B	d	Chloromethane	74-87-3	ug/L	11/15/2022	0.610	3.00		<0.610
MW-9B	d	Chloroprene	126-99-8	ug/L	11/15/2022	0.230	1.00		<0.230
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	11/15/2022	0.210	1.00		<0.210
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	11/15/2022	0.250	5.00		<0.250
MW-9B	d	Methylene Bromide	74-95-3	ug/L	11/15/2022	0.330	1.00		<0.330
MW-9B	d	Dichlorodifluoromethane	75-71-8	ug/L	11/15/2022	0.250	3.00		<0.250
MW-9B	d	Ethyl Methacrylate	97-63-2	ug/L	11/15/2022	0.680	2.00		<0.680
MW-9B	d	Ethylbenzene	100-41-4	ug/L	11/15/2022	0.310	1.00		<0.310
MW-9B	d	Iodomethane	74-88-4	ug/L	11/15/2022	7.00	10.0		<7.00
MW-9B	d	Methacrylonitrile	126-98-7	ug/L	11/15/2022	3.30	10.0		<3.30
MW-9B	d	Methyl Methacrylate	80-62-6	ug/L	11/15/2022	0.760	2.00		<0.760
MW-9B	d	Methylene Chloride	75-09-2	ug/L	11/15/2022	1.70	5.00		<1.70
MW-9B	d	Naphthalene	91-20-3	ug/L	11/15/2022	3.00	5.00		<3.00
MW-9B	d	Propionitrile	107-12-0	ug/L	11/15/2022	3.40	10.0		<3.40
MW-9B	d	Styrene	100-42-5	ug/L	11/15/2022	0.370	1.00		<0.370
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	11/15/2022	0.480	1.00		<0.480
MW-9B	d	Toluene	108-88-3	ug/L	11/15/2022	0.430	1.00		<0.430
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	11/15/2022	0.270	1.00		<0.270
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	11/15/2022	0.560	5.00		<0.560
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/15/2022	1.10	10.0		<1.10
MW-9B	d	Trichloroethene	79-01-6	ug/L	11/15/2022	0.430	1.00		<0.430
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	11/15/2022	0.380	4.00		<0.380

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	11/15/2022	2.50	10.0		<2.50
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	11/15/2022	0.180	1.00		<0.180
MW-9B	d	Xylenes, total	1330-20-7	ug/L	11/15/2022	0.400	3.00		<0.400
MW-9B	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	11/15/2022	0.675	12.5		<0.675
MW-9B	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	11/15/2022	2.88	12.5		<2.88
MW-9B	d	1,3-Dinitrobenzene	99-65-0	ug/L	11/15/2022	4.00	12.5		<4.00
MW-9B	d	1,4-Naphthoquinone	130-15-4	ug/L	11/15/2022	4.50	12.5		<4.50
MW-9B	d	1,4-Phenylenediamine	106-50-3	ug/L	11/15/2022	2.38	12.5	*- *1	<2.38
MW-9B	d	1-Naphthylamine	134-32-7	ug/L	11/15/2022	3.13	12.5		<3.13
MW-9B	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	11/15/2022	6.63	12.5		<6.63
MW-9B	d	2,4,5-Trichlorophenol	95-95-4	ug/L	11/15/2022	6.63	12.5		<6.63
MW-9B	d	2,4,6-Trichlorophenol	88-06-2	ug/L	11/15/2022	6.25	12.5		<6.25
MW-9B	d	2,4-Dichlorophenol	120-83-2	ug/L	11/15/2022	1.06	12.5		<1.06
MW-9B	d	2,4-Dimethylphenol	105-67-9	ug/L	11/15/2022	0.725	12.5		<0.725
MW-9B	d	2,4-Dinitrophenol	51-28-5	ug/L	11/15/2022	16.3	25.0		<16.3
MW-9B	d	2,4-Dinitrotoluene	121-14-2	ug/L	11/15/2022	8.00	12.5		<8.00
MW-9B	d	2,6-Dichlorophenol	87-65-0	ug/L	11/15/2022	0.863	12.5		<0.863
MW-9B	d	2,6-Dinitrotoluene	606-20-2	ug/L	11/15/2022	0.650	12.5		<0.650
MW-9B	d	2-Acetylaminofluorene	53-96-3	ug/L	11/15/2022	3.38	12.5	*+	<3.38
MW-9B	d	2-Chloronaphthalene	91-58-7	ug/L	11/15/2022	0.800	12.5		<0.800
MW-9B	d	2-Chlorophenol	95-57-8	ug/L	11/15/2022	0.675	12.5		<0.675
MW-9B	d	2-Methylnaphthalene	91-57-6	ug/L	11/15/2022	0.738	12.5		<0.738
MW-9B	d	2-Methylphenol	95-48-7	ug/L	11/15/2022	0.813	12.5		<0.813
MW-9B	d	2-Naphthylamine	91-59-8	ug/L	11/15/2022	2.63	12.5		<2.63
MW-9B	d	2-Nitroaniline	88-74-4	ug/L	11/15/2022	7.38	12.5		<7.38
MW-9B	d	2-Nitrophenol	88-75-5	ug/L	11/15/2022	8.50	12.5		<8.50
MW-9B	d	3,3-Dichlorobenzidine	91-94-1	ug/L	11/15/2022	1.75	12.5		<1.75
MW-9B	d	3,3-Dimethylbenzidine	119-93-7	ug/L	11/15/2022	1.88	12.5		<1.88
MW-9B	d	3-Methylcholanthrene	56-49-5	ug/L	11/15/2022	0.400	12.5	*+	<0.400
MW-9B	d	3-Nitroaniline	99-09-2	ug/L	11/15/2022	3.38	12.5		<3.38
MW-9B	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	11/15/2022	8.63	12.5		<8.63
MW-9B	d	4-Aminobiphenyl	92-67-1	ug/L	11/15/2022	2.75	12.5		<2.75
MW-9B	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	11/15/2022	0.875	12.5		<0.875
MW-9B	d	4-Chloro-3-methylphenol	59-50-7	ug/L	11/15/2022	1.05	12.5		<1.05
MW-9B	d	4-Chloroaniline	106-47-8	ug/L	11/15/2022	0.775	12.5		<0.775
MW-9B	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	11/15/2022	0.863	12.5		<0.863
MW-9B	d	3/4-Methylphenol	T-34MP	ug/L	11/15/2022	0.875	12.5		<0.875
MW-9B	d	4-Nitroaniline	100-01-6	ug/L	11/15/2022	1.63	12.5		<1.63
MW-9B	d	4-Nitrophenol	100-02-7	ug/L	11/15/2022	9.50	12.5		<9.50
MW-9B	d	5-Nitro-o-toluidine	99-55-8	ug/L	11/15/2022	3.50	12.5		<3.50
MW-9B	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	11/15/2022	2.38	12.5		<2.38
MW-9B	d	Acenaphthene	83-32-9	ug/L	11/15/2022	0.800	12.5		<0.800
MW-9B	d	Acenaphthylene	208-96-8	ug/L	11/15/2022	0.900	12.5		<0.900
MW-9B	d	Acetophenone	98-86-2	ug/L	11/15/2022	0.863	12.5		<0.863
MW-9B	d	Anthracene	120-12-7	ug/L	11/15/2022	1.09	12.5		<1.09
MW-9B	d	Benzo [a] anthracene	56-55-3	ug/L	11/15/2022	1.06	12.5		<1.06
MW-9B	d	Benzo [a] pyrene	50-32-8	ug/L	11/15/2022	10.1	12.5		<10.1
MW-9B	d	Benzo [b] fluoranthene	205-99-2	ug/L	11/15/2022	6.13	12.5		<6.13
MW-9B	d	Benzo [g,h,i] perylene	191-24-2	ug/L	11/15/2022	7.88	12.5		<7.88
MW-9B	d	Benzo [k] fluoranthene	207-08-9	ug/L	11/15/2022	2.75	12.5		<2.75
MW-9B	d	Benzyl alcohol	100-51-6	ug/L	11/15/2022	1.63	12.5		<1.63
MW-9B	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	11/15/2022	0.950	12.5		<0.950
MW-9B	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	11/15/2022	1.03	12.5		<1.03
MW-9B	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	11/15/2022	0.675	12.5		<0.675
MW-9B	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	11/15/2022	6.88	12.5		<6.88
MW-9B	d	Butyl benzyl phthalate	85-68-7	ug/L	11/15/2022	6.75	12.5		<6.75
MW-9B	d	Chlorobenzilate	510-15-6	ug/L	11/15/2022	4.50	12.5		<4.50
MW-9B	d	Chrysene	218-01-9	ug/L	11/15/2022	1.09	12.5		<1.09
MW-9B	d	Diallate [cis or trans]	2303-16-4	ug/L	11/15/2022	5.00	12.5		<5.00
MW-9B	d	Dibenz [a,h] anthracene	53-70-3	ug/L	11/15/2022	4.88	12.5		<4.88
MW-9B	d	Dibenzofuran	132-64-9	ug/L	11/15/2022	0.925	12.5		<0.925
MW-9B	d	Diethyl phthalate	84-66-2	ug/L	11/15/2022	2.13	12.5		<2.13
MW-9B	d	Dimethoate	60-51-5	ug/L	11/15/2022	4.50	12.5	*+	<4.50
MW-9B	d	Dimethyl phthalate	131-11-3	ug/L	11/15/2022	1.25	12.5		<1.25
MW-9B	d	Di-n-butyl phthalate	84-74-2	ug/L	11/15/2022	7.00	12.5		<7.00
MW-9B	d	Di-n-octyl phthalate	117-84-0	ug/L	11/15/2022	8.75	25.0		<8.75
MW-9B	d	Dinoseb	88-85-7	ug/L	11/15/2022	3.00	12.5		<3.00
MW-9B	d	Diphenylamine	122-39-4	ug/L	11/15/2022	7.50	12.5		<7.50
MW-9B	d	Disulfoton	298-04-4	ug/L	11/15/2022	3.00	12.5		<3.00
MW-9B	d	Ethyl Methanesulfonate	62-50-0	ug/L	11/15/2022	4.50	12.5		<4.50
MW-9B	d	Parathion-Ethyl	56-38-2	ug/L	11/15/2022	2.75	12.5	*+	<2.75
MW-9B	d	Famphur	52-85-7	ug/L	11/15/2022	4.75	12.5		<4.75
MW-9B	d	Fluoranthene	206-44-0	ug/L	11/15/2022	2.13	12.5		<2.13
MW-9B	d	Fluorene	86-73-7	ug/L	11/15/2022	0.988	12.5		<0.988
MW-9B	d	Hexachlorobenzene	118-74-1	ug/L	11/15/2022	0.875	12.5		<0.875
MW-9B	d	Hexachlorobutadiene	87-68-3	ug/L	11/15/2022	1.08	12.5		<1.08
MW-9B	d	Hexachlorocyclopentadiene	77-47-4	ug/L	11/15/2022	6.38	12.5		<6.38
MW-9B	d	Hexachloroethane	67-72-1	ug/L	11/15/2022	1.21	12.5		<1.21
MW-9B	d	Hexachloropropene	1888-71-7	ug/L	11/15/2022	3.25	12.5	*1	<3.25

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	11/15/2022	5.25	12.5		<5.25
MW-9B	d	Isodrin	465-73-6	ug/L	11/15/2022	5.88	12.5		<5.88
MW-9B	d	Isophorone	78-59-1	ug/L	11/15/2022	1.16	12.5		<1.16
MW-9B	d	Isosafrole	120-58-1	ug/L	11/15/2022	2.88	12.5		<2.88
MW-9B	d	Kepone	143-50-0	ug/L	11/15/2022	1.25	12.5	*1	<1.25
MW-9B	d	Methapyrilene	91-80-5	ug/L	11/15/2022	0.950	12.5		<0.950
MW-9B	d	Methyl Methanesulfonate	66-27-3	ug/L	11/15/2022	4.13	12.5		<4.13
MW-9B	d	Parathion-Methyl	298-00-0	ug/L	11/15/2022	2.88	12.5	*+	<2.88
MW-9B	d	Nitrobenzene	98-95-3	ug/L	11/15/2022	1.00	12.5		<1.00
MW-9B	d	N-Nitrosodiethylamine	55-18-5	ug/L	11/15/2022	4.25	12.5		<4.25
MW-9B	d	N-Nitrosodimethylamine	62-75-9	ug/L	11/15/2022	0.900	12.5		<0.900
MW-9B	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	11/15/2022	4.88	12.5		<4.88
MW-9B	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	11/15/2022	1.15	12.5		<1.15
MW-9B	d	N-Nitrosodiphenylamine	86-30-6	ug/L	11/15/2022	0.938	12.5		<0.938
MW-9B	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	11/15/2022	6.13	12.5		<6.13
MW-9B	d	N-Nitrosopiperidine	100-75-4	ug/L	11/15/2022	3.38	12.5		<3.38
MW-9B	d	N-Nitrosopyrrolidine	930-55-2	ug/L	11/15/2022	4.50	12.5		<4.50
MW-9B	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	11/15/2022	4.00	12.5		<4.00
MW-9B	d	O-Toluidine	95-53-4	ug/L	11/15/2022	3.63	12.5		<3.63
MW-9B	d	Dimethylaminoazobenzene	60-11-7	ug/L	11/15/2022	2.75	12.5		<2.75
MW-9B	d	Pentachlorobenzene	608-93-5	ug/L	11/15/2022	3.50	12.5		<3.50
MW-9B	d	Pentachloronitrobenzene	82-68-8	ug/L	11/15/2022	7.25	12.5		<7.25
MW-9B	d	Pentachlorophenol [2C]	87-86-5	ug/L	11/15/2022	12.0	12.5		<12.0
MW-9B	d	Phenacetin	62-44-2	ug/L	11/15/2022	2.38	12.5		<2.38
MW-9B	d	Phenanthrene	85-01-8	ug/L	11/15/2022	0.988	12.5		<0.988
MW-9B	d	Phenol	108-95-2	ug/L	11/15/2022	1.38	12.5		<1.38
MW-9B	d	Phorate	298-02-2	ug/L	11/15/2022	4.00	12.5		<4.00
MW-9B	d	Pronamide	23950-58-5	ug/L	11/15/2022	3.38	12.5		<3.38
MW-9B	d	Pyrene	129-00-0	ug/L	11/15/2022	0.988	12.5		<0.988
MW-9B	d	Safrole	94-59-7	ug/L	11/15/2022	3.50	12.5		<3.50
MW-9B	d	Thionazin	297-97-2	ug/L	11/15/2022	4.38	12.5		<4.38
MW-9B	d	Cyanide	57-12-5	mg/L	11/15/2022	0.00430	0.0100		<0.00430
MW-9B	d	Sulfide	18496-25-8	mg/L	11/15/2022	0.231	1.00		<0.231
MW-9B	d	Total Suspended Solids	TSS	mg/L	11/15/2022	5.10	15.0		44.0
MW-1	d	Antimony	7440-36-0	mg/L	3/27/2023	0.000690	0.00200	J	0.000757
MW-1	d	Arsenic	7440-38-2	mg/L	3/27/2023	0.000750	0.00200		0.00516
MW-1	d	Barium	7440-39-3	mg/L	3/27/2023	0.000880	0.00200		0.124
MW-1	d	Beryllium	7440-41-7	mg/L	3/27/2023	0.000270	0.00100		<0.000270
MW-1	d	Cadmium	7440-43-9	mg/L	3/27/2023	0.0000550	0.000100		0.000236
MW-1	d	Chromium	7440-47-3	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-1	d	Cobalt	7440-48-4	mg/L	3/27/2023	0.000190	0.000500		0.000520
MW-1	d	Copper	7440-50-8	mg/L	3/27/2023	0.00180	0.00500	J	0.00253
MW-1	d	Lead	7439-92-1	mg/L	3/27/2023	0.000240	0.000500		0.000524
MW-1	d	Nickel	7440-02-0	mg/L	3/27/2023	0.00190	0.00500		<0.00190
MW-1	d	Selenium	7782-49-2	mg/L	3/27/2023	0.000960	0.00500	J	0.00175
MW-1	d	Silver	7440-22-4	mg/L	3/27/2023	0.000490	0.00100		0.00137
MW-1	d	Thallium	7440-28-0	mg/L	3/27/2023	0.000260	0.00100	J	0.000845
MW-1	d	Vanadium	7440-62-2	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-1	d	Zinc	7440-66-6	mg/L	3/27/2023	0.0100	0.0200		<0.0100
MW-1	d	Acetone	67-64-1	ug/L	3/27/2023	3.10	10.0		<3.10
MW-1	d	Acrylonitrile	107-13-1	ug/L	3/27/2023	2.20	10.0		<2.20
MW-1	d	Benzene	71-43-2	ug/L	3/27/2023	0.220	0.500		<0.220
MW-1	d	Bromochloromethane	74-97-5	ug/L	3/27/2023	0.540	5.00		<0.540
MW-1	d	Bromodichloromethane	75-27-4	ug/L	3/27/2023	0.390	1.00		<0.390
MW-1	d	Bromoform	75-25-2	ug/L	3/27/2023	0.780	5.00		<0.780
MW-1	d	Bromomethane	74-83-9	ug/L	3/27/2023	1.10	4.00		<1.10
MW-1	d	2-Butanone	78-93-3	ug/L	3/27/2023	2.10	10.0		<2.10
MW-1	d	Carbon Disulfide	75-15-0	ug/L	3/27/2023	0.450	1.00		<0.450
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	3/27/2023	0.650	2.00		<0.650
MW-1	d	Chlorobenzene	108-90-7	ug/L	3/27/2023	0.400	1.00		<0.400
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	3/27/2023	0.750	5.00		<0.750
MW-1	d	Chloroethane	75-00-3	ug/L	3/27/2023	0.790	4.00		<0.790
MW-1	d	Chloroform	67-66-3	ug/L	3/27/2023	1.30	3.00		<1.30
MW-1	d	Chloromethane	74-87-3	ug/L	3/27/2023	0.610	3.00		<0.610
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/27/2023	0.210	1.00		<0.210
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/27/2023	0.250	5.00		<0.250
MW-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/27/2023	1.20	1.20		<1.20
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/27/2023	0.340	0.340		<0.340
MW-1	d	Methylene Bromide	74-95-3	ug/L	3/27/2023	0.330	1.00		<0.330
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/27/2023	0.370	1.00		<0.370
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/27/2023	0.230	1.00		<0.230
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	3/27/2023	0.220	1.00		<0.220
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	3/27/2023	0.390	1.00		<0.390
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	3/27/2023	0.560	2.00		<0.560
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-1	d	Ethylbenzene	100-41-4	ug/L	3/27/2023	0.310	1.00		<0.310
MW-1	d	2-Hexanone	591-78-6	ug/L	3/27/2023	2.00	10.0		<2.00
MW-1	d	Iodomethane	74-88-4	ug/L	3/27/2023	7.00	10.0		<7.00
MW-1	d	Methylene Chloride	75-09-2	ug/L	3/27/2023	1.70	5.00		<1.70

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/27/2023	2.10	10.0		<2.10
MW-1	d	Styrene	100-42-5	ug/L	3/27/2023	0.370	1.00		<0.370
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/27/2023	0.380	1.00		<0.380
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/27/2023	0.470	1.00		<0.470
MW-1	d	Tetrachloroethene	127-18-4	ug/L	3/27/2023	0.480	1.00		<0.480
MW-1	d	Toluene	108-88-3	ug/L	3/27/2023	0.430	1.00		<0.430
MW-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/27/2023	1.10	10.0		<1.10
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/27/2023	0.560	5.00		<0.560
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/27/2023	0.190	1.00		<0.190
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/27/2023	0.450	1.00		<0.450
MW-1	d	Trichloroethene	79-01-6	ug/L	3/27/2023	0.430	1.00		<0.430
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	3/27/2023	0.380	4.00		<0.380
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/27/2023	0.590	1.00		<0.590
MW-1	d	Vinyl Acetate	108-05-4	ug/L	3/27/2023	2.50	10.0		<2.50
MW-1	d	Vinyl Chloride	75-01-4	ug/L	3/27/2023	0.180	1.00		<0.180
MW-1	d	Xylenes, total	1330-20-7	ug/L	3/27/2023	0.400	3.00		<0.400
MW-1	d	Total Suspended Solids	TSS	mg/L	3/27/2023	0.638	1.88		1.88
MW-12	d	Antimony	7440-36-0	mg/L	3/27/2023	0.000690	0.00200		<0.000690
MW-12	d	Arsenic	7440-38-2	mg/L	3/27/2023	0.000750	0.00200		<0.000750
MW-12	d	Barium	7440-39-3	mg/L	3/27/2023	0.000880	0.00200		0.0613
MW-12	d	Beryllium	7440-41-7	mg/L	3/27/2023	0.000270	0.00100		<0.000270
MW-12	d	Cadmium	7440-43-9	mg/L	3/27/2023	0.0000550	0.000100		<0.0000550
MW-12	d	Chromium	7440-47-3	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-12	d	Cobalt	7440-48-4	mg/L	3/27/2023	0.000190	0.000500	J	0.000200
MW-12	d	Copper	7440-50-8	mg/L	3/27/2023	0.00180	0.00500		<0.00180
MW-12	d	Lead	7439-92-1	mg/L	3/27/2023	0.000240	0.000500		<0.000240
MW-12	d	Nickel	7440-02-0	mg/L	3/27/2023	0.00190	0.00500		0.0101
MW-12	d	Selenium	7782-49-2	mg/L	3/27/2023	0.000960	0.00500		<0.000960
MW-12	d	Silver	7440-22-4	mg/L	3/27/2023	0.000490	0.00100		<0.000490
MW-12	d	Thallium	7440-28-0	mg/L	3/27/2023	0.000260	0.00100		<0.000260
MW-12	d	Vanadium	7440-62-2	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-12	d	Zinc	7440-66-6	mg/L	3/27/2023	0.0100	0.0200		<0.0100
MW-12	d	Acetone	67-64-1	ug/L	3/27/2023	3.10	10.0		<3.10
MW-12	d	Acrylonitrile	107-13-1	ug/L	3/27/2023	2.20	10.0		<2.20
MW-12	d	Benzene	71-43-2	ug/L	3/27/2023	0.220	0.500		<0.220
MW-12	d	Bromochloromethane	74-97-5	ug/L	3/27/2023	0.540	5.00		<0.540
MW-12	d	Bromodichloromethane	75-27-4	ug/L	3/27/2023	0.390	1.00		<0.390
MW-12	d	Bromoform	75-25-2	ug/L	3/27/2023	0.780	5.00		<0.780
MW-12	d	Bromomethane	74-83-9	ug/L	3/27/2023	1.10	4.00		<1.10
MW-12	d	2-Butanone	78-93-3	ug/L	3/27/2023	2.10	10.0		<2.10
MW-12	d	Carbon Disulfide	75-15-0	ug/L	3/27/2023	0.450	1.00		<0.450
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	3/27/2023	0.650	2.00		<0.650
MW-12	d	Chlorobenzene	108-90-7	ug/L	3/27/2023	0.400	1.00		<0.400
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	3/27/2023	0.750	5.00		<0.750
MW-12	d	Chloroethane	75-00-3	ug/L	3/27/2023	0.790	4.00		<0.790
MW-12	d	Chloroform	67-66-3	ug/L	3/27/2023	1.30	3.00		<1.30
MW-12	d	Chloromethane	74-87-3	ug/L	3/27/2023	0.610	3.00		<0.610
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/27/2023	0.210	1.00		<0.210
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/27/2023	0.250	5.00		<0.250
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/27/2023	1.20	1.20		<1.20
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/27/2023	0.340	0.340		<0.340
MW-12	d	Methylene Bromide	74-95-3	ug/L	3/27/2023	0.330	1.00		<0.330
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/27/2023	0.370	1.00		<0.370
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/27/2023	0.230	1.00		<0.230
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	3/27/2023	0.220	1.00		<0.220
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	3/27/2023	0.390	1.00		<0.390
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	3/27/2023	0.560	2.00		<0.560
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-12	d	Ethylbenzene	100-41-4	ug/L	3/27/2023	0.310	1.00		<0.310
MW-12	d	2-Hexanone	591-78-6	ug/L	3/27/2023	2.00	10.0		<2.00
MW-12	d	Iodomethane	74-88-4	ug/L	3/27/2023	7.00	10.0		<7.00
MW-12	d	Methylene Chloride	75-09-2	ug/L	3/27/2023	1.70	5.00		<1.70
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/27/2023	2.10	10.0		<2.10
MW-12	d	Styrene	100-42-5	ug/L	3/27/2023	0.370	1.00		<0.370
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/27/2023	0.380	1.00		<0.380
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/27/2023	0.470	1.00		<0.470
MW-12	d	Tetrachloroethene	127-18-4	ug/L	3/27/2023	0.480	1.00		<0.480
MW-12	d	Toluene	108-88-3	ug/L	3/27/2023	0.430	1.00		<0.430
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/27/2023	1.10	10.0		<1.10
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/27/2023	0.560	5.00		<0.560
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/27/2023	0.190	1.00		<0.190
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/27/2023	0.450	1.00		<0.450
MW-12	d	Trichloroethene	79-01-6	ug/L	3/27/2023	0.430	1.00		<0.430
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	3/27/2023	0.380	4.00		<0.380
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/27/2023	0.590	1.00		<0.590
MW-12	d	Vinyl Acetate	108-05-4	ug/L	3/27/2023	2.50	10.0		<2.50
MW-12	d	Vinyl Chloride	75-01-4	ug/L	3/27/2023	0.180	1.00		<0.180

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Xylenes, total	1330-20-7	ug/L	3/27/2023	0.400	3.00		<0.400
MW-12	d	Total Suspended Solids	TSS	mg/L	3/27/2023	0.638	1.88	J	0.875
MW-28	u	Antimony	7440-36-0	mg/L	3/27/2023	0.000690	0.00200		<0.000690
MW-28	u	Arsenic	7440-38-2	mg/L	3/27/2023	0.000750	0.00200		<0.000750
MW-28	u	Barium	7440-39-3	mg/L	3/27/2023	0.000880	0.00200		0.0519
MW-28	u	Beryllium	7440-41-7	mg/L	3/27/2023	0.000270	0.00100		<0.000270
MW-28	u	Cadmium	7440-43-9	mg/L	3/27/2023	0.0000550	0.000100		0.000154
MW-28	u	Chromium	7440-47-3	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-28	u	Cobalt	7440-48-4	mg/L	3/27/2023	0.000190	0.000500		<0.000190
MW-28	u	Copper	7440-50-8	mg/L	3/27/2023	0.00180	0.00500		<0.00180
MW-28	u	Lead	7439-92-1	mg/L	3/27/2023	0.000240	0.000500		<0.000240
MW-28	u	Nickel	7440-02-0	mg/L	3/27/2023	0.00190	0.00500		0.00619
MW-28	u	Selenium	7782-49-2	mg/L	3/27/2023	0.000960	0.00500	J	0.00408
MW-28	u	Silver	7440-22-4	mg/L	3/27/2023	0.000490	0.00100		<0.000490
MW-28	u	Thallium	7440-28-0	mg/L	3/27/2023	0.000260	0.00100		<0.000260
MW-28	u	Vanadium	7440-62-2	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-28	u	Zinc	7440-66-6	mg/L	3/27/2023	0.0100	0.0200		<0.0100
MW-28	u	Acetone	67-64-1	ug/L	3/27/2023	3.10	10.0		<3.10
MW-28	u	Acrylonitrile	107-13-1	ug/L	3/27/2023	2.20	10.0		<2.20
MW-28	u	Benzene	71-43-2	ug/L	3/27/2023	0.220	0.500		<0.220
MW-28	u	Bromochloromethane	74-97-5	ug/L	3/27/2023	0.540	5.00		<0.540
MW-28	u	Bromodichloromethane	75-27-4	ug/L	3/27/2023	0.390	1.00		<0.390
MW-28	u	Bromoform	75-25-2	ug/L	3/27/2023	0.780	5.00		<0.780
MW-28	u	Bromomethane	74-83-9	ug/L	3/27/2023	1.10	4.00		<1.10
MW-28	u	2-Butanone	78-93-3	ug/L	3/27/2023	2.10	10.0		<2.10
MW-28	u	Carbon Disulfide	75-15-0	ug/L	3/27/2023	0.450	1.00		<0.450
MW-28	u	Carbon Tetrachloride	56-23-5	ug/L	3/27/2023	0.650	2.00		<0.650
MW-28	u	Chlorobenzene	108-90-7	ug/L	3/27/2023	0.400	1.00		<0.400
MW-28	u	Chlorodibromomethane	124-48-1	ug/L	3/27/2023	0.750	5.00		<0.750
MW-28	u	Chloroethane	75-00-3	ug/L	3/27/2023	0.790	4.00		<0.790
MW-28	u	Chloroform	67-66-3	ug/L	3/27/2023	1.30	3.00		<1.30
MW-28	u	Chloromethane	74-87-3	ug/L	3/27/2023	0.610	3.00		<0.610
MW-28	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/27/2023	0.210	1.00		<0.210
MW-28	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/27/2023	0.250	5.00		<0.250
MW-28	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/27/2023	1.20	1.20		<1.20
MW-28	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/27/2023	0.340	0.340		<0.340
MW-28	u	Methylene Bromide	74-95-3	ug/L	3/27/2023	0.330	1.00		<0.330
MW-28	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/27/2023	0.370	1.00		<0.370
MW-28	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/27/2023	0.230	1.00		<0.230
MW-28	u	1,1-Dichloroethane	75-34-3	ug/L	3/27/2023	0.220	1.00		<0.220
MW-28	u	1,2-Dichloroethane	107-06-2	ug/L	3/27/2023	0.390	1.00		<0.390
MW-28	u	1,1-Dichloroethene	75-35-4	ug/L	3/27/2023	0.560	2.00		<0.560
MW-28	u	1,2-Dichloropropane	78-87-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-28	u	Ethylbenzene	100-41-4	ug/L	3/27/2023	0.310	1.00		<0.310
MW-28	u	2-Hexanone	591-78-6	ug/L	3/27/2023	2.00	10.0		<2.00
MW-28	u	Iodomethane	74-88-4	ug/L	3/27/2023	7.00	10.0		<7.00
MW-28	u	Methylene Chloride	75-09-2	ug/L	3/27/2023	1.70	5.00		<1.70
MW-28	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/27/2023	2.10	10.0		<2.10
MW-28	u	Styrene	100-42-5	ug/L	3/27/2023	0.370	1.00		<0.370
MW-28	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/27/2023	0.380	1.00		<0.380
MW-28	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/27/2023	0.470	1.00		<0.470
MW-28	u	Tetrachloroethene	127-18-4	ug/L	3/27/2023	0.480	1.00		<0.480
MW-28	u	Toluene	108-88-3	ug/L	3/27/2023	0.430	1.00		<0.430
MW-28	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/27/2023	1.10	10.0		<1.10
MW-28	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-28	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/27/2023	0.560	5.00		<0.560
MW-28	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/27/2023	0.190	1.00		<0.190
MW-28	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/27/2023	0.450	1.00		<0.450
MW-28	u	Trichloroethene	79-01-6	ug/L	3/27/2023	0.430	1.00		<0.430
MW-28	u	Trichlorofluoromethane	75-69-4	ug/L	3/27/2023	0.380	4.00		<0.380
MW-28	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/27/2023	0.590	1.00		<0.590
MW-28	u	Vinyl Acetate	108-05-4	ug/L	3/27/2023	2.50	10.0		<2.50
MW-28	u	Vinyl Chloride	75-01-4	ug/L	3/27/2023	0.180	1.00		<0.180
MW-28	u	Xylenes, total	1330-20-7	ug/L	3/27/2023	0.400	3.00		<0.400
MW-28	u	Total Suspended Solids	TSS	mg/L	3/27/2023	0.638	1.88		1.88
MW-2AR	d	2,4,5-T	93-76-5	ug/L	3/27/2023	0.07	0.5		<0.5
MW-2AR	d	2,4,5-TP [Silvex] [2C]	93-72-1	ug/L	3/27/2023	0.07	0.5		<0.5
MW-2AR	d	2,4-D [2C]	94-75-7	ug/L	3/27/2023	0.2	2.0		<2.0
MW-2AR	d	Antimony	7440-36-0	mg/L	3/27/2023	0.000690	0.00200		<0.000690
MW-2AR	d	Arsenic	7440-38-2	mg/L	3/27/2023	0.000750	0.00200		0.0540
MW-2AR	d	Barium	7440-39-3	mg/L	3/27/2023	0.000880	0.00200		0.942
MW-2AR	d	Beryllium	7440-41-7	mg/L	3/27/2023	0.000270	0.00100		<0.000270
MW-2AR	d	Cadmium	7440-43-9	mg/L	3/27/2023	0.0000550	0.000100		0.000183
MW-2AR	d	Chromium	7440-47-3	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-2AR	d	Cobalt	7440-48-4	mg/L	3/27/2023	0.000190	0.000500		0.00167
MW-2AR	d	Copper	7440-50-8	mg/L	3/27/2023	0.00180	0.00500		<0.00180
MW-2AR	d	Lead	7439-92-1	mg/L	3/27/2023	0.000240	0.000500	J	0.000322
MW-2AR	d	Nickel	7440-02-0	mg/L	3/27/2023	0.00190	0.00500		0.0139
MW-2AR	d	Selenium	7782-49-2	mg/L	3/27/2023	0.000960	0.00500		<0.000960

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Silver	7440-22-4	mg/L	3/27/2023	0.000490	0.00100		<0.000490
MW-2AR	d	Thallium	7440-28-0	mg/L	3/27/2023	0.000260	0.00100	J	0.000341
MW-2AR	d	Vanadium	7440-62-2	mg/L	3/27/2023	0.00110	0.00500	J	0.00177
MW-2AR	d	Zinc	7440-66-6	mg/L	3/27/2023	0.0100	0.0200		<0.0100
MW-2AR	d	Tin	7440-31-5	mg/L	3/27/2023	0.00300	0.00500		<0.00300
MW-2AR	d	Mercury	7439-97-6	mg/L	3/27/2023	0.000140	0.000200		<0.000140
MW-2AR	d	Acetonitrile	75-05-8	mg/L	3/27/2023	0.570	10.0		<0.570
MW-2AR	d	Isobutanol	78-83-1	mg/L	3/27/2023	0.550	10.0		<0.550
MW-2AR	d	4,4'-DDD	72-54-8	ug/L	3/27/2023	0.0260	0.0615		<0.0260
MW-2AR	d	4,4'-DDE	72-55-9	ug/L	3/27/2023	0.0260	0.0615	*1	<0.0260
MW-2AR	d	4,4'-DDT	50-29-3	ug/L	3/27/2023	0.0404	0.0615	*1	<0.0404
MW-2AR	d	Aldrin	309-00-2	ug/L	3/27/2023	0.0308	0.0615	*1	<0.0308
MW-2AR	d	Alpha-BHC	319-84-6	ug/L	3/27/2023	0.0279	0.0615	*1	<0.0279
MW-2AR	d	Beta-BHC	319-85-7	ug/L	3/27/2023	0.0356	0.0615		<0.0356
MW-2AR	d	Chlordane	57-74-9	ug/L	3/27/2023	0.779	1.92		<0.779
MW-2AR	d	Delta-BHC	319-86-8	ug/L	3/27/2023	0.0260	0.0615		<0.0260
MW-2AR	d	Dieldrin	60-57-1	ug/L	3/27/2023	0.0250	0.0615	*1	<0.0250
MW-2AR	d	Endosulfan I	959-98-8	ug/L	3/27/2023	0.0317	0.0615	*1	<0.0317
MW-2AR	d	Endosulfan II	33213-65-9	ug/L	3/27/2023	0.0279	0.0615		<0.0279
MW-2AR	d	Endosulfan sulfate	1031-07-8	ug/L	3/27/2023	0.0288	0.0615	*1	<0.0288
MW-2AR	d	Endrin	72-20-8	ug/L	3/27/2023	0.0250	0.0615	*1	<0.0250
MW-2AR	d	Endrin aldehyde	7421-93-4	ug/L	3/27/2023	0.0279	0.0615		<0.0279
MW-2AR	d	Gamma-BHC [Lindane]	58-89-9	ug/L	3/27/2023	0.0346	0.0615	*1	<0.0346
MW-2AR	d	Heptachlor	76-44-8	ug/L	3/27/2023	0.0317	0.0615	*1	<0.0317
MW-2AR	d	Heptachlor Epoxide	1024-57-3	ug/L	3/27/2023	0.0279	0.0615	*1	<0.0279
MW-2AR	d	Methoxychlor	72-43-5	ug/L	3/27/2023	0.0394	0.0615	*1	<0.0394
MW-2AR	d	Toxaphene	8001-35-2	ug/L	3/27/2023	0.663	1.92		<0.663
MW-2AR	d	PCB-1016	12674-11-2	ug/L	3/27/2023	0.163	0.769		<0.163
MW-2AR	d	PCB-1221	11104-28-2	ug/L	3/27/2023	0.163	0.769		<0.163
MW-2AR	d	PCB-1232	11141-16-5	ug/L	3/27/2023	0.163	0.769		<0.163
MW-2AR	d	PCB-1242	53469-21-9	ug/L	3/27/2023	0.163	0.769		<0.163
MW-2AR	d	PCB-1248	12672-29-6	ug/L	3/27/2023	0.106	0.769		<0.106
MW-2AR	d	PCB-1254	11097-69-1	ug/L	3/27/2023	0.106	0.769		<0.106
MW-2AR	d	PCB-1260	11096-82-5	ug/L	3/27/2023	0.106	0.769		<0.106
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/27/2023	0.380	1.00		<0.380
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/27/2023	0.190	1.00		<0.190
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/27/2023	0.470	1.00		<0.470
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/27/2023	0.450	1.00		<0.450
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	3/27/2023	0.220	1.00		<0.220
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	3/27/2023	0.560	2.00		<0.560
MW-2AR	d	1,1-Dichloropropene	563-58-6	ug/L	3/27/2023	0.430	1.00		<0.430
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/27/2023	0.590	1.00		<0.590
MW-2AR	d	1,2,4-Trichlorobenzene	120-82-1	ug/L	3/27/2023	0.750	5.00		<0.750
MW-2AR	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/27/2023	1.20	1.20		<1.20
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/27/2023	0.340	0.340		<0.340
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/27/2023	0.370	1.00		<0.370
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	3/27/2023	0.390	1.00		<0.390
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-2AR	d	1,3-Dichlorobenzene	541-73-1	ug/L	3/27/2023	0.300	1.00		<0.300
MW-2AR	d	1,3-Dichloropropane	142-28-9	ug/L	3/27/2023	0.400	1.00		<0.400
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/27/2023	0.230	1.00		1.26
MW-2AR	d	2,2-Dichloropropane	594-20-7	ug/L	3/27/2023	0.690	4.00		<0.690
MW-2AR	d	2-Butanone	78-93-3	ug/L	3/27/2023	2.10	10.0		<2.10
MW-2AR	d	2-Hexanone	591-78-6	ug/L	3/27/2023	2.00	10.0		<2.00
MW-2AR	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/27/2023	2.10	10.0		<2.10
MW-2AR	d	Acetone	67-64-1	ug/L	3/27/2023	3.10	10.0		<3.10
MW-2AR	d	Acrolein	107-02-8	ug/L	3/27/2023	3.60	10.0		<3.60
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	3/27/2023	2.20	10.0		<2.20
MW-2AR	d	3-Chloropropene	107-05-1	ug/L	3/27/2023	0.700	2.00		<0.700
MW-2AR	d	Benzene	71-43-2	ug/L	3/27/2023	0.220	0.500	J	0.372
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	3/27/2023	0.540	5.00		<0.540
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	3/27/2023	0.390	1.00		<0.390
MW-2AR	d	Bromoform	75-25-2	ug/L	3/27/2023	0.780	5.00		<0.780
MW-2AR	d	Bromomethane	74-83-9	ug/L	3/27/2023	1.10	4.00		<1.10
MW-2AR	d	Carbon Disulfide	75-15-0	ug/L	3/27/2023	0.450	1.00		<0.450
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	3/27/2023	0.650	2.00		<0.650
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	3/27/2023	0.400	1.00		1.45
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	3/27/2023	0.750	5.00		<0.750
MW-2AR	d	Chloroethane	75-00-3	ug/L	3/27/2023	0.790	4.00	J	1.25
MW-2AR	d	Chloroform	67-66-3	ug/L	3/27/2023	1.30	3.00		<1.30
MW-2AR	d	Chloromethane	74-87-3	ug/L	3/27/2023	0.610	3.00		<0.610
MW-2AR	d	Chloroprene	126-99-8	ug/L	3/27/2023	0.230	1.00		<0.230
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/27/2023	0.210	1.00		<0.210
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/27/2023	0.250	5.00		<0.250
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	3/27/2023	0.330	1.00		<0.330
MW-2AR	d	Dichlorodifluoromethane	75-71-8	ug/L	3/27/2023	0.250	3.00		<0.250
MW-2AR	d	Ethyl Methacrylate	97-63-2	ug/L	3/27/2023	0.680	2.00		<0.680
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	3/27/2023	0.310	1.00		<0.310
MW-2AR	d	Iodomethane	74-88-4	ug/L	3/27/2023	7.00	10.0		<7.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Methacrylonitrile	126-98-7	ug/L	3/27/2023	3.30	10.0		<3.30
MW-2AR	d	Methyl Methacrylate	80-62-6	ug/L	3/27/2023	0.760	2.00		<0.760
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	3/27/2023	1.70	5.00		<1.70
MW-2AR	d	Naphthalene	91-20-3	ug/L	3/27/2023	3.00	5.00		<3.00
MW-2AR	d	Propionitrile	107-12-0	ug/L	3/27/2023	3.40	10.0		<3.40
MW-2AR	d	Styrene	100-42-5	ug/L	3/27/2023	0.370	1.00		<0.370
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	3/27/2023	0.480	1.00		<0.480
MW-2AR	d	Toluene	108-88-3	ug/L	3/27/2023	0.430	1.00		<0.430
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/27/2023	0.560	5.00		<0.560
MW-2AR	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/27/2023	1.10	10.0		<1.10
MW-2AR	d	Trichloroethene	79-01-6	ug/L	3/27/2023	0.430	1.00		<0.430
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	3/27/2023	0.380	4.00		<0.380
MW-2AR	d	Vinyl Acetate	108-05-4	ug/L	3/27/2023	2.50	10.0		<2.50
MW-2AR	d	Vinyl Chloride	75-01-4	ug/L	3/27/2023	0.180	1.00		<0.180
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	3/27/2023	0.400	3.00		<0.400
MW-2AR	d	1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/27/2023	0.540	10.0		<0.540
MW-2AR	d	1,3,5-Trinitrobenzene	99-35-4	ug/L	3/27/2023	2.30	10.0		<2.30
MW-2AR	d	1,3-Dinitrobenzene	99-65-0	ug/L	3/27/2023	3.20	10.0		<3.20
MW-2AR	d	1,4-Naphthoquinone	130-15-4	ug/L	3/27/2023	3.60	10.0		<3.60
MW-2AR	d	1,4-Phenylenediamine	106-50-3	ug/L	3/27/2023	1.90	10.0		<1.90
MW-2AR	d	1-Naphthylamine	134-32-7	ug/L	3/27/2023	2.50	10.0		<2.50
MW-2AR	d	2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/27/2023	5.30	10.0		<5.30
MW-2AR	d	2,4,5-Trichlorophenol	95-95-4	ug/L	3/27/2023	5.30	10.0		<5.30
MW-2AR	d	2,4,6-Trichlorophenol	88-06-2	ug/L	3/27/2023	5.00	10.0		<5.00
MW-2AR	d	2,4-Dichlorophenol	120-83-2	ug/L	3/27/2023	0.850	10.0		<0.850
MW-2AR	d	2,4-Dimethylphenol	105-67-9	ug/L	3/27/2023	0.580	10.0		<0.580
MW-2AR	d	2,4-Dinitrophenol	51-28-5	ug/L	3/27/2023	13.0	20.0		<13.0
MW-2AR	d	2,4-Dinitrotoluene	121-14-2	ug/L	3/27/2023	6.40	10.0		<6.40
MW-2AR	d	2,6-Dichlorophenol	87-65-0	ug/L	3/27/2023	0.690	10.0		<0.690
MW-2AR	d	2,6-Dinitrotoluene	606-20-2	ug/L	3/27/2023	0.520	10.0		<0.520
MW-2AR	d	2-Acetylaminofluorene	53-96-3	ug/L	3/27/2023	2.70	10.0		<2.70
MW-2AR	d	2-Chloronaphthalene	91-58-7	ug/L	3/27/2023	0.640	10.0		<0.640
MW-2AR	d	2-Chlorophenol	95-57-8	ug/L	3/27/2023	0.540	10.0		<0.540
MW-2AR	d	2-Methylnaphthalene	91-57-6	ug/L	3/27/2023	0.590	10.0		<0.590
MW-2AR	d	2-Methylphenol	95-48-7	ug/L	3/27/2023	0.650	10.0		<0.650
MW-2AR	d	2-Naphthylamine	91-59-8	ug/L	3/27/2023	2.10	10.0		<2.10
MW-2AR	d	2-Nitroaniline	88-74-4	ug/L	3/27/2023	5.90	10.0		<5.90
MW-2AR	d	2-Nitrophenol	88-75-5	ug/L	3/27/2023	6.80	10.0		<6.80
MW-2AR	d	3,3-Dichlorobenzidine	91-94-1	ug/L	3/27/2023	1.40	10.0		<1.40
MW-2AR	d	3,3-Dimethylbenzidine	119-93-7	ug/L	3/27/2023	1.50	10.0		<1.50
MW-2AR	d	3-Methylcholanthrene	56-49-5	ug/L	3/27/2023	0.320	10.0		<0.320
MW-2AR	d	3-Nitroaniline	99-09-2	ug/L	3/27/2023	2.70	10.0		<2.70
MW-2AR	d	4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/27/2023	6.90	10.0		<6.90
MW-2AR	d	4-Aminobiphenyl	92-67-1	ug/L	3/27/2023	2.20	10.0		<2.20
MW-2AR	d	4-Bromophenyl phenyl ether	101-55-3	ug/L	3/27/2023	0.700	10.0		<0.700
MW-2AR	d	4-Chloro-3-methylphenol	59-50-7	ug/L	3/27/2023	0.840	10.0		<0.840
MW-2AR	d	4-Chloroaniline	106-47-8	ug/L	3/27/2023	0.620	10.0		<0.620
MW-2AR	d	4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/27/2023	0.690	10.0		<0.690
MW-2AR	d	3/4-Methylphenol	T-34MP	ug/L	3/27/2023	0.700	10.0		<0.700
MW-2AR	d	4-Nitroaniline	100-01-6	ug/L	3/27/2023	1.30	10.0		<1.30
MW-2AR	d	4-Nitrophenol	100-02-7	ug/L	3/27/2023	7.60	10.0		<7.60
MW-2AR	d	5-Nitro-o-toluidine	99-55-8	ug/L	3/27/2023	2.80	10.0		<2.80
MW-2AR	d	7,12-Dimethylbenz [a] anthracene	57-97-6	ug/L	3/27/2023	1.90	10.0		<1.90
MW-2AR	d	Acenaphthene	83-32-9	ug/L	3/27/2023	0.640	10.0		<0.640
MW-2AR	d	Acenaphthylene	208-96-8	ug/L	3/27/2023	0.720	10.0		<0.720
MW-2AR	d	Acetophenone	98-86-2	ug/L	3/27/2023	0.690	10.0		<0.690
MW-2AR	d	Anthracene	120-12-7	ug/L	3/27/2023	0.870	10.0		<0.870
MW-2AR	d	Benzo [a] anthracene	56-55-3	ug/L	3/27/2023	0.850	10.0		<0.850
MW-2AR	d	Benzo [a] pyrene	50-32-8	ug/L	3/27/2023	8.10	10.0		<8.10
MW-2AR	d	Benzo [b] fluoranthene	205-99-2	ug/L	3/27/2023	4.90	10.0		<4.90
MW-2AR	d	Benzo [g,h,i] perylene	191-24-2	ug/L	3/27/2023	6.30	10.0		<6.30
MW-2AR	d	Benzo [k] fluoranthene	207-08-9	ug/L	3/27/2023	2.20	10.0		<2.20
MW-2AR	d	Benzyl alcohol	100-51-6	ug/L	3/27/2023	1.30	10.0		<1.30
MW-2AR	d	Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/27/2023	0.760	10.0		<0.760
MW-2AR	d	Bis[2-chloroethyl]ether	111-44-4	ug/L	3/27/2023	0.820	10.0		<0.820
MW-2AR	d	Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/27/2023	0.540	10.0		<0.540
MW-2AR	d	Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/27/2023	5.50	10.0		<5.50
MW-2AR	d	Butyl benzyl phthalate	85-68-7	ug/L	3/27/2023	5.40	10.0		<5.40
MW-2AR	d	Chlorobenzilate	510-15-6	ug/L	3/27/2023	3.60	10.0		<3.60
MW-2AR	d	Chrysene	218-01-9	ug/L	3/27/2023	0.870	10.0		<0.870
MW-2AR	d	Diallate [cis or trans]	2303-16-4	ug/L	3/27/2023	4.00	10.0		<4.00
MW-2AR	d	Dibenz [a,h] anthracene	53-70-3	ug/L	3/27/2023	3.90	10.0		<3.90
MW-2AR	d	Dibenzofuran	132-64-9	ug/L	3/27/2023	0.740	10.0		<0.740
MW-2AR	d	Diethyl phthalate	84-66-2	ug/L	3/27/2023	1.70	10.0		<1.70
MW-2AR	d	Dimethoate	60-51-5	ug/L	3/27/2023	3.60	10.0		<3.60
MW-2AR	d	Dimethyl phthalate	131-11-3	ug/L	3/27/2023	1.00	10.0		<1.00
MW-2AR	d	Di-n-butyl phthalate	84-74-2	ug/L	3/27/2023	5.60	10.0		<5.60
MW-2AR	d	Di-n-octyl phthalate	117-84-0	ug/L	3/27/2023	7.00	20.0		<7.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Dinoseb	88-85-7	ug/L	3/27/2023	2.40	10.0		<2.40
MW-2AR	d	Diphenylamine	122-39-4	ug/L	3/27/2023	6.00	10.0		<6.00
MW-2AR	d	Disulfoton	298-04-4	ug/L	3/27/2023	2.40	10.0		<2.40
MW-2AR	d	Ethyl Methanesulfonate	62-50-0	ug/L	3/27/2023	3.60	10.0		<3.60
MW-2AR	d	Parathion-Ethyl	56-38-2	ug/L	3/27/2023	2.20	10.0		<2.20
MW-2AR	d	Famphur	52-85-7	ug/L	3/27/2023	3.80	10.0		<3.80
MW-2AR	d	Fluoranthene	206-44-0	ug/L	3/27/2023	1.70	10.0		<1.70
MW-2AR	d	Fluorene	86-73-7	ug/L	3/27/2023	0.790	10.0		<0.790
MW-2AR	d	Hexachlorobenzene	118-74-1	ug/L	3/27/2023	0.700	10.0		<0.700
MW-2AR	d	Hexachlorobutadiene	87-68-3	ug/L	3/27/2023	0.860	10.0		<0.860
MW-2AR	d	Hexachlorocyclopentadiene	77-47-4	ug/L	3/27/2023	5.10	10.0		<5.10
MW-2AR	d	Hexachloroethane	67-72-1	ug/L	3/27/2023	0.970	10.0		<0.970
MW-2AR	d	Hexachloropropene	1888-71-7	ug/L	3/27/2023	2.60	10.0		<2.60
MW-2AR	d	Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/27/2023	4.20	10.0		<4.20
MW-2AR	d	Isodrin	465-73-6	ug/L	3/27/2023	4.70	10.0		<4.70
MW-2AR	d	Isophorone	78-59-1	ug/L	3/27/2023	0.930	10.0		<0.930
MW-2AR	d	Isosafrole	120-58-1	ug/L	3/27/2023	2.30	10.0		<2.30
MW-2AR	d	Kepone	143-50-0	ug/L	3/27/2023	1.00	10.0		<1.00
MW-2AR	d	Methapyrilene	91-80-5	ug/L	3/27/2023	0.760	10.0		<0.760
MW-2AR	d	Methyl Methanesulfonate	66-27-3	ug/L	3/27/2023	3.30	10.0		<3.30
MW-2AR	d	Parathion-Methyl	298-00-0	ug/L	3/27/2023	2.30	10.0		<2.30
MW-2AR	d	Nitrobenzene	98-95-3	ug/L	3/27/2023	0.800	10.0		<0.800
MW-2AR	d	N-Nitrosodiethylamine	55-18-5	ug/L	3/27/2023	3.40	10.0		<3.40
MW-2AR	d	N-Nitrosodimethylamine	62-75-9	ug/L	3/27/2023	0.720	10.0		<0.720
MW-2AR	d	N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/27/2023	3.90	10.0		<3.90
MW-2AR	d	N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/27/2023	0.920	10.0		<0.920
MW-2AR	d	N-Nitrosodiphenylamine	86-30-6	ug/L	3/27/2023	0.750	10.0		<0.750
MW-2AR	d	N-Nitrosomethylethylamine	10595-95-6	ug/L	3/27/2023	4.90	10.0		<4.90
MW-2AR	d	N-Nitrosopiperidine	100-75-4	ug/L	3/27/2023	2.70	10.0		<2.70
MW-2AR	d	N-Nitrosopyrrolidine	930-55-2	ug/L	3/27/2023	3.60	10.0		<3.60
MW-2AR	d	O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/27/2023	3.20	10.0		<3.20
MW-2AR	d	O-Toluidine	95-53-4	ug/L	3/27/2023	2.90	10.0		<2.90
MW-2AR	d	Dimethylaminoazobenzene	60-11-7	ug/L	3/27/2023	2.20	10.0		<2.20
MW-2AR	d	Pentachlorobenzene	608-93-5	ug/L	3/27/2023	2.80	10.0		<2.80
MW-2AR	d	Pentachloronitrobenzene	82-68-8	ug/L	3/27/2023	5.80	10.0		<5.80
MW-2AR	d	Pentachlorophenol [2C]	87-86-5	ug/L	3/27/2023	9.60	10.0		<9.60
MW-2AR	d	Phenacetin	62-44-2	ug/L	3/27/2023	1.90	10.0		<1.90
MW-2AR	d	Phenanthrene	85-01-8	ug/L	3/27/2023	0.790	10.0		<0.790
MW-2AR	d	Phenol	108-95-2	ug/L	3/27/2023	1.10	10.0		<1.10
MW-2AR	d	Phorate	298-02-2	ug/L	3/27/2023	3.20	10.0		<3.20
MW-2AR	d	Pronamide	23950-58-5	ug/L	3/27/2023	2.70	10.0		<2.70
MW-2AR	d	Pyrene	129-00-0	ug/L	3/27/2023	0.790	10.0		<0.790
MW-2AR	d	Safrole	94-59-7	ug/L	3/27/2023	2.80	10.0		<2.80
MW-2AR	d	Thionazin	297-97-2	ug/L	3/27/2023	3.50	10.0		<3.50
MW-2AR	d	Cyanide	57-12-5	mg/L	3/27/2023	0.00430	0.0100		<0.00430
MW-2AR	d	Sulfide	18496-25-8	mg/L	3/27/2023	0.231	1.00		<0.231
MW-2AR	d	Total Suspended Solids	TSS	mg/L	3/27/2023	5.10	15.0		74.0
MW-5AR	u	Antimony	7440-36-0	mg/L	3/27/2023	0.000690	0.00200		<0.000690
MW-5AR	u	Arsenic	7440-38-2	mg/L	3/27/2023	0.000750	0.00200		<0.000750
MW-5AR	u	Barium	7440-39-3	mg/L	3/27/2023	0.000880	0.00200		0.0349
MW-5AR	u	Beryllium	7440-41-7	mg/L	3/27/2023	0.000270	0.00100		<0.000270
MW-5AR	u	Cadmium	7440-43-9	mg/L	3/27/2023	0.0000550	0.000100		<0.0000550
MW-5AR	u	Chromium	7440-47-3	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-5AR	u	Cobalt	7440-48-4	mg/L	3/27/2023	0.000190	0.000500		<0.000190
MW-5AR	u	Copper	7440-50-8	mg/L	3/27/2023	0.00180	0.00500		<0.00180
MW-5AR	u	Lead	7439-92-1	mg/L	3/27/2023	0.000240	0.000500		<0.000240
MW-5AR	u	Nickel	7440-02-0	mg/L	3/27/2023	0.00190	0.00500		<0.00190
MW-5AR	u	Selenium	7782-49-2	mg/L	3/27/2023	0.000960	0.00500	J	0.00239
MW-5AR	u	Silver	7440-22-4	mg/L	3/27/2023	0.000490	0.00100		<0.000490
MW-5AR	u	Thallium	7440-28-0	mg/L	3/27/2023	0.000260	0.00100		<0.000260
MW-5AR	u	Vanadium	7440-62-2	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-5AR	u	Zinc	7440-66-6	mg/L	3/27/2023	0.0100	0.0200		<0.0100
MW-5AR	u	Acetone	67-64-1	ug/L	3/27/2023	3.10	10.0		<3.10
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	3/27/2023	2.20	10.0		<2.20
MW-5AR	u	Benzene	71-43-2	ug/L	3/27/2023	0.220	0.500		<0.220
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	3/27/2023	0.540	5.00		<0.540
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	3/27/2023	0.390	1.00		<0.390
MW-5AR	u	Bromoform	75-25-2	ug/L	3/27/2023	0.780	5.00		<0.780
MW-5AR	u	Bromomethane	74-83-9	ug/L	3/27/2023	1.10	4.00		<1.10
MW-5AR	u	2-Butanone	78-93-3	ug/L	3/27/2023	2.10	10.0		<2.10
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	3/27/2023	0.450	1.00		<0.450
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	3/27/2023	0.650	2.00		<0.650
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	3/27/2023	0.400	1.00		<0.400
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	3/27/2023	0.750	5.00		<0.750
MW-5AR	u	Chloroethane	75-00-3	ug/L	3/27/2023	0.790	4.00		<0.790
MW-5AR	u	Chloroform	67-66-3	ug/L	3/27/2023	1.30	3.00		<1.30
MW-5AR	u	Chloromethane	74-87-3	ug/L	3/27/2023	0.610	3.00		<0.610
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/27/2023	0.210	1.00		<0.210
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/27/2023	0.250	5.00		<0.250

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/27/2023	1.20	1.20		<1.20
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/27/2023	0.340	0.340		<0.340
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	3/27/2023	0.330	1.00		<0.330
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/27/2023	0.370	1.00		<0.370
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/27/2023	0.230	1.00		<0.230
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	3/27/2023	0.220	1.00		<0.220
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	3/27/2023	0.390	1.00		<0.390
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	3/27/2023	0.560	2.00		<0.560
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	3/27/2023	0.310	1.00		<0.310
MW-5AR	u	2-Hexanone	591-78-6	ug/L	3/27/2023	2.00	10.0		<2.00
MW-5AR	u	Iodomethane	74-88-4	ug/L	3/27/2023	7.00	10.0		<7.00
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	3/27/2023	1.70	5.00		<1.70
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/27/2023	2.10	10.0		<2.10
MW-5AR	u	Styrene	100-42-5	ug/L	3/27/2023	0.370	1.00		<0.370
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/27/2023	0.380	1.00		<0.380
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/27/2023	0.470	1.00		<0.470
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	3/27/2023	0.480	1.00		<0.480
MW-5AR	u	Toluene	108-88-3	ug/L	3/27/2023	0.430	1.00		<0.430
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/27/2023	1.10	10.0		<1.10
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/27/2023	0.560	5.00		<0.560
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/27/2023	0.190	1.00		<0.190
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/27/2023	0.450	1.00		<0.450
MW-5AR	u	Trichloroethene	79-01-6	ug/L	3/27/2023	0.430	1.00		<0.430
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	3/27/2023	0.380	4.00		<0.380
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/27/2023	0.590	1.00		<0.590
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	3/27/2023	2.50	10.0		<2.50
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	3/27/2023	0.180	1.00		<0.180
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	3/27/2023	0.400	3.00		<0.400
MW-5AR	u	Total Suspended Solids	TSS	mg/L	3/27/2023	0.638	1.88		2.13
MW-6A	u	Antimony	7440-36-0	mg/L	3/27/2023	0.000690	0.00200		<0.000690
MW-6A	u	Arsenic	7440-38-2	mg/L	3/27/2023	0.000750	0.00200		<0.000750
MW-6A	u	Barium	7440-39-3	mg/L	3/27/2023	0.000880	0.00200		0.257
MW-6A	u	Beryllium	7440-41-7	mg/L	3/27/2023	0.000270	0.00100		<0.000270
MW-6A	u	Cadmium	7440-43-9	mg/L	3/27/2023	0.0000550	0.000100		<0.0000550
MW-6A	u	Chromium	7440-47-3	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-6A	u	Cobalt	7440-48-4	mg/L	3/27/2023	0.000190	0.000500		<0.000190
MW-6A	u	Copper	7440-50-8	mg/L	3/27/2023	0.00180	0.00500		<0.00180
MW-6A	u	Lead	7439-92-1	mg/L	3/27/2023	0.000240	0.000500		<0.000240
MW-6A	u	Nickel	7440-02-0	mg/L	3/27/2023	0.00190	0.00500		<0.00190
MW-6A	u	Selenium	7782-49-2	mg/L	3/27/2023	0.000960	0.00500		<0.000960
MW-6A	u	Silver	7440-22-4	mg/L	3/27/2023	0.000490	0.00100		<0.000490
MW-6A	u	Thallium	7440-28-0	mg/L	3/27/2023	0.000260	0.00100		<0.000260
MW-6A	u	Vanadium	7440-62-2	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-6A	u	Zinc	7440-66-6	mg/L	3/27/2023	0.0100	0.0200		<0.0100
MW-6A	u	Acetone	67-64-1	ug/L	3/27/2023	3.10	10.0		<3.10
MW-6A	u	Acrylonitrile	107-13-1	ug/L	3/27/2023	2.20	10.0		<2.20
MW-6A	u	Benzene	71-43-2	ug/L	3/27/2023	0.220	0.500		<0.220
MW-6A	u	Bromochloromethane	74-97-5	ug/L	3/27/2023	0.540	5.00		<0.540
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	3/27/2023	0.390	1.00		<0.390
MW-6A	u	Bromoform	75-25-2	ug/L	3/27/2023	0.780	5.00		<0.780
MW-6A	u	Bromomethane	74-83-9	ug/L	3/27/2023	1.10	4.00		<1.10
MW-6A	u	2-Butanone	78-93-3	ug/L	3/27/2023	2.10	10.0		<2.10
MW-6A	u	Carbon Disulfide	75-15-0	ug/L	3/27/2023	0.450	1.00		<0.450
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	3/27/2023	0.650	2.00		<0.650
MW-6A	u	Chlorobenzene	108-90-7	ug/L	3/27/2023	0.400	1.00		<0.400
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	3/27/2023	0.750	5.00		<0.750
MW-6A	u	Chloroethane	75-00-3	ug/L	3/27/2023	0.790	4.00		<0.790
MW-6A	u	Chloroform	67-66-3	ug/L	3/27/2023	1.30	3.00		<1.30
MW-6A	u	Chloromethane	74-87-3	ug/L	3/27/2023	0.610	3.00		<0.610
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	3/27/2023	0.210	1.00		<0.210
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/27/2023	0.250	5.00		<0.250
MW-6A	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/27/2023	1.20	1.20		<1.20
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/27/2023	0.340	0.340		<0.340
MW-6A	u	Methylene Bromide	74-95-3	ug/L	3/27/2023	0.330	1.00		<0.330
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	3/27/2023	0.370	1.00		<0.370
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	3/27/2023	0.230	1.00		<0.230
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	3/27/2023	0.220	1.00		<0.220
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	3/27/2023	0.390	1.00		<0.390
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	3/27/2023	0.560	2.00		<0.560
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-6A	u	Ethylbenzene	100-41-4	ug/L	3/27/2023	0.310	1.00		<0.310
MW-6A	u	2-Hexanone	591-78-6	ug/L	3/27/2023	2.00	10.0		<2.00
MW-6A	u	Iodomethane	74-88-4	ug/L	3/27/2023	7.00	10.0		<7.00
MW-6A	u	Methylene Chloride	75-09-2	ug/L	3/27/2023	1.70	5.00		<1.70
MW-6A	u	4-Methyl-2-Pentanone	108-10-1	ug/L	3/27/2023	2.10	10.0		<2.10
MW-6A	u	Styrene	100-42-5	ug/L	3/27/2023	0.370	1.00		<0.370
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/27/2023	0.380	1.00		<0.380

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/27/2023	0.470	1.00		<0.470
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	3/27/2023	0.480	1.00		<0.480
MW-6A	u	Toluene	108-88-3	ug/L	3/27/2023	0.430	1.00		<0.430
MW-6A	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/27/2023	1.10	10.0		<1.10
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/27/2023	0.560	5.00		<0.560
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	3/27/2023	0.190	1.00		<0.190
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	3/27/2023	0.450	1.00		<0.450
MW-6A	u	Trichloroethene	79-01-6	ug/L	3/27/2023	0.430	1.00		<0.430
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	3/27/2023	0.380	4.00		<0.380
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	3/27/2023	0.590	1.00		<0.590
MW-6A	u	Vinyl Acetate	108-05-4	ug/L	3/27/2023	2.50	10.0		<2.50
MW-6A	u	Vinyl Chloride	75-01-4	ug/L	3/27/2023	0.180	1.00		<0.180
MW-6A	u	Xylenes, total	1330-20-7	ug/L	3/27/2023	0.400	3.00		<0.400
MW-6A	u	Total Suspended Solids	TSS	mg/L	3/27/2023	0.638	1.88	J	1.38
MW-9B	d	Antimony	7440-36-0	mg/L	3/27/2023	0.000690	0.00200		<0.000690
MW-9B	d	Arsenic	7440-38-2	mg/L	3/27/2023	0.000750	0.00200		0.00251
MW-9B	d	Barium	7440-39-3	mg/L	3/27/2023	0.000880	0.00200		0.0273
MW-9B	d	Beryllium	7440-41-7	mg/L	3/27/2023	0.000270	0.00100		<0.000270
MW-9B	d	Cadmium	7440-43-9	mg/L	3/27/2023	0.0000550	0.000100		0.000182
MW-9B	d	Chromium	7440-47-3	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-9B	d	Cobalt	7440-48-4	mg/L	3/27/2023	0.000190	0.000500		0.00328
MW-9B	d	Copper	7440-50-8	mg/L	3/27/2023	0.00180	0.00500		<0.00180
MW-9B	d	Lead	7439-92-1	mg/L	3/27/2023	0.000240	0.000500	J	0.000294
MW-9B	d	Nickel	7440-02-0	mg/L	3/27/2023	0.00190	0.00500	J	0.00486
MW-9B	d	Selenium	7782-49-2	mg/L	3/27/2023	0.000960	0.00500		<0.000960
MW-9B	d	Silver	7440-22-4	mg/L	3/27/2023	0.000490	0.00100		<0.000490
MW-9B	d	Thallium	7440-28-0	mg/L	3/27/2023	0.000260	0.00100		<0.000260
MW-9B	d	Vanadium	7440-62-2	mg/L	3/27/2023	0.00110	0.00500		<0.00110
MW-9B	d	Zinc	7440-66-6	mg/L	3/27/2023	0.0100	0.0200		<0.0100
MW-9B	d	Acetone	67-64-1	ug/L	3/27/2023	3.10	10.0		<3.10
MW-9B	d	Acrylonitrile	107-13-1	ug/L	3/27/2023	2.20	10.0		<2.20
MW-9B	d	Benzene	71-43-2	ug/L	3/27/2023	0.220	0.500		<0.220
MW-9B	d	Bromochloromethane	74-97-5	ug/L	3/27/2023	0.540	5.00		<0.540
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	3/27/2023	0.390	1.00		<0.390
MW-9B	d	Bromoform	75-25-2	ug/L	3/27/2023	0.780	5.00		<0.780
MW-9B	d	Bromomethane	74-83-9	ug/L	3/27/2023	1.10	4.00		<1.10
MW-9B	d	2-Butanone	78-93-3	ug/L	3/27/2023	2.10	10.0		<2.10
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	3/27/2023	0.450	1.00		<0.450
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	3/27/2023	0.650	2.00		<0.650
MW-9B	d	Chlorobenzene	108-90-7	ug/L	3/27/2023	0.400	1.00		<0.400
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	3/27/2023	0.750	5.00		<0.750
MW-9B	d	Chloroethane	75-00-3	ug/L	3/27/2023	0.790	4.00		<0.790
MW-9B	d	Chloroform	67-66-3	ug/L	3/27/2023	1.30	3.00		<1.30
MW-9B	d	Chloromethane	74-87-3	ug/L	3/27/2023	0.610	3.00		<0.610
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/27/2023	0.210	1.00		<0.210
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/27/2023	0.250	5.00		<0.250
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/27/2023	1.20	1.20		<1.20
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/27/2023	0.340	0.340		<0.340
MW-9B	d	Methylene Bromide	74-95-3	ug/L	3/27/2023	0.330	1.00		<0.330
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/27/2023	0.370	1.00		<0.370
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/27/2023	0.230	1.00		<0.230
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	3/27/2023	0.220	1.00		<0.220
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	3/27/2023	0.390	1.00		<0.390
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	3/27/2023	0.560	2.00		<0.560
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-9B	d	Ethylbenzene	100-41-4	ug/L	3/27/2023	0.310	1.00		<0.310
MW-9B	d	2-Hexanone	591-78-6	ug/L	3/27/2023	2.00	10.0		<2.00
MW-9B	d	Iodomethane	74-88-4	ug/L	3/27/2023	7.00	10.0		<7.00
MW-9B	d	Methylene Chloride	75-09-2	ug/L	3/27/2023	1.70	5.00		<1.70
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/27/2023	2.10	10.0		<2.10
MW-9B	d	Styrene	100-42-5	ug/L	3/27/2023	0.370	1.00		<0.370
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/27/2023	0.380	1.00		<0.380
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/27/2023	0.470	1.00		<0.470
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	3/27/2023	0.480	1.00		<0.480
MW-9B	d	Toluene	108-88-3	ug/L	3/27/2023	0.430	1.00		<0.430
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/27/2023	1.10	10.0		<1.10
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/27/2023	0.270	1.00		<0.270
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/27/2023	0.560	5.00		<0.560
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/27/2023	0.190	1.00		<0.190
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/27/2023	0.450	1.00		<0.450
MW-9B	d	Trichloroethene	79-01-6	ug/L	3/27/2023	0.430	1.00		<0.430
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	3/27/2023	0.380	4.00		<0.380
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/27/2023	0.590	1.00		<0.590
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	3/27/2023	2.50	10.0		<2.50
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	3/27/2023	0.180	1.00		<0.180
MW-9B	d	Xylenes, total	1330-20-7	ug/L	3/27/2023	0.400	3.00		<0.400
MW-9B	d	Total Suspended Solids	TSS	mg/L	3/27/2023	2.55	7.50		13.0
MW-12	d	Antimony	7440-36-0	mg/L	10/11/2023	0.00100	0.00200		<0.00100

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	Arsenic	7440-38-2	mg/L	10/11/2023	0.000530	0.00200	J	0.000729
MW-12	d	Barium	7440-39-3	mg/L	10/11/2023	0.000640	0.00200		0.0968
MW-12	d	Beryllium	7440-41-7	mg/L	10/11/2023	0.000330	0.00100		<0.000330
MW-12	d	Cadmium	7440-43-9	mg/L	10/11/2023	0.000100	0.000200		<0.000100
MW-12	d	Chromium	7440-47-3	mg/L	10/11/2023	0.00110	0.00500		<0.00110
MW-12	d	Cobalt	7440-48-4	mg/L	10/11/2023	0.000170	0.000500		0.00191
MW-12	d	Copper	7440-50-8	mg/L	10/11/2023	0.00180	0.00500		<0.00180
MW-12	d	Lead	7439-92-1	mg/L	10/11/2023	0.000240	0.000500		<0.000240
MW-12	d	Nickel	7440-02-0	mg/L	10/11/2023	0.00190	0.00500		0.0188
MW-12	d	Selenium	7782-49-2	mg/L	10/11/2023	0.00140	0.00500		<0.00140
MW-12	d	Silver	7440-22-4	mg/L	10/11/2023	0.000500	0.00100		<0.000500
MW-12	d	Thallium	7440-28-0	mg/L	10/11/2023	0.000260	0.00100		0.00123
MW-12	d	Vanadium	7440-62-2	mg/L	10/11/2023	0.00110	0.00500	J B	0.00180
MW-12	d	Zinc	7440-66-6	mg/L	10/11/2023	0.00640	0.0200		<0.00640
MW-12	d	Acetone	67-64-1	ug/L	10/11/2023	3.10	10.0		<3.10
MW-12	d	Acrylonitrile	107-13-1	ug/L	10/11/2023	2.20	10.0		<2.20
MW-12	d	Benzene	71-43-2	ug/L	10/11/2023	0.220	0.500		<0.220
MW-12	d	Bromochloromethane	74-97-5	ug/L	10/11/2023	0.540	5.00		<0.540
MW-12	d	Bromodichloromethane	75-27-4	ug/L	10/11/2023	0.390	1.00		<0.390
MW-12	d	Bromoform	75-25-2	ug/L	10/11/2023	0.780	5.00		<0.780
MW-12	d	Bromomethane	74-83-9	ug/L	10/11/2023	1.10	4.00		<1.10
MW-12	d	2-Butanone	78-93-3	ug/L	10/11/2023	2.10	10.0		<2.10
MW-12	d	Carbon Disulfide	75-15-0	ug/L	10/11/2023	0.450	1.00		<0.450
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	10/11/2023	0.650	2.00		<0.650
MW-12	d	Chlorobenzene	108-90-7	ug/L	10/11/2023	0.400	1.00		<0.400
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	10/11/2023	0.750	5.00		<0.750
MW-12	d	Chloroethane	75-00-3	ug/L	10/11/2023	0.790	4.00		<0.790
MW-12	d	Chloroform	67-66-3	ug/L	10/11/2023	1.30	3.00		<1.30
MW-12	d	Chloromethane	74-87-3	ug/L	10/11/2023	0.610	3.00		<0.610
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2023	0.210	1.00		<0.210
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2023	0.250	5.00		<0.250
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2023	1.20	1.20		<1.20
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/11/2023	0.340	0.340		<0.340
MW-12	d	Methylene Bromide	74-95-3	ug/L	10/11/2023	0.330	1.00		<0.330
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2023	0.370	1.00		<0.370
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2023	0.230	1.00		<0.230
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	10/11/2023	0.220	1.00		<0.220
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	10/11/2023	0.390	1.00		<0.390
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	10/11/2023	0.560	2.00		<0.560
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	10/11/2023	0.270	1.00		<0.270
MW-12	d	Ethylbenzene	100-41-4	ug/L	10/11/2023	0.310	1.00		<0.310
MW-12	d	2-Hexanone	591-78-6	ug/L	10/11/2023	2.00	10.0		<2.00
MW-12	d	Iodomethane	74-88-4	ug/L	10/11/2023	7.00	10.0		<7.00
MW-12	d	Methylene Chloride	75-09-2	ug/L	10/11/2023	1.70	5.00		<1.70
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/11/2023	2.10	10.0		<2.10
MW-12	d	Styrene	100-42-5	ug/L	10/11/2023	0.370	1.00		<0.370
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2023	0.380	1.00		<0.380
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2023	0.470	1.00		<0.470
MW-12	d	Tetrachloroethene	127-18-4	ug/L	10/11/2023	0.480	1.00		<0.480
MW-12	d	Toluene	108-88-3	ug/L	10/11/2023	0.430	1.00		<0.430
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2023	1.10	10.0		<1.10
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2023	0.270	1.00		<0.270
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2023	0.560	5.00		<0.560
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2023	0.190	1.00		<0.190
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2023	0.450	1.00		<0.450
MW-12	d	Trichloroethene	79-01-6	ug/L	10/11/2023	0.430	1.00		<0.430
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	10/11/2023	0.380	4.00		<0.380
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2023	0.590	1.00		<0.590
MW-12	d	Vinyl Acetate	108-05-4	ug/L	10/11/2023	2.50	10.0		<2.50
MW-12	d	Vinyl Chloride	75-01-4	ug/L	10/11/2023	0.180	1.00		<0.180
MW-12	d	Xylenes, total	1330-20-7	ug/L	10/11/2023	0.400	3.00		<0.400
MW-12	d	Total Suspended Solids	TSS	mg/L	10/11/2023	0.638	1.88		2.38
MW-1	u	Antimony	7440-36-0	mg/L	10/11/2023	0.00100	0.00200	F1	<0.00100
MW-1	u	Arsenic	7440-38-2	mg/L	10/11/2023	0.000530	0.00200		0.00509
MW-1	u	Barium	7440-39-3	mg/L	10/11/2023	0.000640	0.00200		0.113
MW-1	u	Beryllium	7440-41-7	mg/L	10/11/2023	0.000330	0.00100		<0.000330
MW-1	u	Cadmium	7440-43-9	mg/L	10/11/2023	0.000100	0.000200		<0.000100
MW-1	u	Chromium	7440-47-3	mg/L	10/11/2023	0.00110	0.00500		<0.00110
MW-1	u	Cobalt	7440-48-4	mg/L	10/11/2023	0.000170	0.000500		0.000564
MW-1	u	Copper	7440-50-8	mg/L	10/11/2023	0.00180	0.00500		<0.00180
MW-1	u	Lead	7439-92-1	mg/L	10/11/2023	0.000240	0.000500		<0.000240
MW-1	u	Nickel	7440-02-0	mg/L	10/11/2023	0.00190	0.00500	J	0.00280
MW-1	u	Selenium	7782-49-2	mg/L	10/11/2023	0.00140	0.00500		<0.00140
MW-1	u	Silver	7440-22-4	mg/L	10/11/2023	0.000500	0.00100		<0.000500
MW-1	u	Thallium	7440-28-0	mg/L	10/11/2023	0.000260	0.00100	F1	0.0106
MW-1	u	Vanadium	7440-62-2	mg/L	10/11/2023	0.00110	0.00500	J B	0.00144
MW-1	u	Zinc	7440-66-6	mg/L	10/11/2023	0.00640	0.0200		<0.00640
MW-1	u	Acetone	67-64-1	ug/L	10/11/2023	3.10	10.0		<3.10
MW-1	u	Acrylonitrile	107-13-1	ug/L	10/11/2023	2.20	10.0		<2.20

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	u	Benzene	71-43-2	ug/L	10/11/2023	0.220	0.500		<0.220
MW-1	u	Bromochloromethane	74-97-5	ug/L	10/11/2023	0.540	5.00		<0.540
MW-1	u	Bromodichloromethane	75-27-4	ug/L	10/11/2023	0.390	1.00		<0.390
MW-1	u	Bromoform	75-25-2	ug/L	10/11/2023	0.780	5.00		<0.780
MW-1	u	Bromomethane	74-83-9	ug/L	10/11/2023	1.10	4.00		<1.10
MW-1	u	2-Butanone	78-93-3	ug/L	10/11/2023	2.10	10.0		<2.10
MW-1	u	Carbon Disulfide	75-15-0	ug/L	10/11/2023	0.450	1.00		<0.450
MW-1	u	Carbon Tetrachloride	56-23-5	ug/L	10/11/2023	0.650	2.00		<0.650
MW-1	u	Chlorobenzene	108-90-7	ug/L	10/11/2023	0.400	1.00		<0.400
MW-1	u	Chlorodibromomethane	124-48-1	ug/L	10/11/2023	0.750	5.00		<0.750
MW-1	u	Chloroethane	75-00-3	ug/L	10/11/2023	0.790	4.00		<0.790
MW-1	u	Chloroform	67-66-3	ug/L	10/11/2023	1.30	3.00		<1.30
MW-1	u	Chloromethane	74-87-3	ug/L	10/11/2023	0.610	3.00		<0.610
MW-1	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2023	0.210	1.00		<0.210
MW-1	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2023	0.250	5.00		<0.250
MW-1	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2023	1.20	1.20		<1.20
MW-1	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/11/2023	0.340	0.340		<0.340
MW-1	u	Methylene Bromide	74-95-3	ug/L	10/11/2023	0.330	1.00		<0.330
MW-1	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2023	0.370	1.00		<0.370
MW-1	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2023	0.230	1.00		<0.230
MW-1	u	1,1-Dichloroethane	75-34-3	ug/L	10/11/2023	0.220	1.00		<0.220
MW-1	u	1,2-Dichloroethane	107-06-2	ug/L	10/11/2023	0.390	1.00		<0.390
MW-1	u	1,1-Dichloroethene	75-35-4	ug/L	10/11/2023	0.560	2.00		<0.560
MW-1	u	1,2-Dichloropropane	78-87-5	ug/L	10/11/2023	0.270	1.00		<0.270
MW-1	u	Ethylbenzene	100-41-4	ug/L	10/11/2023	0.310	1.00		<0.310
MW-1	u	2-Hexanone	591-78-6	ug/L	10/11/2023	2.00	10.0		<2.00
MW-1	u	Iodomethane	74-88-4	ug/L	10/11/2023	7.00	10.0		<7.00
MW-1	u	Methylene Chloride	75-09-2	ug/L	10/11/2023	1.70	5.00		<1.70
MW-1	u	4-Methyl-2-Pentanone	108-10-1	ug/L	10/11/2023	2.10	10.0		<2.10
MW-1	u	Styrene	100-42-5	ug/L	10/11/2023	0.370	1.00		<0.370
MW-1	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2023	0.380	1.00		<0.380
MW-1	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2023	0.470	1.00		<0.470
MW-1	u	Tetrachloroethene	127-18-4	ug/L	10/11/2023	0.480	1.00		<0.480
MW-1	u	Toluene	108-88-3	ug/L	10/11/2023	0.430	1.00		<0.430
MW-1	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2023	1.10	10.0		<1.10
MW-1	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2023	0.270	1.00		<0.270
MW-1	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2023	0.560	5.00		<0.560
MW-1	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2023	0.190	1.00		<0.190
MW-1	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2023	0.450	1.00		<0.450
MW-1	u	Trichloroethene	79-01-6	ug/L	10/11/2023	0.430	1.00		<0.430
MW-1	u	Trichlorofluoromethane	75-69-4	ug/L	10/11/2023	0.380	4.00		<0.380
MW-1	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2023	0.590	1.00		<0.590
MW-1	u	Vinyl Acetate	108-05-4	ug/L	10/11/2023	2.50	10.0		<2.50
MW-1	u	Vinyl Chloride	75-01-4	ug/L	10/11/2023	0.180	1.00		<0.180
MW-1	u	Xylenes, total	1330-20-7	ug/L	10/11/2023	0.400	3.00		<0.400
MW-1	u	Total Suspended Solids	TSS	mg/L	10/11/2023	0.638	1.88		2.50
MW-6A	u	Antimony	7440-36-0	mg/L	10/12/2023	0.00100	0.00200		<0.00100
MW-6A	u	Arsenic	7440-38-2	mg/L	10/12/2023	0.000530	0.00200		<0.000530
MW-6A	u	Barium	7440-39-3	mg/L	10/12/2023	0.000640	0.00200		0.257
MW-6A	u	Beryllium	7440-41-7	mg/L	10/12/2023	0.000330	0.00100		<0.000330
MW-6A	u	Cadmium	7440-43-9	mg/L	10/12/2023	0.000100	0.000200		<0.000100
MW-6A	u	Chromium	7440-47-3	mg/L	10/12/2023	0.00110	0.00500		<0.00110
MW-6A	u	Cobalt	7440-48-4	mg/L	10/12/2023	0.000170	0.000500		<0.000170
MW-6A	u	Copper	7440-50-8	mg/L	10/12/2023	0.00180	0.00500		<0.00180
MW-6A	u	Lead	7439-92-1	mg/L	10/12/2023	0.000240	0.000500		<0.000240
MW-6A	u	Nickel	7440-02-0	mg/L	10/12/2023	0.00190	0.00500		<0.00190
MW-6A	u	Selenium	7782-49-2	mg/L	10/12/2023	0.00140	0.00500		<0.00140
MW-6A	u	Silver	7440-22-4	mg/L	10/12/2023	0.000500	0.00100		<0.000500
MW-6A	u	Thallium	7440-28-0	mg/L	10/12/2023	0.000260	0.00100		<0.000260
MW-6A	u	Vanadium	7440-62-2	mg/L	10/12/2023	0.00110	0.00500	J B	0.00152
MW-6A	u	Zinc	7440-66-6	mg/L	10/12/2023	0.00640	0.0200		<0.00640
MW-6A	u	Iron	7439-89-6	mg/L	10/12/2023	0.0360	0.100	J	0.0400
MW-6A	u	Manganese	7439-96-5	mg/L	10/12/2023	0.00360	0.0100	J	0.00716
MW-6A	u	Acetone	67-64-1	ug/L	10/12/2023	3.10	10.0		<3.10
MW-6A	u	Acrylonitrile	107-13-1	ug/L	10/12/2023	2.20	10.0		<2.20
MW-6A	u	Benzene	71-43-2	ug/L	10/12/2023	0.220	0.500		<0.220
MW-6A	u	Bromochloromethane	74-97-5	ug/L	10/12/2023	0.540	5.00		<0.540
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	10/12/2023	0.390	1.00		<0.390
MW-6A	u	Bromoform	75-25-2	ug/L	10/12/2023	0.780	5.00		<0.780
MW-6A	u	Bromomethane	74-83-9	ug/L	10/12/2023	1.10	4.00		<1.10
MW-6A	u	2-Butanone	78-93-3	ug/L	10/12/2023	2.10	10.0		<2.10
MW-6A	u	Carbon Disulfide	75-15-0	ug/L	10/12/2023	0.450	1.00		<0.450
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	10/12/2023	0.650	2.00		<0.650
MW-6A	u	Chlorobenzene	108-90-7	ug/L	10/12/2023	0.400	1.00		<0.400
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	10/12/2023	0.750	5.00		<0.750
MW-6A	u	Chloroethane	75-00-3	ug/L	10/12/2023	0.790	4.00		<0.790
MW-6A	u	Chloroform	67-66-3	ug/L	10/12/2023	1.30	3.00		<1.30
MW-6A	u	Chloromethane	74-87-3	ug/L	10/12/2023	0.610	3.00		<0.610
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/12/2023	0.210	1.00		<0.210

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/12/2023	0.250	5.00		<0.250
MW-6A	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/12/2023	1.20	1.20		<1.20
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/12/2023	0.340	0.340		<0.340
MW-6A	u	Methylene Bromide	74-95-3	ug/L	10/12/2023	0.330	1.00		<0.330
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/12/2023	0.370	1.00		<0.370
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/12/2023	0.230	1.00		<0.230
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	10/12/2023	0.220	1.00		<0.220
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	10/12/2023	0.390	1.00		<0.390
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	10/12/2023	0.560	2.00		<0.560
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-6A	u	Ethylbenzene	100-41-4	ug/L	10/12/2023	0.310	1.00		<0.310
MW-6A	u	2-Hexanone	591-78-6	ug/L	10/12/2023	2.00	10.0		<2.00
MW-6A	u	Iodomethane	74-88-4	ug/L	10/12/2023	7.00	10.0		<7.00
MW-6A	u	Methylene Chloride	75-09-2	ug/L	10/12/2023	1.70	5.00		<1.70
MW-6A	u	4-Methyl-2-Pentanone	108-10-1	ug/L	10/12/2023	2.10	10.0		<2.10
MW-6A	u	Styrene	100-42-5	ug/L	10/12/2023	0.370	1.00		<0.370
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/12/2023	0.380	1.00		<0.380
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/12/2023	0.470	1.00		<0.470
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	10/12/2023	0.480	1.00		<0.480
MW-6A	u	Toluene	108-88-3	ug/L	10/12/2023	0.430	1.00		<0.430
MW-6A	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/12/2023	1.10	10.0		<1.10
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/12/2023	0.560	5.00		<0.560
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/12/2023	0.190	1.00		<0.190
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/12/2023	0.450	1.00		<0.450
MW-6A	u	Trichloroethene	79-01-6	ug/L	10/12/2023	0.430	1.00		<0.430
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	10/12/2023	0.380	4.00		<0.380
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/12/2023	0.590	1.00		<0.590
MW-6A	u	Vinyl Acetate	108-05-4	ug/L	10/12/2023	2.50	10.0		<2.50
MW-6A	u	Vinyl Chloride	75-01-4	ug/L	10/12/2023	0.180	1.00		<0.180
MW-6A	u	Xylenes, total	1330-20-7	ug/L	10/12/2023	0.400	3.00		<0.400
MW-6A	u	Sulfate	14808-79-8	mg/L	10/12/2023	2.10	5.00		24.6
MW-6A	u	Total Organic Carbon Quad	TOC_QUAD	mg/L	10/12/2023	0.470	1.00	J	0.723
MW-6A	u	Total Suspended Solids	TSS	mg/L	10/12/2023	0.638	1.88		6.13
MW-5AR	u	Antimony	7440-36-0	mg/L	10/12/2023	0.00100	0.00200		<0.00100
MW-5AR	u	Arsenic	7440-38-2	mg/L	10/12/2023	0.000530	0.00200	J	0.000568
MW-5AR	u	Barium	7440-39-3	mg/L	10/12/2023	0.000640	0.00200		0.0628
MW-5AR	u	Beryllium	7440-41-7	mg/L	10/12/2023	0.000330	0.00100		<0.000330
MW-5AR	u	Cadmium	7440-43-9	mg/L	10/12/2023	0.000100	0.000200	J	0.000105
MW-5AR	u	Chromium	7440-47-3	mg/L	10/12/2023	0.00110	0.00500		<0.00110
MW-5AR	u	Cobalt	7440-48-4	mg/L	10/12/2023	0.000170	0.000500		0.00135
MW-5AR	u	Copper	7440-50-8	mg/L	10/12/2023	0.00180	0.00500	J	0.00314
MW-5AR	u	Lead	7439-92-1	mg/L	10/12/2023	0.000240	0.000500	J	0.000442
MW-5AR	u	Nickel	7440-02-0	mg/L	10/12/2023	0.00190	0.00500	J	0.00384
MW-5AR	u	Selenium	7782-49-2	mg/L	10/12/2023	0.00140	0.00500		<0.00140
MW-5AR	u	Silver	7440-22-4	mg/L	10/12/2023	0.000500	0.00100		<0.000500
MW-5AR	u	Thallium	7440-28-0	mg/L	10/12/2023	0.000260	0.00100		<0.000260
MW-5AR	u	Vanadium	7440-62-2	mg/L	10/12/2023	0.00110	0.00500	J B	0.00158
MW-5AR	u	Zinc	7440-66-6	mg/L	10/12/2023	0.00640	0.0200	J	0.00934
MW-5AR	u	Iron	7439-89-6	mg/L	10/12/2023	0.0360	0.100		0.437
MW-5AR	u	Manganese	7439-96-5	mg/L	10/12/2023	0.00360	0.0100		0.289
MW-5AR	u	Acetone	67-64-1	ug/L	10/12/2023	3.10	10.0		<3.10
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	10/12/2023	2.20	10.0		<2.20
MW-5AR	u	Benzene	71-43-2	ug/L	10/12/2023	0.220	0.500		<0.220
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	10/12/2023	0.540	5.00		<0.540
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	10/12/2023	0.390	1.00		<0.390
MW-5AR	u	Bromoform	75-25-2	ug/L	10/12/2023	0.780	5.00		<0.780
MW-5AR	u	Bromomethane	74-83-9	ug/L	10/12/2023	1.10	4.00		<1.10
MW-5AR	u	2-Butanone	78-93-3	ug/L	10/12/2023	2.10	10.0		<2.10
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	10/12/2023	0.450	1.00		<0.450
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	10/12/2023	0.650	2.00		<0.650
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	10/12/2023	0.400	1.00		<0.400
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	10/12/2023	0.750	5.00		<0.750
MW-5AR	u	Chloroethane	75-00-3	ug/L	10/12/2023	0.790	4.00		<0.790
MW-5AR	u	Chloroform	67-66-3	ug/L	10/12/2023	1.30	3.00		<1.30
MW-5AR	u	Chloromethane	74-87-3	ug/L	10/12/2023	0.610	3.00		<0.610
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/12/2023	0.210	1.00		<0.210
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/12/2023	0.250	5.00		<0.250
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/12/2023	1.20	1.20		<1.20
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/12/2023	0.340	0.340		<0.340
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	10/12/2023	0.330	1.00		<0.330
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/12/2023	0.370	1.00		<0.370
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/12/2023	0.230	1.00		<0.230
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	10/12/2023	0.220	1.00		<0.220
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	10/12/2023	0.390	1.00		<0.390
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	10/12/2023	0.560	2.00		<0.560
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	10/12/2023	0.310	1.00		<0.310
MW-5AR	u	2-Hexanone	591-78-6	ug/L	10/12/2023	2.00	10.0		<2.00

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	Iodomethane	74-88-4	ug/L	10/12/2023	7.00	10.0		<7.00
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	10/12/2023	1.70	5.00		<1.70
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	10/12/2023	2.10	10.0		<2.10
MW-5AR	u	Styrene	100-42-5	ug/L	10/12/2023	0.370	1.00		<0.370
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/12/2023	0.380	1.00		<0.380
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/12/2023	0.470	1.00		<0.470
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	10/12/2023	0.480	1.00		<0.480
MW-5AR	u	Toluene	108-88-3	ug/L	10/12/2023	0.430	1.00		<0.430
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/12/2023	1.10	10.0		<1.10
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/12/2023	0.560	5.00		<0.560
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/12/2023	0.190	1.00		<0.190
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/12/2023	0.450	1.00		<0.450
MW-5AR	u	Trichloroethene	79-01-6	ug/L	10/12/2023	0.430	1.00		<0.430
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	10/12/2023	0.380	4.00		<0.380
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/12/2023	0.590	1.00		<0.590
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	10/12/2023	2.50	10.0		<2.50
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	10/12/2023	0.180	1.00		<0.180
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	10/12/2023	0.400	3.00		<0.400
MW-5AR	u	Sulfate	14808-79-8	mg/L	10/12/2023	2.10	5.00		182
MW-5AR	u	Total Organic Carbon Quad	TOC_QUAD	mg/L	10/12/2023	0.470	1.00		1.34
MW-5AR	u	Total Suspended Solids	TSS	mg/L	10/12/2023	0.638	1.88		9.38
MW-28	u	Antimony	7440-36-0	mg/L	10/12/2023	0.00100	0.00200		<0.00100
MW-28	u	Arsenic	7440-38-2	mg/L	10/12/2023	0.000530	0.00200		<0.000530
MW-28	u	Barium	7440-39-3	mg/L	10/12/2023	0.000640	0.00200		0.0645
MW-28	u	Beryllium	7440-41-7	mg/L	10/12/2023	0.000330	0.00100		<0.000330
MW-28	u	Cadmium	7440-43-9	mg/L	10/12/2023	0.000100	0.000200		0.000219
MW-28	u	Chromium	7440-47-3	mg/L	10/12/2023	0.00110	0.00500		<0.00110
MW-28	u	Cobalt	7440-48-4	mg/L	10/12/2023	0.000170	0.000500		<0.000170
MW-28	u	Copper	7440-50-8	mg/L	10/12/2023	0.00180	0.00500		<0.00180
MW-28	u	Lead	7439-92-1	mg/L	10/12/2023	0.000240	0.000500		<0.000240
MW-28	u	Nickel	7440-02-0	mg/L	10/12/2023	0.00190	0.00500		0.00852
MW-28	u	Selenium	7782-49-2	mg/L	10/12/2023	0.00140	0.00500		<0.00140
MW-28	u	Silver	7440-22-4	mg/L	10/12/2023	0.000500	0.00100		<0.000500
MW-28	u	Thallium	7440-28-0	mg/L	10/12/2023	0.000260	0.00100		<0.000260
MW-28	u	Vanadium	7440-62-2	mg/L	10/12/2023	0.00110	0.00500	J B	0.00154
MW-28	u	Zinc	7440-66-6	mg/L	10/12/2023	0.00640	0.0200		<0.00640
MW-28	u	Iron	7439-89-6	mg/L	10/12/2023	0.0360	0.100		<0.0360
MW-28	u	Manganese	7439-96-5	mg/L	10/12/2023	0.00360	0.0100		<0.00360
MW-28	u	Acetone	67-64-1	ug/L	10/12/2023	3.10	10.0		<3.10
MW-28	u	Acrylonitrile	107-13-1	ug/L	10/12/2023	2.20	10.0		<2.20
MW-28	u	Benzene	71-43-2	ug/L	10/12/2023	0.220	0.500		<0.220
MW-28	u	Bromochloromethane	74-97-5	ug/L	10/12/2023	0.540	5.00		<0.540
MW-28	u	Bromodichloromethane	75-27-4	ug/L	10/12/2023	0.390	1.00		<0.390
MW-28	u	Bromoform	75-25-2	ug/L	10/12/2023	0.780	5.00		<0.780
MW-28	u	Bromomethane	74-83-9	ug/L	10/12/2023	1.10	4.00		<1.10
MW-28	u	2-Butanone	78-93-3	ug/L	10/12/2023	2.10	10.0		<2.10
MW-28	u	Carbon Disulfide	75-15-0	ug/L	10/12/2023	0.450	1.00		<0.450
MW-28	u	Carbon Tetrachloride	56-23-5	ug/L	10/12/2023	0.650	2.00		<0.650
MW-28	u	Chlorobenzene	108-90-7	ug/L	10/12/2023	0.400	1.00		<0.400
MW-28	u	Chlorodibromomethane	124-48-1	ug/L	10/12/2023	0.750	5.00		<0.750
MW-28	u	Chloroethane	75-00-3	ug/L	10/12/2023	0.790	4.00		<0.790
MW-28	u	Chloroform	67-66-3	ug/L	10/12/2023	1.30	3.00		<1.30
MW-28	u	Chloromethane	74-87-3	ug/L	10/12/2023	0.610	3.00		<0.610
MW-28	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/12/2023	0.210	1.00		<0.210
MW-28	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/12/2023	0.250	5.00		<0.250
MW-28	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/12/2023	1.20	1.20		<1.20
MW-28	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/12/2023	0.340	0.340		<0.340
MW-28	u	Methylene Bromide	74-95-3	ug/L	10/12/2023	0.330	1.00		<0.330
MW-28	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/12/2023	0.370	1.00		<0.370
MW-28	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/12/2023	0.230	1.00		<0.230
MW-28	u	1,1-Dichloroethane	75-34-3	ug/L	10/12/2023	0.220	1.00		<0.220
MW-28	u	1,2-Dichloroethane	107-06-2	ug/L	10/12/2023	0.390	1.00		<0.390
MW-28	u	1,1-Dichloroethene	75-35-4	ug/L	10/12/2023	0.560	2.00		<0.560
MW-28	u	1,2-Dichloropropane	78-87-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-28	u	Ethylbenzene	100-41-4	ug/L	10/12/2023	0.310	1.00		<0.310
MW-28	u	2-Hexanone	591-78-6	ug/L	10/12/2023	2.00	10.0		<2.00
MW-28	u	Iodomethane	74-88-4	ug/L	10/12/2023	7.00	10.0		<7.00
MW-28	u	Methylene Chloride	75-09-2	ug/L	10/12/2023	1.70	5.00		<1.70
MW-28	u	4-Methyl-2-Pentanone	108-10-1	ug/L	10/12/2023	2.10	10.0		<2.10
MW-28	u	Styrene	100-42-5	ug/L	10/12/2023	0.370	1.00		<0.370
MW-28	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/12/2023	0.380	1.00		<0.380
MW-28	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/12/2023	0.470	1.00		<0.470
MW-28	u	Tetrachloroethene	127-18-4	ug/L	10/12/2023	0.480	1.00		<0.480
MW-28	u	Toluene	108-88-3	ug/L	10/12/2023	0.430	1.00		<0.430
MW-28	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/12/2023	1.10	10.0		<1.10
MW-28	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-28	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/12/2023	0.560	5.00		<0.560
MW-28	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/12/2023	0.190	1.00		<0.190

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/12/2023	0.450	1.00		<0.450
MW-28	u	Trichloroethene	79-01-6	ug/L	10/12/2023	0.430	1.00		<0.430
MW-28	u	Trichlorofluoromethane	75-69-4	ug/L	10/12/2023	0.380	4.00		<0.380
MW-28	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/12/2023	0.590	1.00		<0.590
MW-28	u	Vinyl Acetate	108-05-4	ug/L	10/12/2023	2.50	10.0		<2.50
MW-28	u	Vinyl Chloride	75-01-4	ug/L	10/12/2023	0.180	1.00		<0.180
MW-28	u	Xylenes, total	1330-20-7	ug/L	10/12/2023	0.400	3.00		<0.400
MW-28	u	Sulfate	14808-79-8	mg/L	10/12/2023	8.40	20.0		709
MW-28	u	Total Organic Carbon Quad	TOC_QUAD	mg/L	10/12/2023	0.470	1.00		1.93
MW-28	u	Total Suspended Solids	TSS	mg/L	10/12/2023	0.638	1.88		3.75
MW-9B	d	Antimony	7440-36-0	mg/L	10/12/2023	0.00100	0.00200		<0.00100
MW-9B	d	Arsenic	7440-38-2	mg/L	10/12/2023	0.000530	0.00200		0.00226
MW-9B	d	Barium	7440-39-3	mg/L	10/12/2023	0.000640	0.00200		0.0284
MW-9B	d	Beryllium	7440-41-7	mg/L	10/12/2023	0.000330	0.00100		<0.000330
MW-9B	d	Cadmium	7440-43-9	mg/L	10/12/2023	0.000100	0.000200	J	0.000146
MW-9B	d	Chromium	7440-47-3	mg/L	10/12/2023	0.00110	0.00500		<0.00110
MW-9B	d	Cobalt	7440-48-4	mg/L	10/12/2023	0.000170	0.000500		0.00541
MW-9B	d	Copper	7440-50-8	mg/L	10/12/2023	0.00180	0.00500		<0.00180
MW-9B	d	Lead	7439-92-1	mg/L	10/12/2023	0.000240	0.000500		<0.000240
MW-9B	d	Nickel	7440-02-0	mg/L	10/12/2023	0.00190	0.00500		0.00808
MW-9B	d	Selenium	7782-49-2	mg/L	10/12/2023	0.00140	0.00500		<0.00140
MW-9B	d	Silver	7440-22-4	mg/L	10/12/2023	0.000500	0.00100		<0.000500
MW-9B	d	Thallium	7440-28-0	mg/L	10/12/2023	0.000260	0.00100		0.0151
MW-9B	d	Vanadium	7440-62-2	mg/L	10/12/2023	0.00110	0.00500	J B	0.00192
MW-9B	d	Zinc	7440-66-6	mg/L	10/12/2023	0.00640	0.0200		<0.00640
MW-9B	d	Acetone	67-64-1	ug/L	10/12/2023	3.10	10.0		<3.10
MW-9B	d	Acrylonitrile	107-13-1	ug/L	10/12/2023	2.20	10.0		<2.20
MW-9B	d	Benzene	71-43-2	ug/L	10/12/2023	0.220	0.500		<0.220
MW-9B	d	Bromochloromethane	74-97-5	ug/L	10/12/2023	0.540	5.00		<0.540
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	10/12/2023	0.390	1.00		<0.390
MW-9B	d	Bromoform	75-25-2	ug/L	10/12/2023	0.780	5.00		<0.780
MW-9B	d	Bromomethane	74-83-9	ug/L	10/12/2023	1.10	4.00		<1.10
MW-9B	d	2-Butanone	78-93-3	ug/L	10/12/2023	2.10	10.0		<2.10
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	10/12/2023	0.450	1.00		<0.450
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	10/12/2023	0.650	2.00		<0.650
MW-9B	d	Chlorobenzene	108-90-7	ug/L	10/12/2023	0.400	1.00		<0.400
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	10/12/2023	0.750	5.00		<0.750
MW-9B	d	Chloroethane	75-00-3	ug/L	10/12/2023	0.790	4.00		<0.790
MW-9B	d	Chloroform	67-66-3	ug/L	10/12/2023	1.30	3.00		<1.30
MW-9B	d	Chloromethane	74-87-3	ug/L	10/12/2023	0.610	3.00		<0.610
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/12/2023	0.210	1.00		<0.210
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/12/2023	0.250	5.00		<0.250
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/12/2023	1.20	1.20		<1.20
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/12/2023	0.340	0.340		<0.340
MW-9B	d	Methylene Bromide	74-95-3	ug/L	10/12/2023	0.330	1.00		<0.330
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/12/2023	0.370	1.00		<0.370
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/12/2023	0.230	1.00		<0.230
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	10/12/2023	0.220	1.00		<0.220
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	10/12/2023	0.390	1.00		<0.390
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	10/12/2023	0.560	2.00		<0.560
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-9B	d	Ethylbenzene	100-41-4	ug/L	10/12/2023	0.310	1.00		<0.310
MW-9B	d	2-Hexanone	591-78-6	ug/L	10/12/2023	2.00	10.0		<2.00
MW-9B	d	Iodomethane	74-88-4	ug/L	10/12/2023	7.00	10.0		<7.00
MW-9B	d	Methylene Chloride	75-09-2	ug/L	10/12/2023	1.70	5.00		<1.70
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/12/2023	2.10	10.0		<2.10
MW-9B	d	Styrene	100-42-5	ug/L	10/12/2023	0.370	1.00		<0.370
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/12/2023	0.380	1.00		<0.380
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/12/2023	0.470	1.00		<0.470
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	10/12/2023	0.480	1.00		<0.480
MW-9B	d	Toluene	108-88-3	ug/L	10/12/2023	0.430	1.00		<0.430
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/12/2023	1.10	10.0		<1.10
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/12/2023	0.560	5.00		<0.560
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/12/2023	0.190	1.00		<0.190
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/12/2023	0.450	1.00		<0.450
MW-9B	d	Trichloroethene	79-01-6	ug/L	10/12/2023	0.430	1.00		<0.430
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	10/12/2023	0.380	4.00		<0.380
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/12/2023	0.590	1.00		<0.590
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	10/12/2023	2.50	10.0		<2.50
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	10/12/2023	0.180	1.00		<0.180
MW-9B	d	Xylenes, total	1330-20-7	ug/L	10/12/2023	0.400	3.00		<0.400
MW-9B	d	Total Suspended Solids	TSS	mg/L	10/12/2023	0.638	1.88		6.38
MW-2AR	d	Antimony	7440-36-0	mg/L	10/12/2023	0.00100	0.00200		<0.00100
MW-2AR	d	Arsenic	7440-38-2	mg/L	10/12/2023	0.000530	0.00200		0.0669
MW-2AR	d	Barium	7440-39-3	mg/L	10/12/2023	0.000640	0.00200		0.276
MW-2AR	d	Beryllium	7440-41-7	mg/L	10/12/2023	0.000330	0.00100		<0.000330
MW-2AR	d	Cadmium	7440-43-9	mg/L	10/12/2023	0.000100	0.000200		<0.000100
MW-2AR	d	Chromium	7440-47-3	mg/L	10/12/2023	0.00110	0.00500		<0.00110

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Cobalt	7440-48-4	mg/L	10/12/2023	0.000170	0.000500		0.00155
MW-2AR	d	Copper	7440-50-8	mg/L	10/12/2023	0.00180	0.00500		<0.00180
MW-2AR	d	Lead	7439-92-1	mg/L	10/12/2023	0.000240	0.000500		<0.000240
MW-2AR	d	Nickel	7440-02-0	mg/L	10/12/2023	0.00190	0.00500		0.0144
MW-2AR	d	Selenium	7782-49-2	mg/L	10/12/2023	0.00140	0.00500		<0.00140
MW-2AR	d	Silver	7440-22-4	mg/L	10/12/2023	0.000500	0.00100		<0.000500
MW-2AR	d	Thallium	7440-28-0	mg/L	10/12/2023	0.000260	0.00100		<0.000260
MW-2AR	d	Vanadium	7440-62-2	mg/L	10/12/2023	0.00110	0.00500	J B	0.00198
MW-2AR	d	Zinc	7440-66-6	mg/L	10/12/2023	0.00640	0.0200		<0.00640
MW-2AR	d	Iron	7439-89-6	mg/L	10/12/2023	0.0360	0.100		39.3
MW-2AR	d	Manganese	7439-96-5	mg/L	10/12/2023	0.00360	0.0100		2.02
MW-2AR	d	Acetone	67-64-1	ug/L	10/12/2023	3.10	10.0		<3.10
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	10/12/2023	2.20	10.0		<2.20
MW-2AR	d	Benzene	71-43-2	ug/L	10/12/2023	0.220	0.500	J	0.256
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	10/12/2023	0.540	5.00		<0.540
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	10/12/2023	0.390	1.00		<0.390
MW-2AR	d	Bromoform	75-25-2	ug/L	10/12/2023	0.780	5.00		<0.780
MW-2AR	d	Bromomethane	74-83-9	ug/L	10/12/2023	1.10	4.00		<1.10
MW-2AR	d	2-Butanone	78-93-3	ug/L	10/12/2023	2.10	10.0		<2.10
MW-2AR	d	Carbon Disulfide	75-15-0	ug/L	10/12/2023	0.450	1.00		<0.450
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	10/12/2023	0.650	2.00		<0.650
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	10/12/2023	0.400	1.00		1.42
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	10/12/2023	0.750	5.00		<0.750
MW-2AR	d	Chloroethane	75-00-3	ug/L	10/12/2023	0.790	4.00	J	1.43
MW-2AR	d	Chloroform	67-66-3	ug/L	10/12/2023	1.30	3.00		<1.30
MW-2AR	d	Chloromethane	74-87-3	ug/L	10/12/2023	0.610	3.00		<0.610
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/12/2023	0.210	1.00		<0.210
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/12/2023	0.250	5.00		<0.250
MW-2AR	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/12/2023	1.20	1.20		<1.20
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/12/2023	0.340	0.340		<0.340
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	10/12/2023	0.330	1.00		<0.330
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/12/2023	0.370	1.00		<0.370
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/12/2023	0.230	1.00		1.26
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	10/12/2023	0.220	1.00		<0.220
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	10/12/2023	0.390	1.00		<0.390
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	10/12/2023	0.560	2.00		<0.560
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	10/12/2023	0.310	1.00		<0.310
MW-2AR	d	2-Hexanone	591-78-6	ug/L	10/12/2023	2.00	10.0		<2.00
MW-2AR	d	Iodomethane	74-88-4	ug/L	10/12/2023	7.00	10.0		<7.00
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	10/12/2023	1.70	5.00		<1.70
MW-2AR	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/12/2023	2.10	10.0		<2.10
MW-2AR	d	Styrene	100-42-5	ug/L	10/12/2023	0.370	1.00		<0.370
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/12/2023	0.380	1.00		<0.380
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/12/2023	0.470	1.00		<0.470
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	10/12/2023	0.480	1.00		<0.480
MW-2AR	d	Toluene	108-88-3	ug/L	10/12/2023	0.430	1.00		<0.430
MW-2AR	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/12/2023	1.10	10.0		<1.10
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/12/2023	0.270	1.00		<0.270
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/12/2023	0.560	5.00		<0.560
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/12/2023	0.190	1.00		<0.190
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/12/2023	0.450	1.00		<0.450
MW-2AR	d	Trichloroethene	79-01-6	ug/L	10/12/2023	0.430	1.00		<0.430
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	10/12/2023	0.380	4.00		<0.380
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/12/2023	0.590	1.00		<0.590
MW-2AR	d	Vinyl Acetate	108-05-4	ug/L	10/12/2023	2.50	10.0		<2.50
MW-2AR	d	Vinyl Chloride	75-01-4	ug/L	10/12/2023	0.180	1.00		<0.180
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	10/12/2023	0.400	3.00		<0.400
MW-2AR	d	Sulfate	14808-79-8	mg/L	10/12/2023	2.10	5.00		221
MW-2AR	d	Total Organic Carbon Quad	TOC_QUAD	mg/L	10/12/2023	0.470	1.00		19.7
MW-2AR	d	Total Suspended Solids	TSS	mg/L	10/12/2023	5.10	15.0		105
MW-26	d	Arsenic	7440-38-2	mg/L	10/13/2023	0.000530	0.00200		0.0196
MW-26	d	Iron	7439-89-6	mg/L	10/13/2023	0.0360	0.100		27.3
MW-26	d	Manganese	7439-96-5	mg/L	10/13/2023	0.00360	0.0100		3.79
MW-26	d	Sulfate	14808-79-8	mg/L	10/13/2023	2.10	5.00		172
MW-26	d	Total Organic Carbon Quad	TOC_QUAD	mg/L	10/13/2023	0.470	1.00		3.46
MW-26	d	Total Suspended Solids	TSS	mg/L	10/13/2023	5.10	15.0		443
MW-20	d	Arsenic	7440-38-2	mg/L	10/13/2023	0.000530	0.00200		0.0476
MW-20	d	Iron	7439-89-6	mg/L	10/13/2023	0.0360	0.100		47
MW-20	d	Manganese	7439-96-5	mg/L	10/13/2023	0.0144	0.0400		5.72
MW-20	d	Sulfate	14808-79-8	mg/L	10/13/2023	2.10	5.00		287
MW-20	d	Total Organic Carbon Quad	TOC_QUAD	mg/L	10/13/2023	0.470	1.00		6.44
MW-20	d	Total Suspended Solids	TSS	mg/L	10/13/2023	20.4	60.0		3200
MW-21	d	Arsenic	7440-38-2	mg/L	10/13/2023	0.000530	0.00200		0.0097
MW-21	d	Iron	7439-89-6	mg/L	10/13/2023	0.0360	0.100		20.3
MW-21	d	Manganese	7439-96-5	mg/L	10/13/2023	0.00360	0.0100		4.18
MW-21	d	Sulfate	14808-79-8	mg/L	10/13/2023	2.10	5.00		183
MW-21	d	Total Organic Carbon Quad	TOC_QUAD	mg/L	10/13/2023	0.470	1.00		15.2
MW-21	d	Total Suspended Solids	TSS	mg/L	10/13/2023	5.10	15.0		198

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-17	d	Antimony	7440-36-0	mg/L	10/13/2023	0.00100	0.00200		<0.00100
MW-17	d	Arsenic	7440-38-2	mg/L	10/13/2023	0.000530	0.00200	J	0.00165
MW-17	d	Barium	7440-39-3	mg/L	10/13/2023	0.000640	0.00200		0.0723
MW-17	d	Beryllium	7440-41-7	mg/L	10/13/2023	0.000330	0.00100		<0.000330
MW-17	d	Cadmium	7440-43-9	mg/L	10/13/2023	0.000100	0.000200		<0.000100
MW-17	d	Chromium	7440-47-3	mg/L	10/13/2023	0.00110	0.00500		<0.00110
MW-17	d	Cobalt	7440-48-4	mg/L	10/13/2023	0.000170	0.000500	J	0.000213
MW-17	d	Copper	7440-50-8	mg/L	10/13/2023	0.00180	0.00500	J	0.00233
MW-17	d	Lead	7439-92-1	mg/L	10/13/2023	0.000240	0.000500		<0.000240
MW-17	d	Nickel	7440-02-0	mg/L	10/13/2023	0.00190	0.00500		<0.00190
MW-17	d	Selenium	7782-49-2	mg/L	10/13/2023	0.00140	0.00500	J	0.00346
MW-17	d	Silver	7440-22-4	mg/L	10/13/2023	0.000500	0.00100		<0.000500
MW-17	d	Thallium	7440-28-0	mg/L	10/13/2023	0.000260	0.00100		<0.000260
MW-17	d	Vanadium	7440-62-2	mg/L	10/13/2023	0.00110	0.00500	J B	0.00239
MW-17	d	Zinc	7440-66-6	mg/L	10/13/2023	0.00640	0.0200		0.0427
MW-17	d	Acetone	67-64-1	ug/L	10/13/2023	3.10	10.0	J	6.13
MW-17	d	Acrylonitrile	107-13-1	ug/L	10/13/2023	2.20	10.0		<2.20
MW-17	d	Benzene	71-43-2	ug/L	10/13/2023	0.220	0.500		<0.220
MW-17	d	Bromochloromethane	74-97-5	ug/L	10/13/2023	0.540	5.00		<0.540
MW-17	d	Bromodichloromethane	75-27-4	ug/L	10/13/2023	0.390	1.00		<0.390
MW-17	d	Bromoform	75-25-2	ug/L	10/13/2023	0.780	5.00		<0.780
MW-17	d	Bromomethane	74-83-9	ug/L	10/13/2023	1.10	4.00		<1.10
MW-17	d	2-Butanone	78-93-3	ug/L	10/13/2023	2.10	10.0		<2.10
MW-17	d	Carbon Disulfide	75-15-0	ug/L	10/13/2023	0.450	1.00		<0.450
MW-17	d	Carbon Tetrachloride	56-23-5	ug/L	10/13/2023	0.650	2.00		<0.650
MW-17	d	Chlorobenzene	108-90-7	ug/L	10/13/2023	0.400	1.00		<0.400
MW-17	d	Chlorodibromomethane	124-48-1	ug/L	10/13/2023	0.750	5.00		<0.750
MW-17	d	Chloroethane	75-00-3	ug/L	10/13/2023	0.790	4.00		<0.790
MW-17	d	Chloroform	67-66-3	ug/L	10/13/2023	1.30	3.00		<1.30
MW-17	d	Chloromethane	74-87-3	ug/L	10/13/2023	0.610	3.00		<0.610
MW-17	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/13/2023	0.210	1.00		<0.210
MW-17	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/13/2023	0.250	5.00		<0.250
MW-17	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/13/2023	1.20	1.20		<1.20
MW-17	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/13/2023	0.340	0.340		<0.340
MW-17	d	Methylene Bromide	74-95-3	ug/L	10/13/2023	0.330	1.00		<0.330
MW-17	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/13/2023	0.370	1.00		<0.370
MW-17	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/13/2023	0.230	1.00		<0.230
MW-17	d	1,1-Dichloroethane	75-34-3	ug/L	10/13/2023	0.220	1.00		<0.220
MW-17	d	1,2-Dichloroethane	107-06-2	ug/L	10/13/2023	0.390	1.00		<0.390
MW-17	d	1,1-Dichloroethene	75-35-4	ug/L	10/13/2023	0.560	2.00		<0.560
MW-17	d	1,2-Dichloropropane	78-87-5	ug/L	10/13/2023	0.270	1.00		<0.270
MW-17	d	Ethylbenzene	100-41-4	ug/L	10/13/2023	0.310	1.00		<0.310
MW-17	d	2-Hexanone	591-78-6	ug/L	10/13/2023	2.00	10.0		<2.00
MW-17	d	Iodomethane	74-88-4	ug/L	10/13/2023	7.00	10.0		<7.00
MW-17	d	Methylene Chloride	75-09-2	ug/L	10/13/2023	1.70	5.00		<1.70
MW-17	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/13/2023	2.10	10.0		<2.10
MW-17	d	Styrene	100-42-5	ug/L	10/13/2023	0.370	1.00		<0.370
MW-17	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/13/2023	0.380	1.00		<0.380
MW-17	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/13/2023	0.470	1.00		<0.470
MW-17	d	Tetrachloroethene	127-18-4	ug/L	10/13/2023	0.480	1.00		<0.480
MW-17	d	Toluene	108-88-3	ug/L	10/13/2023	0.430	1.00		<0.430
MW-17	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/13/2023	1.10	10.0		<1.10
MW-17	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/13/2023	0.270	1.00		<0.270
MW-17	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/13/2023	0.560	5.00		<0.560
MW-17	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/13/2023	0.190	1.00		<0.190
MW-17	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/13/2023	0.450	1.00		<0.450
MW-17	d	Trichloroethene	79-01-6	ug/L	10/13/2023	0.430	1.00		<0.430
MW-17	d	Trichlorofluoromethane	75-69-4	ug/L	10/13/2023	0.380	4.00		<0.380
MW-17	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/13/2023	0.590	1.00		<0.590
MW-17	d	Vinyl Acetate	108-05-4	ug/L	10/13/2023	2.50	10.0		<2.50
MW-17	d	Vinyl Chloride	75-01-4	ug/L	10/13/2023	0.180	1.00		<0.180
MW-17	d	Xylenes, total	1330-20-7	ug/L	10/13/2023	0.400	3.00		<0.400
MW-17	d	Total Suspended Solids	TSS	mg/L	10/13/2023	0.638	1.88		49.9
MW-18	d	Antimony	7440-36-0	mg/L	10/13/2023	0.00100	0.00200		<0.00100
MW-18	d	Arsenic	7440-38-2	mg/L	10/13/2023	0.000530	0.00200	J	0.00101
MW-18	d	Barium	7440-39-3	mg/L	10/13/2023	0.000640	0.00200		0.0722
MW-18	d	Beryllium	7440-41-7	mg/L	10/13/2023	0.000330	0.00100		<0.000330
MW-18	d	Cadmium	7440-43-9	mg/L	10/13/2023	0.000100	0.000200		<0.000100
MW-18	d	Chromium	7440-47-3	mg/L	10/13/2023	0.00110	0.00500		<0.00110
MW-18	d	Cobalt	7440-48-4	mg/L	10/13/2023	0.000170	0.000500	J	0.000246
MW-18	d	Copper	7440-50-8	mg/L	10/13/2023	0.00180	0.00500	J	0.00278
MW-18	d	Lead	7439-92-1	mg/L	10/13/2023	0.000240	0.000500		<0.000240
MW-18	d	Nickel	7440-02-0	mg/L	10/13/2023	0.00190	0.00500	J	0.00229
MW-18	d	Selenium	7782-49-2	mg/L	10/13/2023	0.00140	0.00500		0.0232
MW-18	d	Silver	7440-22-4	mg/L	10/13/2023	0.000500	0.00100		<0.000500
MW-18	d	Thallium	7440-28-0	mg/L	10/13/2023	0.000260	0.00100		<0.000260
MW-18	d	Vanadium	7440-62-2	mg/L	10/13/2023	0.00110	0.00500	J B	0.00231
MW-18	d	Zinc	7440-66-6	mg/L	10/13/2023	0.00640	0.0200	J	0.0133
MW-18	d	Acetone	67-64-1	ug/L	10/13/2023	3.10	10.0	J	8.32

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-18	d	Acrylonitrile	107-13-1	ug/L	10/13/2023	2.20	10.0		<2.20
MW-18	d	Benzene	71-43-2	ug/L	10/13/2023	0.220	0.500		<0.220
MW-18	d	Bromochloromethane	74-97-5	ug/L	10/13/2023	0.540	5.00		<0.540
MW-18	d	Bromodichloromethane	75-27-4	ug/L	10/13/2023	0.390	1.00		<0.390
MW-18	d	Bromoform	75-25-2	ug/L	10/13/2023	0.780	5.00		<0.780
MW-18	d	Bromomethane	74-83-9	ug/L	10/13/2023	1.10	4.00		<1.10
MW-18	d	2-Butanone	78-93-3	ug/L	10/13/2023	2.10	10.0		<2.10
MW-18	d	Carbon Disulfide	75-15-0	ug/L	10/13/2023	0.450	1.00		<0.450
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	10/13/2023	0.650	2.00		<0.650
MW-18	d	Chlorobenzene	108-90-7	ug/L	10/13/2023	0.400	1.00		<0.400
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	10/13/2023	0.750	5.00		<0.750
MW-18	d	Chloroethane	75-00-3	ug/L	10/13/2023	0.790	4.00		<0.790
MW-18	d	Chloroform	67-66-3	ug/L	10/13/2023	1.30	3.00		<1.30
MW-18	d	Chloromethane	74-87-3	ug/L	10/13/2023	0.610	3.00		<0.610
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/13/2023	0.210	1.00		<0.210
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/13/2023	0.250	5.00		<0.250
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/13/2023	1.20	1.20		<1.20
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/13/2023	0.340	0.340		<0.340
MW-18	d	Methylene Bromide	74-95-3	ug/L	10/13/2023	0.330	1.00		<0.330
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/13/2023	0.370	1.00		<0.370
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/13/2023	0.230	1.00		<0.230
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	10/13/2023	0.220	1.00		<0.220
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	10/13/2023	0.390	1.00		<0.390
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	10/13/2023	0.560	2.00		<0.560
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	10/13/2023	0.270	1.00		<0.270
MW-18	d	Ethylbenzene	100-41-4	ug/L	10/13/2023	0.310	1.00		<0.310
MW-18	d	2-Hexanone	591-78-6	ug/L	10/13/2023	2.00	10.0		<2.00
MW-18	d	Iodomethane	74-88-4	ug/L	10/13/2023	7.00	10.0		<7.00
MW-18	d	Methylene Chloride	75-09-2	ug/L	10/13/2023	1.70	5.00		<1.70
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/13/2023	2.10	10.0		<2.10
MW-18	d	Styrene	100-42-5	ug/L	10/13/2023	0.370	1.00		<0.370
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/13/2023	0.380	1.00		<0.380
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/13/2023	0.470	1.00		<0.470
MW-18	d	Tetrachloroethene	127-18-4	ug/L	10/13/2023	0.480	1.00		<0.480
MW-18	d	Toluene	108-88-3	ug/L	10/13/2023	0.430	1.00		<0.430
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/13/2023	1.10	10.0		<1.10
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/13/2023	0.270	1.00		<0.270
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/13/2023	0.560	5.00		<0.560
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/13/2023	0.190	1.00		<0.190
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/13/2023	0.450	1.00		<0.450
MW-18	d	Trichloroethene	79-01-6	ug/L	10/13/2023	0.430	1.00		<0.430
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	10/13/2023	0.380	4.00		<0.380
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/13/2023	0.590	1.00		<0.590
MW-18	d	Vinyl Acetate	108-05-4	ug/L	10/13/2023	2.50	10.0		<2.50
MW-18	d	Vinyl Chloride	75-01-4	ug/L	10/13/2023	0.180	1.00		<0.180
MW-18	d	Xylenes, total	1330-20-7	ug/L	10/13/2023	0.400	3.00		<0.400
MW-18	d	Total Suspended Solids	TSS	mg/L	10/13/2023	0.638	1.88		27.4
MW-18	d	Antimony	7440-36-0	mg/L	12/5/2023	0.00100	0.00200		<0.00100
MW-18	d	Arsenic	7440-38-2	mg/L	12/5/2023	0.000530	0.00200	J	0.0015
MW-18	d	Barium	7440-39-3	mg/L	12/5/2023	0.000640	0.00200		0.0661
MW-18	d	Beryllium	7440-41-7	mg/L	12/5/2023	0.000330	0.00100		<0.000330
MW-18	d	Cadmium	7440-43-9	mg/L	12/5/2023	0.000100	0.000200		<0.000100
MW-18	d	Chromium	7440-47-3	mg/L	12/5/2023	0.00110	0.00500	J B	0.00122
MW-18	d	Cobalt	7440-48-4	mg/L	12/5/2023	0.000170	0.000500		0.000722
MW-18	d	Copper	7440-50-8	mg/L	12/5/2023	0.00180	0.00500	J	0.00203
MW-18	d	Lead	7439-92-1	mg/L	12/5/2023	0.000240	0.000500		<0.000240
MW-18	d	Nickel	7440-02-0	mg/L	12/5/2023	0.00190	0.00500		0.00519
MW-18	d	Selenium	7782-49-2	mg/L	12/5/2023	0.00140	0.00500		0.00688
MW-18	d	Silver	7440-22-4	mg/L	12/5/2023	0.000500	0.00100		<0.000500
MW-18	d	Thallium	7440-28-0	mg/L	12/5/2023	0.000260	0.00100		<0.000260
MW-18	d	Vanadium	7440-62-2	mg/L	12/5/2023	0.00110	0.00500		<0.00110
MW-18	d	Zinc	7440-66-6	mg/L	12/5/2023	0.00640	0.0200		0.0229
MW-18	d	Acetone	67-64-1	ug/L	12/5/2023	3.10	10.0		<3.10
MW-18	d	Acrylonitrile	107-13-1	ug/L	12/5/2023	2.20	10.0		<2.20
MW-18	d	Benzene	71-43-2	ug/L	12/5/2023	0.220	0.500		<0.220
MW-18	d	Bromochloromethane	74-97-5	ug/L	12/5/2023	0.540	5.00		<0.540
MW-18	d	Bromodichloromethane	75-27-4	ug/L	12/5/2023	0.390	1.00		<0.390
MW-18	d	Bromoform	75-25-2	ug/L	12/5/2023	0.780	5.00		<0.780
MW-18	d	Bromomethane	74-83-9	ug/L	12/5/2023	1.10	4.00		<1.10
MW-18	d	2-Butanone	78-93-3	ug/L	12/5/2023	2.10	10.0		<2.10
MW-18	d	Carbon Disulfide	75-15-0	ug/L	12/5/2023	0.450	1.00		<0.450
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	12/5/2023	0.650	2.00		<0.650
MW-18	d	Chlorobenzene	108-90-7	ug/L	12/5/2023	0.400	1.00		<0.400
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	12/5/2023	0.750	5.00		<0.750
MW-18	d	Chloroethane	75-00-3	ug/L	12/5/2023	0.790	4.00		<0.790
MW-18	d	Chloroform	67-66-3	ug/L	12/5/2023	1.30	3.00		<1.30
MW-18	d	Chloromethane	74-87-3	ug/L	12/5/2023	0.610	3.00		<0.610
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/5/2023	0.210	1.00		<0.210
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/5/2023	0.250	5.00		<0.250

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/5/2023	1.20	1.20		<1.20
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/5/2023	0.340	0.340		<0.340
MW-18	d	Methylene Bromide	74-95-3	ug/L	12/5/2023	0.330	1.00		<0.330
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/5/2023	0.370	1.00		<0.370
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/5/2023	0.230	1.00		<0.230
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	12/5/2023	0.220	1.00		<0.220
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	12/5/2023	0.390	1.00		<0.390
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	12/5/2023	0.560	2.00		<0.560
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	12/5/2023	0.270	1.00		<0.270
MW-18	d	Ethylbenzene	100-41-4	ug/L	12/5/2023	0.310	1.00		<0.310
MW-18	d	2-Hexanone	591-78-6	ug/L	12/5/2023	2.00	10.0		<2.00
MW-18	d	Iodomethane	74-88-4	ug/L	12/5/2023	7.00	10.0		<7.00
MW-18	d	Methylene Chloride	75-09-2	ug/L	12/5/2023	1.70	5.00		<1.70
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/5/2023	2.10	10.0		<2.10
MW-18	d	Styrene	100-42-5	ug/L	12/5/2023	0.370	1.00		<0.370
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/5/2023	0.380	1.00		<0.380
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/5/2023	0.470	1.00		<0.470
MW-18	d	Tetrachloroethene	127-18-4	ug/L	12/5/2023	0.480	1.00		<0.480
MW-18	d	Toluene	108-88-3	ug/L	12/5/2023	0.430	1.00		<0.430
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/5/2023	1.10	10.0		<1.10
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/5/2023	0.270	1.00		<0.270
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/5/2023	0.560	5.00		<0.560
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/5/2023	0.190	1.00		<0.190
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/5/2023	0.450	1.00		<0.450
MW-18	d	Trichloroethene	79-01-6	ug/L	12/5/2023	0.430	1.00		<0.430
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	12/5/2023	0.380	4.00		<0.380
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/5/2023	0.590	1.00		<0.590
MW-18	d	Vinyl Acetate	108-05-4	ug/L	12/5/2023	2.50	10.0		<2.50
MW-18	d	Vinyl Chloride	75-01-4	ug/L	12/5/2023	0.180	1.00		<0.180
MW-18	d	Xylenes, total	1330-20-7	ug/L	12/5/2023	0.400	3.00		<0.400
MW-17	d	Antimony	7440-36-0	mg/L	12/5/2023	0.00100	0.00200		<0.00100
MW-17	d	Arsenic	7440-38-2	mg/L	12/5/2023	0.000530	0.00200	J	0.000767
MW-17	d	Barium	7440-39-3	mg/L	12/5/2023	0.000640	0.00200		0.0765
MW-17	d	Beryllium	7440-41-7	mg/L	12/5/2023	0.000330	0.00100		<0.000330
MW-17	d	Cadmium	7440-43-9	mg/L	12/5/2023	0.000100	0.000200		<0.000100
MW-17	d	Chromium	7440-47-3	mg/L	12/5/2023	0.00110	0.00500		<0.00110
MW-17	d	Cobalt	7440-48-4	mg/L	12/5/2023	0.000170	0.000500		<0.000170
MW-17	d	Copper	7440-50-8	mg/L	12/5/2023	0.00180	0.00500		<0.00180
MW-17	d	Lead	7439-92-1	mg/L	12/5/2023	0.000240	0.000500		<0.000240
MW-17	d	Nickel	7440-02-0	mg/L	12/5/2023	0.00190	0.00500	J	0.0043
MW-17	d	Selenium	7782-49-2	mg/L	12/5/2023	0.00140	0.00500	J	0.00207
MW-17	d	Silver	7440-22-4	mg/L	12/5/2023	0.000500	0.00100		<0.000500
MW-17	d	Thallium	7440-28-0	mg/L	12/5/2023	0.000260	0.00100		<0.000260
MW-17	d	Vanadium	7440-62-2	mg/L	12/5/2023	0.00110	0.00500	J	0.00124
MW-17	d	Zinc	7440-66-6	mg/L	12/5/2023	0.00640	0.0200		<0.00640
MW-17	d	Acetone	67-64-1	ug/L	12/5/2023	3.10	10.0		<3.10
MW-17	d	Acrylonitrile	107-13-1	ug/L	12/5/2023	2.20	10.0		<2.20
MW-17	d	Benzene	71-43-2	ug/L	12/5/2023	0.220	0.500		<0.220
MW-17	d	Bromochloromethane	74-97-5	ug/L	12/5/2023	0.540	5.00		<0.540
MW-17	d	Bromodichloromethane	75-27-4	ug/L	12/5/2023	0.390	1.00		<0.390
MW-17	d	Bromoform	75-25-2	ug/L	12/5/2023	0.780	5.00		<0.780
MW-17	d	Bromomethane	74-83-9	ug/L	12/5/2023	1.10	4.00		<1.10
MW-17	d	2-Butanone	78-93-3	ug/L	12/5/2023	2.10	10.0		<2.10
MW-17	d	Carbon Disulfide	75-15-0	ug/L	12/5/2023	0.450	1.00		<0.450
MW-17	d	Carbon Tetrachloride	56-23-5	ug/L	12/5/2023	0.650	2.00		<0.650
MW-17	d	Chlorobenzene	108-90-7	ug/L	12/5/2023	0.400	1.00		<0.400
MW-17	d	Chlorodibromomethane	124-48-1	ug/L	12/5/2023	0.750	5.00		<0.750
MW-17	d	Chloroethane	75-00-3	ug/L	12/5/2023	0.790	4.00		<0.790
MW-17	d	Chloroform	67-66-3	ug/L	12/5/2023	1.30	3.00		<1.30
MW-17	d	Chloromethane	74-87-3	ug/L	12/5/2023	0.610	3.00		<0.610
MW-17	d	cis-1,2-Dichloroethene	156-59-2	ug/L	12/5/2023	0.210	1.00		<0.210
MW-17	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	12/5/2023	0.250	5.00		<0.250
MW-17	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/5/2023	1.20	1.20		<1.20
MW-17	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/5/2023	0.340	0.340		<0.340
MW-17	d	Methylene Bromide	74-95-3	ug/L	12/5/2023	0.330	1.00		<0.330
MW-17	d	1,2-Dichlorobenzene	95-50-1	ug/L	12/5/2023	0.370	1.00		<0.370
MW-17	d	1,4-Dichlorobenzene	106-46-7	ug/L	12/5/2023	0.230	1.00		<0.230
MW-17	d	1,1-Dichloroethane	75-34-3	ug/L	12/5/2023	0.220	1.00		<0.220
MW-17	d	1,2-Dichloroethane	107-06-2	ug/L	12/5/2023	0.390	1.00		<0.390
MW-17	d	1,1-Dichloroethene	75-35-4	ug/L	12/5/2023	0.560	2.00		<0.560
MW-17	d	1,2-Dichloropropane	78-87-5	ug/L	12/5/2023	0.270	1.00		<0.270
MW-17	d	Ethylbenzene	100-41-4	ug/L	12/5/2023	0.310	1.00		<0.310
MW-17	d	2-Hexanone	591-78-6	ug/L	12/5/2023	2.00	10.0		<2.00
MW-17	d	Iodomethane	74-88-4	ug/L	12/5/2023	7.00	10.0		<7.00
MW-17	d	Methylene Chloride	75-09-2	ug/L	12/5/2023	1.70	5.00		<1.70
MW-17	d	4-Methyl-2-Pentanone	108-10-1	ug/L	12/5/2023	2.10	10.0		<2.10
MW-17	d	Styrene	100-42-5	ug/L	12/5/2023	0.370	1.00		<0.370
MW-17	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/5/2023	0.380	1.00		<0.380
MW-17	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/5/2023	0.470	1.00		<0.470

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-17	d	Tetrachloroethene	127-18-4	ug/L	12/5/2023	0.480	1.00		<0.480
MW-17	d	Toluene	108-88-3	ug/L	12/5/2023	0.430	1.00		<0.430
MW-17	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/5/2023	1.10	10.0		<1.10
MW-17	d	trans-1,2-Dichloroethene	156-60-5	ug/L	12/5/2023	0.270	1.00		<0.270
MW-17	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	12/5/2023	0.560	5.00		<0.560
MW-17	d	1,1,1-Trichloroethane	71-55-6	ug/L	12/5/2023	0.190	1.00		<0.190
MW-17	d	1,1,2-Trichloroethane	79-00-5	ug/L	12/5/2023	0.450	1.00		<0.450
MW-17	d	Trichloroethene	79-01-6	ug/L	12/5/2023	0.430	1.00		<0.430
MW-17	d	Trichlorofluoromethane	75-69-4	ug/L	12/5/2023	0.380	4.00		<0.380
MW-17	d	1,2,3-Trichloropropane	96-18-4	ug/L	12/5/2023	0.590	1.00		<0.590
MW-17	d	Vinyl Acetate	108-05-4	ug/L	12/5/2023	2.50	10.0		<2.50
MW-17	d	Vinyl Chloride	75-01-4	ug/L	12/5/2023	0.180	1.00		<0.180
MW-17	d	Xylenes, total	1330-20-7	ug/L	12/5/2023	0.400	3.00		<0.400
MW-17	d	Total Suspended Solids	TSS	mg/L	12/5/2023	0.850	2.50		43.3
MW-17	d	Antimony	7440-36-0	mg/L	3/29/2024	0.00100	0.00200		<0.00200
MW-17	d	Arsenic	7440-38-2	mg/L	3/29/2024	0.000530	0.00200	J	0.0018
MW-17	d	Barium	7440-39-3	mg/L	3/29/2024	0.000640	0.00200		0.092
MW-17	d	Beryllium	7440-41-7	mg/L	3/29/2024	0.000330	0.00100		<0.00100
MW-17	d	Cadmium	7440-43-9	mg/L	3/29/2024	0.000100	0.000200		<0.000200
MW-17	d	Chromium	7440-47-3	mg/L	3/29/2024	0.00110	0.00500		<0.00500
MW-17	d	Cobalt	7440-48-4	mg/L	3/29/2024	0.000170	0.000500		0.00473
MW-17	d	Copper	7440-50-8	mg/L	3/29/2024	0.00180	0.00500		<0.00500
MW-17	d	Lead	7439-92-1	mg/L	3/29/2024	0.000240	0.000500	J	0.000387
MW-17	d	Nickel	7440-02-0	mg/L	3/29/2024	0.00190	0.00500		0.00982
MW-17	d	Selenium	7782-49-2	mg/L	3/29/2024	0.00140	0.00500		<0.00500
MW-17	d	Silver	7440-22-4	mg/L	3/29/2024	0.000500	0.00100		<0.00100
MW-17	d	Thallium	7440-28-0	mg/L	3/29/2024	0.000260	0.00100		<0.00100
MW-17	d	Vanadium	7440-62-2	mg/L	3/29/2024	0.00110	0.00500		<0.00500
MW-17	d	Zinc	7440-66-6	mg/L	3/29/2024	0.00640	0.0200		<0.0200
MW-17	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2024	0.380	1.00		<1.00
MW-17	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2024	0.190	1.00		<1.00
MW-17	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2024	0.470	1.00		<1.00
MW-17	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2024	0.450	1.00		<1.00
MW-17	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2024	0.220	1.00		<1.00
MW-17	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2024	0.560	2.00		<2.00
MW-17	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2024	0.590	1.00		<1.00
MW-17	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/29/2024	1.20	1.20		<1.20
MW-17	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2024	0.340	0.340		<0.340
MW-17	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2024	0.370	1.00		<1.00
MW-17	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2024	0.390	1.00		<1.00
MW-17	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2024	0.270	1.00		<1.00
MW-17	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2024	0.230	1.00		<1.00
MW-17	d	2-Butanone	78-93-3	ug/L	3/29/2024	2.10	10.0		<10.0
MW-17	d	2-Hexanone	591-78-6	ug/L	3/29/2024	2.00	10.0		<10.0
MW-17	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/29/2024	2.10	10.0		<10.0
MW-17	d	Acetone	67-64-1	ug/L	3/29/2024	3.10	10.0		<10.0
MW-17	d	Acrylonitrile	107-13-1	ug/L	3/29/2024	2.20	10.0		<10.0
MW-17	d	Benzene	71-43-2	ug/L	3/29/2024	0.220	0.500		<0.500
MW-17	d	Bromochloromethane	74-97-5	ug/L	3/29/2024	0.540	5.00		<5.00
MW-17	d	Bromodichloromethane	75-27-4	ug/L	3/29/2024	0.390	1.00		<1.00
MW-17	d	Bromoform	75-25-2	ug/L	3/29/2024	0.780	5.00		<5.00
MW-17	d	Bromomethane	74-83-9	ug/L	3/29/2024	1.10	4.00		<4.00
MW-17	d	Carbon Disulfide	75-15-0	ug/L	3/29/2024	0.450	1.00		<1.00
MW-17	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2024	0.650	2.00		<2.00
MW-17	d	Chlorobenzene	108-90-7	ug/L	3/29/2024	0.400	1.00		<1.00
MW-17	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2024	0.750	5.00		<5.00
MW-17	d	Chloroethane	75-00-3	ug/L	3/29/2024	0.790	4.00		<4.00
MW-17	d	Chloroform	67-66-3	ug/L	3/29/2024	1.30	3.00		<3.00
MW-17	d	Chloromethane	74-87-3	ug/L	3/29/2024	0.610	3.00		<3.00
MW-17	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2024	0.210	1.00		<1.00
MW-17	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2024	0.250	5.00		<5.00
MW-17	d	Methylene Bromide	74-95-3	ug/L	3/29/2024	0.330	1.00		<1.00
MW-17	d	Ethylbenzene	100-41-4	ug/L	3/29/2024	0.310	1.00		<1.00
MW-17	d	Iodomethane	74-88-4	ug/L	3/29/2024	7.00	10.0		<10.0
MW-17	d	Methylene Chloride	75-09-2	ug/L	3/29/2024	1.70	5.00		<5.00
MW-17	d	Styrene	100-42-5	ug/L	3/29/2024	0.370	1.00		<1.00
MW-17	d	Tetrachloroethene	127-18-4	ug/L	3/29/2024	0.480	1.00		<1.00
MW-17	d	Toluene	108-88-3	ug/L	3/29/2024	0.430	1.00		<1.00
MW-17	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2024	0.270	1.00		<1.00
MW-17	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2024	0.560	5.00		<5.00
MW-17	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/29/2024	1.10	10.0		<10.0
MW-17	d	Trichloroethene	79-01-6	ug/L	3/29/2024	0.430	1.00		<1.00
MW-17	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2024	0.380	4.00		<4.00
MW-17	d	Vinyl Acetate	108-05-4	ug/L	3/29/2024	2.50	10.0		<10.0
MW-17	d	Vinyl Chloride	75-01-4	ug/L	3/29/2024	0.180	1.00		<1.00
MW-17	d	Xylenes, total	1330-20-7	ug/L	3/29/2024	0.400	3.00		<3.00
MW-17	d	Total Suspended Solids	TSS	mg/L	3/29/2024	1.28	3.75		43.8
MW-18	d	Antimony	7440-36-0	mg/L	3/29/2024	0.00100	0.00200		<0.00200
MW-18	d	Arsenic	7440-38-2	mg/L	3/29/2024	0.000530	0.00200		0.00318

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-18	d	Barium	7440-39-3	mg/L	3/29/2024	0.000640	0.00200		0.0829
MW-18	d	Beryllium	7440-41-7	mg/L	3/29/2024	0.000330	0.00100		<0.00100
MW-18	d	Cadmium	7440-43-9	mg/L	3/29/2024	0.000100	0.000200		<0.000200
MW-18	d	Chromium	7440-47-3	mg/L	3/29/2024	0.00110	0.00500		<0.00500
MW-18	d	Cobalt	7440-48-4	mg/L	3/29/2024	0.000170	0.000500		0.00263
MW-18	d	Copper	7440-50-8	mg/L	3/29/2024	0.00180	0.00500		<0.00500
MW-18	d	Lead	7439-92-1	mg/L	3/29/2024	0.000240	0.000500		0.000667
MW-18	d	Nickel	7440-02-0	mg/L	3/29/2024	0.00190	0.00500		0.00593
MW-18	d	Selenium	7782-49-2	mg/L	3/29/2024	0.00140	0.00500		<0.00500
MW-18	d	Silver	7440-22-4	mg/L	3/29/2024	0.000500	0.00100		<0.00100
MW-18	d	Thallium	7440-28-0	mg/L	3/29/2024	0.000260	0.00100		<0.00100
MW-18	d	Vanadium	7440-62-2	mg/L	3/29/2024	0.00110	0.00500	J	0.00146
MW-18	d	Zinc	7440-66-6	mg/L	3/29/2024	0.00640	0.0200		<0.0200
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/29/2024	0.380	1.00		<1.00
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	3/29/2024	0.190	1.00		<1.00
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/29/2024	0.470	1.00		<1.00
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	3/29/2024	0.450	1.00		<1.00
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	3/29/2024	0.220	1.00		<1.00
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	3/29/2024	0.560	2.00		<2.00
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	3/29/2024	0.590	1.00		<1.00
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/29/2024	1.20	1.20		<1.20
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/29/2024	0.340	0.340		<0.340
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	3/29/2024	0.370	1.00		<1.00
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	3/29/2024	0.390	1.00		<1.00
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	3/29/2024	0.270	1.00		<1.00
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	3/29/2024	0.230	1.00		<1.00
MW-18	d	2-Butanone	78-93-3	ug/L	3/29/2024	2.10	10.0		<10.0
MW-18	d	2-Hexanone	591-78-6	ug/L	3/29/2024	2.00	10.0		<10.0
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	3/29/2024	2.10	10.0		<10.0
MW-18	d	Acetone	67-64-1	ug/L	3/29/2024	3.10	10.0		<10.0
MW-18	d	Acrylonitrile	107-13-1	ug/L	3/29/2024	2.20	10.0		<10.0
MW-18	d	Benzene	71-43-2	ug/L	3/29/2024	0.220	0.500		<0.500
MW-18	d	Bromochloromethane	74-97-5	ug/L	3/29/2024	0.540	5.00		<5.00
MW-18	d	Bromodichloromethane	75-27-4	ug/L	3/29/2024	0.390	1.00		<1.00
MW-18	d	Bromoform	75-25-2	ug/L	3/29/2024	0.780	5.00		<5.00
MW-18	d	Bromomethane	74-83-9	ug/L	3/29/2024	1.10	4.00		<4.00
MW-18	d	Carbon Disulfide	75-15-0	ug/L	3/29/2024	0.450	1.00		<1.00
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	3/29/2024	0.650	2.00		<2.00
MW-18	d	Chlorobenzene	108-90-7	ug/L	3/29/2024	0.400	1.00		<1.00
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	3/29/2024	0.750	5.00		<5.00
MW-18	d	Chloroethane	75-00-3	ug/L	3/29/2024	0.790	4.00		<4.00
MW-18	d	Chloroform	67-66-3	ug/L	3/29/2024	1.30	3.00		<3.00
MW-18	d	Chloromethane	74-87-3	ug/L	3/29/2024	0.610	3.00		<3.00
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	3/29/2024	0.210	1.00		<1.00
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	3/29/2024	0.250	5.00		<5.00
MW-18	d	Methylene Bromide	74-95-3	ug/L	3/29/2024	0.330	1.00		<1.00
MW-18	d	Ethylbenzene	100-41-4	ug/L	3/29/2024	0.310	1.00		<1.00
MW-18	d	Iodomethane	74-88-4	ug/L	3/29/2024	7.00	10.0		<10.0
MW-18	d	Methylene Chloride	75-09-2	ug/L	3/29/2024	1.70	5.00		<5.00
MW-18	d	Styrene	100-42-5	ug/L	3/29/2024	0.370	1.00		<1.00
MW-18	d	Tetrachloroethene	127-18-4	ug/L	3/29/2024	0.480	1.00		<1.00
MW-18	d	Toluene	108-88-3	ug/L	3/29/2024	0.430	1.00		<1.00
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	3/29/2024	0.270	1.00		<1.00
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	3/29/2024	0.560	5.00		<5.00
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/29/2024	1.10	10.0		<10.0
MW-18	d	Trichloroethene	79-01-6	ug/L	3/29/2024	0.430	1.00		<1.00
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	3/29/2024	0.380	4.00		<4.00
MW-18	d	Vinyl Acetate	108-05-4	ug/L	3/29/2024	2.50	10.0		<10.0
MW-18	d	Vinyl Chloride	75-01-4	ug/L	3/29/2024	0.180	1.00		<1.00
MW-18	d	Xylenes, total	1330-20-7	ug/L	3/29/2024	0.400	3.00		<3.00
MW-18	d	Total Suspended Solids	TSS	mg/L	3/29/2024	0.638	1.88		20.1
MW-17	d	Antimony	7440-36-0	mg/L	5/6/2024	0.00100	0.00200		<0.00100
MW-17	d	Arsenic	7440-38-2	mg/L	5/6/2024	0.000530	0.00200		0.00511
MW-17	d	Barium	7440-39-3	mg/L	5/6/2024	0.000660	0.00200		0.182
MW-17	d	Beryllium	7440-41-7	mg/L	5/6/2024	0.000330	0.00100		<0.000330
MW-17	d	Cadmium	7440-43-9	mg/L	5/6/2024	0.000100	0.000200		0.000317
MW-17	d	Chromium	7440-47-3	mg/L	5/6/2024	0.00120	0.00500		<0.00120
MW-17	d	Cobalt	7440-48-4	mg/L	5/6/2024	0.000170	0.000500		0.00822
MW-17	d	Copper	7440-50-8	mg/L	5/6/2024	0.00180	0.00500		0.012
MW-17	d	Lead	7439-92-1	mg/L	5/6/2024	0.000260	0.000500		0.00216
MW-17	d	Nickel	7440-02-0	mg/L	5/6/2024	0.00210	0.00500		0.0107
MW-17	d	Selenium	7782-49-2	mg/L	5/6/2024	0.00140	0.00500		<0.00140
MW-17	d	Silver	7440-22-4	mg/L	5/6/2024	0.000500	0.00100		<0.000500
MW-17	d	Thallium	7440-28-0	mg/L	5/6/2024	0.000570	0.00100		<0.000570
MW-17	d	Vanadium	7440-62-2	mg/L	5/6/2024	0.00110	0.00500		<0.00110
MW-17	d	Zinc	7440-66-6	mg/L	5/6/2024	0.00970	0.0200		<0.00970
MW-17	d	Acetone	67-64-1	ug/L	5/6/2024	3.10	10.0		193
MW-17	d	Acrylonitrile	107-13-1	ug/L	5/6/2024	2.20	10.0		<2.20
MW-17	d	Benzene	71-43-2	ug/L	5/6/2024	0.220	0.500		<0.220

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-17	d	Bromochloromethane	74-97-5	ug/L	5/6/2024	0.540	5.00		<0.540
MW-17	d	Bromodichloromethane	75-27-4	ug/L	5/6/2024	0.390	1.00		<0.390
MW-17	d	Bromoform	75-25-2	ug/L	5/6/2024	0.780	5.00		<0.780
MW-17	d	Bromomethane	74-83-9	ug/L	5/6/2024	1.10	4.00		<1.10
MW-17	d	2-Butanone	78-93-3	ug/L	5/6/2024	2.10	10.0		46.7
MW-17	d	Carbon Disulfide	75-15-0	ug/L	5/6/2024	0.450	1.00		<0.450
MW-17	d	Carbon Tetrachloride	56-23-5	ug/L	5/6/2024	0.650	2.00		<0.650
MW-17	d	Chlorobenzene	108-90-7	ug/L	5/6/2024	0.400	1.00		<0.400
MW-17	d	Chlorodibromomethane	124-48-1	ug/L	5/6/2024	0.750	5.00		<0.750
MW-17	d	Chloroethane	75-00-3	ug/L	5/6/2024	0.790	4.00		<0.790
MW-17	d	Chloroform	67-66-3	ug/L	5/6/2024	1.30	3.00		<1.30
MW-17	d	Chloromethane	74-87-3	ug/L	5/6/2024	0.610	3.00		<0.610
MW-17	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2024	0.210	1.00		<0.210
MW-17	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2024	0.250	5.00		<0.250
MW-17	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2024	1.20	1.20		<1.20
MW-17	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/6/2024	0.340	0.340		<0.340
MW-17	d	Methylene Bromide	74-95-3	ug/L	5/6/2024	0.330	1.00		<0.330
MW-17	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2024	0.370	1.00		<0.370
MW-17	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2024	0.230	1.00		<0.230
MW-17	d	1,1-Dichloroethane	75-34-3	ug/L	5/6/2024	0.220	1.00		<0.220
MW-17	d	1,2-Dichloroethane	107-06-2	ug/L	5/6/2024	0.390	1.00		<0.390
MW-17	d	1,1-Dichloroethene	75-35-4	ug/L	5/6/2024	0.560	2.00		<0.560
MW-17	d	1,2-Dichloropropane	78-87-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-17	d	Ethylbenzene	100-41-4	ug/L	5/6/2024	0.310	1.00		<0.310
MW-17	d	2-Hexanone	591-78-6	ug/L	5/6/2024	2.00	10.0		<2.00
MW-17	d	Iodomethane	74-88-4	ug/L	5/6/2024	7.00	10.0		<7.00
MW-17	d	Methylene Chloride	75-09-2	ug/L	5/6/2024	1.70	5.00		<1.70
MW-17	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/6/2024	2.10	10.0		<2.10
MW-17	d	Styrene	100-42-5	ug/L	5/6/2024	0.370	1.00		<0.370
MW-17	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2024	0.380	1.00		<0.380
MW-17	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2024	0.470	1.00		<0.470
MW-17	d	Tetrachloroethene	127-18-4	ug/L	5/6/2024	0.480	1.00		<0.480
MW-17	d	Toluene	108-88-3	ug/L	5/6/2024	0.430	1.00		<0.430
MW-17	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/6/2024	1.10	10.0		<1.10
MW-17	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-17	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2024	0.560	5.00		<0.560
MW-17	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2024	0.190	1.00		<0.190
MW-17	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/6/2024	0.450	1.00		<0.450
MW-17	d	Trichloroethene	79-01-6	ug/L	5/6/2024	0.430	1.00		<0.430
MW-17	d	Trichlorofluoromethane	75-69-4	ug/L	5/6/2024	0.380	4.00		<0.380
MW-17	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2024	0.590	1.00		<0.590
MW-17	d	Vinyl Acetate	108-05-4	ug/L	5/6/2024	2.50	10.0		<2.50
MW-17	d	Vinyl Chloride	75-01-4	ug/L	5/6/2024	0.180	1.00		<0.180
MW-17	d	Xylenes, total	1330-20-7	ug/L	5/6/2024	0.400	3.00		<0.400
MW-17	d	Total Suspended Solids	TSS	mg/L	5/6/2024	5.55	7.50		46
MW-18	d	Antimony	7440-36-0	mg/L	5/6/2024	0.00100	0.00200		<0.00100
MW-18	d	Arsenic	7440-38-2	mg/L	5/6/2024	0.000530	0.00200	J	0.00184
MW-18	d	Barium	7440-39-3	mg/L	5/6/2024	0.000660	0.00200		0.0776
MW-18	d	Beryllium	7440-41-7	mg/L	5/6/2024	0.000330	0.00100		<0.000330
MW-18	d	Cadmium	7440-43-9	mg/L	5/6/2024	0.000100	0.000200		<0.000100
MW-18	d	Chromium	7440-47-3	mg/L	5/6/2024	0.00120	0.00500		<0.00120
MW-18	d	Cobalt	7440-48-4	mg/L	5/6/2024	0.000170	0.000500		0.00184
MW-18	d	Copper	7440-50-8	mg/L	5/6/2024	0.00180	0.00500		<0.00180
MW-18	d	Lead	7439-92-1	mg/L	5/6/2024	0.000260	0.000500	J	0.000342
MW-18	d	Nickel	7440-02-0	mg/L	5/6/2024	0.00210	0.00500		<0.00210
MW-18	d	Selenium	7782-49-2	mg/L	5/6/2024	0.00140	0.00500		<0.00140
MW-18	d	Silver	7440-22-4	mg/L	5/6/2024	0.000500	0.00100		<0.000500
MW-18	d	Thallium	7440-28-0	mg/L	5/6/2024	0.000570	0.00100		<0.000570
MW-18	d	Vanadium	7440-62-2	mg/L	5/6/2024	0.00110	0.00500		<0.00110
MW-18	d	Zinc	7440-66-6	mg/L	5/6/2024	0.00970	0.0200		<0.00970
MW-18	d	Acetone	67-64-1	ug/L	5/6/2024	3.10	10.0		<3.10
MW-18	d	Acrylonitrile	107-13-1	ug/L	5/6/2024	2.20	10.0		<2.20
MW-18	d	Benzene	71-43-2	ug/L	5/6/2024	0.220	0.500		<0.220
MW-18	d	Bromochloromethane	74-97-5	ug/L	5/6/2024	0.540	5.00		<0.540
MW-18	d	Bromodichloromethane	75-27-4	ug/L	5/6/2024	0.390	1.00		<0.390
MW-18	d	Bromoform	75-25-2	ug/L	5/6/2024	0.780	5.00		<0.780
MW-18	d	Bromomethane	74-83-9	ug/L	5/6/2024	1.10	4.00		<1.10
MW-18	d	2-Butanone	78-93-3	ug/L	5/6/2024	2.10	10.0		<2.10
MW-18	d	Carbon Disulfide	75-15-0	ug/L	5/6/2024	0.450	1.00		<0.450
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	5/6/2024	0.650	2.00		<0.650
MW-18	d	Chlorobenzene	108-90-7	ug/L	5/6/2024	0.400	1.00		<0.400
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	5/6/2024	0.750	5.00		<0.750
MW-18	d	Chloroethane	75-00-3	ug/L	5/6/2024	0.790	4.00		<0.790
MW-18	d	Chloroform	67-66-3	ug/L	5/6/2024	1.30	3.00		<1.30
MW-18	d	Chloromethane	74-87-3	ug/L	5/6/2024	0.610	3.00		<0.610
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2024	0.210	1.00		<0.210
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2024	0.250	5.00		<0.250
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2024	1.20	1.20		<1.20
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/6/2024	0.340	0.340		<0.340

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-18	d	Methylene Bromide	74-95-3	ug/L	5/6/2024	0.330	1.00		<0.330
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2024	0.370	1.00		<0.370
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2024	0.230	1.00		<0.230
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	5/6/2024	0.220	1.00		<0.220
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	5/6/2024	0.390	1.00		<0.390
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	5/6/2024	0.560	2.00		<0.560
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-18	d	Ethylbenzene	100-41-4	ug/L	5/6/2024	0.310	1.00		<0.310
MW-18	d	2-Hexanone	591-78-6	ug/L	5/6/2024	2.00	10.0		<2.00
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	5/6/2024	0.220	1.00		<0.220
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	5/6/2024	0.390	1.00		<0.390
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	5/6/2024	0.560	2.00		<0.560
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-18	d	Ethylbenzene	100-41-4	ug/L	5/6/2024	0.310	1.00		<0.310
MW-18	d	2-Hexanone	591-78-6	ug/L	5/6/2024	2.00	10.0		<2.00
MW-18	d	Iodomethane	74-88-4	ug/L	5/6/2024	7.00	10.0		<7.00
MW-18	d	Methylene Chloride	75-09-2	ug/L	5/6/2024	1.70	5.00		<1.70
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/6/2024	2.10	10.0		<2.10
MW-18	d	Styrene	100-42-5	ug/L	5/6/2024	0.370	1.00		<0.370
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2024	0.380	1.00		<0.380
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2024	0.470	1.00		<0.470
MW-18	d	Tetrachloroethene	127-18-4	ug/L	5/6/2024	0.480	1.00		<0.480
MW-18	d	Toluene	108-88-3	ug/L	5/6/2024	0.430	1.00		<0.430
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/6/2024	1.10	10.0		<1.10
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2024	0.560	5.00		<0.560
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2024	0.190	1.00		<0.190
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/6/2024	0.450	1.00		<0.450
MW-18	d	Trichloroethene	79-01-6	ug/L	5/6/2024	0.430	1.00		<0.430
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	5/6/2024	0.380	4.00		<0.380
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2024	0.590	1.00		<0.590
MW-18	d	Vinyl Acetate	108-05-4	ug/L	5/6/2024	2.50	10.0		<2.50
MW-18	d	Vinyl Chloride	75-01-4	ug/L	5/6/2024	0.180	1.00		<0.180
MW-18	d	Xylenes, total	1330-20-7	ug/L	5/6/2024	0.400	3.00		<0.400
MW-18	d	Total Suspended Solids	TSS	mg/L	5/6/2024	1.39	1.88		3.25
MW-5AR	u	Antimony	7440-36-0	mg/L	5/6/2024	0.00100	0.00200		<0.00100
MW-5AR	u	Arsenic	7440-38-2	mg/L	5/6/2024	0.000530	0.00200		<0.000530
MW-5AR	u	Barium	7440-39-3	mg/L	5/6/2024	0.000660	0.00200		0.0365
MW-5AR	u	Beryllium	7440-41-7	mg/L	5/6/2024	0.000330	0.00100		<0.000330
MW-5AR	u	Cadmium	7440-43-9	mg/L	5/6/2024	0.000100	0.000200		<0.000100
MW-5AR	u	Chromium	7440-47-3	mg/L	5/6/2024	0.00120	0.00500		<0.00120
MW-5AR	u	Cobalt	7440-48-4	mg/L	5/6/2024	0.000170	0.000500		<0.000170
MW-5AR	u	Copper	7440-50-8	mg/L	5/6/2024	0.00180	0.00500		0.00567
MW-5AR	u	Lead	7439-92-1	mg/L	5/6/2024	0.000260	0.000500	J	0.000485
MW-5AR	u	Nickel	7440-02-0	mg/L	5/6/2024	0.00210	0.00500		<0.00210
MW-5AR	u	Selenium	7782-49-2	mg/L	5/6/2024	0.00140	0.00500	J	0.00274
MW-5AR	u	Silver	7440-22-4	mg/L	5/6/2024	0.000500	0.00100		<0.000500
MW-5AR	u	Thallium	7440-28-0	mg/L	5/6/2024	0.000570	0.00100		<0.000570
MW-5AR	u	Vanadium	7440-62-2	mg/L	5/6/2024	0.00110	0.00500		<0.00110
MW-5AR	u	Zinc	7440-66-6	mg/L	5/6/2024	0.00970	0.0200		<0.00970
MW-5AR	u	Iron	7439-89-6	mg/L	5/6/2024	0.0360	0.100	J	0.0438
MW-5AR	u	Manganese	7439-96-5	mg/L	5/6/2024	0.00360	0.0100		<0.00360
MW-5AR	u	Acetone	67-64-1	ug/L	5/6/2024	3.10	10.0		<3.10
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	5/6/2024	2.20	10.0		<2.20
MW-5AR	u	Benzene	71-43-2	ug/L	5/6/2024	0.220	0.500		<0.220
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	5/6/2024	0.540	5.00		<0.540
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	5/6/2024	0.390	1.00		<0.390
MW-5AR	u	Bromoform	75-25-2	ug/L	5/6/2024	0.780	5.00		<0.780
MW-5AR	u	Bromomethane	74-83-9	ug/L	5/6/2024	1.10	4.00		<1.10
MW-5AR	u	2-Butanone	78-93-3	ug/L	5/6/2024	2.10	10.0		<2.10
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	5/6/2024	0.450	1.00		<0.450
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	5/6/2024	0.650	2.00		<0.650
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	5/6/2024	0.400	1.00		<0.400
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	5/6/2024	0.750	5.00		<0.750
MW-5AR	u	Chloroethane	75-00-3	ug/L	5/6/2024	0.790	4.00		<0.790
MW-5AR	u	Chloroform	67-66-3	ug/L	5/6/2024	1.30	3.00		<1.30
MW-5AR	u	Chloromethane	74-87-3	ug/L	5/6/2024	0.610	3.00		<0.610
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2024	0.210	1.00		<0.210
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2024	0.250	5.00		<0.250
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2024	1.20	1.20		<1.20
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/6/2024	0.340	0.340		<0.340
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	5/6/2024	0.330	1.00		<0.330
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2024	0.370	1.00		<0.370
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2024	0.230	1.00		<0.230
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	5/6/2024	0.220	1.00		<0.220
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	5/6/2024	0.390	1.00		<0.390
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	5/6/2024	0.560	2.00		<0.560
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	5/6/2024	0.310	1.00		<0.310

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-5AR	u	2-Hexanone	591-78-6	ug/L	5/6/2024	2.00	10.0		<2.00
MW-5AR	u	Iodomethane	74-88-4	ug/L	5/6/2024	7.00	10.0		<7.00
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	5/6/2024	1.70	5.00		<1.70
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	5/6/2024	2.10	10.0		<2.10
MW-5AR	u	Styrene	100-42-5	ug/L	5/6/2024	0.370	1.00		<0.370
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2024	0.380	1.00		<0.380
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2024	0.470	1.00		<0.470
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	5/6/2024	0.480	1.00		<0.480
MW-5AR	u	Toluene	108-88-3	ug/L	5/6/2024	0.430	1.00		<0.430
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/6/2024	1.10	10.0		<1.10
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2024	0.560	5.00		<0.560
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2024	0.190	1.00		<0.190
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/6/2024	0.450	1.00		<0.450
MW-5AR	u	Trichloroethene	79-01-6	ug/L	5/6/2024	0.430	1.00		<0.430
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	5/6/2024	0.380	4.00		<0.380
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2024	0.590	1.00		<0.590
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	5/6/2024	2.50	10.0		<2.50
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	5/6/2024	0.180	1.00		<0.180
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	5/6/2024	0.400	3.00		<0.400
MW-5AR	u	Sulfate	14808-79-8	mg/L	5/6/2024	2.10	5.00		104
MW-5AR	u	Total Organic Carbon	TOC	mg/L	5/6/2024	0.500	1.00		1.72
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	5/6/2024	0.400	3.00		<0.400
MW-5AR	u	Sulfate	14808-79-8	mg/L	5/6/2024	2.10	5.00		104
MW-5AR	u	Total Organic Carbon	TOC	mg/L	5/6/2024	0.500	1.00		1.72
MW-5AR	u	Total Suspended Solids	TSS	mg/L	5/6/2024	1.39	1.88	J	1.63
MW-12	d	Antimony	7440-36-0	mg/L	5/6/2024	0.00100	0.00200		<0.00100
MW-12	d	Arsenic	7440-38-2	mg/L	5/6/2024	0.000530	0.00200		<0.000530
MW-12	d	Barium	7440-39-3	mg/L	5/6/2024	0.000660	0.00200		0.0709
MW-12	d	Beryllium	7440-41-7	mg/L	5/6/2024	0.000330	0.00100		<0.000330
MW-12	d	Cadmium	7440-43-9	mg/L	5/6/2024	0.000100	0.000200		<0.000100
MW-12	d	Chromium	7440-47-3	mg/L	5/6/2024	0.00120	0.00500		<0.00120
MW-12	d	Cobalt	7440-48-4	mg/L	5/6/2024	0.000170	0.000500	J	0.000351
MW-12	d	Copper	7440-50-8	mg/L	5/6/2024	0.00180	0.00500		<0.00180
MW-12	d	Lead	7439-92-1	mg/L	5/6/2024	0.000260	0.000500	J	0.000468
MW-12	d	Nickel	7440-02-0	mg/L	5/6/2024	0.00210	0.00500		0.00896
MW-12	d	Selenium	7782-49-2	mg/L	5/6/2024	0.00140	0.00500		<0.00140
MW-12	d	Silver	7440-22-4	mg/L	5/6/2024	0.000500	0.00100		<0.000500
MW-12	d	Thallium	7440-28-0	mg/L	5/6/2024	0.000570	0.00100		<0.000570
MW-12	d	Vanadium	7440-62-2	mg/L	5/6/2024	0.00110	0.00500		<0.00110
MW-12	d	Zinc	7440-66-6	mg/L	5/6/2024	0.00970	0.0200		<0.00970
MW-12	d	Acetone	67-64-1	ug/L	5/6/2024	3.10	10.0		<3.10
MW-12	d	Acrylonitrile	107-13-1	ug/L	5/6/2024	2.20	10.0		<2.20
MW-12	d	Benzene	71-43-2	ug/L	5/6/2024	0.220	0.500		<0.220
MW-12	d	Bromochloromethane	74-97-5	ug/L	5/6/2024	0.540	5.00		<0.540
MW-12	d	Bromodichloromethane	75-27-4	ug/L	5/6/2024	0.390	1.00		<0.390
MW-12	d	Bromoform	75-25-2	ug/L	5/6/2024	0.780	5.00		<0.780
MW-12	d	Bromomethane	74-83-9	ug/L	5/6/2024	1.10	4.00		<1.10
MW-12	d	2-Butanone	78-93-3	ug/L	5/6/2024	2.10	10.0		<2.10
MW-12	d	Carbon Disulfide	75-15-0	ug/L	5/6/2024	0.450	1.00		<0.450
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	5/6/2024	0.650	2.00		<0.650
MW-12	d	Chlorobenzene	108-90-7	ug/L	5/6/2024	0.400	1.00		<0.400
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	5/6/2024	0.750	5.00		<0.750
MW-12	d	Chloroethane	75-00-3	ug/L	5/6/2024	0.790	4.00		<0.790
MW-12	d	Chloroform	67-66-3	ug/L	5/6/2024	1.30	3.00		<1.30
MW-12	d	Chloromethane	74-87-3	ug/L	5/6/2024	0.610	3.00		<0.610
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2024	0.210	1.00		<0.210
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2024	0.250	5.00		<0.250
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2024	1.20	1.20		<1.20
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/6/2024	0.340	0.340		<0.340
MW-12	d	Methylene Bromide	74-95-3	ug/L	5/6/2024	0.330	1.00		<0.330
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2024	0.370	1.00		<0.370
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2024	0.230	1.00		<0.230
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	5/6/2024	0.220	1.00		<0.220
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	5/6/2024	0.390	1.00		<0.390
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	5/6/2024	0.560	2.00		<0.560
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-12	d	Ethylbenzene	100-41-4	ug/L	5/6/2024	0.310	1.00		<0.310
MW-12	d	2-Hexanone	591-78-6	ug/L	5/6/2024	2.00	10.0		<2.00
MW-12	d	Iodomethane	74-88-4	ug/L	5/6/2024	7.00	10.0		<7.00
MW-12	d	Methylene Chloride	75-09-2	ug/L	5/6/2024	1.70	5.00		<1.70
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/6/2024	2.10	10.0		<2.10
MW-12	d	Styrene	100-42-5	ug/L	5/6/2024	0.370	1.00		<0.370
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2024	0.380	1.00		<0.380
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2024	0.470	1.00		<0.470
MW-12	d	Tetrachloroethene	127-18-4	ug/L	5/6/2024	0.480	1.00		<0.480
MW-12	d	Toluene	108-88-3	ug/L	5/6/2024	0.430	1.00		<0.430
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/6/2024	1.10	10.0		<1.10
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2024	0.270	1.00		<0.270

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2024	0.560	5.00		<0.560
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2024	0.190	1.00		<0.190
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/6/2024	0.450	1.00		<0.450
MW-12	d	Trichloroethene	79-01-6	ug/L	5/6/2024	0.430	1.00		<0.430
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	5/6/2024	0.380	4.00		<0.380
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2024	0.590	1.00		<0.590
MW-12	d	Vinyl Acetate	108-05-4	ug/L	5/6/2024	2.50	10.0		<2.50
MW-12	d	Vinyl Chloride	75-01-4	ug/L	5/6/2024	0.180	1.00		<0.180
MW-12	d	Xylenes, total	1330-20-7	ug/L	5/6/2024	0.400	3.00		<0.400
MW-12	d	Total Suspended Solids	TSS	mg/L	5/6/2024	1.39	1.88		<1.39
MW-1	u	Antimony	7440-36-0	mg/L	5/6/2024	0.00100	0.00200		<0.00100
MW-1	u	Arsenic	7440-38-2	mg/L	5/6/2024	0.000530	0.00200		0.00576
MW-1	u	Barium	7440-39-3	mg/L	5/6/2024	0.000660	0.00200		0.115
MW-1	u	Beryllium	7440-41-7	mg/L	5/6/2024	0.000330	0.00100		<0.000330
MW-1	u	Cadmium	7440-43-9	mg/L	5/6/2024	0.000100	0.000200	J	0.000183
MW-1	u	Chromium	7440-47-3	mg/L	5/6/2024	0.00120	0.00500		<0.00120
MW-1	u	Cobalt	7440-48-4	mg/L	5/6/2024	0.000170	0.000500		0.000543
MW-1	u	Copper	7440-50-8	mg/L	5/6/2024	0.00180	0.00500	J	0.00212
MW-1	u	Lead	7439-92-1	mg/L	5/6/2024	0.000260	0.000500		<0.000260
MW-1	u	Nickel	7440-02-0	mg/L	5/6/2024	0.00210	0.00500		<0.00210
MW-1	u	Selenium	7782-49-2	mg/L	5/6/2024	0.00140	0.00500		<0.00140
MW-1	u	Silver	7440-22-4	mg/L	5/6/2024	0.000500	0.00100		<0.000500
MW-1	u	Thallium	7440-28-0	mg/L	5/6/2024	0.000570	0.00100		<0.000570
MW-1	u	Vanadium	7440-62-2	mg/L	5/6/2024	0.00110	0.00500		<0.00110
MW-1	u	Zinc	7440-66-6	mg/L	5/6/2024	0.00970	0.0200		<0.00970
MW-1	u	Acetone	67-64-1	ug/L	5/6/2024	3.10	10.0		<3.10
MW-1	u	Acrylonitrile	107-13-1	ug/L	5/6/2024	2.20	10.0		<2.20
MW-1	u	Benzene	71-43-2	ug/L	5/6/2024	0.220	0.500		<0.220
MW-1	u	Bromochloromethane	74-97-5	ug/L	5/6/2024	0.540	5.00		<0.540
MW-1	u	Bromodichloromethane	75-27-4	ug/L	5/6/2024	0.390	1.00		<0.390
MW-1	u	Bromoform	75-25-2	ug/L	5/6/2024	0.780	5.00		<0.780
MW-1	u	Bromomethane	74-83-9	ug/L	5/6/2024	1.10	4.00		<1.10
MW-1	u	2-Butanone	78-93-3	ug/L	5/6/2024	2.10	10.0		<2.10
MW-1	u	Carbon Disulfide	75-15-0	ug/L	5/6/2024	0.450	1.00		<0.450
MW-1	u	Carbon Tetrachloride	56-23-5	ug/L	5/6/2024	0.650	2.00		<0.650
MW-1	u	Chlorobenzene	108-90-7	ug/L	5/6/2024	0.400	1.00		<0.400
MW-1	u	Chlorodibromomethane	124-48-1	ug/L	5/6/2024	0.750	5.00		<0.750
MW-1	u	Chloroethane	75-00-3	ug/L	5/6/2024	0.790	4.00		<0.790
MW-1	u	Chloroform	67-66-3	ug/L	5/6/2024	1.30	3.00		<1.30
MW-1	u	Chloromethane	74-87-3	ug/L	5/6/2024	0.610	3.00		<0.610
MW-1	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2024	0.210	1.00		<0.210
MW-1	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2024	0.250	5.00		<0.250
MW-1	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2024	1.20	1.20		<1.20
MW-1	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/6/2024	0.340	0.340		<0.340
MW-1	u	Methylene Bromide	74-95-3	ug/L	5/6/2024	0.330	1.00		<0.330
MW-1	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2024	0.370	1.00		<0.370
MW-1	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2024	0.230	1.00		<0.230
MW-1	u	1,1-Dichloroethane	75-34-3	ug/L	5/6/2024	0.220	1.00		<0.220
MW-1	u	1,2-Dichloroethane	107-06-2	ug/L	5/6/2024	0.390	1.00		<0.390
MW-1	u	1,1-Dichloroethene	75-35-4	ug/L	5/6/2024	0.560	2.00		<0.560
MW-1	u	1,2-Dichloropropane	78-87-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-1	u	Ethylbenzene	100-41-4	ug/L	5/6/2024	0.310	1.00		<0.310
MW-1	u	2-Hexanone	591-78-6	ug/L	5/6/2024	2.00	10.0		<2.00
MW-1	u	Iodomethane	74-88-4	ug/L	5/6/2024	7.00	10.0		<7.00
MW-1	u	Methylene Chloride	75-09-2	ug/L	5/6/2024	1.70	5.00		<1.70
MW-1	u	4-Methyl-2-Pentanone	108-10-1	ug/L	5/6/2024	2.10	10.0		<2.10
MW-1	u	Styrene	100-42-5	ug/L	5/6/2024	0.370	1.00		<0.370
MW-1	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2024	0.380	1.00		<0.380
MW-1	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2024	0.470	1.00		<0.470
MW-1	u	Tetrachloroethene	127-18-4	ug/L	5/6/2024	0.480	1.00		<0.480
MW-1	u	Toluene	108-88-3	ug/L	5/6/2024	0.430	1.00		<0.430
MW-1	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/6/2024	1.10	10.0		<1.10
MW-1	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-1	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2024	0.560	5.00		<0.560
MW-1	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2024	0.190	1.00		<0.190
MW-1	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/6/2024	0.450	1.00		<0.450
MW-1	u	Trichloroethene	79-01-6	ug/L	5/6/2024	0.430	1.00		<0.430
MW-1	u	Trichlorofluoromethane	75-69-4	ug/L	5/6/2024	0.380	4.00		<0.380
MW-1	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2024	0.590	1.00		<0.590
MW-1	u	Vinyl Acetate	108-05-4	ug/L	5/6/2024	2.50	10.0		<2.50
MW-1	u	Vinyl Chloride	75-01-4	ug/L	5/6/2024	0.180	1.00		<0.180
MW-1	u	Xylenes, total	1330-20-7	ug/L	5/6/2024	0.400	3.00		<0.400
MW-1	u	Total Suspended Solids	TSS	mg/L	5/6/2024	1.39	1.88	J	1.75
MW-6A	u	Antimony	7440-36-0	mg/L	5/6/2024	0.00100	0.00200		<0.00100
MW-6A	u	Arsenic	7440-38-2	mg/L	5/6/2024	0.000530	0.00200		<0.000530
MW-6A	u	Barium	7440-39-3	mg/L	5/6/2024	0.000660	0.00200		0.264
MW-6A	u	Beryllium	7440-41-7	mg/L	5/6/2024	0.000330	0.00100		<0.000330
MW-6A	u	Cadmium	7440-43-9	mg/L	5/6/2024	0.000100	0.000200		0.000369
MW-6A	u	Chromium	7440-47-3	mg/L	5/6/2024	0.00120	0.00500		<0.00120

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Cobalt	7440-48-4	mg/L	5/6/2024	0.000170	0.000500		<0.000170
MW-6A	u	Copper	7440-50-8	mg/L	5/6/2024	0.00180	0.00500	J	0.00199
MW-6A	u	Lead	7439-92-1	mg/L	5/6/2024	0.000260	0.000500		<0.000260
MW-6A	u	Nickel	7440-02-0	mg/L	5/6/2024	0.00210	0.00500		<0.00210
MW-6A	u	Selenium	7782-49-2	mg/L	5/6/2024	0.00140	0.00500		<0.00140
MW-6A	u	Silver	7440-22-4	mg/L	5/6/2024	0.000500	0.00100		<0.000500
MW-6A	u	Thallium	7440-28-0	mg/L	5/6/2024	0.000570	0.00100		<0.000570
MW-6A	u	Vanadium	7440-62-2	mg/L	5/6/2024	0.00110	0.00500		<0.00110
MW-6A	u	Zinc	7440-66-6	mg/L	5/6/2024	0.00970	0.0200		<0.00970
MW-6A	u	Iron	7439-89-6	mg/L	5/6/2024	0.0360	0.100		<0.0360
MW-6A	u	Manganese	7439-96-5	mg/L	5/6/2024	0.00360	0.0100		0.0353
MW-6A	u	Acetone	67-64-1	ug/L	5/6/2024	3.10	10.0		<3.10
MW-6A	u	Acrylonitrile	107-13-1	ug/L	5/6/2024	2.20	10.0		<2.20
MW-6A	u	Benzene	71-43-2	ug/L	5/6/2024	0.220	0.500		<0.220
MW-6A	u	Bromochloromethane	74-97-5	ug/L	5/6/2024	0.540	5.00		<0.540
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	5/6/2024	0.390	1.00		<0.390
MW-6A	u	Bromoform	75-25-2	ug/L	5/6/2024	0.780	5.00		<0.780
MW-6A	u	Bromomethane	74-83-9	ug/L	5/6/2024	1.10	4.00		<1.10
MW-6A	u	2-Butanone	78-93-3	ug/L	5/6/2024	2.10	10.0		<2.10
MW-6A	u	Carbon Disulfide	75-15-0	ug/L	5/6/2024	0.450	1.00		<0.450
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	5/6/2024	0.650	2.00		<0.650
MW-6A	u	Chlorobenzene	108-90-7	ug/L	5/6/2024	0.400	1.00		<0.400
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	5/6/2024	0.750	5.00		<0.750
MW-6A	u	Chloroethane	75-00-3	ug/L	5/6/2024	0.790	4.00		<0.790
MW-6A	u	Chloroform	67-66-3	ug/L	5/6/2024	1.30	3.00		<1.30
MW-6A	u	Chloromethane	74-87-3	ug/L	5/6/2024	0.610	3.00		<0.610
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2024	0.210	1.00		<0.210
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2024	0.250	5.00		<0.250
MW-6A	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2024	1.20	1.20		<1.20
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/6/2024	0.340	0.340		<0.340
MW-6A	u	Methylene Bromide	74-95-3	ug/L	5/6/2024	0.330	1.00		<0.330
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2024	0.370	1.00		<0.370
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2024	0.230	1.00		<0.230
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	5/6/2024	0.220	1.00		<0.220
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	5/6/2024	0.390	1.00		<0.390
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	5/6/2024	0.560	2.00		<0.560
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-6A	u	Ethylbenzene	100-41-4	ug/L	5/6/2024	0.310	1.00		<0.310
MW-6A	u	2-Hexanone	591-78-6	ug/L	5/6/2024	2.00	10.0		<2.00
MW-6A	u	Iodomethane	74-88-4	ug/L	5/6/2024	7.00	10.0		<7.00
MW-6A	u	Methylene Chloride	75-09-2	ug/L	5/6/2024	1.70	5.00		<1.70
MW-6A	u	4-Methyl-2-Pentanone	108-10-1	ug/L	5/6/2024	2.10	10.0		<2.10
MW-6A	u	Styrene	100-42-5	ug/L	5/6/2024	0.370	1.00		<0.370
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2024	0.380	1.00		<0.380
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2024	0.470	1.00		<0.470
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	5/6/2024	0.480	1.00		<0.480
MW-6A	u	Toluene	108-88-3	ug/L	5/6/2024	0.430	1.00		<0.430
MW-6A	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/6/2024	1.10	10.0		<1.10
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2024	0.270	1.00		<0.270
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2024	0.560	5.00		<0.560
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2024	0.190	1.00		<0.190
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/6/2024	0.450	1.00		<0.450
MW-6A	u	Trichloroethene	79-01-6	ug/L	5/6/2024	0.430	1.00		<0.430
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	5/6/2024	0.380	4.00		<0.380
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2024	0.590	1.00		<0.590
MW-6A	u	Vinyl Acetate	108-05-4	ug/L	5/6/2024	2.50	10.0		<2.50
MW-6A	u	Vinyl Chloride	75-01-4	ug/L	5/6/2024	0.180	1.00		<0.180
MW-6A	u	Xylenes, total	1330-20-7	ug/L	5/6/2024	0.400	3.00		<0.400
MW-6A	u	Sulfate	14808-79-8	mg/L	5/6/2024	2.10	5.00		17.7
MW-6A	u	Total Organic Carbon	TOC	mg/L	5/6/2024	0.500	1.00		1.20
MW-6A	u	Total Suspended Solids	TSS	mg/L	5/6/2024	1.39	1.88	J	1.63
MW-9B	d	Antimony	7440-36-0	mg/L	5/7/2024	0.00100	0.00200		<0.00100
MW-9B	d	Arsenic	7440-38-2	mg/L	5/7/2024	0.000530	0.00200		0.00339
MW-9B	d	Barium	7440-39-3	mg/L	5/7/2024	0.000660	0.00200		0.0342
MW-9B	d	Beryllium	7440-41-7	mg/L	5/7/2024	0.000330	0.00100		<0.000330
MW-9B	d	Cadmium	7440-43-9	mg/L	5/7/2024	0.000100	0.000200		0.000271
MW-9B	d	Chromium	7440-47-3	mg/L	5/7/2024	0.00120	0.00500		<0.00120
MW-9B	d	Cobalt	7440-48-4	mg/L	5/7/2024	0.000170	0.000500		0.0131
MW-9B	d	Copper	7440-50-8	mg/L	5/7/2024	0.00180	0.00500	J	0.00239
MW-9B	d	Lead	7439-92-1	mg/L	5/7/2024	0.000260	0.000500		0.000779
MW-9B	d	Nickel	7440-02-0	mg/L	5/7/2024	0.00210	0.00500		0.0192
MW-9B	d	Selenium	7782-49-2	mg/L	5/7/2024	0.00140	0.00500		<0.00140
MW-9B	d	Silver	7440-22-4	mg/L	5/7/2024	0.000500	0.00100		<0.000500
MW-9B	d	Thallium	7440-28-0	mg/L	5/7/2024	0.000570	0.00100		<0.000570
MW-9B	d	Vanadium	7440-62-2	mg/L	5/7/2024	0.00110	0.00500		<0.00110
MW-9B	d	Zinc	7440-66-6	mg/L	5/7/2024	0.00970	0.0200		<0.00970
MW-9B	d	Acetone	67-64-1	ug/L	5/7/2024	3.10	10.0		<3.10
MW-9B	d	Acrylonitrile	107-13-1	ug/L	5/7/2024	2.20	10.0		<2.20
MW-9B	d	Benzene	71-43-2	ug/L	5/7/2024	0.220	0.500		<0.220

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Bromochloromethane	74-97-5	ug/L	5/7/2024	0.540	5.00		<0.540
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	5/7/2024	0.390	1.00		<0.390
MW-9B	d	Bromoform	75-25-2	ug/L	5/7/2024	0.780	5.00		<0.780
MW-9B	d	Bromomethane	74-83-9	ug/L	5/7/2024	1.10	4.00		<1.10
MW-9B	d	2-Butanone	78-93-3	ug/L	5/7/2024	2.10	10.0		<2.10
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	5/7/2024	0.450	1.00		<0.450
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	5/7/2024	0.650	2.00		<0.650
MW-9B	d	Chlorobenzene	108-90-7	ug/L	5/7/2024	0.400	1.00		<0.400
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	5/7/2024	0.750	5.00		<0.750
MW-9B	d	Chloroethane	75-00-3	ug/L	5/7/2024	0.790	4.00		<0.790
MW-9B	d	Chloroform	67-66-3	ug/L	5/7/2024	1.30	3.00		<1.30
MW-9B	d	Chloromethane	74-87-3	ug/L	5/7/2024	0.610	3.00		<0.610
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/7/2024	0.210	1.00		<0.210
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/7/2024	0.250	5.00		<0.250
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/7/2024	1.20	1.20		<1.20
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/7/2024	0.340	0.340		<0.340
MW-9B	d	Methylene Bromide	74-95-3	ug/L	5/7/2024	0.330	1.00		<0.330
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/7/2024	0.370	1.00		<0.370
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/7/2024	0.230	1.00		<0.230
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	5/7/2024	0.220	1.00		<0.220
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	5/7/2024	0.390	1.00		<0.390
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	5/7/2024	0.560	2.00		<0.560
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	5/7/2024	0.270	1.00		<0.270
MW-9B	d	Ethylbenzene	100-41-4	ug/L	5/7/2024	0.310	1.00		<0.310
MW-9B	d	2-Hexanone	591-78-6	ug/L	5/7/2024	2.00	10.0		<2.00
MW-9B	d	Iodomethane	74-88-4	ug/L	5/7/2024	7.00	10.0		<7.00
MW-9B	d	Methylene Chloride	75-09-2	ug/L	5/7/2024	1.70	5.00		<1.70
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/7/2024	2.10	10.0		<2.10
MW-9B	d	Styrene	100-42-5	ug/L	5/7/2024	0.370	1.00		<0.370
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/7/2024	0.380	1.00		<0.380
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/7/2024	0.470	1.00		<0.470
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	5/7/2024	0.480	1.00		<0.480
MW-9B	d	Toluene	108-88-3	ug/L	5/7/2024	0.430	1.00		<0.430
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/7/2024	1.10	10.0		<1.10
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/7/2024	0.270	1.00		<0.270
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/7/2024	0.560	5.00		<0.560
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/7/2024	0.190	1.00		<0.190
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/7/2024	0.450	1.00		<0.450
MW-9B	d	Trichloroethene	79-01-6	ug/L	5/7/2024	0.430	1.00		<0.430
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	5/7/2024	0.380	4.00		<0.380
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/7/2024	0.590	1.00		<0.590
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	5/7/2024	2.50	10.0		<2.50
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	5/7/2024	0.180	1.00		<0.180
MW-9B	d	Xylenes, total	1330-20-7	ug/L	5/7/2024	0.400	3.00		<0.400
MW-9B	d	Total Suspended Solids	TSS	mg/L	5/7/2024	5.55	7.50		59.0
MW-2AR	d	Antimony	7440-36-0	mg/L	5/7/2024	0.00100	0.00200		<0.00100
MW-2AR	d	Arsenic	7440-38-2	mg/L	5/7/2024	0.000530	0.00200		0.0511
MW-2AR	d	Barium	7440-39-3	mg/L	5/7/2024	0.000660	0.00200		0.631
MW-2AR	d	Beryllium	7440-41-7	mg/L	5/7/2024	0.000330	0.00100		<0.000330
MW-2AR	d	Cadmium	7440-43-9	mg/L	5/7/2024	0.000100	0.000200		<0.000100
MW-2AR	d	Chromium	7440-47-3	mg/L	5/7/2024	0.00120	0.00500		<0.00120
MW-2AR	d	Cobalt	7440-48-4	mg/L	5/7/2024	0.000170	0.000500		0.00176
MW-2AR	d	Copper	7440-50-8	mg/L	5/7/2024	0.00180	0.00500		<0.00180
MW-2AR	d	Lead	7439-92-1	mg/L	5/7/2024	0.000260	0.000500		<0.000260
MW-2AR	d	Nickel	7440-02-0	mg/L	5/7/2024	0.00210	0.00500		0.0146
MW-2AR	d	Selenium	7782-49-2	mg/L	5/7/2024	0.00140	0.00500		<0.00140
MW-2AR	d	Silver	7440-22-4	mg/L	5/7/2024	0.000500	0.00100		<0.000500
MW-2AR	d	Thallium	7440-28-0	mg/L	5/7/2024	0.000570	0.00100		<0.000570
MW-2AR	d	Vanadium	7440-62-2	mg/L	5/7/2024	0.00110	0.00500	J	0.00155
MW-2AR	d	Zinc	7440-66-6	mg/L	5/7/2024	0.00970	0.0200		<0.00970
MW-2AR	d	Iron	7439-89-6	mg/L	5/7/2024	0.0360	0.100		52.2
MW-2AR	d	Manganese	7439-96-5	mg/L	5/7/2024	0.00360	0.0100		3.18
MW-2AR	d	Acetone	67-64-1	ug/L	5/7/2024	3.10	10.0	J	5.21
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	5/7/2024	2.20	10.0		<2.20
MW-2AR	d	Benzene	71-43-2	ug/L	5/7/2024	0.220	0.500	J	0.425
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	5/7/2024	0.540	5.00		<0.540
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	5/7/2024	0.390	1.00		<0.390
MW-2AR	d	Bromoform	75-25-2	ug/L	5/7/2024	0.780	5.00		<0.780
MW-2AR	d	Bromomethane	74-83-9	ug/L	5/7/2024	1.10	4.00		<1.10
MW-2AR	d	2-Butanone	78-93-3	ug/L	5/7/2024	2.10	10.0		<2.10
MW-2AR	d	Carbon Disulfide	75-15-0	ug/L	5/7/2024	0.450	1.00		<0.450
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	5/7/2024	0.650	2.00		<0.650
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	5/7/2024	0.400	1.00		1.18
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	5/7/2024	0.750	5.00		<0.750
MW-2AR	d	Chloroethane	75-00-3	ug/L	5/7/2024	0.790	4.00	J	1.92
MW-2AR	d	Chloroform	67-66-3	ug/L	5/7/2024	1.30	3.00		<1.30
MW-2AR	d	Chloromethane	74-87-3	ug/L	5/7/2024	0.610	3.00		<0.610
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	5/7/2024	0.210	1.00		<0.210
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/7/2024	0.250	5.00		<0.250

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/7/2024	1.20	1.20		<1.20
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/7/2024	0.340	0.340		<0.340
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	5/7/2024	0.330	1.00		<0.330
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	5/7/2024	0.370	1.00		<0.370
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	5/7/2024	0.230	1.00	J	0.908
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	5/7/2024	0.220	1.00		<0.220
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	5/7/2024	0.390	1.00		<0.390
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	5/7/2024	0.560	2.00		<0.560
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	5/7/2024	0.270	1.00		<0.270
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	5/7/2024	0.310	1.00		<0.310
MW-2AR	d	2-Hexanone	591-78-6	ug/L	5/7/2024	2.00	10.0		<2.00
MW-2AR	d	Iodomethane	74-88-4	ug/L	5/7/2024	7.00	10.0		<7.00
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	5/7/2024	1.70	5.00		<1.70
MW-2AR	d	4-Methyl-2-Pentanone	108-10-1	ug/L	5/7/2024	2.10	10.0		<2.10
MW-2AR	d	Styrene	100-42-5	ug/L	5/7/2024	0.370	1.00		<0.370
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/7/2024	0.380	1.00		<0.380
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/7/2024	0.470	1.00		<0.470
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	5/7/2024	0.480	1.00		<0.480
MW-2AR	d	Toluene	108-88-3	ug/L	5/7/2024	0.430	1.00		<0.430
MW-2AR	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/7/2024	1.10	10.0		<1.10
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	5/7/2024	0.270	1.00		<0.270
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/7/2024	0.560	5.00		<0.560
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	5/7/2024	0.190	1.00		<0.190
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	5/7/2024	0.450	1.00		<0.450
MW-2AR	d	Trichloroethene	79-01-6	ug/L	5/7/2024	0.430	1.00		<0.430
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	5/7/2024	0.380	4.00		<0.380
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	5/7/2024	0.590	1.00		<0.590
MW-2AR	d	Vinyl Acetate	108-05-4	ug/L	5/7/2024	2.50	10.0		<2.50
MW-2AR	d	Vinyl Chloride	75-01-4	ug/L	5/7/2024	0.180	1.00		<0.180
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	5/7/2024	0.400	3.00		<0.400
MW-2AR	d	Sulfate	14808-79-8	mg/L	5/7/2024	2.10	5.00		204
MW-2AR	d	Total Organic Carbon	TOC	mg/L	5/7/2024	0.500	1.00		14.2
MW-2AR	d	Total Suspended Solids	TSS	mg/L	5/7/2024	11.1	15.0		98.0
MW-27	d	Arsenic	7440-38-2	mg/L	5/7/2024	0.000530	0.00200		0.00857
MW-27	d	Iron	7439-89-6	mg/L	5/7/2024	0.0360	0.100		9.39
MW-27	d	Manganese	7439-96-5	mg/L	5/7/2024	0.00360	0.0100		2.88
MW-27	d	Sulfate	14808-79-8	mg/L	5/7/2024	2.10	5.00		159
MW-27	d	Total Organic Carbon	TOC	mg/L	5/7/2024	0.500	1.00		16.6
MW-27	d	Total Suspended Solids	TSS	mg/L	5/7/2024	11.1	15.0		59.0
MW-26	d	Arsenic	7440-38-2	mg/L	5/7/2024	0.000530	0.00200		0.0117
MW-26	d	Iron	7439-89-6	mg/L	5/7/2024	0.0360	0.100		18.7
MW-26	d	Manganese	7439-96-5	mg/L	5/7/2024	0.00360	0.0100		4.10
MW-26	d	Sulfate	14808-79-8	mg/L	5/7/2024	2.10	5.00		219
MW-26	d	Total Organic Carbon	TOC	mg/L	5/7/2024	0.500	1.00		3.64
MW-26	d	Total Suspended Solids	TSS	mg/L	5/7/2024	3.70	5.00		88.7
MW-28	u	Antimony	7440-36-0	mg/L	5/7/2024	0.00100	0.00200		<0.00100
MW-28	u	Arsenic	7440-38-2	mg/L	5/7/2024	0.000530	0.00200		<0.000530
MW-28	u	Barium	7440-39-3	mg/L	5/7/2024	0.000660	0.00200		0.0425
MW-28	u	Beryllium	7440-41-7	mg/L	5/7/2024	0.000330	0.00100		<0.000330
MW-28	u	Cadmium	7440-43-9	mg/L	5/7/2024	0.000100	0.000200		<0.000100
MW-28	u	Chromium	7440-47-3	mg/L	5/7/2024	0.00120	0.00500		<0.00120
MW-28	u	Cobalt	7440-48-4	mg/L	5/7/2024	0.000170	0.000500		<0.000170
MW-28	u	Copper	7440-50-8	mg/L	5/7/2024	0.00180	0.00500		<0.00180
MW-28	u	Lead	7439-92-1	mg/L	5/7/2024	0.000260	0.000500		<0.000260
MW-28	u	Nickel	7440-02-0	mg/L	5/7/2024	0.00210	0.00500		<0.00210
MW-28	u	Selenium	7782-49-2	mg/L	5/7/2024	0.00140	0.00500	J	0.00199
MW-28	u	Silver	7440-22-4	mg/L	5/7/2024	0.000500	0.00100		<0.000500
MW-28	u	Thallium	7440-28-0	mg/L	5/7/2024	0.000570	0.00100		<0.000570
MW-28	u	Vanadium	7440-62-2	mg/L	5/7/2024	0.00110	0.00500		<0.00110
MW-28	u	Zinc	7440-66-6	mg/L	5/7/2024	0.00970	0.0200		<0.00970
MW-28	u	Iron	7439-89-6	mg/L	5/7/2024	0.0360	0.100		<0.0360
MW-28	u	Manganese	7439-96-5	mg/L	5/7/2024	0.00360	0.0100		<0.00360
MW-28	u	Acetone	67-64-1	ug/L	5/7/2024	3.10	10.0		<3.10
MW-28	u	Acrylonitrile	107-13-1	ug/L	5/7/2024	2.20	10.0		<2.20
MW-28	u	Benzene	71-43-2	ug/L	5/7/2024	0.220	0.500		<0.220
MW-28	u	Bromochloromethane	74-97-5	ug/L	5/7/2024	0.540	5.00		<0.540
MW-28	u	Bromodichloromethane	75-27-4	ug/L	5/7/2024	0.390	1.00		<0.390
MW-28	u	Bromoform	75-25-2	ug/L	5/7/2024	0.780	5.00		<0.780
MW-28	u	Bromomethane	74-83-9	ug/L	5/7/2024	1.10	4.00		<1.10
MW-28	u	2-Butanone	78-93-3	ug/L	5/7/2024	2.10	10.0		<2.10
MW-28	u	Carbon Disulfide	75-15-0	ug/L	5/7/2024	0.450	1.00		<0.450
MW-28	u	Carbon Tetrachloride	56-23-5	ug/L	5/7/2024	0.650	2.00		<0.650
MW-28	u	Chlorobenzene	108-90-7	ug/L	5/7/2024	0.400	1.00		<0.400
MW-28	u	Chlorodibromomethane	124-48-1	ug/L	5/7/2024	0.750	5.00		<0.750
MW-28	u	Chloroethane	75-00-3	ug/L	5/7/2024	0.790	4.00		<0.790
MW-28	u	Chloroform	67-66-3	ug/L	5/7/2024	1.30	3.00		<1.30
MW-28	u	Chloromethane	74-87-3	ug/L	5/7/2024	0.610	3.00		<0.610
MW-28	u	cis-1,2-Dichloroethene	156-59-2	ug/L	5/7/2024	0.210	1.00		<0.210
MW-28	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	5/7/2024	0.250	5.00		<0.250

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/7/2024	1.20	1.20		<1.20
MW-28	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/7/2024	0.340	0.340		<0.340
MW-28	u	Methylene Bromide	74-95-3	ug/L	5/7/2024	0.330	1.00		<0.330
MW-28	u	1,2-Dichlorobenzene	95-50-1	ug/L	5/7/2024	0.370	1.00		<0.370
MW-28	u	1,4-Dichlorobenzene	106-46-7	ug/L	5/7/2024	0.230	1.00		<0.230
MW-28	u	1,1-Dichloroethane	75-34-3	ug/L	5/7/2024	0.220	1.00		<0.220
MW-28	u	1,2-Dichloroethane	107-06-2	ug/L	5/7/2024	0.390	1.00		<0.390
MW-28	u	1,1-Dichloroethene	75-35-4	ug/L	5/7/2024	0.560	2.00		<0.560
MW-28	u	1,2-Dichloropropane	78-87-5	ug/L	5/7/2024	0.270	1.00		<0.270
MW-28	u	Ethylbenzene	100-41-4	ug/L	5/7/2024	0.310	1.00		<0.310
MW-28	u	2-Hexanone	591-78-6	ug/L	5/7/2024	2.00	10.0		<2.00
MW-28	u	Iodomethane	74-88-4	ug/L	5/7/2024	7.00	10.0		<7.00
MW-28	u	Methylene Chloride	75-09-2	ug/L	5/7/2024	1.70	5.00		<1.70
MW-28	u	4-Methyl-2-Pentanone	108-10-1	ug/L	5/7/2024	2.10	10.0		<2.10
MW-28	u	Styrene	100-42-5	ug/L	5/7/2024	0.370	1.00		<0.370
MW-28	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/7/2024	0.380	1.00		<0.380
MW-28	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/7/2024	0.470	1.00		<0.470
MW-28	u	Tetrachloroethene	127-18-4	ug/L	5/7/2024	0.480	1.00		<0.480
MW-28	u	Toluene	108-88-3	ug/L	5/7/2024	0.430	1.00		<0.430
MW-28	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/7/2024	1.10	10.0		<1.10
MW-28	u	trans-1,2-Dichloroethene	156-60-5	ug/L	5/7/2024	0.270	1.00		<0.270
MW-28	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	5/7/2024	0.560	5.00		<0.560
MW-28	u	1,1,1-Trichloroethane	71-55-6	ug/L	5/7/2024	0.190	1.00		<0.190
MW-28	u	1,1,2-Trichloroethane	79-00-5	ug/L	5/7/2024	0.450	1.00		<0.450
MW-28	u	Trichloroethene	79-01-6	ug/L	5/7/2024	0.430	1.00		<0.430
MW-28	u	Trichlorofluoromethane	75-69-4	ug/L	5/7/2024	0.380	4.00		<0.380
MW-28	u	1,2,3-Trichloropropane	96-18-4	ug/L	5/7/2024	0.590	1.00		<0.590
MW-28	u	Vinyl Acetate	108-05-4	ug/L	5/7/2024	2.50	10.0		<2.50
MW-28	u	Vinyl Chloride	75-01-4	ug/L	5/7/2024	0.180	1.00		<0.180
MW-28	u	Xylenes, total	1330-20-7	ug/L	5/7/2024	0.400	3.00		<0.400
MW-28	u	Sulfate	14808-79-8	mg/L	5/7/2024	2.10	5.00		231
MW-28	u	Total Organic Carbon	TOC	mg/L	5/7/2024	0.500	1.00		3.77
MW-28	u	Total Suspended Solids	TSS	mg/L	5/7/2024	1.39	1.88		9.00
MW-20	d	Arsenic	7440-38-2	mg/L	5/7/2024	0.000530	0.00200		0.0220
MW-20	d	Iron	7439-89-6	mg/L	5/7/2024	0.0360	0.100		10.6
MW-20	d	Manganese	7439-96-5	mg/L	5/7/2024	0.00360	0.0100		0.635
MW-20	d	Sulfate	14808-79-8	mg/L	5/7/2024	2.10	5.00		389
MW-20	d	Total Organic Carbon	TOC	mg/L	5/7/2024	0.500	1.00		6.15
MW-20	d	Total Suspended Solids	TSS	mg/L	5/7/2024	3.70	5.00		66.3
MW-21	d	Arsenic	7440-38-2	mg/L	5/7/2024	0.000530	0.00200		0.00544
MW-21	d	Iron	7439-89-6	mg/L	5/7/2024	0.0360	0.100		8.83
MW-21	d	Manganese	7439-96-5	mg/L	5/7/2024	0.00360	0.0100		2.92
MW-21	d	Sulfate	14808-79-8	mg/L	5/7/2024	2.10	5.00		318
MW-21	d	Total Organic Carbon	TOC	mg/L	5/7/2024	0.500	1.00		11.1
MW-21	d	Total Suspended Solids	TSS	mg/L	5/7/2024	3.70	5.00		49.7
MW-17	d	Antimony	7440-36-0	mg/L	7/10/2024	0.00100	0.00200		<0.00100
MW-17	d	Arsenic	7440-38-2	mg/L	7/10/2024	0.000530	0.00200		0.0122
MW-17	d	Barium	7440-39-3	mg/L	7/10/2024	0.000660	0.00200		0.226
MW-17	d	Beryllium	7440-41-7	mg/L	7/10/2024	0.000330	0.00100		<0.000330
MW-17	d	Cadmium	7440-43-9	mg/L	7/10/2024	0.000100	0.000200	J	0.000112
MW-17	d	Chromium	7440-47-3	mg/L	7/10/2024	0.00120	0.00500		<0.00120
MW-17	d	Cobalt	7440-48-4	mg/L	7/10/2024	0.000170	0.000500		0.00415
MW-17	d	Copper	7440-50-8	mg/L	7/10/2024	0.00180	0.00500	J	0.00444
MW-17	d	Lead	7439-92-1	mg/L	7/10/2024	0.000260	0.000500		0.00159
MW-17	d	Nickel	7440-02-0	mg/L	7/10/2024	0.00210	0.00500	J	0.00291
MW-17	d	Selenium	7782-49-2	mg/L	7/10/2024	0.00140	0.00500		<0.00140
MW-17	d	Silver	7440-22-4	mg/L	7/10/2024	0.000500	0.00100		<0.000500
MW-17	d	Thallium	7440-28-0	mg/L	7/10/2024	0.000570	0.00100		<0.000570
MW-17	d	Vanadium	7440-62-2	mg/L	7/10/2024	0.00110	0.00500	J	0.00130
MW-17	d	Zinc	7440-66-6	mg/L	7/10/2024	0.00970	0.0200		<0.00970
MW-17	d	Acetone	67-64-1	ug/L	7/10/2024	3.10	10.0		27.0
MW-17	d	Acrylonitrile	107-13-1	ug/L	7/10/2024	2.20	10.0		<2.20
MW-17	d	Benzene	71-43-2	ug/L	7/10/2024	0.220	0.500		<0.220
MW-17	d	Bromochloromethane	74-97-5	ug/L	7/10/2024	0.540	5.00		<0.540
MW-17	d	Bromodichloromethane	75-27-4	ug/L	7/10/2024	0.390	1.00		<0.390
MW-17	d	Bromoform	75-25-2	ug/L	7/10/2024	0.780	5.00		<0.780
MW-17	d	Bromomethane	74-83-9	ug/L	7/10/2024	1.10	4.00		<1.10
MW-17	d	2-Butanone	78-93-3	ug/L	7/10/2024	2.10	10.0		<2.10
MW-17	d	Carbon Disulfide	75-15-0	ug/L	7/10/2024	0.450	1.00	J	0.661
MW-17	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2024	0.650	2.00		<0.650
MW-17	d	Chlorobenzene	108-90-7	ug/L	7/10/2024	0.400	1.00		<0.400
MW-17	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2024	0.750	5.00		<0.750
MW-17	d	Chloroethane	75-00-3	ug/L	7/10/2024	0.790	4.00		<0.790
MW-17	d	Chloroform	67-66-3	ug/L	7/10/2024	1.30	3.00		<1.30
MW-17	d	Chloromethane	74-87-3	ug/L	7/10/2024	0.610	3.00		<0.610
MW-17	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2024	0.210	1.00		<0.210
MW-17	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2024	0.250	5.00		<0.250
MW-17	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2024	1.20	1.20		<1.20
MW-17	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2024	0.340	0.340		<0.340

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-17	d	Methylene Bromide	74-95-3	ug/L	7/10/2024	0.330	1.00		<0.330
MW-17	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2024	0.370	1.00		<0.370
MW-17	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2024	0.230	1.00		<0.230
MW-17	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2024	0.220	1.00		<0.220
MW-17	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2024	0.390	1.00		<0.390
MW-17	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2024	0.560	2.00		<0.560
MW-17	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2024	0.270	1.00		<0.270
MW-17	d	Ethylbenzene	100-41-4	ug/L	7/10/2024	0.310	1.00		<0.310
MW-17	d	2-Hexanone	591-78-6	ug/L	7/10/2024	2.00	10.0		<2.00
MW-17	d	Iodomethane	74-88-4	ug/L	7/10/2024	7.00	10.0		<7.00
MW-17	d	Methylene Chloride	75-09-2	ug/L	7/10/2024	1.70	5.00		<1.70
MW-17	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2024	2.10	10.0		<2.10
MW-17	d	Styrene	100-42-5	ug/L	7/10/2024	0.370	1.00		<0.370
MW-17	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2024	0.380	1.00		<0.380
MW-17	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2024	0.470	1.00		<0.470
MW-17	d	Tetrachloroethene	127-18-4	ug/L	7/10/2024	0.480	1.00		<0.480
MW-17	d	Toluene	108-88-3	ug/L	7/10/2024	0.430	1.00		<0.430
MW-17	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2024	1.10	10.0		<1.10
MW-17	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2024	0.270	1.00		<0.270
MW-17	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2024	0.560	5.00		<0.560
MW-17	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2024	0.190	1.00		<0.190
MW-17	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2024	0.450	1.00		<0.450
MW-17	d	Trichloroethene	79-01-6	ug/L	7/10/2024	0.430	1.00		<0.430
MW-17	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2024	0.380	4.00		<0.380
MW-17	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2024	0.590	1.00		<0.590
MW-17	d	Vinyl Acetate	108-05-4	ug/L	7/10/2024	2.50	10.0		<2.50
MW-17	d	Vinyl Chloride	75-01-4	ug/L	7/10/2024	0.180	1.00		<0.180
MW-17	d	Xylenes, total	1330-20-7	ug/L	7/10/2024	0.400	3.00		<0.400
MW-17	d	Total Suspended Solids	TSS	mg/L	7/10/2024	11.1	15.0		39.0
MW-18	d	Antimony	7440-36-0	mg/L	7/10/2024	0.00100	0.00200		<0.00100
MW-18	d	Arsenic	7440-38-2	mg/L	7/10/2024	0.000530	0.00200		0.00967
MW-18	d	Barium	7440-39-3	mg/L	7/10/2024	0.000660	0.00200		0.0861
MW-18	d	Beryllium	7440-41-7	mg/L	7/10/2024	0.000330	0.00100		<0.000330
MW-18	d	Cadmium	7440-43-9	mg/L	7/10/2024	0.000100	0.000200		<0.000100
MW-18	d	Chromium	7440-47-3	mg/L	7/10/2024	0.00120	0.00500		<0.00120
MW-18	d	Cobalt	7440-48-4	mg/L	7/10/2024	0.000170	0.000500		0.00283
MW-18	d	Copper	7440-50-8	mg/L	7/10/2024	0.00180	0.00500		<0.00180
MW-18	d	Lead	7439-92-1	mg/L	7/10/2024	0.000260	0.000500		0.000758
MW-18	d	Nickel	7440-02-0	mg/L	7/10/2024	0.00210	0.00500		0.00596
MW-18	d	Selenium	7782-49-2	mg/L	7/10/2024	0.00140	0.00500		<0.00140
MW-18	d	Silver	7440-22-4	mg/L	7/10/2024	0.000500	0.00100		<0.000500
MW-18	d	Thallium	7440-28-0	mg/L	7/10/2024	0.000570	0.00100		<0.000570
MW-18	d	Vanadium	7440-62-2	mg/L	7/10/2024	0.00110	0.00500		0.00156
MW-18	d	Zinc	7440-66-6	mg/L	7/10/2024	0.00970	0.0200		<0.00970
MW-18	d	Acetone	67-64-1	ug/L	7/10/2024	3.10	10.0		<3.10
MW-18	d	Acrylonitrile	107-13-1	ug/L	7/10/2024	2.20	10.0		<2.20
MW-18	d	Benzene	71-43-2	ug/L	7/10/2024	0.220	0.500		<0.220
MW-18	d	Bromochloromethane	74-97-5	ug/L	7/10/2024	0.540	5.00		<0.540
MW-18	d	Bromodichloromethane	75-27-4	ug/L	7/10/2024	0.390	1.00		<0.390
MW-18	d	Bromoform	75-25-2	ug/L	7/10/2024	0.780	5.00		<0.780
MW-18	d	Bromomethane	74-83-9	ug/L	7/10/2024	1.10	4.00		<1.10
MW-18	d	2-Butanone	78-93-3	ug/L	7/10/2024	2.10	10.0		<2.10
MW-18	d	Carbon Disulfide	75-15-0	ug/L	7/10/2024	0.450	1.00		<0.450
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	7/10/2024	0.650	2.00		<0.650
MW-18	d	Chlorobenzene	108-90-7	ug/L	7/10/2024	0.400	1.00		<0.400
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	7/10/2024	0.750	5.00		<0.750
MW-18	d	Chloroethane	75-00-3	ug/L	7/10/2024	0.790	4.00		<0.790
MW-18	d	Chloroform	67-66-3	ug/L	7/10/2024	1.30	3.00		<1.30
MW-18	d	Chloromethane	74-87-3	ug/L	7/10/2024	0.610	3.00		<0.610
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2024	0.210	1.00		<0.210
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2024	0.250	5.00		<0.250
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2024	1.20	1.20		<1.20
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/10/2024	0.340	0.340		<0.340
MW-18	d	Methylene Bromide	74-95-3	ug/L	7/10/2024	0.330	1.00		<0.330
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2024	0.370	1.00		<0.370
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2024	0.230	1.00		<0.230
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	7/10/2024	0.220	1.00		<0.220
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	7/10/2024	0.390	1.00		<0.390
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	7/10/2024	0.560	2.00		<0.560
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	7/10/2024	0.270	1.00		<0.270
MW-18	d	Ethylbenzene	100-41-4	ug/L	7/10/2024	0.310	1.00		<0.310
MW-18	d	2-Hexanone	591-78-6	ug/L	7/10/2024	2.00	10.0		<2.00
MW-18	d	Iodomethane	74-88-4	ug/L	7/10/2024	7.00	10.0		<7.00
MW-18	d	Methylene Chloride	75-09-2	ug/L	7/10/2024	1.70	5.00		<1.70
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	7/10/2024	2.10	10.0		<2.10
MW-18	d	Styrene	100-42-5	ug/L	7/10/2024	0.370	1.00		<0.370
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2024	0.380	1.00		<0.380
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2024	0.470	1.00		<0.470
MW-18	d	Tetrachloroethene	127-18-4	ug/L	7/10/2024	0.480	1.00		<0.480

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-18	d	Toluene	108-88-3	ug/L	7/10/2024	0.430	1.00		<0.430
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2024	1.10	10.0		<1.10
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2024	0.270	1.00		<0.270
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2024	0.560	5.00		<0.560
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2024	0.190	1.00		<0.190
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2024	0.450	1.00		<0.450
MW-18	d	Trichloroethene	79-01-6	ug/L	7/10/2024	0.430	1.00		<0.430
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	7/10/2024	0.380	4.00		<0.380
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2024	0.590	1.00		<0.590
MW-18	d	Vinyl Acetate	108-05-4	ug/L	7/10/2024	2.50	10.0		<2.50
MW-18	d	Vinyl Chloride	75-01-4	ug/L	7/10/2024	0.180	1.00		<0.180
MW-18	d	Xylenes, total	1330-20-7	ug/L	7/10/2024	0.400	3.00		<0.400
MW-18	d	Total Suspended Solids	TSS	mg/L	7/10/2024	3.70	5.00		27.7
MW-26	d	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		0.009
MW-26	d	Iron	7439-89-6	mg/L	10/14/2024	0.036	0.1		24.9
MW-26	d	Manganese	7439-96-5	mg/L	10/14/2024	0.0036	0.01		5.15
MW-26	d	Sulfate	14808-79-8	mg/L	10/14/2024	2.1	5		272
MW-26	d	Total Organic Carbon	TOC	mg/L	10/14/2024	0.5	1		5.03
MW-26	d	Total Suspended Solids	TSS	mg/L	10/14/2024	5.55	7.5		33
MW-1	d	Antimony	7440-36-0	mg/L	10/14/2024	0.001	0.002		<0.00100
MW-1	d	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		0.00483
MW-1	d	Barium	7440-39-3	mg/L	10/14/2024	0.00066	0.002		0.119
MW-1	d	Beryllium	7440-41-7	mg/L	10/14/2024	0.00033	0.001		<0.000330
MW-1	d	Cadmium	7440-43-9	mg/L	10/14/2024	0.0001	0.0002		<0.000100
MW-1	d	Chromium	7440-47-3	mg/L	10/14/2024	0.0012	0.005		<0.00120
MW-1	d	Cobalt	7440-48-4	mg/L	10/14/2024	0.00017	0.0005	J	0.000404
MW-1	d	Copper	7440-50-8	mg/L	10/14/2024	0.0018	0.005	J	0.00189
MW-1	d	Lead	7439-92-1	mg/L	10/14/2024	0.00026	0.0005		<0.000260
MW-1	d	Nickel	7440-02-0	mg/L	10/14/2024	0.0021	0.005	J	0.00229
MW-1	d	Selenium	7782-49-2	mg/L	10/14/2024	0.0014	0.005		<0.00140
MW-1	d	Silver	7440-22-4	mg/L	10/14/2024	0.0005	0.001		<0.000500
MW-1	d	Thallium	7440-28-0	mg/L	10/14/2024	0.00057	0.001		<0.000570
MW-1	d	Vanadium	7440-62-2	mg/L	10/14/2024	0.0011	0.005		<0.00110
MW-1	d	Zinc	7440-66-6	mg/L	10/14/2024	0.0097	0.02		<0.00970
MW-1	d	Acetone	67-64-1	ug/L	10/14/2024	3.1	10		<3.10
MW-1	d	Acrylonitrile	107-13-1	ug/L	10/14/2024	2.2	10		<2.20
MW-1	d	Benzene	71-43-2	ug/L	10/14/2024	0.22	0.5		<0.220
MW-1	d	Bromochloromethane	74-97-5	ug/L	10/14/2024	0.54	5		<0.540
MW-1	d	Bromodichloromethane	75-27-4	ug/L	10/14/2024	0.39	1		<0.390
MW-1	d	Bromoform	75-25-2	ug/L	10/14/2024	0.78	5		<0.780
MW-1	d	Bromomethane	74-83-9	ug/L	10/14/2024	1.1	4		<1.10
MW-1	d	2-Butanone	78-93-3	ug/L	10/14/2024	2.1	10		<2.10
MW-1	d	Carbon Disulfide	75-15-0	ug/L	10/14/2024	0.45	1		<0.450
MW-1	d	Carbon Tetrachloride	56-23-5	ug/L	10/14/2024	0.65	2		<0.650
MW-1	d	Chlorobenzene	108-90-7	ug/L	10/14/2024	0.4	1		<0.400
MW-1	d	Chlorodibromomethane	124-48-1	ug/L	10/14/2024	0.75	5		<0.750
MW-1	d	Chloroethane	75-00-3	ug/L	10/14/2024	0.79	4		<0.790
MW-1	d	Chloroform	67-66-3	ug/L	10/14/2024	1.3	3		<1.30
MW-1	d	Chloromethane	74-87-3	ug/L	10/14/2024	0.61	3		<0.610
MW-1	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024	0.21	1		<0.210
MW-1	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024	0.25	5		<0.250
MW-1	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024	1.2	1.2		<1.20
MW-1	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/14/2024	0.34	0.34		<0.340
MW-1	d	Methylene Bromide	74-95-3	ug/L	10/14/2024	0.33	1		<0.330
MW-1	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024	0.37	1		<0.370
MW-1	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024	0.23	1		<0.230
MW-1	d	1,1-Dichloroethane	75-34-3	ug/L	10/14/2024	0.22	1		<0.220
MW-1	d	1,2-Dichloroethane	107-06-2	ug/L	10/14/2024	0.39	1		<0.390
MW-1	d	1,1-Dichloroethene	75-35-4	ug/L	10/14/2024	0.56	2		<0.560
MW-1	d	1,2-Dichloropropane	78-87-5	ug/L	10/14/2024	0.27	1		<0.270
MW-1	d	Ethylbenzene	100-41-4	ug/L	10/14/2024	0.31	1		<0.310
MW-1	d	2-Hexanone	591-78-6	ug/L	10/14/2024	2	10		<2.00
MW-1	d	Iodomethane	74-88-4	ug/L	10/14/2024	7	10		<7.00
MW-1	d	Methylene Chloride	75-09-2	ug/L	10/14/2024	1.7	5		<1.70
MW-1	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/14/2024	2.1	10		<2.10
MW-1	d	Styrene	100-42-5	ug/L	10/14/2024	0.37	1		<0.370
MW-1	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2024	0.38	1		<0.380
MW-1	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024	0.47	1		<0.470
MW-1	d	Tetrachloroethene	127-18-4	ug/L	10/14/2024	0.48	1		<0.480
MW-1	d	Toluene	108-88-3	ug/L	10/14/2024	0.43	1		<0.430
MW-1	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2024	1.1	10		<1.10
MW-1	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024	0.27	1		<0.270
MW-1	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024	0.56	5		<0.560
MW-1	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024	0.19	1		<0.190
MW-1	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024	0.45	1		<0.450
MW-1	d	Trichloroethene	79-01-6	ug/L	10/14/2024	0.43	1		<0.430
MW-1	d	Trichlorofluoromethane	75-69-4	ug/L	10/14/2024	0.38	4		<0.380
MW-1	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024	0.59	1		<0.590
MW-1	d	Vinyl Acetate	108-05-4	ug/L	10/14/2024	2.5	10		<2.50

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	d	Vinyl Chloride	75-01-4	ug/L	10/14/2024	0.18	1		<0.180
MW-1	d	Xylenes, total	1330-20-7	ug/L	10/14/2024	0.4	3		<0.400
MW-1	d	Total Suspended Solids	TSS	mg/L	10/14/2024	1.39	1.88		<1.39
MW-20	d	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		0.0348
MW-20	d	Iron	7439-89-6	mg/L	10/14/2024	0.036	0.1		30.4
MW-20	d	Manganese	7439-96-5	mg/L	10/14/2024	0.0036	0.01		3.06
MW-20	d	Sulfate	14808-79-8	mg/L	10/14/2024	2.1	5		141
MW-20	d	Total Organic Carbon	TOC	mg/L	10/14/2024	0.5	1		10.2
MW-20	d	Total Suspended Solids	TSS	mg/L	10/14/2024	11.1	15		72
MW-12	d	Antimony	7440-36-0	mg/L	10/14/2024	0.001	0.002		<0.00100
MW-12	d	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		<0.000530
MW-12	d	Barium	7440-39-3	mg/L	10/14/2024	0.00066	0.002		0.119
MW-12	d	Beryllium	7440-41-7	mg/L	10/14/2024	0.00033	0.001		<0.000330
MW-12	d	Cadmium	7440-43-9	mg/L	10/14/2024	0.0001	0.0002		<0.000100
MW-12	d	Chromium	7440-47-3	mg/L	10/14/2024	0.0012	0.005		<0.00120
MW-12	d	Cobalt	7440-48-4	mg/L	10/14/2024	0.00017	0.0005		0.00106
MW-12	d	Copper	7440-50-8	mg/L	10/14/2024	0.0018	0.005		<0.00180
MW-12	d	Lead	7439-92-1	mg/L	10/14/2024	0.00026	0.0005		<0.000260
MW-12	d	Nickel	7440-02-0	mg/L	10/14/2024	0.0021	0.005		0.0161
MW-12	d	Selenium	7782-49-2	mg/L	10/14/2024	0.0014	0.005		<0.00140
MW-12	d	Silver	7440-22-4	mg/L	10/14/2024	0.0005	0.001		<0.000500
MW-12	d	Thallium	7440-28-0	mg/L	10/14/2024	0.00057	0.001		<0.000570
MW-12	d	Vanadium	7440-62-2	mg/L	10/14/2024	0.0011	0.005		<0.00110
MW-12	d	Zinc	7440-66-6	mg/L	10/14/2024	0.0097	0.02		<0.00970
MW-12	d	Acetone	67-64-1	ug/L	10/14/2024	3.1	10		<3.10
MW-12	d	Acrylonitrile	107-13-1	ug/L	10/14/2024	2.2	10		<2.20
MW-12	d	Benzene	71-43-2	ug/L	10/14/2024	0.22	0.5		<0.220
MW-12	d	Bromochloromethane	74-97-5	ug/L	10/14/2024	0.54	5		<0.540
MW-12	d	Bromodichloromethane	75-27-4	ug/L	10/14/2024	0.39	1		<0.390
MW-12	d	Bromoform	75-25-2	ug/L	10/14/2024	0.78	5		<0.780
MW-12	d	Bromomethane	74-83-9	ug/L	10/14/2024	1.1	4		<1.10
MW-12	d	2-Butanone	78-93-3	ug/L	10/14/2024	2.1	10		<2.10
MW-12	d	Carbon Disulfide	75-15-0	ug/L	10/14/2024	0.45	1		<0.450
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	10/14/2024	0.65	2		<0.650
MW-12	d	Chlorobenzene	108-90-7	ug/L	10/14/2024	0.4	1		<0.400
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	10/14/2024	0.75	5		<0.750
MW-12	d	Chloroethane	75-00-3	ug/L	10/14/2024	0.79	4		<0.790
MW-12	d	Chloroform	67-66-3	ug/L	10/14/2024	1.3	3		<1.30
MW-12	d	Chloromethane	74-87-3	ug/L	10/14/2024	0.61	3		<0.610
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024	0.21	1		<0.210
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024	0.25	5		<0.250
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024	1.2	1.2		<1.20
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/14/2024	0.34	0.34		<0.340
MW-12	d	Methylene Bromide	74-95-3	ug/L	10/14/2024	0.33	1		<0.330
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024	0.37	1		<0.370
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024	0.23	1		<0.230
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	10/14/2024	0.22	1		<0.220
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	10/14/2024	0.39	1		<0.390
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	10/14/2024	0.56	2		<0.560
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	10/14/2024	0.27	1		<0.270
MW-12	d	Ethylbenzene	100-41-4	ug/L	10/14/2024	0.31	1		<0.310
MW-12	d	2-Hexanone	591-78-6	ug/L	10/14/2024	2	10		<2.00
MW-12	d	Iodomethane	74-88-4	ug/L	10/14/2024	7	10		<7.00
MW-12	d	Methylene Chloride	75-09-2	ug/L	10/14/2024	1.7	5		<1.70
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/14/2024	2.1	10		<2.10
MW-12	d	Styrene	100-42-5	ug/L	10/14/2024	0.37	1		<0.370
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2024	0.38	1		<0.380
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024	0.47	1		<0.470
MW-12	d	Tetrachloroethene	127-18-4	ug/L	10/14/2024	0.48	1		<0.480
MW-12	d	Toluene	108-88-3	ug/L	10/14/2024	0.43	1		<0.430
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2024	1.1	10		<1.10
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024	0.27	1		<0.270
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024	0.56	5		<0.560
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024	0.19	1		<0.190
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024	0.45	1		<0.450
MW-12	d	Trichloroethene	79-01-6	ug/L	10/14/2024	0.43	1		<0.430
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	10/14/2024	0.38	4		<0.380
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024	0.59	1		<0.590
MW-12	d	Vinyl Acetate	108-05-4	ug/L	10/14/2024	2.5	10		<2.50
MW-12	d	Vinyl Chloride	75-01-4	ug/L	10/14/2024	0.18	1		<0.180
MW-12	d	Xylenes, total	1330-20-7	ug/L	10/14/2024	0.4	3		<0.400
MW-12	d	Total Suspended Solids	TSS	mg/L	10/14/2024	1.39	1.88		<1.39
MW-21	d	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		0.0205
MW-21	d	Iron	7439-89-6	mg/L	10/14/2024	0.036	0.1		30
MW-21	d	Manganese	7439-96-5	mg/L	10/14/2024	0.0036	0.01		3.92
MW-21	d	Sulfate	14808-79-8	mg/L	10/14/2024	2.1	5		119
MW-21	d	Total Organic Carbon	TOC	mg/L	10/14/2024	0.5	1		13.7
MW-21	d	Total Suspended Solids	TSS	mg/L	10/14/2024	11.1	15		70
MW-6A	u	Antimony	7440-36-0	mg/L	10/14/2024	0.001	0.002		<0.00100

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		<0.000530
MW-6A	u	Barium	7440-39-3	mg/L	10/14/2024	0.00066	0.002		0.265
MW-6A	u	Beryllium	7440-41-7	mg/L	10/14/2024	0.00033	0.001		<0.000330
MW-6A	u	Cadmium	7440-43-9	mg/L	10/14/2024	0.0001	0.0002		<0.000100
MW-6A	u	Chromium	7440-47-3	mg/L	10/14/2024	0.0012	0.005		<0.00120
MW-6A	u	Cobalt	7440-48-4	mg/L	10/14/2024	0.00017	0.0005	J	0.000358
MW-6A	u	Copper	7440-50-8	mg/L	10/14/2024	0.0018	0.005		<0.00180
MW-6A	u	Iron	7439-89-6	mg/L	10/14/2024	0.036	0.1	J	0.0871
MW-6A	u	Lead	7439-92-1	mg/L	10/14/2024	0.00026	0.0005		<0.000260
MW-6A	u	Manganese	7439-96-5	mg/L	10/14/2024	0.0036	0.01		0.0124
MW-6A	u	Nickel	7440-02-0	mg/L	10/14/2024	0.0021	0.005		<0.00210
MW-6A	u	Selenium	7782-49-2	mg/L	10/14/2024	0.0014	0.005		<0.00140
MW-6A	u	Silver	7440-22-4	mg/L	10/14/2024	0.0005	0.001		<0.000500
MW-6A	u	Thallium	7440-28-0	mg/L	10/14/2024	0.00057	0.001		<0.000570
MW-6A	u	Vanadium	7440-62-2	mg/L	10/14/2024	0.0011	0.005		<0.00110
MW-6A	u	Zinc	7440-66-6	mg/L	10/14/2024	0.0097	0.02		<0.00970
MW-6A	u	Acetone	67-64-1	ug/L	10/14/2024	3.1	10		<3.10
MW-6A	u	Acrylonitrile	107-13-1	ug/L	10/14/2024	2.2	10		<2.20
MW-6A	u	Benzene	71-43-2	ug/L	10/14/2024	0.22	0.5		<0.220
MW-6A	u	Bromochloromethane	74-97-5	ug/L	10/14/2024	0.54	5		<0.540
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	10/14/2024	0.39	1		<0.390
MW-6A	u	Bromoform	75-25-2	ug/L	10/14/2024	0.78	5		<0.780
MW-6A	u	Bromomethane	74-83-9	ug/L	10/14/2024	1.1	4		<1.10
MW-6A	u	2-Butanone	78-93-3	ug/L	10/14/2024	2.1	10		<2.10
MW-6A	u	Carbon Disulfide	75-15-0	ug/L	10/14/2024	0.45	1		<0.450
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	10/14/2024	0.65	2		<0.650
MW-6A	u	Chlorobenzene	108-90-7	ug/L	10/14/2024	0.4	1		<0.400
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	10/14/2024	0.75	5		<0.750
MW-6A	u	Chloroethane	75-00-3	ug/L	10/14/2024	0.79	4		<0.790
MW-6A	u	Chloroform	67-66-3	ug/L	10/14/2024	1.3	3		<1.30
MW-6A	u	Chloromethane	74-87-3	ug/L	10/14/2024	0.61	3		<0.610
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024	0.21	1		<0.210
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024	0.25	5		<0.250
MW-6A	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024	1.2	1.2		<1.20
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/14/2024	0.34	0.34		<0.340
MW-6A	u	Methylene Bromide	74-95-3	ug/L	10/14/2024	0.33	1		<0.330
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024	0.37	1		<0.370
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024	0.23	1		<0.230
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	10/14/2024	0.22	1		<0.220
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	10/14/2024	0.39	1		<0.390
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	10/14/2024	0.56	2		<0.560
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	10/14/2024	0.27	1		<0.270
MW-6A	u	Ethylbenzene	100-41-4	ug/L	10/14/2024	0.31	1		<0.310
MW-6A	u	2-Hexanone	591-78-6	ug/L	10/14/2024	2	10		<2.00
MW-6A	u	Iodomethane	74-88-4	ug/L	10/14/2024	7	10		<7.00
MW-6A	u	Methylene Chloride	75-09-2	ug/L	10/14/2024	1.7	5		<1.70
MW-6A	u	4-Methyl-2-Pentanone	108-10-1	ug/L	10/14/2024	2.1	10		<2.10
MW-6A	u	Styrene	100-42-5	ug/L	10/14/2024	0.37	1		<0.370
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2024	0.38	1		<0.380
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024	0.47	1		<0.470
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	10/14/2024	0.48	1		<0.480
MW-6A	u	Toluene	108-88-3	ug/L	10/14/2024	0.43	1		<0.430
MW-6A	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2024	1.1	10		<1.10
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024	0.27	1		<0.270
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024	0.56	5		<0.560
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024	0.19	1		<0.190
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024	0.45	1		<0.450
MW-6A	u	Trichloroethene	79-01-6	ug/L	10/14/2024	0.43	1		<0.430
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	10/14/2024	0.38	4		<0.380
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024	0.59	1		<0.590
MW-6A	u	Vinyl Acetate	108-05-4	ug/L	10/14/2024	2.5	10		<2.50
MW-6A	u	Vinyl Chloride	75-01-4	ug/L	10/14/2024	0.18	1		<0.180
MW-6A	u	Xylenes, total	1330-20-7	ug/L	10/14/2024	0.4	3		<0.400
MW-6A	u	Sulfate	14808-79-8	mg/L	10/14/2024	2.1	5		29.3
MW-6A	u	Total Organic Carbon	TOC	mg/L	10/14/2024	0.5	1		1.07
MW-6A	u	Total Suspended Solids	TSS	mg/L	10/14/2024	1.39	1.88		4.13
MW-2AR	d	Antimony	7440-36-0	mg/L	10/14/2024	0.001	0.002		<0.00100
MW-2AR	d	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		0.054
MW-2AR	d	Barium	7440-39-3	mg/L	10/14/2024	0.00066	0.002		0.874
MW-2AR	d	Beryllium	7440-41-7	mg/L	10/14/2024	0.00033	0.001		<0.000330
MW-2AR	d	Cadmium	7440-43-9	mg/L	10/14/2024	0.0001	0.0002		<0.000100
MW-2AR	d	Chromium	7440-47-3	mg/L	10/14/2024	0.0012	0.005		<0.00120
MW-2AR	d	Cobalt	7440-48-4	mg/L	10/14/2024	0.00017	0.0005		0.00149
MW-2AR	d	Copper	7440-50-8	mg/L	10/14/2024	0.0018	0.005		<0.00180
MW-2AR	d	Iron	7439-89-6	mg/L	10/14/2024	0.036	0.1		34.1
MW-2AR	d	Lead	7439-92-1	mg/L	10/14/2024	0.00026	0.0005		<0.000260
MW-2AR	d	Manganese	7439-96-5	mg/L	10/14/2024	0.0036	0.01		2.56
MW-2AR	d	Nickel	7440-02-0	mg/L	10/14/2024	0.0021	0.005		0.0133
MW-2AR	d	Selenium	7782-49-2	mg/L	10/14/2024	0.0014	0.005		<0.00140

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Silver	7440-22-4	mg/L	10/14/2024	0.0005	0.001		<0.000500
MW-2AR	d	Thallium	7440-28-0	mg/L	10/14/2024	0.00057	0.001		<0.000570
MW-2AR	d	Vanadium	7440-62-2	mg/L	10/14/2024	0.0011	0.005	J	0.00153
MW-2AR	d	Zinc	7440-66-6	mg/L	10/14/2024	0.0097	0.02		<0.00970
MW-2AR	d	Acetone	67-64-1	ug/L	10/14/2024	3.1	10		<3.10
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	10/14/2024	2.2	10		<2.20
MW-2AR	d	Benzene	71-43-2	ug/L	10/14/2024	0.22	0.5		<0.220
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	10/14/2024	0.54	5		<0.540
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	10/14/2024	0.39	1		<0.390
MW-2AR	d	Bromoform	75-25-2	ug/L	10/14/2024	0.78	5		<0.780
MW-2AR	d	Bromomethane	74-83-9	ug/L	10/14/2024	1.1	4		<1.10
MW-2AR	d	2-Butanone	78-93-3	ug/L	10/14/2024	2.1	10		<2.10
MW-2AR	d	Carbon Disulfide	75-15-0	ug/L	10/14/2024	0.45	1		<0.450
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	10/14/2024	0.65	2		<0.650
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	10/14/2024	0.4	1		1.24
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	10/14/2024	0.75	5		<0.750
MW-2AR	d	Chloroethane	75-00-3	ug/L	10/14/2024	0.79	4	J	2.97
MW-2AR	d	Chloroform	67-66-3	ug/L	10/14/2024	1.3	3		<1.30
MW-2AR	d	Chloromethane	74-87-3	ug/L	10/14/2024	0.61	3		<0.610
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024	0.21	1		<0.210
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024	0.25	5		<0.250
MW-2AR	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024	1.2	1.2		<1.20
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/14/2024	0.34	0.34		<0.340
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	10/14/2024	0.33	1		<0.330
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024	0.37	1		<0.370
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024	0.23	1	J	0.873
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	10/14/2024	0.22	1		<0.220
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	10/14/2024	0.39	1		<0.390
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	10/14/2024	0.56	2		<0.560
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	10/14/2024	0.27	1		<0.270
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	10/14/2024	0.31	1		<0.310
MW-2AR	d	2-Hexanone	591-78-6	ug/L	10/14/2024	2	10		<2.00
MW-2AR	d	Iodomethane	74-88-4	ug/L	10/14/2024	7	10		<7.00
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	10/14/2024	1.7	5		<1.70
MW-2AR	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/14/2024	2.1	10		<2.10
MW-2AR	d	Styrene	100-42-5	ug/L	10/14/2024	0.37	1		<0.370
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2024	0.38	1		<0.380
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024	0.47	1		<0.470
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	10/14/2024	0.48	1		<0.480
MW-2AR	d	Toluene	108-88-3	ug/L	10/14/2024	0.43	1		<0.430
MW-2AR	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2024	1.1	10		<1.10
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024	0.27	1		<0.270
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024	0.56	5		<0.560
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024	0.19	1		<0.190
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024	0.45	1		<0.450
MW-2AR	d	Trichloroethene	79-01-6	ug/L	10/14/2024	0.43	1		<0.430
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	10/14/2024	0.38	4		<0.380
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024	0.59	1		<0.590
MW-2AR	d	Vinyl Acetate	108-05-4	ug/L	10/14/2024	2.5	10		<2.50
MW-2AR	d	Vinyl Chloride	75-01-4	ug/L	10/14/2024	0.18	1		<0.180
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	10/14/2024	0.4	3		<0.400
MW-2AR	d	Sulfate	14808-79-8	mg/L	10/14/2024	2.1	5		128
MW-2AR	d	Total Organic Carbon	TOC	mg/L	10/14/2024	0.5	1		12.6
MW-2AR	d	Total Suspended Solids	TSS	mg/L	10/14/2024	11.1	15		60
MW-9B	d	Antimony	7440-36-0	mg/L	10/14/2024	0.005	0.01		<0.00500
MW-9B	d	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002	J	0.00114
MW-9B	d	Barium	7440-39-3	mg/L	10/14/2024	0.00066	0.002		0.0321
MW-9B	d	Beryllium	7440-41-7	mg/L	10/14/2024	0.00165	0.005		<0.00165
MW-9B	d	Cadmium	7440-43-9	mg/L	10/14/2024	0.0005	0.001		<0.000500
MW-9B	d	Chromium	7440-47-3	mg/L	10/14/2024	0.0012	0.005		<0.00120
MW-9B	d	Cobalt	7440-48-4	mg/L	10/14/2024	0.00017	0.0005		0.0109
MW-9B	d	Copper	7440-50-8	mg/L	10/14/2024	0.0018	0.005		<0.00180
MW-9B	d	Lead	7439-92-1	mg/L	10/14/2024	0.00026	0.0005		<0.000260
MW-9B	d	Nickel	7440-02-0	mg/L	10/14/2024	0.0105	0.025	J	0.0143
MW-9B	d	Selenium	7782-49-2	mg/L	10/14/2024	0.0014	0.005		<0.00140
MW-9B	d	Silver	7440-22-4	mg/L	10/14/2024	0.0025	0.005		<0.00250
MW-9B	d	Thallium	7440-28-0	mg/L	10/14/2024	0.00228	0.004		<0.00228
MW-9B	d	Vanadium	7440-62-2	mg/L	10/14/2024	0.0011	0.005		<0.00110
MW-9B	d	Zinc	7440-66-6	mg/L	10/14/2024	0.0485	0.1		<0.0485
MW-9B	d	Acetone	67-64-1	ug/L	10/14/2024	3.1	10		<3.10
MW-9B	d	Acrylonitrile	107-13-1	ug/L	10/14/2024	2.2	10		<2.20
MW-9B	d	Benzene	71-43-2	ug/L	10/14/2024	0.22	0.5		<0.220
MW-9B	d	Bromochloromethane	74-97-5	ug/L	10/14/2024	0.54	5		<0.540
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	10/14/2024	0.39	1		<0.390
MW-9B	d	Bromoform	75-25-2	ug/L	10/14/2024	0.78	5		<0.780
MW-9B	d	Bromomethane	74-83-9	ug/L	10/14/2024	1.1	4		<1.10
MW-9B	d	2-Butanone	78-93-3	ug/L	10/14/2024	2.1	10		<2.10
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	10/14/2024	0.45	1		<0.450
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	10/14/2024	0.65	2		<0.650

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Chlorobenzene	108-90-7	ug/L	10/14/2024	0.4	1		<0.400
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	10/14/2024	0.75	5		<0.750
MW-9B	d	Chloroethane	75-00-3	ug/L	10/14/2024	0.79	4		<0.790
MW-9B	d	Chloroform	67-66-3	ug/L	10/14/2024	1.3	3		<1.30
MW-9B	d	Chloromethane	74-87-3	ug/L	10/14/2024	0.61	3		<0.610
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024	0.21	1		<0.210
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024	0.25	5		<0.250
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024	1.2	1.2		<1.20
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/14/2024	0.34	0.34		<0.340
MW-9B	d	Methylene Bromide	74-95-3	ug/L	10/14/2024	0.33	1		<0.330
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024	0.37	1		<0.370
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024	0.23	1		<0.230
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	10/14/2024	0.22	1		<0.220
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	10/14/2024	0.39	1		<0.390
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	10/14/2024	0.56	2		<0.560
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	10/14/2024	0.27	1		<0.270
MW-9B	d	Ethylbenzene	100-41-4	ug/L	10/14/2024	0.31	1		<0.310
MW-9B	d	2-Hexanone	591-78-6	ug/L	10/14/2024	2	10		<2.00
MW-9B	d	Iodomethane	74-88-4	ug/L	10/14/2024	7	10		<7.00
MW-9B	d	Methylene Chloride	75-09-2	ug/L	10/14/2024	1.7	5		<1.70
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/14/2024	2.1	10		<2.10
MW-9B	d	Styrene	100-42-5	ug/L	10/14/2024	0.37	1		<0.370
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2024	0.38	1		<0.380
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024	0.47	1		<0.470
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	10/14/2024	0.48	1		<0.480
MW-9B	d	Toluene	108-88-3	ug/L	10/14/2024	0.43	1		<0.430
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2024	1.1	10		<1.10
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024	0.27	1		<0.270
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024	0.56	5		<0.560
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024	0.19	1		<0.190
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024	0.45	1		<0.450
MW-9B	d	Trichloroethene	79-01-6	ug/L	10/14/2024	0.43	1		<0.430
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	10/14/2024	0.38	4		<0.380
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024	0.59	1		<0.590
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	10/14/2024	2.5	10		<2.50
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	10/14/2024	0.18	1		<0.180
MW-9B	d	Xylenes, total	1330-20-7	ug/L	10/14/2024	0.4	3		<0.400
MW-9B	d	Total Suspended Solids	TSS	mg/L	10/14/2024	1.39	1.88		7.38
MW-17	d	Antimony	7440-36-0	mg/L	10/14/2024	0.001	0.002		<0.00100
MW-17	d	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		0.00837
MW-17	d	Barium	7440-39-3	mg/L	10/14/2024	0.00066	0.002		0.172
MW-17	d	Beryllium	7440-41-7	mg/L	10/14/2024	0.00033	0.001		<0.000330
MW-17	d	Cadmium	7440-43-9	mg/L	10/14/2024	0.0001	0.0002		<0.000100
MW-17	d	Chromium	7440-47-3	mg/L	10/14/2024	0.0012	0.005		<0.00120
MW-17	d	Cobalt	7440-48-4	mg/L	10/14/2024	0.00017	0.0005		0.00336
MW-17	d	Copper	7440-50-8	mg/L	10/14/2024	0.0018	0.005		<0.00180
MW-17	d	Lead	7439-92-1	mg/L	10/14/2024	0.00026	0.0005	J	0.000354
MW-17	d	Nickel	7440-02-0	mg/L	10/14/2024	0.0021	0.005	J	0.00483
MW-17	d	Selenium	7782-49-2	mg/L	10/14/2024	0.0014	0.005		<0.00140
MW-17	d	Silver	7440-22-4	mg/L	10/14/2024	0.0005	0.001		<0.000500
MW-17	d	Thallium	7440-28-0	mg/L	10/14/2024	0.00057	0.001		<0.000570
MW-17	d	Vanadium	7440-62-2	mg/L	10/14/2024	0.0011	0.005		<0.00110
MW-17	d	Zinc	7440-66-6	mg/L	10/14/2024	0.0097	0.02		<0.00970
MW-17	d	Acetone	67-64-1	ug/L	10/14/2024	3.1	10		<3.10
MW-17	d	Acrylonitrile	107-13-1	ug/L	10/14/2024	2.2	10		<2.20
MW-17	d	Benzene	71-43-2	ug/L	10/14/2024	0.22	0.5		<0.220
MW-17	d	Bromochloromethane	74-97-5	ug/L	10/14/2024	0.54	5		<0.540
MW-17	d	Bromodichloromethane	75-27-4	ug/L	10/14/2024	0.39	1		<0.390
MW-17	d	Bromoform	75-25-2	ug/L	10/14/2024	0.78	5		<0.780
MW-17	d	Bromomethane	74-83-9	ug/L	10/14/2024	1.1	4		<1.10
MW-17	d	2-Butanone	78-93-3	ug/L	10/14/2024	2.1	10		<2.10
MW-17	d	Carbon Disulfide	75-15-0	ug/L	10/14/2024	0.45	1		<0.450
MW-17	d	Carbon Tetrachloride	56-23-5	ug/L	10/14/2024	0.65	2		<0.650
MW-17	d	Chlorobenzene	108-90-7	ug/L	10/14/2024	0.4	1		<0.400
MW-17	d	Chlorodibromomethane	124-48-1	ug/L	10/14/2024	0.75	5		<0.750
MW-17	d	Chloroethane	75-00-3	ug/L	10/14/2024	0.79	4		<0.790
MW-17	d	Chloroform	67-66-3	ug/L	10/14/2024	1.3	3		<1.30
MW-17	d	Chloromethane	74-87-3	ug/L	10/14/2024	0.61	3		<0.610
MW-17	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024	0.21	1		<0.210
MW-17	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024	0.25	5		<0.250
MW-17	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024	1.2	1.2		<1.20
MW-17	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/14/2024	0.34	0.34		<0.340
MW-17	d	Methylene Bromide	74-95-3	ug/L	10/14/2024	0.33	1		<0.330
MW-17	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024	0.37	1		<0.370
MW-17	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024	0.23	1		<0.230
MW-17	d	1,1-Dichloroethane	75-34-3	ug/L	10/14/2024	0.22	1		<0.220
MW-17	d	1,2-Dichloroethane	107-06-2	ug/L	10/14/2024	0.39	1		<0.390
MW-17	d	1,1-Dichloroethene	75-35-4	ug/L	10/14/2024	0.56	2		<0.560
MW-17	d	1,2-Dichloropropane	78-87-5	ug/L	10/14/2024	0.27	1		<0.270

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-17	d	Ethylbenzene	100-41-4	ug/L	10/14/2024	0.31	1		<0.310
MW-17	d	2-Hexanone	591-78-6	ug/L	10/14/2024	2	10		<2.00
MW-17	d	Iodomethane	74-88-4	ug/L	10/14/2024	7	10		<7.00
MW-17	d	Methylene Chloride	75-09-2	ug/L	10/14/2024	1.7	5		<1.70
MW-17	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/14/2024	2.1	10		<2.10
MW-17	d	Styrene	100-42-5	ug/L	10/14/2024	0.37	1		<0.370
MW-17	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2024	0.38	1		<0.380
MW-17	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024	0.47	1		<0.470
MW-17	d	Tetrachloroethene	127-18-4	ug/L	10/14/2024	0.48	1		<0.480
MW-17	d	Toluene	108-88-3	ug/L	10/14/2024	0.43	1		<0.430
MW-17	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2024	1.1	10		<1.10
MW-17	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024	0.27	1		<0.270
MW-17	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024	0.56	5		<0.560
MW-17	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024	0.19	1		<0.190
MW-17	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024	0.45	1		<0.450
MW-17	d	Trichloroethene	79-01-6	ug/L	10/14/2024	0.43	1		<0.430
MW-17	d	Trichlorofluoromethane	75-69-4	ug/L	10/14/2024	0.38	4		<0.380
MW-17	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024	0.59	1		<0.590
MW-17	d	Vinyl Acetate	108-05-4	ug/L	10/14/2024	2.5	10		<2.50
MW-17	d	Vinyl Chloride	75-01-4	ug/L	10/14/2024	0.18	1		<0.180
MW-17	d	Xylenes, total	1330-20-7	ug/L	10/14/2024	0.4	3		<0.400
MW-17	d	Total Suspended Solids	TSS	mg/L	10/14/2024	2.78	3.75		12.8
MW-18	d	Antimony	7440-36-0	mg/L	10/14/2024	0.001	0.002		<0.00100
MW-18	d	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		0.00364
MW-18	d	Barium	7440-39-3	mg/L	10/14/2024	0.00066	0.002		0.081
MW-18	d	Beryllium	7440-41-7	mg/L	10/14/2024	0.00033	0.001		<0.000330
MW-18	d	Cadmium	7440-43-9	mg/L	10/14/2024	0.0001	0.0002		<0.000100
MW-18	d	Chromium	7440-47-3	mg/L	10/14/2024	0.0012	0.005		<0.00120
MW-18	d	Cobalt	7440-48-4	mg/L	10/14/2024	0.00017	0.0005		0.00149
MW-18	d	Copper	7440-50-8	mg/L	10/14/2024	0.0018	0.005		<0.00180
MW-18	d	Lead	7439-92-1	mg/L	10/14/2024	0.00026	0.0005		<0.000260
MW-18	d	Nickel	7440-02-0	mg/L	10/14/2024	0.0021	0.005		0.00513
MW-18	d	Selenium	7782-49-2	mg/L	10/14/2024	0.0014	0.005		<0.00140
MW-18	d	Silver	7440-22-4	mg/L	10/14/2024	0.0005	0.001		<0.000500
MW-18	d	Thallium	7440-28-0	mg/L	10/14/2024	0.00057	0.001		<0.000570
MW-18	d	Vanadium	7440-62-2	mg/L	10/14/2024	0.0011	0.005		<0.00110
MW-18	d	Zinc	7440-66-6	mg/L	10/14/2024	0.0097	0.02		<0.00970
MW-18	d	Acetone	67-64-1	ug/L	10/14/2024	3.1	10		<3.10
MW-18	d	Acrylonitrile	107-13-1	ug/L	10/14/2024	2.2	10		<2.20
MW-18	d	Benzene	71-43-2	ug/L	10/14/2024	0.22	0.5		<0.220
MW-18	d	Bromochloromethane	74-97-5	ug/L	10/14/2024	0.54	5		<0.540
MW-18	d	Bromodichloromethane	75-27-4	ug/L	10/14/2024	0.39	1		<0.390
MW-18	d	Bromoform	75-25-2	ug/L	10/14/2024	0.78	5		<0.780
MW-18	d	Bromomethane	74-83-9	ug/L	10/14/2024	1.1	4		<1.10
MW-18	d	2-Butanone	78-93-3	ug/L	10/14/2024	2.1	10		<2.10
MW-18	d	Carbon Disulfide	75-15-0	ug/L	10/14/2024	0.45	1		<0.450
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	10/14/2024	0.65	2		<0.650
MW-18	d	Chlorobenzene	108-90-7	ug/L	10/14/2024	0.4	1		<0.400
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	10/14/2024	0.75	5		<0.750
MW-18	d	Chloroethane	75-00-3	ug/L	10/14/2024	0.79	4		<0.790
MW-18	d	Chloroform	67-66-3	ug/L	10/14/2024	1.3	3		<1.30
MW-18	d	Chloromethane	74-87-3	ug/L	10/14/2024	0.61	3		<0.610
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024	0.21	1		<0.210
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024	0.25	5		<0.250
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024	1.2	1.2		<1.20
MW-18	d	1,2-Dibromomethane [EDB]	106-93-4	ug/L	10/14/2024	0.34	0.34		<0.340
MW-18	d	Methylene Bromide	74-95-3	ug/L	10/14/2024	0.33	1		<0.330
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024	0.37	1		<0.370
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024	0.23	1		<0.230
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	10/14/2024	0.22	1		<0.220
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	10/14/2024	0.39	1		<0.390
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	10/14/2024	0.56	2		<0.560
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	10/14/2024	0.27	1		<0.270
MW-18	d	Ethylbenzene	100-41-4	ug/L	10/14/2024	0.31	1		<0.310
MW-18	d	2-Hexanone	591-78-6	ug/L	10/14/2024	2	10		<2.00
MW-18	d	Iodomethane	74-88-4	ug/L	10/14/2024	7	10		<7.00
MW-18	d	Methylene Chloride	75-09-2	ug/L	10/14/2024	1.7	5		<1.70
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	10/14/2024	2.1	10		<2.10
MW-18	d	Styrene	100-42-5	ug/L	10/14/2024	0.37	1		<0.370
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2024	0.38	1		<0.380
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024	0.47	1		<0.470
MW-18	d	Tetrachloroethene	127-18-4	ug/L	10/14/2024	0.48	1		<0.480
MW-18	d	Toluene	108-88-3	ug/L	10/14/2024	0.43	1		<0.430
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2024	1.1	10		<1.10
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024	0.27	1		<0.270
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024	0.56	5		<0.560
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024	0.19	1		<0.190
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024	0.45	1		<0.450
MW-18	d	Trichloroethene	79-01-6	ug/L	10/14/2024	0.43	1		<0.430

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	10/14/2024	0.38	4		<0.380
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024	0.59	1		<0.590
MW-18	d	Vinyl Acetate	108-05-4	ug/L	10/14/2024	2.5	10		<2.50
MW-18	d	Vinyl Chloride	75-01-4	ug/L	10/14/2024	0.18	1		<0.180
MW-18	d	Xylenes, total	1330-20-7	ug/L	10/14/2024	0.4	3		<0.400
MW-18	d	Total Suspended Solids	TSS	mg/L	10/14/2024	1.39	1.88		3.25
MW-28	u	Antimony	7440-36-0	mg/L	10/14/2024	0.001	0.002		<0.00100
MW-28	u	Arsenic	7440-38-2	mg/L	10/14/2024	0.00053	0.002		<0.000530
MW-28	u	Barium	7440-39-3	mg/L	10/14/2024	0.00066	0.002		0.0697
MW-28	u	Beryllium	7440-41-7	mg/L	10/14/2024	0.00033	0.001		<0.000330
MW-28	u	Cadmium	7440-43-9	mg/L	10/14/2024	0.0001	0.0002	J	0.000191
MW-28	u	Chromium	7440-47-3	mg/L	10/14/2024	0.0012	0.005		<0.00120
MW-28	u	Cobalt	7440-48-4	mg/L	10/14/2024	0.00017	0.0005		<0.000170
MW-28	u	Copper	7440-50-8	mg/L	10/14/2024	0.0018	0.005		<0.00180
MW-28	u	Iron	7439-89-6	mg/L	10/14/2024	0.036	0.1		<0.0360
MW-28	u	Lead	7439-92-1	mg/L	10/14/2024	0.00026	0.0005		<0.000260
MW-28	u	Manganese	7439-96-5	mg/L	10/14/2024	0.0036	0.01		<0.00360
MW-28	u	Nickel	7440-02-0	mg/L	10/14/2024	0.0021	0.005		0.0092
MW-28	u	Selenium	7782-49-2	mg/L	10/14/2024	0.0014	0.005		<0.00140
MW-28	u	Silver	7440-22-4	mg/L	10/14/2024	0.0005	0.001		<0.000500
MW-28	u	Thallium	7440-28-0	mg/L	10/14/2024	0.00057	0.001		<0.000570
MW-28	u	Vanadium	7440-62-2	mg/L	10/14/2024	0.0011	0.005		<0.00110
MW-28	u	Zinc	7440-66-6	mg/L	10/14/2024	0.0097	0.02		<0.00970
MW-28	u	Acetone	67-64-1	ug/L	10/14/2024	3.1	10		<3.10
MW-28	u	Acrylonitrile	107-13-1	ug/L	10/14/2024	2.2	10		<2.20
MW-28	u	Benzene	71-43-2	ug/L	10/14/2024	0.22	0.5		<0.220
MW-28	u	Bromochloromethane	74-97-5	ug/L	10/14/2024	0.54	5		<0.540
MW-28	u	Bromodichloromethane	75-27-4	ug/L	10/14/2024	0.39	1		<0.390
MW-28	u	Bromoform	75-25-2	ug/L	10/14/2024	0.78	5		<0.780
MW-28	u	Bromomethane	74-83-9	ug/L	10/14/2024	1.1	4		<1.10
MW-28	u	2-Butanone	78-93-3	ug/L	10/14/2024	2.1	10		<2.10
MW-28	u	Carbon Disulfide	75-15-0	ug/L	10/14/2024	0.45	1		<0.450
MW-28	u	Carbon Tetrachloride	56-23-5	ug/L	10/14/2024	0.65	2		<0.650
MW-28	u	Chlorobenzene	108-90-7	ug/L	10/14/2024	0.4	1		<0.400
MW-28	u	Chlorodibromomethane	124-48-1	ug/L	10/14/2024	0.75	5		<0.750
MW-28	u	Chloroethane	75-00-3	ug/L	10/14/2024	0.79	4		<0.790
MW-28	u	Chloroform	67-66-3	ug/L	10/14/2024	1.3	3		<1.30
MW-28	u	Chloromethane	74-87-3	ug/L	10/14/2024	0.61	3		<0.610
MW-28	u	cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024	0.21	1		<0.210
MW-28	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024	0.25	5		<0.250
MW-28	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024	1.2	1.2		<1.20
MW-28	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/14/2024	0.34	0.34		<0.340
MW-28	u	Methylene Bromide	74-95-3	ug/L	10/14/2024	0.33	1		<0.330
MW-28	u	1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024	0.37	1		<0.370
MW-28	u	1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024	0.23	1		<0.230
MW-28	u	1,1-Dichloroethane	75-34-3	ug/L	10/14/2024	0.22	1		<0.220
MW-28	u	1,2-Dichloroethane	107-06-2	ug/L	10/14/2024	0.39	1		<0.390
MW-28	u	1,1-Dichloroethene	75-35-4	ug/L	10/14/2024	0.56	2		<0.560
MW-28	u	1,2-Dichloropropane	78-87-5	ug/L	10/14/2024	0.27	1		<0.270
MW-28	u	Ethylbenzene	100-41-4	ug/L	10/14/2024	0.31	1		<0.310
MW-28	u	2-Hexanone	591-78-6	ug/L	10/14/2024	2	10		<2.00
MW-28	u	Iodomethane	74-88-4	ug/L	10/14/2024	7	10		<7.00
MW-28	u	Methylene Chloride	75-09-2	ug/L	10/14/2024	1.7	5		<1.70
MW-28	u	4-Methyl-2-Pentanone	108-10-1	ug/L	10/14/2024	2.1	10		<2.10
MW-28	u	Styrene	100-42-5	ug/L	10/14/2024	0.37	1		<0.370
MW-28	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2024	0.38	1		<0.380
MW-28	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024	0.47	1		<0.470
MW-28	u	Tetrachloroethene	127-18-4	ug/L	10/14/2024	0.48	1		<0.480
MW-28	u	Toluene	108-88-3	ug/L	10/14/2024	0.43	1		<0.430
MW-28	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2024	1.1	10		<1.10
MW-28	u	trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024	0.27	1		<0.270
MW-28	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024	0.56	5		<0.560
MW-28	u	1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024	0.19	1		<0.190
MW-28	u	1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024	0.45	1		<0.450
MW-28	u	Trichloroethene	79-01-6	ug/L	10/14/2024	0.43	1		<0.430
MW-28	u	Trichlorofluoromethane	75-69-4	ug/L	10/14/2024	0.38	4		<0.380
MW-28	u	1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024	0.59	1		<0.590
MW-28	u	Vinyl Acetate	108-05-4	ug/L	10/14/2024	2.5	10		<2.50
MW-28	u	Vinyl Chloride	75-01-4	ug/L	10/14/2024	0.18	1		<0.180
MW-28	u	Xylenes, total	1330-20-7	ug/L	10/14/2024	0.4	3		<0.400
MW-28	u	Sulfate	14808-79-8	mg/L	10/14/2024	8.4	20		783
MW-28	u	Total Organic Carbon	TOC	mg/L	10/14/2024	0.5	1		2.1
MW-28	u	Total Suspended Solids	TSS	mg/L	10/14/2024	1.39	1.88		2.13
MW-1	u	Antimony	7440-36-0	mg/L	4/30/2025	0.00100	0.00200		<0.00100
MW-1	u	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		0.00432
MW-1	u	Barium	7440-39-3	mg/L	4/30/2025	0.000660	0.00200		0.110
MW-1	u	Beryllium	7440-41-7	mg/L	4/30/2025	0.000330	0.00100		<0.000330
MW-1	u	Cadmium	7440-43-9	mg/L	4/30/2025	0.000100	0.000200		<0.000100
MW-1	u	Chromium	7440-47-3	mg/L	4/30/2025	0.00180	0.00500		<0.00180

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-1	u	Cobalt	7440-48-4	mg/L	4/30/2025	0.000170	0.000500		0.000577
MW-1	u	Copper	7440-50-8	mg/L	4/30/2025	0.00320	0.00500		<0.00320
MW-1	u	Lead	7439-92-1	mg/L	4/30/2025	0.000330	0.000500		<0.000330
MW-1	u	Nickel	7440-02-0	mg/L	4/30/2025	0.00230	0.00500	J	0.00308
MW-1	u	Selenium	7782-49-2	mg/L	4/30/2025	0.00140	0.00500		<0.00140
MW-1	u	Silver	7440-22-4	mg/L	4/30/2025	0.000500	0.00100		<0.000500
MW-1	u	Thallium	7440-28-0	mg/L	4/30/2025	0.000570	0.00100		<0.000570
MW-1	u	Vanadium	7440-62-2	mg/L	4/30/2025	0.00170	0.00500		<0.00170
MW-1	u	Zinc	7440-66-6	mg/L	4/30/2025	0.0130	0.0200		<0.0130
MW-1	u	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		<0.0500
MW-1	u	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		0.149
MW-1	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025	0.380	1.00		<0.380
MW-1	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025	0.190	1.00		<0.190
MW-1	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025	0.470	1.00		<0.470
MW-1	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025	0.450	1.00		<0.450
MW-1	u	1,1-Dichloroethane	75-34-3	ug/L	4/30/2025	0.220	1.00		<0.220
MW-1	u	1,1-Dichloroethene	75-35-4	ug/L	4/30/2025	0.560	2.00		<0.560
MW-1	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025	0.590	1.00		<0.590
MW-1	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025	1.20	1.20		<1.20
MW-1	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/30/2025	0.340	0.340		<0.340
MW-1	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025	0.370	1.00		<0.370
MW-1	u	1,2-Dichloroethane	107-06-2	ug/L	4/30/2025	0.390	1.00		<0.390
MW-1	u	1,2-Dichloropropane	78-87-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-1	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025	0.230	1.00		<0.230
MW-1	u	2-Butanone	78-93-3	ug/L	4/30/2025	2.10	10.0		<2.10
MW-1	u	2-Hexanone	591-78-6	ug/L	4/30/2025	2.00	10.0		<2.00
MW-1	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/30/2025	2.10	10.0		<2.10
MW-1	u	Acetone	67-64-1	ug/L	4/30/2025	3.10	10.0		<3.10
MW-1	u	Acrylonitrile	107-13-1	ug/L	4/30/2025	2.20	10.0		<2.20
MW-1	u	Benzene	71-43-2	ug/L	4/30/2025	0.220	0.500		<0.220
MW-1	u	Bromochloromethane	74-97-5	ug/L	4/30/2025	0.540	5.00		<0.540
MW-1	u	Bromodichloromethane	75-27-4	ug/L	4/30/2025	0.390	1.00		<0.390
MW-1	u	Bromoform	75-25-2	ug/L	4/30/2025	0.780	5.00		<0.780
MW-1	u	Bromomethane	74-83-9	ug/L	4/30/2025	1.10	4.00		<1.10
MW-1	u	Carbon Disulfide	75-15-0	ug/L	4/30/2025	0.450	1.00		<0.450
MW-1	u	Carbon Tetrachloride	56-23-5	ug/L	4/30/2025	0.650	2.00		<0.650
MW-1	u	Chlorobenzene	108-90-7	ug/L	4/30/2025	0.400	1.00		<0.400
MW-1	u	Chlorodibromomethane	124-48-1	ug/L	4/30/2025	0.750	5.00		<0.750
MW-1	u	Chloroethane	75-00-3	ug/L	4/30/2025	0.790	4.00		<0.790
MW-1	u	Chloroform	67-66-3	ug/L	4/30/2025	1.30	3.00		<1.30
MW-1	u	Chloromethane	74-87-3	ug/L	4/30/2025	0.610	3.00		<0.610
MW-1	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025	0.210	1.00		<0.210
MW-1	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025	0.250	5.00		<0.250
MW-1	u	Methylene Bromide	74-95-3	ug/L	4/30/2025	0.330	1.00		<0.330
MW-1	u	Ethylbenzene	100-41-4	ug/L	4/30/2025	0.310	1.00		<0.310
MW-1	u	Iodomethane	74-88-4	ug/L	4/30/2025	7.00	10.0		<7.00
MW-1	u	Methylene Chloride	75-09-2	ug/L	4/30/2025	1.70	5.00		<1.70
MW-1	u	Styrene	100-42-5	ug/L	4/30/2025	0.370	1.00		<0.370
MW-1	u	Tetrachloroethene	127-18-4	ug/L	4/30/2025	0.480	1.00		<0.480
MW-1	u	Toluene	108-88-3	ug/L	4/30/2025	0.430	1.00		<0.430
MW-1	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-1	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025	0.560	5.00		<0.560
MW-1	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2025	1.10	10.0		<1.10
MW-1	u	Trichloroethene	79-01-6	ug/L	4/30/2025	0.430	1.00		<0.430
MW-1	u	Trichlorofluoromethane	75-69-4	ug/L	4/30/2025	0.380	4.00		<0.380
MW-1	u	Vinyl Acetate	108-05-4	ug/L	4/30/2025	2.50	10.0		<2.50
MW-1	u	Vinyl Chloride	75-01-4	ug/L	4/30/2025	0.180	1.00		<0.180
MW-1	u	Xylenes, total	1330-20-7	ug/L	4/30/2025	0.400	3.00		<0.400
MW-1	u	Total Suspended Solids	TSS	mg/L	4/30/2025	1.31	1.88		<1.31
MW-28	u	Antimony	7440-36-0	mg/L	4/30/2025	0.00100	0.00200		<0.00100
MW-28	u	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		<0.000530
MW-28	u	Barium	7440-39-3	mg/L	4/30/2025	0.000660	0.00200		0.0369
MW-28	u	Beryllium	7440-41-7	mg/L	4/30/2025	0.000330	0.00100		<0.000330
MW-28	u	Cadmium	7440-43-9	mg/L	4/30/2025	0.000100	0.000200		<0.000100
MW-28	u	Chromium	7440-47-3	mg/L	4/30/2025	0.00180	0.00500		<0.00180
MW-28	u	Cobalt	7440-48-4	mg/L	4/30/2025	0.000170	0.000500		<0.000170
MW-28	u	Copper	7440-50-8	mg/L	4/30/2025	0.00320	0.00500		<0.00320
MW-28	u	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		<0.0500
MW-28	u	Lead	7439-92-1	mg/L	4/30/2025	0.000330	0.000500		<0.000330
MW-28	u	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		<0.00360
MW-28	u	Nickel	7440-02-0	mg/L	4/30/2025	0.00230	0.00500	J	0.00413
MW-28	u	Selenium	7782-49-2	mg/L	4/30/2025	0.00140	0.00500	J	0.00157
MW-28	u	Silver	7440-22-4	mg/L	4/30/2025	0.000500	0.00100		<0.000500
MW-28	u	Thallium	7440-28-0	mg/L	4/30/2025	0.000570	0.00100		<0.000570
MW-28	u	Vanadium	7440-62-2	mg/L	4/30/2025	0.00170	0.00500		<0.00170
MW-28	u	Zinc	7440-66-6	mg/L	4/30/2025	0.0130	0.0200		<0.0130
MW-28	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025	0.380	1.00		<0.380
MW-28	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025	0.190	1.00		<0.190
MW-28	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025	0.470	1.00		<0.470

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-28	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025	0.450	1.00		<0.450
MW-28	u	1,1-Dichloroethane	75-34-3	ug/L	4/30/2025	0.220	1.00		<0.220
MW-28	u	1,1-Dichloroethene	75-35-4	ug/L	4/30/2025	0.560	2.00		<0.560
MW-28	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025	0.590	1.00		<0.590
MW-28	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025	1.20	1.20		<1.20
MW-28	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/30/2025	0.340	0.340		<0.340
MW-28	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025	0.370	1.00		<0.370
MW-28	u	1,2-Dichloroethane	107-06-2	ug/L	4/30/2025	0.390	1.00		<0.390
MW-28	u	1,2-Dichloropropane	78-87-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-28	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025	0.230	1.00		<0.230
MW-28	u	2-Butanone	78-93-3	ug/L	4/30/2025	2.10	10.0		<2.10
MW-28	u	2-Hexanone	591-78-6	ug/L	4/30/2025	2.00	10.0		<2.00
MW-28	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/30/2025	2.10	10.0		<2.10
MW-28	u	Acetone	67-64-1	ug/L	4/30/2025	3.10	10.0		<3.10
MW-28	u	Acrylonitrile	107-13-1	ug/L	4/30/2025	2.20	10.0		<2.20
MW-28	u	Benzene	71-43-2	ug/L	4/30/2025	0.220	0.500		<0.220
MW-28	u	Bromochloromethane	74-97-5	ug/L	4/30/2025	0.540	5.00		<0.540
MW-28	u	Bromodichloromethane	75-27-4	ug/L	4/30/2025	0.390	1.00		<0.390
MW-28	u	Bromoform	75-25-2	ug/L	4/30/2025	0.780	5.00		<0.780
MW-28	u	Bromomethane	74-83-9	ug/L	4/30/2025	1.10	4.00		<1.10
MW-28	u	Carbon Disulfide	75-15-0	ug/L	4/30/2025	0.450	1.00		<0.450
MW-28	u	Carbon Tetrachloride	56-23-5	ug/L	4/30/2025	0.650	2.00		<0.650
MW-28	u	Chlorobenzene	108-90-7	ug/L	4/30/2025	0.400	1.00		<0.400
MW-28	u	Chlorodibromomethane	124-48-1	ug/L	4/30/2025	0.750	5.00		<0.750
MW-28	u	Chloroethane	75-00-3	ug/L	4/30/2025	0.790	4.00		<0.790
MW-28	u	Chloroform	67-66-3	ug/L	4/30/2025	1.30	3.00		<1.30
MW-28	u	Chloromethane	74-87-3	ug/L	4/30/2025	0.610	3.00		<0.610
MW-28	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025	0.210	1.00		<0.210
MW-28	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025	0.250	5.00		<0.250
MW-28	u	Methylene Bromide	74-95-3	ug/L	4/30/2025	0.330	1.00		<0.330
MW-28	u	Ethylbenzene	100-41-4	ug/L	4/30/2025	0.310	1.00		<0.310
MW-28	u	Iodomethane	74-88-4	ug/L	4/30/2025	7.00	10.0		<7.00
MW-28	u	Methylene Chloride	75-09-2	ug/L	4/30/2025	1.70	5.00		<1.70
MW-28	u	Styrene	100-42-5	ug/L	4/30/2025	0.370	1.00		<0.370
MW-28	u	Tetrachloroethene	127-18-4	ug/L	4/30/2025	0.480	1.00		<0.480
MW-28	u	Toluene	108-88-3	ug/L	4/30/2025	0.430	1.00		<0.430
MW-28	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-28	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025	0.560	5.00		<0.560
MW-28	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2025	1.10	10.0		<1.10
MW-28	u	Trichloroethene	79-01-6	ug/L	4/30/2025	0.430	1.00		<0.430
MW-28	u	Trichlorofluoromethane	75-69-4	ug/L	4/30/2025	0.380	4.00		<0.380
MW-28	u	Vinyl Acetate	108-05-4	ug/L	4/30/2025	2.50	10.0		<2.50
MW-28	u	Vinyl Chloride	75-01-4	ug/L	4/30/2025	0.180	1.00		<0.180
MW-28	u	Xylenes, total	1330-20-7	ug/L	4/30/2025	0.400	3.00		<0.400
MW-28	u	Sulfate	14808-79-8	mg/L	4/30/2025	4.20	10.0		274
MW-28	u	Total Organic Carbon	TOC	mg/L	4/30/2025	0.500	1.00		3.61
MW-28	u	Total Suspended Solids	TSS	mg/L	4/30/2025	1.31	1.88		2.50
MW-20	d	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		0.0167
MW-20	d	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		14.6
MW-20	d	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		1.85
MW-20	d	Sulfate	14808-79-8	mg/L	4/30/2025	4.20	10.0		450
MW-20	d	Total Organic Carbon	TOC	mg/L	4/30/2025	0.500	1.00		7.03
MW-20	d	Total Suspended Solids	TSS	mg/L	4/30/2025	1.75	2.50		30.5
MW-21	d	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		0.00610
MW-21	d	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		11.3
MW-21	d	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		3.60
MW-21	d	Sulfate	14808-79-8	mg/L	4/30/2025	4.20	10.0		264
MW-21	d	Total Organic Carbon	TOC	mg/L	4/30/2025	0.500	1.00		11.1
MW-21	d	Total Suspended Solids	TSS	mg/L	4/30/2025	1.75	2.50		26.8
MW-26	d	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		0.00473
MW-26	d	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		17.8
MW-26	d	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		4.37
MW-26	d	Sulfate	14808-79-8	mg/L	4/30/2025	4.20	10.0		270
MW-26	d	Total Organic Carbon	TOC	mg/L	4/30/2025	0.500	1.00		4.84
MW-26	d	Total Suspended Solids	TSS	mg/L	4/30/2025	5.25	7.50		27.5
MW-27	d	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		0.00239
MW-27	d	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		3.84
MW-27	d	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		3.20
MW-27	d	Sulfate	14808-79-8	mg/L	4/30/2025	4.20	10.0		77.5
MW-27	d	Total Organic Carbon	TOC	mg/L	4/30/2025	0.500	1.00		8.34
MW-27	d	Total Suspended Solids	TSS	mg/L	4/30/2025	2.63	3.75		9.50
MW-9B	d	Antimony	7440-36-0	mg/L	4/30/2025	0.00100	0.00200		<0.00100
MW-9B	d	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200	J	0.000686
MW-9B	d	Barium	7440-39-3	mg/L	4/30/2025	0.000660	0.00200		0.0327
MW-9B	d	Beryllium	7440-41-7	mg/L	4/30/2025	0.000330	0.00100		<0.000330
MW-9B	d	Cadmium	7440-43-9	mg/L	4/30/2025	0.000100	0.000200		<0.000100
MW-9B	d	Chromium	7440-47-3	mg/L	4/30/2025	0.00180	0.00500		<0.00180
MW-9B	d	Cobalt	7440-48-4	mg/L	4/30/2025	0.000170	0.000500		0.0104
MW-9B	d	Copper	7440-50-8	mg/L	4/30/2025	0.00320	0.00500		<0.00320

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-9B	d	Lead	7439-92-1	mg/L	4/30/2025	0.000330	0.000500		<0.000330
MW-9B	d	Nickel	7440-02-0	mg/L	4/30/2025	0.00230	0.00500		0.0166
MW-9B	d	Selenium	7782-49-2	mg/L	4/30/2025	0.00140	0.00500		<0.00140
MW-9B	d	Silver	7440-22-4	mg/L	4/30/2025	0.000500	0.00100		<0.000500
MW-9B	d	Thallium	7440-28-0	mg/L	4/30/2025	0.000570	0.00100		<0.000570
MW-9B	d	Vanadium	7440-62-2	mg/L	4/30/2025	0.00170	0.00500		<0.00170
MW-9B	d	Zinc	7440-66-6	mg/L	4/30/2025	0.0130	0.0200		<0.0130
MW-9B	d	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		1.77
MW-9B	d	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		1.55
MW-9B	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025	0.380	1.00		<0.380
MW-9B	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025	0.190	1.00		<0.190
MW-9B	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025	0.470	1.00		<0.470
MW-9B	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025	0.450	1.00		<0.450
MW-9B	d	1,1-Dichloroethane	75-34-3	ug/L	4/30/2025	0.220	1.00		<0.220
MW-9B	d	1,1-Dichloroethene	75-35-4	ug/L	4/30/2025	0.560	2.00		<0.560
MW-9B	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025	0.590	1.00		<0.590
MW-9B	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025	1.20	1.20		<1.20
MW-9B	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/30/2025	0.340	0.340		<0.340
MW-9B	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025	0.370	1.00		<0.370
MW-9B	d	1,2-Dichloroethane	107-06-2	ug/L	4/30/2025	0.390	1.00		<0.390
MW-9B	d	1,2-Dichloropropane	78-87-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-9B	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025	0.230	1.00		<0.230
MW-9B	d	2-Butanone	78-93-3	ug/L	4/30/2025	2.10	10.0		<2.10
MW-9B	d	2-Hexanone	591-78-6	ug/L	4/30/2025	2.00	10.0		<2.00
MW-9B	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/30/2025	2.10	10.0		<2.10
MW-9B	d	Acetone	67-64-1	ug/L	4/30/2025	3.10	10.0		<3.10
MW-9B	d	Acrylonitrile	107-13-1	ug/L	4/30/2025	2.20	10.0		<2.20
MW-9B	d	Benzene	71-43-2	ug/L	4/30/2025	0.220	0.500		<0.220
MW-9B	d	Bromochloromethane	74-97-5	ug/L	4/30/2025	0.540	5.00		<0.540
MW-9B	d	Bromodichloromethane	75-27-4	ug/L	4/30/2025	0.390	1.00		<0.390
MW-9B	d	Bromoform	75-25-2	ug/L	4/30/2025	0.780	5.00		<0.780
MW-9B	d	Bromomethane	74-83-9	ug/L	4/30/2025	1.10	4.00		<1.10
MW-9B	d	Carbon Disulfide	75-15-0	ug/L	4/30/2025	0.450	1.00		<0.450
MW-9B	d	Carbon Tetrachloride	56-23-5	ug/L	4/30/2025	0.650	2.00		<0.650
MW-9B	d	Chlorobenzene	108-90-7	ug/L	4/30/2025	0.400	1.00		<0.400
MW-9B	d	Chlorodibromomethane	124-48-1	ug/L	4/30/2025	0.750	5.00		<0.750
MW-9B	d	Chloroethane	75-00-3	ug/L	4/30/2025	0.790	4.00		<0.790
MW-9B	d	Chloroform	67-66-3	ug/L	4/30/2025	1.30	3.00		<1.30
MW-9B	d	Chloromethane	74-87-3	ug/L	4/30/2025	0.610	3.00		<0.610
MW-9B	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025	0.210	1.00		<0.210
MW-9B	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025	0.250	5.00		<0.250
MW-9B	d	Methylene Bromide	74-95-3	ug/L	4/30/2025	0.330	1.00		<0.330
MW-9B	d	Ethylbenzene	100-41-4	ug/L	4/30/2025	0.310	1.00		<0.310
MW-9B	d	Iodomethane	74-88-4	ug/L	4/30/2025	7.00	10.0		<7.00
MW-9B	d	Methylene Chloride	75-09-2	ug/L	4/30/2025	1.70	5.00		<1.70
MW-9B	d	Styrene	100-42-5	ug/L	4/30/2025	0.370	1.00		<0.370
MW-9B	d	Tetrachloroethene	127-18-4	ug/L	4/30/2025	0.480	1.00		<0.480
MW-9B	d	Toluene	108-88-3	ug/L	4/30/2025	0.430	1.00		<0.430
MW-9B	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-9B	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025	0.560	5.00		<0.560
MW-9B	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2025	1.10	10.0		<1.10
MW-9B	d	Trichloroethene	79-01-6	ug/L	4/30/2025	0.430	1.00		<0.430
MW-9B	d	Trichlorofluoromethane	75-69-4	ug/L	4/30/2025	0.380	4.00		<0.380
MW-9B	d	Vinyl Acetate	108-05-4	ug/L	4/30/2025	2.50	10.0		<2.50
MW-9B	d	Vinyl Chloride	75-01-4	ug/L	4/30/2025	0.180	1.00		<0.180
MW-9B	d	Xylenes, total	1330-20-7	ug/L	4/30/2025	0.400	3.00		<0.400
MW-9B	d	Total Suspended Solids	TSS	mg/L	4/30/2025	1.31	1.88		13.8
MW-12	d	Antimony	7440-36-0	mg/L	4/30/2025	0.00100	0.00200		<0.00100
MW-12	d	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		<0.000530
MW-12	d	Barium	7440-39-3	mg/L	4/30/2025	0.000660	0.00200		0.0811
MW-12	d	Beryllium	7440-41-7	mg/L	4/30/2025	0.000330	0.00100		<0.000330
MW-12	d	Cadmium	7440-43-9	mg/L	4/30/2025	0.000100	0.000200	J	0.000100
MW-12	d	Chromium	7440-47-3	mg/L	4/30/2025	0.00180	0.00500		<0.00180
MW-12	d	Cobalt	7440-48-4	mg/L	4/30/2025	0.000170	0.000500	J	0.000233
MW-12	d	Copper	7440-50-8	mg/L	4/30/2025	0.00320	0.00500		<0.00320
MW-12	d	Lead	7439-92-1	mg/L	4/30/2025	0.000330	0.000500		<0.000330
MW-12	d	Nickel	7440-02-0	mg/L	4/30/2025	0.00230	0.00500		0.00957
MW-12	d	Selenium	7782-49-2	mg/L	4/30/2025	0.00140	0.00500		<0.00140
MW-12	d	Silver	7440-22-4	mg/L	4/30/2025	0.000500	0.00100		<0.000500
MW-12	d	Thallium	7440-28-0	mg/L	4/30/2025	0.000570	0.00100		<0.000570
MW-12	d	Vanadium	7440-62-2	mg/L	4/30/2025	0.00170	0.00500		<0.00170
MW-12	d	Zinc	7440-66-6	mg/L	4/30/2025	0.0130	0.0200		<0.0130
MW-12	d	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		<0.0500
MW-12	d	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		0.127
MW-12	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025	0.380	1.00		<0.380
MW-12	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025	0.190	1.00		<0.190
MW-12	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025	0.470	1.00		<0.470
MW-12	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025	0.450	1.00		<0.450
MW-12	d	1,1-Dichloroethane	75-34-3	ug/L	4/30/2025	0.220	1.00		<0.220

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-12	d	1,1-Dichloroethene	75-35-4	ug/L	4/30/2025	0.560	2.00		<0.560
MW-12	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025	0.590	1.00		<0.590
MW-12	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025	1.20	1.20		<1.20
MW-12	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/30/2025	0.340	0.340		<0.340
MW-12	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025	0.370	1.00		<0.370
MW-12	d	1,2-Dichloroethane	107-06-2	ug/L	4/30/2025	0.390	1.00		<0.390
MW-12	d	1,2-Dichloropropane	78-87-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-12	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025	0.230	1.00		<0.230
MW-12	d	2-Butanone	78-93-3	ug/L	4/30/2025	2.10	10.0		<2.10
MW-12	d	2-Hexanone	591-78-6	ug/L	4/30/2025	2.00	10.0		<2.00
MW-12	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/30/2025	2.10	10.0		<2.10
MW-12	d	Acetone	67-64-1	ug/L	4/30/2025	3.10	10.0		<3.10
MW-12	d	Acrylonitrile	107-13-1	ug/L	4/30/2025	2.20	10.0		<2.20
MW-12	d	Benzene	71-43-2	ug/L	4/30/2025	0.220	0.500		<0.220
MW-12	d	Bromochloromethane	74-97-5	ug/L	4/30/2025	0.540	5.00		<0.540
MW-12	d	Bromodichloromethane	75-27-4	ug/L	4/30/2025	0.390	1.00		<0.390
MW-12	d	Bromoform	75-25-2	ug/L	4/30/2025	0.780	5.00		<0.780
MW-12	d	Bromomethane	74-83-9	ug/L	4/30/2025	1.10	4.00		<1.10
MW-12	d	Carbon Disulfide	75-15-0	ug/L	4/30/2025	0.450	1.00		<0.450
MW-12	d	Carbon Tetrachloride	56-23-5	ug/L	4/30/2025	0.650	2.00		<0.650
MW-12	d	Chlorobenzene	108-90-7	ug/L	4/30/2025	0.400	1.00		<0.400
MW-12	d	Chlorodibromomethane	124-48-1	ug/L	4/30/2025	0.750	5.00		<0.750
MW-12	d	Chloroethane	75-00-3	ug/L	4/30/2025	0.790	4.00		<0.790
MW-12	d	Chloroform	67-66-3	ug/L	4/30/2025	1.30	3.00		<1.30
MW-12	d	Chloromethane	74-87-3	ug/L	4/30/2025	0.610	3.00		<0.610
MW-12	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025	0.210	1.00		<0.210
MW-12	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025	0.250	5.00		<0.250
MW-12	d	Methylene Bromide	74-95-3	ug/L	4/30/2025	0.330	1.00		<0.330
MW-12	d	Ethylbenzene	100-41-4	ug/L	4/30/2025	0.310	1.00		<0.310
MW-12	d	Iodomethane	74-88-4	ug/L	4/30/2025	7.00	10.0		<7.00
MW-12	d	Methylene Chloride	75-09-2	ug/L	4/30/2025	1.70	5.00		<1.70
MW-12	d	Styrene	100-42-5	ug/L	4/30/2025	0.370	1.00		<0.370
MW-12	d	Tetrachloroethene	127-18-4	ug/L	4/30/2025	0.480	1.00		<0.480
MW-12	d	Toluene	108-88-3	ug/L	4/30/2025	0.430	1.00		<0.430
MW-12	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-12	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025	0.560	5.00		<0.560
MW-12	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2025	1.10	10.0		<1.10
MW-12	d	Trichloroethene	79-01-6	ug/L	4/30/2025	0.430	1.00		<0.430
MW-12	d	Trichlorofluoromethane	75-69-4	ug/L	4/30/2025	0.380	4.00		<0.380
MW-12	d	Vinyl Acetate	108-05-4	ug/L	4/30/2025	2.50	10.0		<2.50
MW-12	d	Vinyl Chloride	75-01-4	ug/L	4/30/2025	0.180	1.00		<0.180
MW-12	d	Xylenes, total	1330-20-7	ug/L	4/30/2025	0.400	3.00		<0.400
MW-12	d	Total Suspended Solids	TSS	mg/L	4/30/2025	1.31	1.88		<1.31
MW-17	d	Antimony	7440-36-0	mg/L	4/30/2025	0.00100	0.00200		<0.00100
MW-17	d	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		0.00481
MW-17	d	Barium	7440-39-3	mg/L	4/30/2025	0.000660	0.00200		0.250
MW-17	d	Beryllium	7440-41-7	mg/L	4/30/2025	0.000330	0.00100		<0.000330
MW-17	d	Cadmium	7440-43-9	mg/L	4/30/2025	0.000100	0.000200	J	0.000113
MW-17	d	Chromium	7440-47-3	mg/L	4/30/2025	0.00180	0.00500		<0.00180
MW-17	d	Cobalt	7440-48-4	mg/L	4/30/2025	0.000170	0.000500		0.00463
MW-17	d	Copper	7440-50-8	mg/L	4/30/2025	0.00320	0.00500		0.00557
MW-17	d	Lead	7439-92-1	mg/L	4/30/2025	0.000330	0.000500		0.000892
MW-17	d	Nickel	7440-02-0	mg/L	4/30/2025	0.00230	0.00500		0.0132
MW-17	d	Selenium	7782-49-2	mg/L	4/30/2025	0.00140	0.00500		<0.00140
MW-17	d	Silver	7440-22-4	mg/L	4/30/2025	0.000500	0.00100		<0.000500
MW-17	d	Thallium	7440-28-0	mg/L	4/30/2025	0.000570	0.00100		<0.000570
MW-17	d	Vanadium	7440-62-2	mg/L	4/30/2025	0.00170	0.00500		<0.00170
MW-17	d	Zinc	7440-66-6	mg/L	4/30/2025	0.0130	0.0200	J	0.0132
MW-17	d	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		3.25
MW-17	d	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		2.78
MW-17	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025	0.380	1.00		<0.380
MW-17	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025	0.190	1.00		<0.190
MW-17	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025	0.470	1.00		<0.470
MW-17	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025	0.450	1.00		<0.450
MW-17	d	1,1-Dichloroethane	75-34-3	ug/L	4/30/2025	0.220	1.00		<0.220
MW-17	d	1,1-Dichloroethene	75-35-4	ug/L	4/30/2025	0.560	2.00		<0.560
MW-17	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025	0.590	1.00		<0.590
MW-17	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025	1.20	1.20		<1.20
MW-17	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/30/2025	0.340	0.340		<0.340
MW-17	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025	0.370	1.00		<0.370
MW-17	d	1,2-Dichloroethane	107-06-2	ug/L	4/30/2025	0.390	1.00		<0.390
MW-17	d	1,2-Dichloropropane	78-87-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-17	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025	0.230	1.00		<0.230
MW-17	d	2-Butanone	78-93-3	ug/L	4/30/2025	2.10	10.0		<2.10
MW-17	d	2-Hexanone	591-78-6	ug/L	4/30/2025	2.00	10.0		<2.00
MW-17	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/30/2025	2.10	10.0		<2.10
MW-17	d	Acetone	67-64-1	ug/L	4/30/2025	3.10	10.0		<3.10
MW-17	d	Acrylonitrile	107-13-1	ug/L	4/30/2025	2.20	10.0		<2.20
MW-17	d	Benzene	71-43-2	ug/L	4/30/2025	0.220	0.500		<0.220

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-17	d	Bromochloromethane	74-97-5	ug/L	4/30/2025	0.540	5.00		<0.540
MW-17	d	Bromodichloromethane	75-27-4	ug/L	4/30/2025	0.390	1.00		<0.390
MW-17	d	Bromoform	75-25-2	ug/L	4/30/2025	0.780	5.00		<0.780
MW-17	d	Bromomethane	74-83-9	ug/L	4/30/2025	1.10	4.00		<1.10
MW-17	d	Carbon Disulfide	75-15-0	ug/L	4/30/2025	0.450	1.00		<0.450
MW-17	d	Carbon Tetrachloride	56-23-5	ug/L	4/30/2025	0.650	2.00		<0.650
MW-17	d	Chlorobenzene	108-90-7	ug/L	4/30/2025	0.400	1.00		<0.400
MW-17	d	Chlorodibromomethane	124-48-1	ug/L	4/30/2025	0.750	5.00		<0.750
MW-17	d	Chloroethane	75-00-3	ug/L	4/30/2025	0.790	4.00		<0.790
MW-17	d	Chloroform	67-66-3	ug/L	4/30/2025	1.30	3.00		<1.30
MW-17	d	Chloromethane	74-87-3	ug/L	4/30/2025	0.610	3.00		<0.610
MW-17	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025	0.210	1.00		<0.210
MW-17	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025	0.250	5.00		<0.250
MW-17	d	Methylene Bromide	74-95-3	ug/L	4/30/2025	0.330	1.00		<0.330
MW-17	d	Ethylbenzene	100-41-4	ug/L	4/30/2025	0.310	1.00		<0.310
MW-17	d	Iodomethane	74-88-4	ug/L	4/30/2025	7.00	10.0		<7.00
MW-17	d	Methylene Chloride	75-09-2	ug/L	4/30/2025	1.70	5.00		<1.70
MW-17	d	Styrene	100-42-5	ug/L	4/30/2025	0.370	1.00		<0.370
MW-17	d	Tetrachloroethene	127-18-4	ug/L	4/30/2025	0.480	1.00		<0.480
MW-17	d	Toluene	108-88-3	ug/L	4/30/2025	0.430	1.00		<0.430
MW-17	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-17	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025	0.560	5.00		<0.560
MW-17	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2025	1.10	10.0		<1.10
MW-17	d	Trichloroethene	79-01-6	ug/L	4/30/2025	0.430	1.00		<0.430
MW-17	d	Trichlorofluoromethane	75-69-4	ug/L	4/30/2025	0.380	4.00		<0.380
MW-17	d	Vinyl Acetate	108-05-4	ug/L	4/30/2025	2.50	10.0		<2.50
MW-17	d	Vinyl Chloride	75-01-4	ug/L	4/30/2025	0.180	1.00		<0.180
MW-17	d	Xylenes, total	1330-20-7	ug/L	4/30/2025	0.400	3.00		<0.400
MW-17	d	Total Suspended Solids	TSS	mg/L	4/30/2025	5.25	7.50		24.0
MW-18	d	Antimony	7440-36-0	mg/L	4/30/2025	0.00100	0.00200		<0.00100
MW-18	d	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200	J	0.00128
MW-18	d	Barium	7440-39-3	mg/L	4/30/2025	0.000660	0.00200		0.0713
MW-18	d	Beryllium	7440-41-7	mg/L	4/30/2025	0.000330	0.00100		<0.000330
MW-18	d	Cadmium	7440-43-9	mg/L	4/30/2025	0.000100	0.000200		<0.000100
MW-18	d	Chromium	7440-47-3	mg/L	4/30/2025	0.00180	0.00500		<0.00180
MW-18	d	Cobalt	7440-48-4	mg/L	4/30/2025	0.000170	0.000500		0.00117
MW-18	d	Copper	7440-50-8	mg/L	4/30/2025	0.00320	0.00500		<0.00320
MW-18	d	Lead	7439-92-1	mg/L	4/30/2025	0.000330	0.000500		<0.000330
MW-18	d	Nickel	7440-02-0	mg/L	4/30/2025	0.00230	0.00500	J	0.00417
MW-18	d	Selenium	7782-49-2	mg/L	4/30/2025	0.00140	0.00500		<0.00140
MW-18	d	Silver	7440-22-4	mg/L	4/30/2025	0.000500	0.00100	J	0.000738
MW-18	d	Thallium	7440-28-0	mg/L	4/30/2025	0.000570	0.00100		<0.000570
MW-18	d	Vanadium	7440-62-2	mg/L	4/30/2025	0.00170	0.00500		<0.00170
MW-18	d	Zinc	7440-66-6	mg/L	4/30/2025	0.0130	0.0200		<0.0130
MW-18	d	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		0.546
MW-18	d	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		0.774
MW-18	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025	0.380	1.00		<0.380
MW-18	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025	0.190	1.00		<0.190
MW-18	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025	0.470	1.00		<0.470
MW-18	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025	0.450	1.00		<0.450
MW-18	d	1,1-Dichloroethane	75-34-3	ug/L	4/30/2025	0.220	1.00		<0.220
MW-18	d	1,1-Dichloroethene	75-35-4	ug/L	4/30/2025	0.560	2.00		<0.560
MW-18	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025	0.590	1.00		<0.590
MW-18	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025	1.20	1.20		<1.20
MW-18	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/30/2025	0.340	0.340		<0.340
MW-18	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025	0.370	1.00		<0.370
MW-18	d	1,2-Dichloroethane	107-06-2	ug/L	4/30/2025	0.390	1.00		<0.390
MW-18	d	1,2-Dichloropropane	78-87-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-18	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025	0.230	1.00		<0.230
MW-18	d	2-Butanone	78-93-3	ug/L	4/30/2025	2.10	10.0		<2.10
MW-18	d	2-Hexanone	591-78-6	ug/L	4/30/2025	2.00	10.0		<2.00
MW-18	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/30/2025	2.10	10.0		<2.10
MW-18	d	Acetone	67-64-1	ug/L	4/30/2025	3.10	10.0		<3.10
MW-18	d	Acrylonitrile	107-13-1	ug/L	4/30/2025	2.20	10.0		<2.20
MW-18	d	Benzene	71-43-2	ug/L	4/30/2025	0.220	0.500		<0.220
MW-18	d	Bromochloromethane	74-97-5	ug/L	4/30/2025	0.540	5.00		<0.540
MW-18	d	Bromodichloromethane	75-27-4	ug/L	4/30/2025	0.390	1.00		<0.390
MW-18	d	Bromoform	75-25-2	ug/L	4/30/2025	0.780	5.00		<0.780
MW-18	d	Bromomethane	74-83-9	ug/L	4/30/2025	1.10	4.00		<1.10
MW-18	d	Carbon Disulfide	75-15-0	ug/L	4/30/2025	0.450	1.00		<0.450
MW-18	d	Carbon Tetrachloride	56-23-5	ug/L	4/30/2025	0.650	2.00		<0.650
MW-18	d	Chlorobenzene	108-90-7	ug/L	4/30/2025	0.400	1.00		<0.400
MW-18	d	Chlorodibromomethane	124-48-1	ug/L	4/30/2025	0.750	5.00		<0.750
MW-18	d	Chloroethane	75-00-3	ug/L	4/30/2025	0.790	4.00		<0.790
MW-18	d	Chloroform	67-66-3	ug/L	4/30/2025	1.30	3.00		<1.30
MW-18	d	Chloromethane	74-87-3	ug/L	4/30/2025	0.610	3.00		<0.610
MW-18	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025	0.210	1.00		<0.210
MW-18	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025	0.250	5.00		<0.250
MW-18	d	Methylene Bromide	74-95-3	ug/L	4/30/2025	0.330	1.00		<0.330

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-18	d	Ethylbenzene	100-41-4	ug/L	4/30/2025	0.310	1.00		<0.310
MW-18	d	Iodomethane	74-88-4	ug/L	4/30/2025	7.00	10.0		<7.00
MW-18	d	Methylene Chloride	75-09-2	ug/L	4/30/2025	1.70	5.00		<1.70
MW-18	d	Styrene	100-42-5	ug/L	4/30/2025	0.370	1.00		<0.370
MW-18	d	Tetrachloroethene	127-18-4	ug/L	4/30/2025	0.480	1.00		<0.480
MW-18	d	Toluene	108-88-3	ug/L	4/30/2025	0.430	1.00		<0.430
MW-18	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-18	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025	0.560	5.00		<0.560
MW-18	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2025	1.10	10.0		<1.10
MW-18	d	Trichloroethene	79-01-6	ug/L	4/30/2025	0.430	1.00		<0.430
MW-18	d	Trichlorofluoromethane	75-69-4	ug/L	4/30/2025	0.380	4.00		<0.380
MW-18	d	Vinyl Acetate	108-05-4	ug/L	4/30/2025	2.50	10.0		<2.50
MW-18	d	Vinyl Chloride	75-01-4	ug/L	4/30/2025	0.180	1.00		<0.180
MW-18	d	Xylenes, total	1330-20-7	ug/L	4/30/2025	0.400	3.00		<0.400
MW-18	d	Total Suspended Solids	TSS	mg/L	4/30/2025	1.31	1.88		3.13
MW-2AR	d	Antimony	7440-36-0	mg/L	4/30/2025	0.00100	0.00200		<0.00100
MW-2AR	d	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		0.0368
MW-2AR	d	Barium	7440-39-3	mg/L	4/30/2025	0.000660	0.00200		0.762
MW-2AR	d	Beryllium	7440-41-7	mg/L	4/30/2025	0.000330	0.00100		<0.000330
MW-2AR	d	Cadmium	7440-43-9	mg/L	4/30/2025	0.000100	0.000200		<0.000100
MW-2AR	d	Chromium	7440-47-3	mg/L	4/30/2025	0.00180	0.00500		<0.00180
MW-2AR	d	Cobalt	7440-48-4	mg/L	4/30/2025	0.000170	0.000500		0.00213
MW-2AR	d	Copper	7440-50-8	mg/L	4/30/2025	0.00320	0.00500		<0.00320
MW-2AR	d	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		31.7
MW-2AR	d	Lead	7439-92-1	mg/L	4/30/2025	0.000330	0.000500		<0.000330
MW-2AR	d	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		3.07
MW-2AR	d	Nickel	7440-02-0	mg/L	4/30/2025	0.00230	0.00500		0.0177
MW-2AR	d	Selenium	7782-49-2	mg/L	4/30/2025	0.00140	0.00500		<0.00140
MW-2AR	d	Silver	7440-22-4	mg/L	4/30/2025	0.000500	0.00100		<0.000500
MW-2AR	d	Thallium	7440-28-0	mg/L	4/30/2025	0.000570	0.00100		<0.000570
MW-2AR	d	Vanadium	7440-62-2	mg/L	4/30/2025	0.00170	0.00500	J	0.00209
MW-2AR	d	Zinc	7440-66-6	mg/L	4/30/2025	0.0130	0.0200		<0.0130
MW-2AR	d	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025	0.380	1.00		<0.380
MW-2AR	d	1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025	0.190	1.00		<0.190
MW-2AR	d	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025	0.470	1.00		<0.470
MW-2AR	d	1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025	0.450	1.00		<0.450
MW-2AR	d	1,1-Dichloroethane	75-34-3	ug/L	4/30/2025	0.220	1.00		<0.220
MW-2AR	d	1,1-Dichloroethene	75-35-4	ug/L	4/30/2025	0.560	2.00		<0.560
MW-2AR	d	1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025	0.590	1.00		<0.590
MW-2AR	d	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025	1.20	1.20		<1.20
MW-2AR	d	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/30/2025	0.340	0.340		<0.340
MW-2AR	d	1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025	0.370	1.00		<0.370
MW-2AR	d	1,2-Dichloroethane	107-06-2	ug/L	4/30/2025	0.390	1.00		<0.390
MW-2AR	d	1,2-Dichloropropane	78-87-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-2AR	d	1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025	0.230	1.00	J	0.608
MW-2AR	d	2-Butanone	78-93-3	ug/L	4/30/2025	2.10	10.0		<2.10
MW-2AR	d	2-Hexanone	591-78-6	ug/L	4/30/2025	2.00	10.0		<2.00
MW-2AR	d	4-Methyl-2-Pentanone	108-10-1	ug/L	4/30/2025	2.10	10.0		<2.10
MW-2AR	d	Acetone	67-64-1	ug/L	4/30/2025	3.10	10.0	J	7.21
MW-2AR	d	Acrylonitrile	107-13-1	ug/L	4/30/2025	2.20	10.0		<2.20
MW-2AR	d	Benzene	71-43-2	ug/L	4/30/2025	0.220	0.500	J	0.237
MW-2AR	d	Bromochloromethane	74-97-5	ug/L	4/30/2025	0.540	5.00		<0.540
MW-2AR	d	Bromodichloromethane	75-27-4	ug/L	4/30/2025	0.390	1.00		<0.390
MW-2AR	d	Bromoform	75-25-2	ug/L	4/30/2025	0.780	5.00		<0.780
MW-2AR	d	Bromomethane	74-83-9	ug/L	4/30/2025	1.10	4.00		<1.10
MW-2AR	d	Carbon Disulfide	75-15-0	ug/L	4/30/2025	0.450	1.00		<0.450
MW-2AR	d	Carbon Tetrachloride	56-23-5	ug/L	4/30/2025	0.650	2.00		<0.650
MW-2AR	d	Chlorobenzene	108-90-7	ug/L	4/30/2025	0.400	1.00		1.35
MW-2AR	d	Chlorodibromomethane	124-48-1	ug/L	4/30/2025	0.750	5.00		<0.750
MW-2AR	d	Chloroethane	75-00-3	ug/L	4/30/2025	0.790	4.00	J	2.07
MW-2AR	d	Chloroform	67-66-3	ug/L	4/30/2025	1.30	3.00		<1.30
MW-2AR	d	Chloromethane	74-87-3	ug/L	4/30/2025	0.610	3.00		<0.610
MW-2AR	d	cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025	0.210	1.00		<0.210
MW-2AR	d	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025	0.250	5.00		<0.250
MW-2AR	d	Methylene Bromide	74-95-3	ug/L	4/30/2025	0.330	1.00		<0.330
MW-2AR	d	Ethylbenzene	100-41-4	ug/L	4/30/2025	0.310	1.00		<0.310
MW-2AR	d	Iodomethane	74-88-4	ug/L	4/30/2025	7.00	10.0		<7.00
MW-2AR	d	Methylene Chloride	75-09-2	ug/L	4/30/2025	1.70	5.00		<1.70
MW-2AR	d	Styrene	100-42-5	ug/L	4/30/2025	0.370	1.00		<0.370
MW-2AR	d	Tetrachloroethene	127-18-4	ug/L	4/30/2025	0.480	1.00		<0.480
MW-2AR	d	Toluene	108-88-3	ug/L	4/30/2025	0.430	1.00		<0.430
MW-2AR	d	trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-2AR	d	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025	0.560	5.00		<0.560
MW-2AR	d	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2025	1.10	10.0		<1.10
MW-2AR	d	Trichloroethene	79-01-6	ug/L	4/30/2025	0.430	1.00		<0.430
MW-2AR	d	Trichlorofluoromethane	75-69-4	ug/L	4/30/2025	0.380	4.00		<0.380
MW-2AR	d	Vinyl Acetate	108-05-4	ug/L	4/30/2025	2.50	10.0		<2.50
MW-2AR	d	Vinyl Chloride	75-01-4	ug/L	4/30/2025	0.180	1.00		<0.180
MW-2AR	d	Xylenes, total	1330-20-7	ug/L	4/30/2025	0.400	3.00		<0.400

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-2AR	d	Sulfate	14808-79-8	mg/L	4/30/2025	4.20	10.0		138
MW-2AR	d	Total Organic Carbon	TOC	mg/L	4/30/2025	0.500	1.00		15.6
MW-2AR	d	Total Suspended Solids	TSS	mg/L	4/30/2025	3.50	5.00		83.0
MW-5AR	u	Antimony	7440-36-0	mg/L	4/30/2025	0.00100	0.00200		<0.00100
MW-5AR	u	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		<0.000530
MW-5AR	u	Barium	7440-39-3	mg/L	4/30/2025	0.000660	0.00200		0.0420
MW-5AR	u	Beryllium	7440-41-7	mg/L	4/30/2025	0.000330	0.00100		<0.000330
MW-5AR	u	Cadmium	7440-43-9	mg/L	4/30/2025	0.000100	0.000200		<0.000100
MW-5AR	u	Chromium	7440-47-3	mg/L	4/30/2025	0.00180	0.00500		<0.00180
MW-5AR	u	Cobalt	7440-48-4	mg/L	4/30/2025	0.000170	0.000500		<0.000170
MW-5AR	u	Copper	7440-50-8	mg/L	4/30/2025	0.00320	0.00500		<0.00320
MW-5AR	u	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		<0.0500
MW-5AR	u	Lead	7439-92-1	mg/L	4/30/2025	0.000330	0.000500		<0.000330
MW-5AR	u	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100		<0.00360
MW-5AR	u	Nickel	7440-02-0	mg/L	4/30/2025	0.00230	0.00500		<0.00230
MW-5AR	u	Selenium	7782-49-2	mg/L	4/30/2025	0.00140	0.00500	J	0.00356
MW-5AR	u	Silver	7440-22-4	mg/L	4/30/2025	0.000500	0.00100		<0.000500
MW-5AR	u	Thallium	7440-28-0	mg/L	4/30/2025	0.000570	0.00100		<0.000570
MW-5AR	u	Vanadium	7440-62-2	mg/L	4/30/2025	0.00170	0.00500		<0.00170
MW-5AR	u	Zinc	7440-66-6	mg/L	4/30/2025	0.0130	0.0200		<0.0130
MW-5AR	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025	0.380	1.00		<0.380
MW-5AR	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025	0.190	1.00		<0.190
MW-5AR	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025	0.470	1.00		<0.470
MW-5AR	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025	0.450	1.00		<0.450
MW-5AR	u	1,1-Dichloroethane	75-34-3	ug/L	4/30/2025	0.220	1.00		<0.220
MW-5AR	u	1,1-Dichloroethene	75-35-4	ug/L	4/30/2025	0.560	2.00		<0.560
MW-5AR	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025	0.590	1.00		<0.590
MW-5AR	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025	1.20	1.20		<1.20
MW-5AR	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/30/2025	0.340	0.340		<0.340
MW-5AR	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025	0.370	1.00		<0.370
MW-5AR	u	1,2-Dichloroethane	107-06-2	ug/L	4/30/2025	0.390	1.00		<0.390
MW-5AR	u	1,2-Dichloropropane	78-87-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-5AR	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025	0.230	1.00		<0.230
MW-5AR	u	2-Butanone	78-93-3	ug/L	4/30/2025	2.10	10.0		<2.10
MW-5AR	u	2-Hexanone	591-78-6	ug/L	4/30/2025	2.00	10.0		<2.00
MW-5AR	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/30/2025	2.10	10.0		<2.10
MW-5AR	u	Acetone	67-64-1	ug/L	4/30/2025	3.10	10.0		<3.10
MW-5AR	u	Acrylonitrile	107-13-1	ug/L	4/30/2025	2.20	10.0		<2.20
MW-5AR	u	Benzene	71-43-2	ug/L	4/30/2025	0.220	0.500		<0.220
MW-5AR	u	Bromochloromethane	74-97-5	ug/L	4/30/2025	0.540	5.00		<0.540
MW-5AR	u	Bromodichloromethane	75-27-4	ug/L	4/30/2025	0.390	1.00		<0.390
MW-5AR	u	Bromoform	75-25-2	ug/L	4/30/2025	0.780	5.00		<0.780
MW-5AR	u	Bromomethane	74-83-9	ug/L	4/30/2025	1.10	4.00		<1.10
MW-5AR	u	Carbon Disulfide	75-15-0	ug/L	4/30/2025	0.450	1.00		<0.450
MW-5AR	u	Carbon Tetrachloride	56-23-5	ug/L	4/30/2025	0.650	2.00		<0.650
MW-5AR	u	Chlorobenzene	108-90-7	ug/L	4/30/2025	0.400	1.00		<0.400
MW-5AR	u	Chlorodibromomethane	124-48-1	ug/L	4/30/2025	0.750	5.00		<0.750
MW-5AR	u	Chloroethane	75-00-3	ug/L	4/30/2025	0.790	4.00		<0.790
MW-5AR	u	Chloroform	67-66-3	ug/L	4/30/2025	1.30	3.00		<1.30
MW-5AR	u	Chloromethane	74-87-3	ug/L	4/30/2025	0.610	3.00		<0.610
MW-5AR	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025	0.210	1.00		<0.210
MW-5AR	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025	0.250	5.00		<0.250
MW-5AR	u	Methylene Bromide	74-95-3	ug/L	4/30/2025	0.330	1.00		<0.330
MW-5AR	u	Ethylbenzene	100-41-4	ug/L	4/30/2025	0.310	1.00		<0.310
MW-5AR	u	Iodomethane	74-88-4	ug/L	4/30/2025	7.00	10.0		<7.00
MW-5AR	u	Methylene Chloride	75-09-2	ug/L	4/30/2025	1.70	5.00		<1.70
MW-5AR	u	Styrene	100-42-5	ug/L	4/30/2025	0.370	1.00		<0.370
MW-5AR	u	Tetrachloroethene	127-18-4	ug/L	4/30/2025	0.480	1.00		<0.480
MW-5AR	u	Toluene	108-88-3	ug/L	4/30/2025	0.430	1.00		<0.430
MW-5AR	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-5AR	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025	0.560	5.00		<0.560
MW-5AR	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2025	1.10	10.0		<1.10
MW-5AR	u	Trichloroethene	79-01-6	ug/L	4/30/2025	0.430	1.00		<0.430
MW-5AR	u	Trichlorofluoromethane	75-69-4	ug/L	4/30/2025	0.380	4.00		<0.380
MW-5AR	u	Vinyl Acetate	108-05-4	ug/L	4/30/2025	2.50	10.0		<2.50
MW-5AR	u	Vinyl Chloride	75-01-4	ug/L	4/30/2025	0.180	1.00		<0.180
MW-5AR	u	Xylenes, total	1330-20-7	ug/L	4/30/2025	0.400	3.00		<0.400
MW-5AR	u	Sulfate	14808-79-8	mg/L	4/30/2025	4.20	10.0		197
MW-5AR	u	Total Organic Carbon	TOC	mg/L	4/30/2025	0.500	1.00		1.51
MW-5AR	u	Total Suspended Solids	TSS	mg/L	4/30/2025	1.31	1.88		<1.31
MW-6A	u	Antimony	7440-36-0	mg/L	4/30/2025	0.00100	0.00200		<0.00100
MW-6A	u	Arsenic	7440-38-2	mg/L	4/30/2025	0.000530	0.00200		<0.000530
MW-6A	u	Barium	7440-39-3	mg/L	4/30/2025	0.000660	0.00200		0.230
MW-6A	u	Beryllium	7440-41-7	mg/L	4/30/2025	0.000330	0.00100		<0.000330
MW-6A	u	Cadmium	7440-43-9	mg/L	4/30/2025	0.000100	0.000200		<0.000100
MW-6A	u	Chromium	7440-47-3	mg/L	4/30/2025	0.00180	0.00500		<0.00180
MW-6A	u	Cobalt	7440-48-4	mg/L	4/30/2025	0.000170	0.000500		<0.000170
MW-6A	u	Copper	7440-50-8	mg/L	4/30/2025	0.00320	0.00500		<0.00320
MW-6A	u	Iron	7439-89-6	mg/L	4/30/2025	0.0500	0.100		<0.0500

Appendix C
Summary of Groundwater Chemistry
2025 Spring Statistical Report
Permit No. 08-SDP-03-84P

Well	Gradient	Constituent	CAS	Units	Date	MDL	PQL	Flags	Obs
MW-6A	u	Lead	7439-92-1	mg/L	4/30/2025	0.000330	0.000500		<0.000330
MW-6A	u	Manganese	7439-96-5	mg/L	4/30/2025	0.00360	0.0100	J	0.00844
MW-6A	u	Nickel	7440-02-0	mg/L	4/30/2025	0.00230	0.00500		<0.00230
MW-6A	u	Selenium	7782-49-2	mg/L	4/30/2025	0.00140	0.00500		<0.00140
MW-6A	u	Silver	7440-22-4	mg/L	4/30/2025	0.000500	0.00100		<0.000500
MW-6A	u	Thallium	7440-28-0	mg/L	4/30/2025	0.000570	0.00100		<0.000570
MW-6A	u	Vanadium	7440-62-2	mg/L	4/30/2025	0.00170	0.00500		<0.00170
MW-6A	u	Zinc	7440-66-6	mg/L	4/30/2025	0.0130	0.0200		<0.0130
MW-6A	u	1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025	0.380	1.00		<0.380
MW-6A	u	1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025	0.190	1.00		<0.190
MW-6A	u	1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025	0.470	1.00		<0.470
MW-6A	u	1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025	0.450	1.00		<0.450
MW-6A	u	1,1-Dichloroethane	75-34-3	ug/L	4/30/2025	0.220	1.00		<0.220
MW-6A	u	1,1-Dichloroethene	75-35-4	ug/L	4/30/2025	0.560	2.00		<0.560
MW-6A	u	1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025	0.590	1.00		<0.590
MW-6A	u	1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025	1.20	1.20		<1.20
MW-6A	u	1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/30/2025	0.340	0.340		<0.340
MW-6A	u	1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025	0.370	1.00		<0.370
MW-6A	u	1,2-Dichloroethane	107-06-2	ug/L	4/30/2025	0.390	1.00		<0.390
MW-6A	u	1,2-Dichloropropane	78-87-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-6A	u	1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025	0.230	1.00		<0.230
MW-6A	u	2-Butanone	78-93-3	ug/L	4/30/2025	2.10	10.0		<2.10
MW-6A	u	2-Hexanone	591-78-6	ug/L	4/30/2025	2.00	10.0		<2.00
MW-6A	u	4-Methyl-2-Pentanone	108-10-1	ug/L	4/30/2025	2.10	10.0		<2.10
MW-6A	u	Acetone	67-64-1	ug/L	4/30/2025	3.10	10.0		<3.10
MW-6A	u	Acrylonitrile	107-13-1	ug/L	4/30/2025	2.20	10.0		<2.20
MW-6A	u	Benzene	71-43-2	ug/L	4/30/2025	0.220	0.500		<0.220
MW-6A	u	Bromochloromethane	74-97-5	ug/L	4/30/2025	0.540	5.00		<0.540
MW-6A	u	Bromodichloromethane	75-27-4	ug/L	4/30/2025	0.390	1.00		<0.390
MW-6A	u	Bromoform	75-25-2	ug/L	4/30/2025	0.780	5.00		<0.780
MW-6A	u	Bromomethane	74-83-9	ug/L	4/30/2025	1.10	4.00		<1.10
MW-6A	u	Carbon Disulfide	75-15-0	ug/L	4/30/2025	0.450	1.00		<0.450
MW-6A	u	Carbon Tetrachloride	56-23-5	ug/L	4/30/2025	0.650	2.00		<0.650
MW-6A	u	Chlorobenzene	108-90-7	ug/L	4/30/2025	0.400	1.00		<0.400
MW-6A	u	Chlorodibromomethane	124-48-1	ug/L	4/30/2025	0.750	5.00		<0.750
MW-6A	u	Chloroethane	75-00-3	ug/L	4/30/2025	0.790	4.00		<0.790
MW-6A	u	Chloroform	67-66-3	ug/L	4/30/2025	1.30	3.00		<1.30
MW-6A	u	Chloromethane	74-87-3	ug/L	4/30/2025	0.610	3.00		<0.610
MW-6A	u	cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025	0.210	1.00		<0.210
MW-6A	u	cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025	0.250	5.00		<0.250
MW-6A	u	Methylene Bromide	74-95-3	ug/L	4/30/2025	0.330	1.00		<0.330
MW-6A	u	Ethylbenzene	100-41-4	ug/L	4/30/2025	0.310	1.00		<0.310
MW-6A	u	Iodomethane	74-88-4	ug/L	4/30/2025	7.00	10.0		<7.00
MW-6A	u	Methylene Chloride	75-09-2	ug/L	4/30/2025	1.70	5.00		<1.70
MW-6A	u	Styrene	100-42-5	ug/L	4/30/2025	0.370	1.00		<0.370
MW-6A	u	Tetrachloroethene	127-18-4	ug/L	4/30/2025	0.480	1.00		<0.480
MW-6A	u	Toluene	108-88-3	ug/L	4/30/2025	0.430	1.00		<0.430
MW-6A	u	trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025	0.270	1.00		<0.270
MW-6A	u	trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025	0.560	5.00		<0.560
MW-6A	u	trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2025	1.10	10.0		<1.10
MW-6A	u	Trichloroethene	79-01-6	ug/L	4/30/2025	0.430	1.00		<0.430
MW-6A	u	Trichlorofluoromethane	75-69-4	ug/L	4/30/2025	0.380	4.00		<0.380
MW-6A	u	Vinyl Acetate	108-05-4	ug/L	4/30/2025	2.50	10.0		<2.50
MW-6A	u	Vinyl Chloride	75-01-4	ug/L	4/30/2025	0.180	1.00		<0.180
MW-6A	u	Xylenes, total	1330-20-7	ug/L	4/30/2025	0.400	3.00		<0.400
MW-6A	u	Sulfate	14808-79-8	mg/L	4/30/2025	4.20	10.0		23.2
MW-6A	u	Total Organic Carbon	TOC	mg/L	4/30/2025	0.500	1.00		3.22
MW-6A	u	Total Suspended Solids	TSS	mg/L	4/30/2025	1.31	1.88		<1.31



Appendix D

Spring 2025 Statistical
Analysis



This page intentionally left blank.



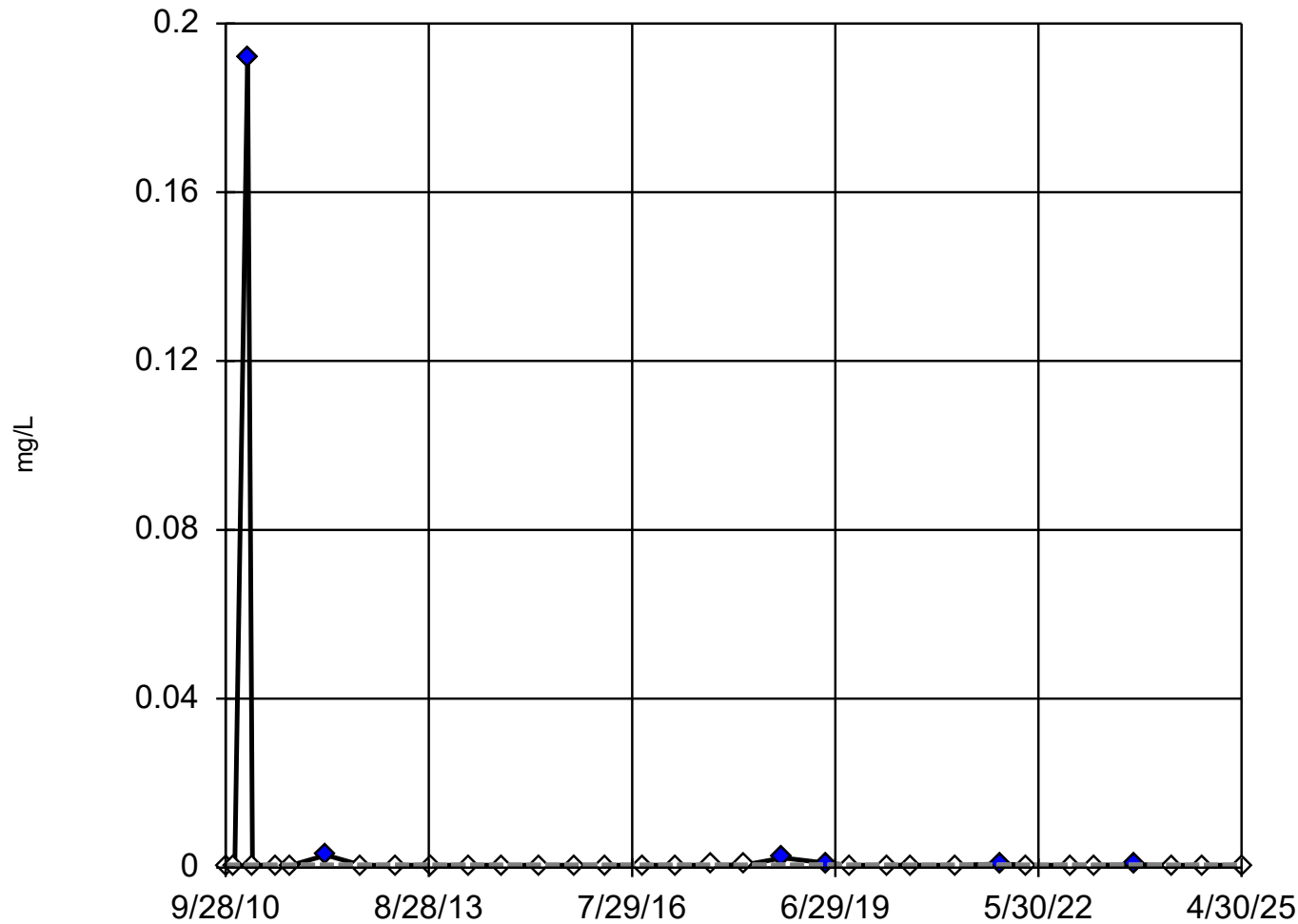
Outliers Analysis



This page intentionally left blank.

Tukey's Outlier Screening

MW-12



n = 33

Outliers are drawn as solid.
Tukey's method selected by user.

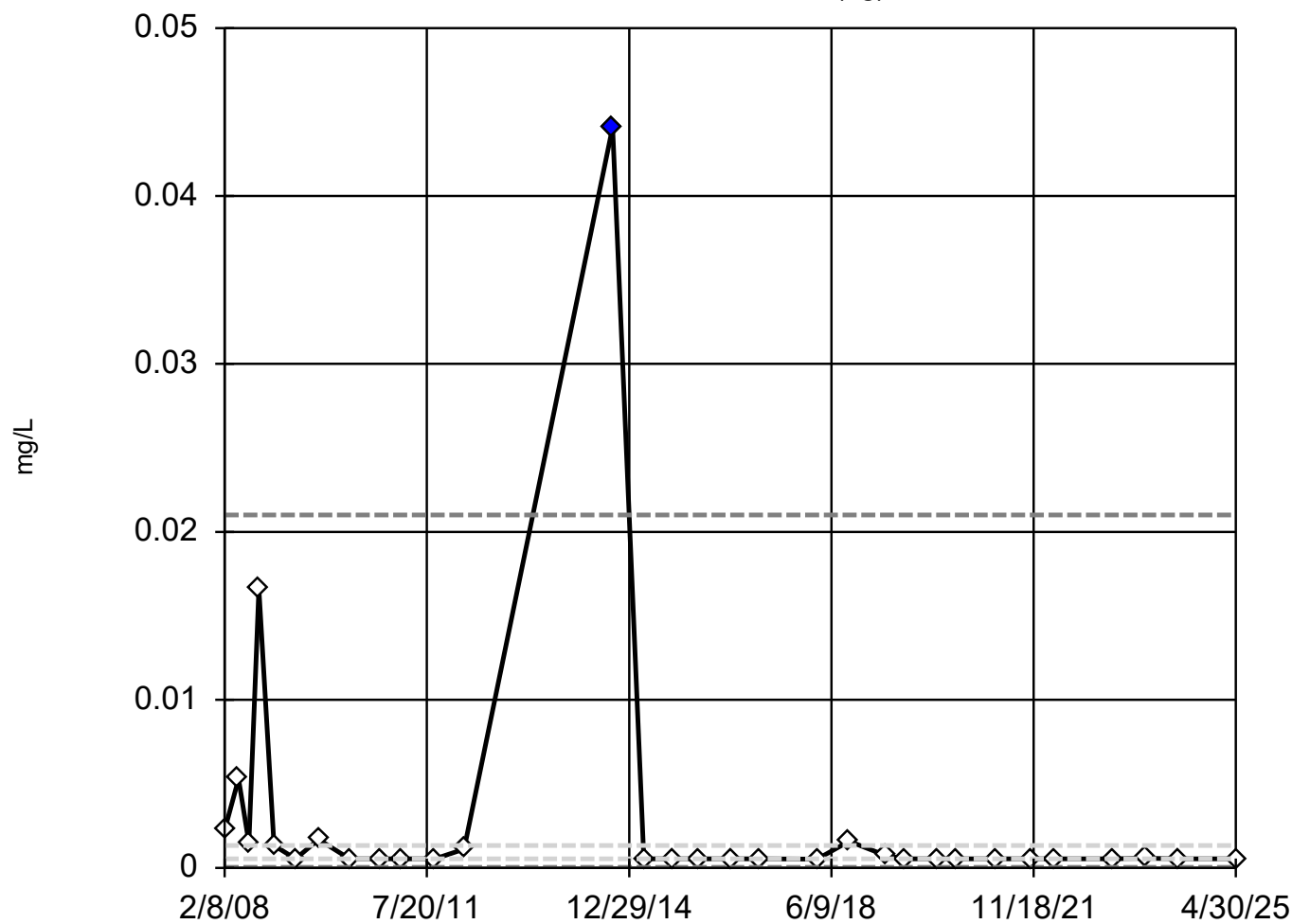
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0006546,
low cutoff = 0.0004524,
based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 5/15/2025 2:32 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Tukey's Outlier Screening

MW-5AR (bg)



n = 31

Outlier is drawn as solid.
Tukey's method selected by user.

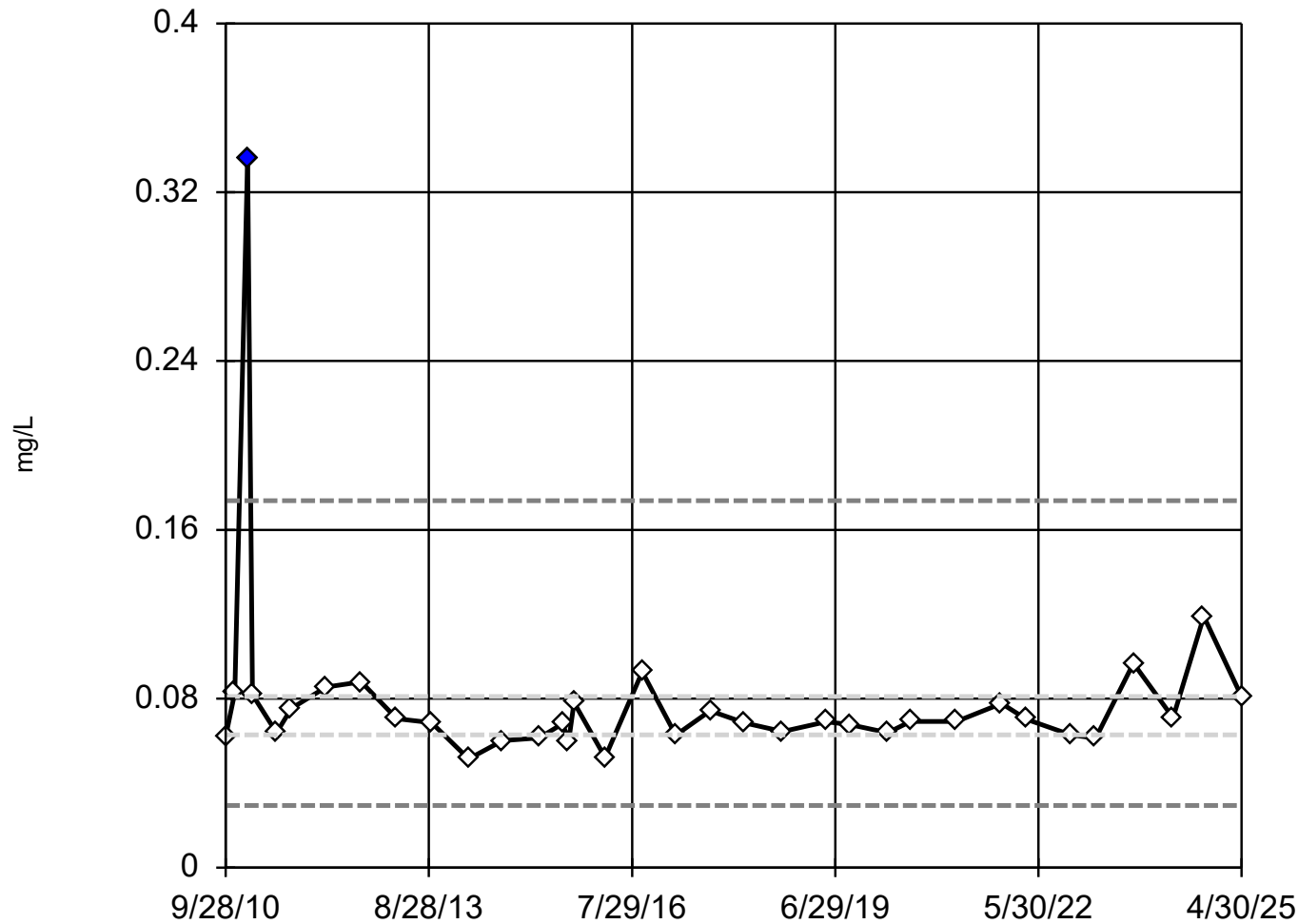
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02102,
low cutoff = 0.00003354,
based on IQR multiplier
of 3.

Constituent: Arsenic Analysis Run 5/15/2025 2:32 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

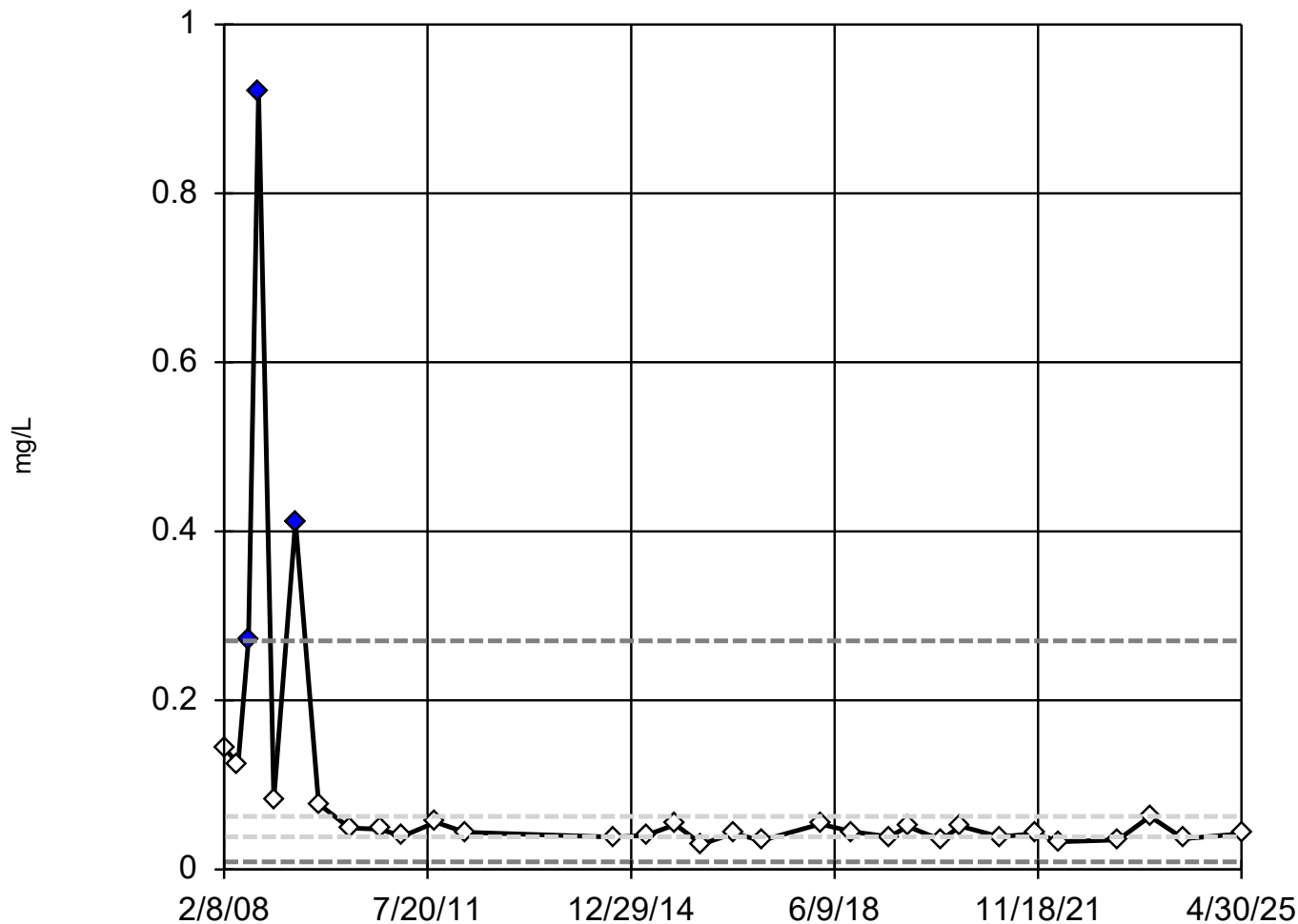
Tukey's Outlier Screening

MW-12



Tukey's Outlier Screening

MW-5AR (bg)



n = 31

Outliers are drawn as solid.
Tukey's method selected by user.

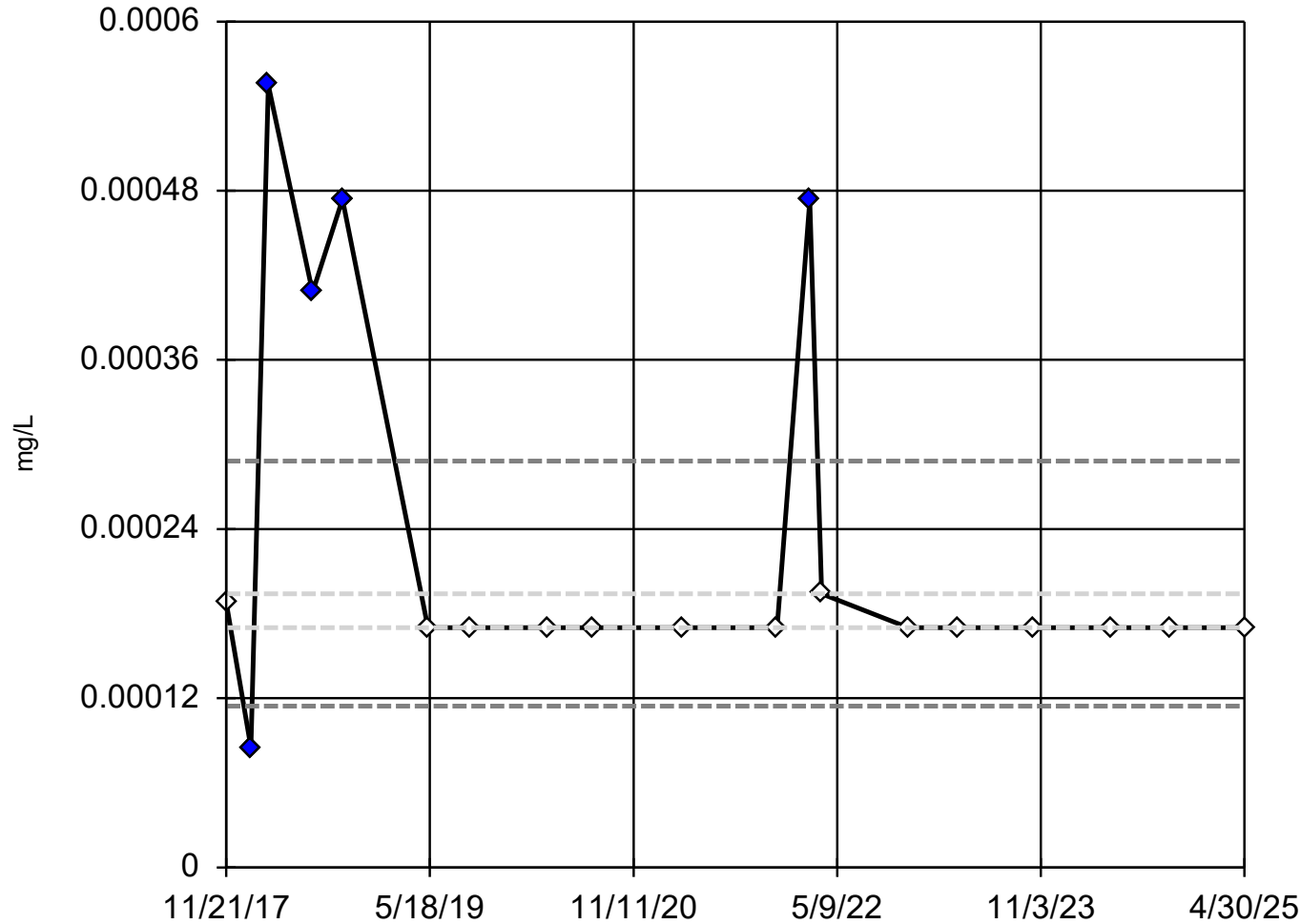
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2704,
low cutoff = 0.008963,
based on IQR multiplier
of 3.

Constituent: Barium Analysis Run 5/15/2025 2:32 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Tukey's Outlier Screening

MW-28 (bg)



n = 19

Outliers are drawn as solid.
Tukey's method selected by user.

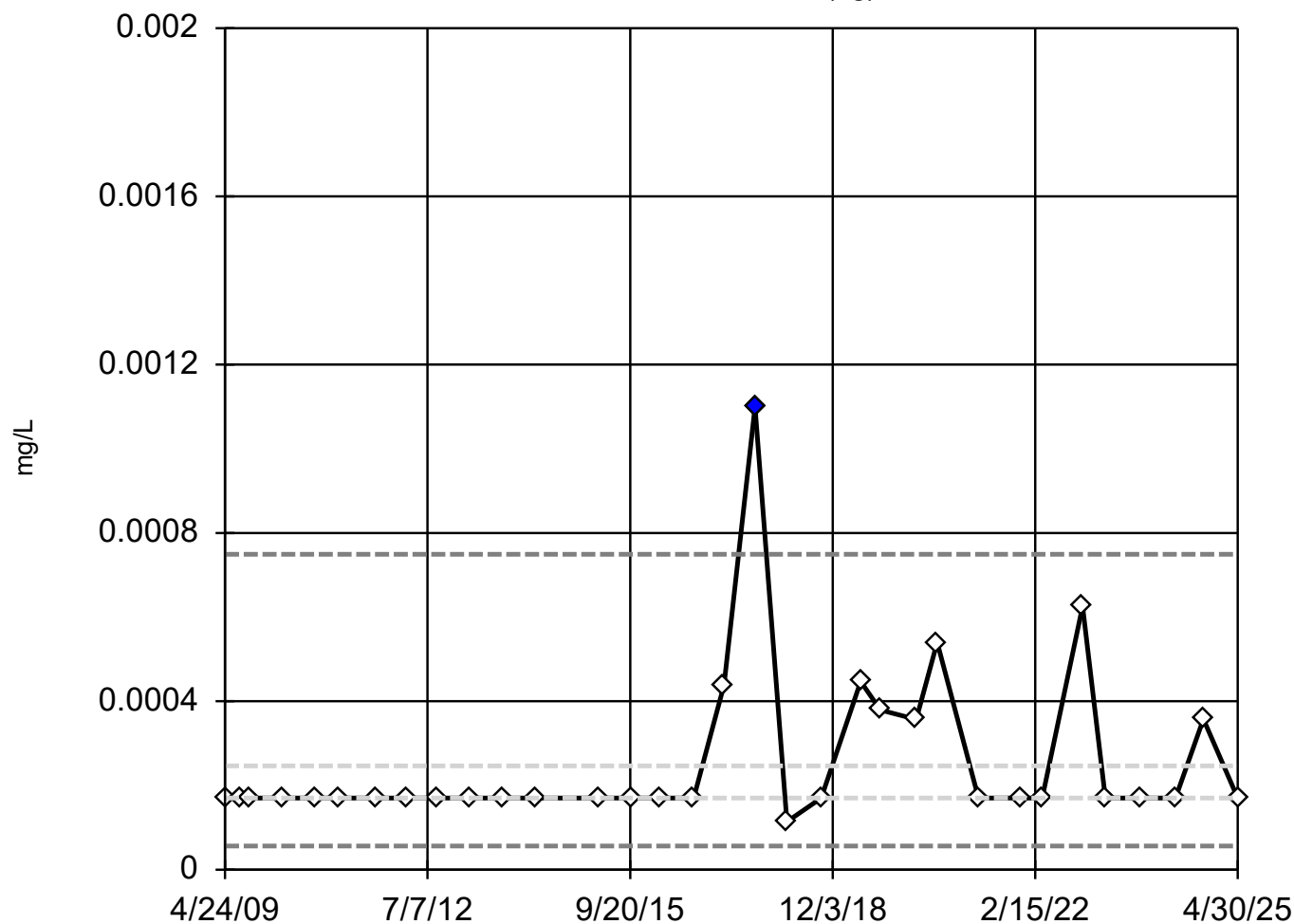
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0002883,
low cutoff = 0.0001144,
based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 5/15/2025 2:35 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Tukey's Outlier Screening

MW-6A (bg)



n = 33

Outlier is drawn as solid.
Tukey's method selected by user.

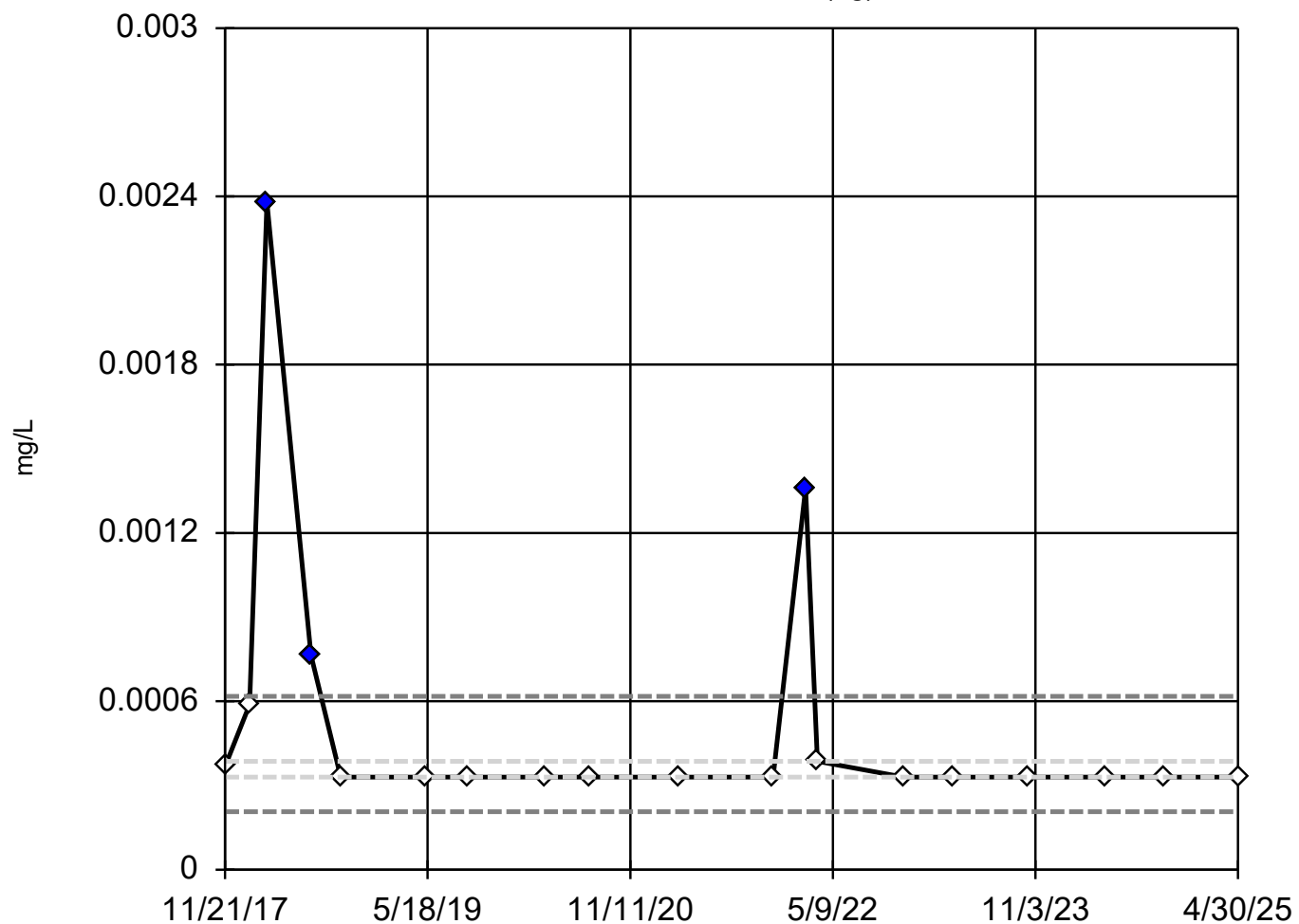
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0007497,
low cutoff = 0.00005586,
based on IQR multiplier
of 3.

Constituent: Cobalt Analysis Run 5/15/2025 2:35 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Tukey's Outlier Screening

MW-28 (bg)



n = 19

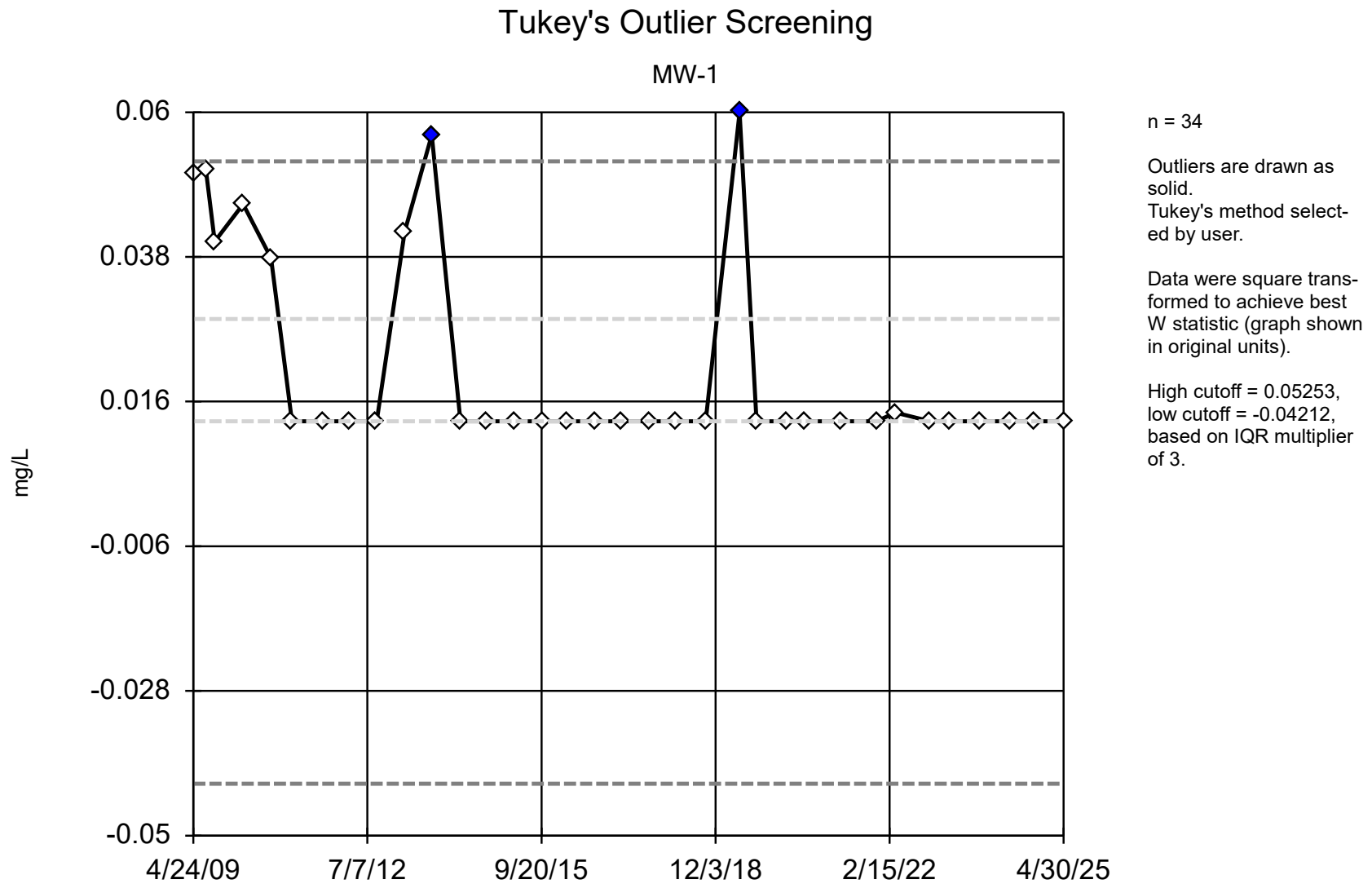
Outliers are drawn as solid.

Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0006177,
low cutoff = 0.0002062,
based on IQR multiplier
of 3.

Constituent: Lead Analysis Run 5/15/2025 2:36 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database



Constituent: Zinc Analysis Run 5/15/2025 2:39 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
1,1,1,2-Tetrachloroethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.38	0	normal	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.38	0	normal	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.38	0	normal	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.38	0	normal	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.38	0	normal	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.38	0	normal	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.38	0	normal	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.38	1.9e-9	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.38	1.9e-9	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.19	0	normal	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.19	0	normal	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.19	0	normal	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.19	0	normal	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.19	0	normal	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.19	0	normal	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.19	0	normal	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.19	9.7e-10	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.19	9.7e-10	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.47	0	normal	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.47	0	normal	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.47	0	normal	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.47	0	normal	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.47	0	normal	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.47	0	normal	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.47	0	normal	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.47	4.9e-10	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.47	4.9e-10	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.22	0	normal	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.22	0	normal	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	36	0.249	0.08974	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	29	0.2511	0.09109	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.22	0	normal	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.22	0	normal	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.22	0	normal	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.22	4.9e-10	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.22	4.9e-10	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.56	0	normal	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.56	0	normal	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.56	0	normal	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.56	0	normal	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.56	0	normal	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.56	0	normal	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.56	0	normal	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.56	9.7e-10	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.56	9.7e-10	unknown	ShapiroWilk
1,1-Dichloropropene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	6	1	0	normal	ShapiroWilk
1,1-Dichloropropene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	4	1	0	normal	ShapiroWilk
1,1-Dichloropropene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	4	1	0	normal	ShapiroWilk
1,1-Dichloropropene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	4	1	0	normal	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.59	0	normal	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
1,2,3-Trichloropropane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.59	0	normal	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.59	0	normal	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.59	0	normal	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.59	0	normal	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.59	0	normal	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.59	0	normal	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.59	1.1e-8	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.59	1.1e-8	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (...)	MW-1	No	n/a	n/a	NP	NaN	34	1.2	0	normal	ShapiroWilk
1,2-Dibromo-3-chloropropane (...)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	1.2	0	normal	ShapiroWilk
1,2-Dibromo-3-chloropropane (...)	MW-2AR	No	n/a	n/a	NP	NaN	35	1.2	0	normal	ShapiroWilk
1,2-Dibromo-3-chloropropane (...)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	1.2	0	normal	ShapiroWilk
1,2-Dibromo-3-chloropropane (...)	MW-12	No	n/a	n/a	NP	NaN	33	1.2	0	normal	ShapiroWilk
1,2-Dibromo-3-chloropropane (...)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	1.2	0	normal	ShapiroWilk
1,2-Dibromo-3-chloropropane (...)	MW-9B	No	n/a	n/a	NP	NaN	22	1.2	0	normal	ShapiroWilk
1,2-Dibromo-3-chloropropane (...)	MW-17	n/a	n/a	n/a	NP	NaN	6	1.2	1.9e-8	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (...)	MW-18	n/a	n/a	n/a	NP	NaN	6	1.2	1.9e-8	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.34	0	normal	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.34	0	normal	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.34	0	normal	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.34	0	normal	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.34	0	normal	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.34	0	normal	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.34	0	normal	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.34	1.5e-9	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.34	1.5e-9	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.37	0	normal	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.37	0	normal	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.37	0	normal	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.37	0	normal	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.37	0	normal	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.37	0	normal	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.37	0	normal	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.37	1.9e-9	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.37	1.9e-9	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.39	0	normal	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.39	0	normal	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.39	0	normal	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.39	0	normal	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.39	0	normal	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.39	0	normal	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.39	0	normal	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.39	5.8e-9	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.39	5.8e-9	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.27	0	normal	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.27	0	normal	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.27	0	normal	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.27	0	normal	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.27	0	normal	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.27	0	normal	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
1,2-Dichloropropane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.27	0	normal	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.27	4.4e-9	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.27	4.4e-9	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.23	0	normal	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.23	0	normal	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	1.012	0.2688	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.23	0	normal	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.23	0	normal	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.23	0	normal	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.23	0	normal	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.23	1.7e-9	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.23	1.7e-9	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	2.1	0	normal	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	2.1	0	normal	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	2.073	0.1623	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	2.1	0	normal	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	2.1	0	normal	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	2.1	0	normal	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	2.1	0	normal	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-17	No	n/a	n/a	NP	NaN	6	9.533	18.21	ln(x)	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	2.1	3.9e-8	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	2	0	normal	ShapiroWilk
2-Hexanone (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	2	0	normal	ShapiroWilk
2-Hexanone (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	2	0	normal	ShapiroWilk
2-Hexanone (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	2	0	normal	ShapiroWilk
2-Hexanone (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	2	0	normal	ShapiroWilk
2-Hexanone (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	2	0	normal	ShapiroWilk
2-Hexanone (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	2	0	normal	ShapiroWilk
2-Hexanone (ug/L)	MW-17	No	n/a	n/a	NP	NaN	6	2	0	normal	ShapiroWilk
2-Hexanone (ug/L)	MW-18	No	n/a	n/a	NP	NaN	6	2	0	normal	ShapiroWilk
4-Methyl-2-Pentanone (ug/L)	MW-1	No	n/a	n/a	NP	NaN	4	2.1	0	normal	ShapiroWilk
4-Methyl-2-Pentanone (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	4	2.1	0	normal	ShapiroWilk
4-Methyl-2-Pentanone (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	4	2.1	0	normal	ShapiroWilk
4-Methyl-2-Pentanone (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	4	2.1	0	normal	ShapiroWilk
4-Methyl-2-Pentanone (ug/L)	MW-12	No	n/a	n/a	NP	NaN	4	2.1	0	normal	ShapiroWilk
4-Methyl-2-Pentanone (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	4	2.1	0	normal	ShapiroWilk
4-Methyl-2-Pentanone (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	2.1	3.9e-8	unknown	ShapiroWilk
4-Methyl-2-Pentanone (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	2.1	3.9e-8	unknown	ShapiroWilk
Acetone (ug/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	3.4	1.041	unknown	ShapiroWilk
Acetone (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	3.1	0	normal	ShapiroWilk
Acetone (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	4.278	4.997	unknown	ShapiroWilk
Acetone (ug/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	29	3.017	0.2516	unknown	ShapiroWilk
Acetone (ug/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	3.168	0.5816	unknown	ShapiroWilk
Acetone (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	3.1	0	normal	ShapiroWilk
Acetone (ug/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	3.233	0.6257	unknown	ShapiroWilk
Acetone (ug/L)	MW-17	No	n/a	n/a	NP	NaN	6	35.25	77.29	ln(x)	ShapiroWilk
Acetone (ug/L)	MW-18	No	n/a	n/a	NP	NaN	6	3.97	2.131	ln(x)	ShapiroWilk
Acrylonitrile (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	2.2	0	normal	ShapiroWilk
Acrylonitrile (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	2.2	0	normal	ShapiroWilk
Acrylonitrile (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	2.2	0	normal	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Acrylonitrile (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	2.2	0	normal	ShapiroWilk
Acrylonitrile (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	2.2	0	normal	ShapiroWilk
Acrylonitrile (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	2.2	0	normal	ShapiroWilk
Acrylonitrile (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	2.2	0	normal	ShapiroWilk
Acrylonitrile (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	2.2	1.9e-8	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	2.2	1.9e-8	unknown	ShapiroWilk
Antimony (mg/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.001016	0.0002101	unknown	ShapiroWilk
Antimony (mg/L)	MW-28 (bg)	n/a	n/a	n/a	NP	NaN	19	0.000962	0.0001656	unknown	ShapiroWilk
Antimony (mg/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.000...	0.0001378	unknown	ShapiroWilk
Antimony (mg/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	33	0.001	0	normal	ShapiroWilk
Antimony (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.001065	0.000578	unknown	ShapiroWilk
Antimony (mg/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.001	0	normal	ShapiroWilk
Antimony (mg/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	0.000...	0.0002605	unknown	ShapiroWilk
Antimony (mg/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.001	1.9e-11	unknown	ShapiroWilk
Antimony (mg/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.001	1.9e-11	unknown	ShapiroWilk
Arsenic (mg/L)	MW-1	No	n/a	n/a	NP	NaN	35	0.006561	0.004639	x^(1/3)	ShapiroWilk
Arsenic (mg/L)	MW-20	No	n/a	n/a	NP	NaN	12	0.04269	0.03132	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-21	No	n/a	n/a	NP	NaN	12	0.01322	0.006818	normal	ShapiroWilk
Arsenic (mg/L)	MW-26	No	n/a	n/a	NP	NaN	13	0.01736	0.01053	sqrt(x)	ShapiroWilk
Arsenic (mg/L)	MW-27	No	n/a	n/a	NP	NaN	7	0.01404	0.01256	x^(1/3)	ShapiroWilk
Arsenic (mg/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	19	0.000...	0.0001122	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-2AR	No	n/a	n/a	NP	NaN	36	0.05243	0.01635	x^2	ShapiroWilk
Arsenic (mg/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	33	0.000...	0.0000...	unknown	ShapiroWilk
Arsenic (mg/L)	MW-12	Yes	0.192,0.0...	1/20/2011...	NP	NaN	33	0.006497	0.03331	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-5AR (bg)	Yes	0.0441	9/18/2014	NP	NaN	31	0.002818	0.008215	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.002245	0.0009492	x^2	ShapiroWilk
Arsenic (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.003712	0.002929	x^(1/3)	ShapiroWilk
Arsenic (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.001913	0.001243	ln(x)	ShapiroWilk
Barium (mg/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.1435	0.01865	sqrt(x)	ShapiroWilk
Barium (mg/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	19	0.07182	0.05417	ln(x)	ShapiroWilk
Barium (mg/L)	MW-2AR	No	n/a	n/a	NP	NaN	36	1.278	0.5387	x^(1/3)	ShapiroWilk
Barium (mg/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	33	0.2765	0.0691	ln(x)	ShapiroWilk
Barium (mg/L)	MW-12	Yes	0.336	1/20/2011	NP	NaN	35	0.07966	0.04653	ln(x)	ShapiroWilk
Barium (mg/L)	MW-5AR (bg)	Yes	0.272,0.9...	7/8/2008,...	NP	NaN	31	0.09907	0.1714	ln(x)	ShapiroWilk
Barium (mg/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.03004	0.007236	ln(x)	ShapiroWilk
Barium (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.1282	0.08984	normal	ShapiroWilk
Barium (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.06427	0.03151	x^6	ShapiroWilk
Benzene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.22	0	normal	ShapiroWilk
Benzene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.22	0	normal	ShapiroWilk
Benzene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	36	1.588	1.304	x^(1/3)	ShapiroWilk
Benzene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.22	0	normal	ShapiroWilk
Benzene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.22	0	normal	ShapiroWilk
Benzene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.22	0	normal	ShapiroWilk
Benzene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.22	0	normal	ShapiroWilk
Benzene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.22	4.9e-10	unknown	ShapiroWilk
Benzene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.22	4.9e-10	unknown	ShapiroWilk
Beryllium (mg/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.00033	0	normal	ShapiroWilk
Beryllium (mg/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	19	0.00033	0	normal	ShapiroWilk
Beryllium (mg/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.00033	0	normal	ShapiroWilk
Beryllium (mg/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	33	0.00033	0	normal	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Beryllium (mg/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.00033	0	normal	ShapiroWilk
Beryllium (mg/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.000...	0.0003296	unknown	ShapiroWilk
Beryllium (mg/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	0.000...	0.0000...	unknown	ShapiroWilk
Beryllium (mg/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.00033	4.0e-12	unknown	ShapiroWilk
Beryllium (mg/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.00033	4.0e-12	unknown	ShapiroWilk
beta-BHC (ug/L)	MW-1	No	n/a	n/a	NP	NaN	6	0.0744	0	normal	ShapiroWilk
beta-BHC (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	4	0.0615	0	normal	ShapiroWilk
beta-BHC (ug/L)	MW-12	No	n/a	n/a	NP	NaN	4	0.05713	0.03454	sqrt(x)	ShapiroWilk
beta-BHC (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	4	0.064	0	normal	ShapiroWilk
Bromochloromethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.54	0	normal	ShapiroWilk
Bromochloromethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.54	0	normal	ShapiroWilk
Bromochloromethane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.54	0	normal	ShapiroWilk
Bromochloromethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.54	0	normal	ShapiroWilk
Bromochloromethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.54	0	normal	ShapiroWilk
Bromochloromethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.54	0	normal	ShapiroWilk
Bromochloromethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.54	0	normal	ShapiroWilk
Bromochloromethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.54	8.8e-9	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.54	8.8e-9	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.39	0	normal	ShapiroWilk
Bromodichloromethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.39	0	normal	ShapiroWilk
Bromodichloromethane (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.4549	0.3837	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.39	0	normal	ShapiroWilk
Bromodichloromethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.39	0	normal	ShapiroWilk
Bromodichloromethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.39	0	normal	ShapiroWilk
Bromodichloromethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.39	0	normal	ShapiroWilk
Bromodichloromethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.39	5.8e-9	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.39	5.8e-9	unknown	ShapiroWilk
Bromoform (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.78	0	normal	ShapiroWilk
Bromoform (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.78	0	normal	ShapiroWilk
Bromoform (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.78	0	normal	ShapiroWilk
Bromoform (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.78	0	normal	ShapiroWilk
Bromoform (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.78	0	normal	ShapiroWilk
Bromoform (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.78	0	normal	ShapiroWilk
Bromoform (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.78	0	normal	ShapiroWilk
Bromoform (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.78	1.2e-8	unknown	ShapiroWilk
Bromoform (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.78	1.2e-8	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	1.067	0.1926	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-28 (bg)	n/a	n/a	n/a	NP	NaN	9	1.039	0.2185	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	1.131	0.3608	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	29	1.077	0.1685	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	1.078	0.1425	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	1.1	0	normal	ShapiroWilk
Bromomethane (ug/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	1.067	0.1531	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	1.1	9.7e-9	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	1.1	9.7e-9	unknown	ShapiroWilk
Cadmium (mg/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.000...	0.000219	unknown	ShapiroWilk
Cadmium (mg/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	19	0.000...	0.0000...	normal	ShapiroWilk
Cadmium (mg/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.000...	0.001337	unknown	ShapiroWilk
Cadmium (mg/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	33	0.000...	0.0000...	unknown	ShapiroWilk
Cadmium (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.000...	0.0000...	unknown	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Cadmium (mg/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.000...	0.001034	unknown	ShapiroWilk
Cadmium (mg/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.000...	0.0000...	ln(x)	ShapiroWilk
Cadmium (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.000...	0.0000...	ln(x)	ShapiroWilk
Cadmium (mg/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.0001	1.0e-12	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.45	0	normal	ShapiroWilk
Carbon disulfide (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.45	0	normal	ShapiroWilk
Carbon disulfide (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.45	0	normal	ShapiroWilk
Carbon disulfide (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.45	0	normal	ShapiroWilk
Carbon disulfide (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.45	0	normal	ShapiroWilk
Carbon disulfide (ug/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.4961	0.2568	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.45	0	normal	ShapiroWilk
Carbon disulfide (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.45	4.9e-9	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.45	4.9e-9	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.65	0	normal	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.65	0	normal	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.65	0	normal	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.65	0	normal	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.65	0	normal	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.65	0	normal	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.65	0	normal	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.65	9.7e-9	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.65	9.7e-9	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.4	0	normal	ShapiroWilk
Chlorobenzene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.4	0	normal	ShapiroWilk
Chlorobenzene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	5.735	4.238	ln(x)	ShapiroWilk
Chlorobenzene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.4	0	normal	ShapiroWilk
Chlorobenzene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.4	0	normal	ShapiroWilk
Chlorobenzene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.4	0	normal	ShapiroWilk
Chlorobenzene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.4	0	normal	ShapiroWilk
Chlorobenzene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.4	2.4e-9	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.4	2.4e-9	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.79	0	normal	ShapiroWilk
Chloroethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.79	0	normal	ShapiroWilk
Chloroethane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	36	10.04	8.625	x^(1/3)	ShapiroWilk
Chloroethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.79	0	normal	ShapiroWilk
Chloroethane (ug/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.7945	0.02006	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.79	0	normal	ShapiroWilk
Chloroethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.79	0	normal	ShapiroWilk
Chloroethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.79	8.8e-9	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.79	8.8e-9	unknown	ShapiroWilk
Chloroform (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	1.3	0	normal	ShapiroWilk
Chloroform (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	1.3	0	normal	ShapiroWilk
Chloroform (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	1.3	0	normal	ShapiroWilk
Chloroform (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	1.3	0	normal	ShapiroWilk
Chloroform (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	1.3	0	normal	ShapiroWilk
Chloroform (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	1.3	0	normal	ShapiroWilk
Chloroform (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	1.3	0	normal	ShapiroWilk
Chloroform (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	1.3	1.9e-8	unknown	ShapiroWilk
Chloroform (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	1.3	1.9e-8	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.6247	0.08575	unknown	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Chloromethane (ug/L)	MW-28 (bg)	n/a	n/a	n/a	NP	NaN	9	0.6431	0.09933	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.6246	0.08621	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	29	0.6146	0.02451	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.6596	0.2168	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.6023	0.04311	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.61	0	normal	ShapiroWilk
Chloromethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.61	5.8e-9	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.61	5.8e-9	unknown	ShapiroWilk
Chromium (mg/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.00179	0.0000...	unknown	ShapiroWilk
Chromium (mg/L)	MW-28 (bg)	n/a	n/a	n/a	NP	NaN	19	0.001756	0.0001468	unknown	ShapiroWilk
Chromium (mg/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.001753	0.0001837	unknown	ShapiroWilk
Chromium (mg/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	33	0.003225	0.008289	unknown	ShapiroWilk
Chromium (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.002955	0.00562	unknown	ShapiroWilk
Chromium (mg/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.00411	0.009898	unknown	ShapiroWilk
Chromium (mg/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	0.001922	0.0005735	unknown	ShapiroWilk
Chromium (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.001683	0.0002858	sqrt(x)	ShapiroWilk
Chromium (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.001683	0.0002858	sqrt(x)	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.21	0	normal	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.21	0	normal	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.4024	1.11	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	29	0.2708	0.1427	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.21	0	normal	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.2487	0.2155	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.21	0	normal	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.21	2.7e-9	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.21	2.7e-9	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.25	0	normal	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.25	0	normal	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.25	0	normal	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.25	0	normal	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.25	0	normal	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.25	0	normal	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.25	0	normal	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.25	0	normal	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.25	0	normal	ShapiroWilk
Cobalt (mg/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.002175	0.001282	sqrt(x)	ShapiroWilk
Cobalt (mg/L)	MW-28 (bg)	Yes	0.000085,...	1/26/2018...	NP	NaN	19	0.000...	0.000134	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.002025	0.001842	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-6A (bg)	Yes	0.0011	9/11/2017	NP	NaN	33	0.000...	0.0001963	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.0017	0.00355	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.001058	0.004755	unknown	ShapiroWilk
Cobalt (mg/L)	MW-9B	No	n/a	n/a	NP	NaN	26	0.005972	0.004384	sqrt(x)	ShapiroWilk
Cobalt (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.003554	0.003065	normal	ShapiroWilk
Cobalt (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.001258	0.0009477	normal	ShapiroWilk
Copper (mg/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.006373	0.01869	unknown	ShapiroWilk
Copper (mg/L)	MW-28 (bg)	n/a	n/a	n/a	NP	NaN	19	0.002957	0.0006018	unknown	ShapiroWilk
Copper (mg/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.003694	0.003425	unknown	ShapiroWilk
Copper (mg/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	33	0.004735	0.00605	unknown	ShapiroWilk
Copper (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.004734	0.005308	unknown	ShapiroWilk
Copper (mg/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.00562	0.009852	unknown	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Copper (mg/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.003011	0.0007036	normal	ShapiroWilk
Copper (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.004217	0.004086	ln(x)	ShapiroWilk
Copper (mg/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.002897	0.0005629	unknown	ShapiroWilk
Dibromochloromethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.75	0	normal	ShapiroWilk
Dibromochloromethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.75	0	normal	ShapiroWilk
Dibromochloromethane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.75	0	normal	ShapiroWilk
Dibromochloromethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.75	0	normal	ShapiroWilk
Dibromochloromethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.75	0	normal	ShapiroWilk
Dibromochloromethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.75	0	normal	ShapiroWilk
Dibromochloromethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.75	0	normal	ShapiroWilk
Dibromochloromethane (ug/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.75	0	normal	ShapiroWilk
Dibromochloromethane (ug/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.75	0	normal	ShapiroWilk
Dichloromethane (ug/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	1.726	0.1531	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	1.7	0	normal	ShapiroWilk
Dichloromethane (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	36	1.601	0.3447	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	1.7	0	normal	ShapiroWilk
Dichloromethane (ug/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	1.727	0.1564	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	1.652	0.2673	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	1.632	0.3181	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	1.7	1.9e-8	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	1.7	1.9e-8	unknown	ShapiroWilk
Dieldrin (ug/L)	MW-1	No	n/a	n/a	NP	NaN	6	0.0744	0	normal	ShapiroWilk
Dieldrin (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	4	0.0615	0	normal	ShapiroWilk
Dieldrin (ug/L)	MW-12	No	n/a	n/a	NP	NaN	4	0.05638	0.03605	normal	ShapiroWilk
Dieldrin (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	4	0.064	0	normal	ShapiroWilk
Diethylphthalate (ug/L)	MW-1	No	n/a	n/a	NP	NaN	6	11.1	0	normal	ShapiroWilk
Diethylphthalate (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	4	10	0	normal	ShapiroWilk
Diethylphthalate (ug/L)	MW-12	No	n/a	n/a	NP	NaN	4	10	0	normal	ShapiroWilk
Diethylphthalate (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	4	12.5	0	normal	ShapiroWilk
Endosulfan I (ug/L)	MW-1	No	n/a	n/a	NP	NaN	6	0.0744	0	normal	ShapiroWilk
Endosulfan I (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	4	0.0615	0	normal	ShapiroWilk
Endosulfan I (ug/L)	MW-12	No	n/a	n/a	NP	NaN	4	0.0744	0	normal	ShapiroWilk
Endosulfan I (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	4	0.064	0	normal	ShapiroWilk
Endosulfan II (ug/L)	MW-1	No	n/a	n/a	NP	NaN	6	0.0744	0	normal	ShapiroWilk
Endosulfan II (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	4	0.0615	0	normal	ShapiroWilk
Endosulfan II (ug/L)	MW-12	No	n/a	n/a	NP	NaN	4	0.0744	0	normal	ShapiroWilk
Endosulfan II (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	4	0.064	0	normal	ShapiroWilk
Ethylbenzene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.31	0	normal	ShapiroWilk
Ethylbenzene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.31	0	normal	ShapiroWilk
Ethylbenzene (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.3311	0.1251	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.31	0	normal	ShapiroWilk
Ethylbenzene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.31	0	normal	ShapiroWilk
Ethylbenzene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.31	0	normal	ShapiroWilk
Ethylbenzene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.31	0	normal	ShapiroWilk
Ethylbenzene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.31	9.7e-10	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.31	9.7e-10	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	7.045	0.2615	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	7	0	normal	ShapiroWilk
Iodomethane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	7	0	normal	ShapiroWilk
Iodomethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	7	0	normal	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Iodomethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	7	0	normal	ShapiroWilk
Iodomethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	7	0	normal	ShapiroWilk
Iodomethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	7	0	normal	ShapiroWilk
Iodomethane (ug/L)	MW-17	No	n/a	n/a	NP	NaN	6	7	0	normal	ShapiroWilk
Iodomethane (ug/L)	MW-18	No	n/a	n/a	NP	NaN	6	7	0	normal	ShapiroWilk
Lead (mg/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.000...	0.0007258	unknown	ShapiroWilk
Lead (mg/L)	MW-28 (bg)	Yes	0.00238,0...	3/13/2018...	NP	NaN	19	0.000...	0.000513	ln(x)	ShapiroWilk
Lead (mg/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.000...	0.0002341	unknown	ShapiroWilk
Lead (mg/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	33	0.000...	0.0006634	unknown	ShapiroWilk
Lead (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.000...	0.0008131	unknown	ShapiroWilk
Lead (mg/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.001034	0.002465	unknown	ShapiroWilk
Lead (mg/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.000...	0.0003635	ln(x)	ShapiroWilk
Lead (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.000...	0.0007495	ln(x)	ShapiroWilk
Lead (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.000...	0.0001488	ln(x)	ShapiroWilk
Methylene Bromide (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.33	0	normal	ShapiroWilk
Methylene Bromide (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.33	0	normal	ShapiroWilk
Methylene Bromide (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.33	0	normal	ShapiroWilk
Methylene Bromide (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.33	0	normal	ShapiroWilk
Methylene Bromide (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.33	0	normal	ShapiroWilk
Methylene Bromide (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.33	0	normal	ShapiroWilk
Methylene Bromide (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.33	0	normal	ShapiroWilk
Methylene Bromide (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.33	5.4e-9	unknown	ShapiroWilk
Methylene Bromide (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.33	5.4e-9	unknown	ShapiroWilk
Nickel (mg/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.003046	0.001876	ln(x)	ShapiroWilk
Nickel (mg/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	19	0.006769	0.00296	x^2	ShapiroWilk
Nickel (mg/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.03184	0.01805	x^(1/3)	ShapiroWilk
Nickel (mg/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	33	0.00355	0.002358	ln(x)	ShapiroWilk
Nickel (mg/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.02637	0.01653	ln(x)	ShapiroWilk
Nickel (mg/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.004461	0.01077	unknown	ShapiroWilk
Nickel (mg/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.008174	0.005494	ln(x)	ShapiroWilk
Nickel (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.007058	0.004833	normal	ShapiroWilk
Nickel (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.003587	0.001729	normal	ShapiroWilk
Selenium (mg/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.00141	0.0000...	unknown	ShapiroWilk
Selenium (mg/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	19	0.002003	0.0009899	ln(x)	ShapiroWilk
Selenium (mg/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.001418	0.0001048	unknown	ShapiroWilk
Selenium (mg/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	33	0.0014	0	normal	ShapiroWilk
Selenium (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.001463	0.000304	unknown	ShapiroWilk
Selenium (mg/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.001784	0.0006573	ln(x)	ShapiroWilk
Selenium (mg/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.0014	0	normal	ShapiroWilk
Selenium (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.001743	0.000841	ln(x)	ShapiroWilk
Selenium (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.005033	0.0089	ln(x)	ShapiroWilk
Silver (mg/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.000...	0.0001951	unknown	ShapiroWilk
Silver (mg/L)	MW-28 (bg)	n/a	n/a	n/a	NP	NaN	19	0.000...	0.0001262	unknown	ShapiroWilk
Silver (mg/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.000...	0.0001268	unknown	ShapiroWilk
Silver (mg/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	33	0.0005	0	normal	ShapiroWilk
Silver (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.000...	0.0000...	unknown	ShapiroWilk
Silver (mg/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.000...	0.0000...	unknown	ShapiroWilk
Silver (mg/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	0.000...	0.000095	unknown	ShapiroWilk
Silver (mg/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.0005	9.7e-12	unknown	ShapiroWilk
Silver (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.000...	0.0000...	ln(x)	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Styrene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.37	0	normal	ShapiroWilk
Styrene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.37	0	normal	ShapiroWilk
Styrene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.37	0	normal	ShapiroWilk
Styrene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.37	0	normal	ShapiroWilk
Styrene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.37	0	normal	ShapiroWilk
Styrene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.37	0	normal	ShapiroWilk
Styrene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.37	0	normal	ShapiroWilk
Styrene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.37	1.9e-9	unknown	ShapiroWilk
Styrene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.37	1.9e-9	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.48	0	normal	ShapiroWilk
Tetrachloroethene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.48	0	normal	ShapiroWilk
Tetrachloroethene (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	36	0.4783	0.01	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.48	0	normal	ShapiroWilk
Tetrachloroethene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.48	0	normal	ShapiroWilk
Tetrachloroethene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.48	0	normal	ShapiroWilk
Tetrachloroethene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.48	0	normal	ShapiroWilk
Tetrachloroethene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.48	4.4e-9	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.48	4.4e-9	unknown	ShapiroWilk
Thallium (mg/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.000...	0.00172	unknown	ShapiroWilk
Thallium (mg/L)	MW-28 (bg)	n/a	n/a	n/a	NP	NaN	19	0.000...	0.0000...	unknown	ShapiroWilk
Thallium (mg/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.000...	0.0000...	unknown	ShapiroWilk
Thallium (mg/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	33	0.00057	0	normal	ShapiroWilk
Thallium (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.000...	0.0002131	unknown	ShapiroWilk
Thallium (mg/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.00057	0	normal	ShapiroWilk
Thallium (mg/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	0.001194	0.00311	unknown	ShapiroWilk
Thallium (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.000...	0.0001266	sqrt(x)	ShapiroWilk
Thallium (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.000...	0.0001266	sqrt(x)	ShapiroWilk
Toluene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.43	0	normal	ShapiroWilk
Toluene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.43	0	normal	ShapiroWilk
Toluene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.43	0	normal	ShapiroWilk
Toluene (ug/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	29	0.4876	0.3101	unknown	ShapiroWilk
Toluene (ug/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.4246	0.03099	unknown	ShapiroWilk
Toluene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.43	0	normal	ShapiroWilk
Toluene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.43	0	normal	ShapiroWilk
Toluene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.43	2.9e-9	unknown	ShapiroWilk
Toluene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.43	2.9e-9	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.27	0	normal	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.27	0	normal	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.27	0	normal	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.27	0	normal	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.27	0	normal	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.27	0	normal	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.27	0	normal	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.27	4.4e-9	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.27	4.4e-9	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.56	0	normal	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.56	0	normal	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.56	0	normal	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.56	0	normal	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.56	0	normal	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
trans-1,3-Dichloropropene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.56	0	normal	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.56	0	normal	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.56	9.7e-10	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.56	9.7e-10	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (...)	MW-1	No	n/a	n/a	NP	NaN	34	1.1	0	normal	ShapiroWilk
trans-1,4-Dichloro-2-butene (...)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	1.1	0	normal	ShapiroWilk
trans-1,4-Dichloro-2-butene (...)	MW-2AR	No	n/a	n/a	NP	NaN	34	1.1	0	normal	ShapiroWilk
trans-1,4-Dichloro-2-butene (...)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	1.1	0	normal	ShapiroWilk
trans-1,4-Dichloro-2-butene (...)	MW-12	No	n/a	n/a	NP	NaN	33	1.1	0	normal	ShapiroWilk
trans-1,4-Dichloro-2-butene (...)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	1.1	0	normal	ShapiroWilk
trans-1,4-Dichloro-2-butene (...)	MW-9B	No	n/a	n/a	NP	NaN	22	1.1	0	normal	ShapiroWilk
trans-1,4-Dichloro-2-butene (...)	MW-17	n/a	n/a	n/a	NP	NaN	6	1.1	9.7e-9	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (...)	MW-18	n/a	n/a	n/a	NP	NaN	6	1.1	9.7e-9	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.43	0	normal	ShapiroWilk
Trichloroethene (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.43	0	normal	ShapiroWilk
Trichloroethene (ug/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	35	0.6423	1.256	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.43	0	normal	ShapiroWilk
Trichloroethene (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.43	0	normal	ShapiroWilk
Trichloroethene (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.43	0	normal	ShapiroWilk
Trichloroethene (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.43	0	normal	ShapiroWilk
Trichloroethene (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.43	2.9e-9	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.43	2.9e-9	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.38	0	normal	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.38	0	normal	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.38	0	normal	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.38	0	normal	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.38	0	normal	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.38	0	normal	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.38	0	normal	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.38	1.9e-9	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.38	1.9e-9	unknown	ShapiroWilk
Vanadium (mg/L)	MW-1	n/a	n/a	n/a	NP	NaN	34	0.001661	0.0001344	unknown	ShapiroWilk
Vanadium (mg/L)	MW-28 (bg)	n/a	n/a	n/a	NP	NaN	19	0.001738	0.0004523	unknown	ShapiroWilk
Vanadium (mg/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.003658	0.001503	ln(x)	ShapiroWilk
Vanadium (mg/L)	MW-6A (bg)	n/a	n/a	n/a	NP	NaN	33	0.001678	0.0000...	unknown	ShapiroWilk
Vanadium (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.001759	0.0009954	unknown	ShapiroWilk
Vanadium (mg/L)	MW-5AR (bg)	n/a	n/a	n/a	NP	NaN	31	0.005078	0.01885	unknown	ShapiroWilk
Vanadium (mg/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	0.001819	0.001474	unknown	ShapiroWilk
Vanadium (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.001715	0.0004086	sqrt(x)	ShapiroWilk
Vanadium (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.001662	0.0003952	x^(1/3)	ShapiroWilk
Vinyl acetate (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	2.5	0	normal	ShapiroWilk
Vinyl acetate (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	2.5	0	normal	ShapiroWilk
Vinyl acetate (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	2.5	0	normal	ShapiroWilk
Vinyl acetate (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	2.5	0	normal	ShapiroWilk
Vinyl acetate (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	2.5	0	normal	ShapiroWilk
Vinyl acetate (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	2.5	0	normal	ShapiroWilk
Vinyl acetate (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	2.5	0	normal	ShapiroWilk
Vinyl acetate (ug/L)	MW-17	No	n/a	n/a	NP	NaN	6	2.5	0	normal	ShapiroWilk
Vinyl acetate (ug/L)	MW-18	No	n/a	n/a	NP	NaN	6	2.5	0	normal	ShapiroWilk
Vinyl chloride (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.18	0	normal	ShapiroWilk

Outlier Analysis

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/15/2025, 2:42 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Vinyl chloride (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.18	0	normal	ShapiroWilk
Vinyl chloride (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.18	0	normal	ShapiroWilk
Vinyl chloride (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.18	0	normal	ShapiroWilk
Vinyl chloride (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.18	0	normal	ShapiroWilk
Vinyl chloride (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.18	0	normal	ShapiroWilk
Vinyl chloride (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.18	0	normal	ShapiroWilk
Vinyl chloride (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.18	2.9e-9	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.18	2.9e-9	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-1	No	n/a	n/a	NP	NaN	34	0.4	0	normal	ShapiroWilk
Xylenes, total (ug/L)	MW-28 (bg)	No	n/a	n/a	NP	NaN	9	0.4	0	normal	ShapiroWilk
Xylenes, total (ug/L)	MW-2AR	No	n/a	n/a	NP	NaN	35	0.4	0	normal	ShapiroWilk
Xylenes, total (ug/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	29	0.4	0	normal	ShapiroWilk
Xylenes, total (ug/L)	MW-12	No	n/a	n/a	NP	NaN	33	0.4	0	normal	ShapiroWilk
Xylenes, total (ug/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.4	0	normal	ShapiroWilk
Xylenes, total (ug/L)	MW-9B	No	n/a	n/a	NP	NaN	22	0.4	0	normal	ShapiroWilk
Xylenes, total (ug/L)	MW-17	n/a	n/a	n/a	NP	NaN	6	0.4	2.4e-9	unknown	ShapiroWilk
Xylenes, total (ug/L)	MW-18	n/a	n/a	n/a	NP	NaN	6	0.4	2.4e-9	unknown	ShapiroWilk
Zinc (mg/L)	MW-1	Yes	0.05655,0.06	9/12/2013...	NP	NaN	34	0.02129	0.01551	x^2	ShapiroWilk
Zinc (mg/L)	MW-28 (bg)	n/a	n/a	n/a	NP	NaN	19	0.01271	0.001248	unknown	ShapiroWilk
Zinc (mg/L)	MW-2AR	n/a	n/a	n/a	NP	NaN	36	0.03514	0.05411	unknown	ShapiroWilk
Zinc (mg/L)	MW-6A (bg)	No	n/a	n/a	NP	NaN	33	0.02108	0.01471	ln(x)	ShapiroWilk
Zinc (mg/L)	MW-12	n/a	n/a	n/a	NP	NaN	33	0.0174	0.0138	unknown	ShapiroWilk
Zinc (mg/L)	MW-5AR (bg)	No	n/a	n/a	NP	NaN	31	0.03273	0.03854	ln(x)	ShapiroWilk
Zinc (mg/L)	MW-9B	n/a	n/a	n/a	NP	NaN	22	0.01248	0.00146	unknown	ShapiroWilk
Zinc (mg/L)	MW-17	No	n/a	n/a	NP	NaN	6	0.01523	0.01363	ln(x)	ShapiroWilk
Zinc (mg/L)	MW-18	No	n/a	n/a	NP	NaN	6	0.01195	0.002722	x^6	ShapiroWilk

Flagged Outliers

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW G Database Printed 6/11/2025, 4:23 PM

	MW-2AR	1,4-Dichlorobenzene (ug/L)	MW-17	2-Butanone [MEK] (ug/L)	MW-17	Acetone (ug/L)	MW-12	Arsenic (mg/L)	MW-28	Barium (mg/L)	MW-12	Barium (mg/L)	MW-5AR	Barium (mg/L)	MW-2AR	Bromodichloromethane (ug/L)	MW-2AR	Bromomethane (ug/L)	MW-5AR	Carbon disulfide (ug/L)	MW-6A	Chromium (mg/L)	MW-12	Chromium (mg/L)
2/8/2008																								
5/5/2008																								
7/8/2008																								
9/8/2008												0.92 (X,oD)												
12/10/2008																								
4/24/2009												0.412 (Xo)												
7/16/2009																								
9/14/2009																								
3/25/2010																								
9/28/2010																								
1/20/2011						0.192 (o)				0.336 (o)														
2/15/2011																								
9/8/2011																								
3/7/2012																1.88 (o)								
9/7/2012																				0.0494 (o)	0.0341 (o)			
3/14/2013																								
9/12/2013																								
3/25/2014																								
9/18/2014																								
1/13/2016																								
3/15/2017																								
9/11/2017	<1 (o)												2.66 (Jo)	3.03 (Jo)										
3/13/2018																								
7/9/2018																								
5/13/2019																								
5/14/2019	<1 (o)																							
9/4/2019	<1 (o)																							
7/29/2020	<1 (o)																							
2/25/2022								0.286 (o)																
10/11/2023																								
10/12/2023																								
10/13/2023																								
5/6/2024		46.7 (o)	193 (o)																					

Page 2

[illegible]

Page 3

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW G Database Printed 6/11/2025, 4:23 PM

[illegible]

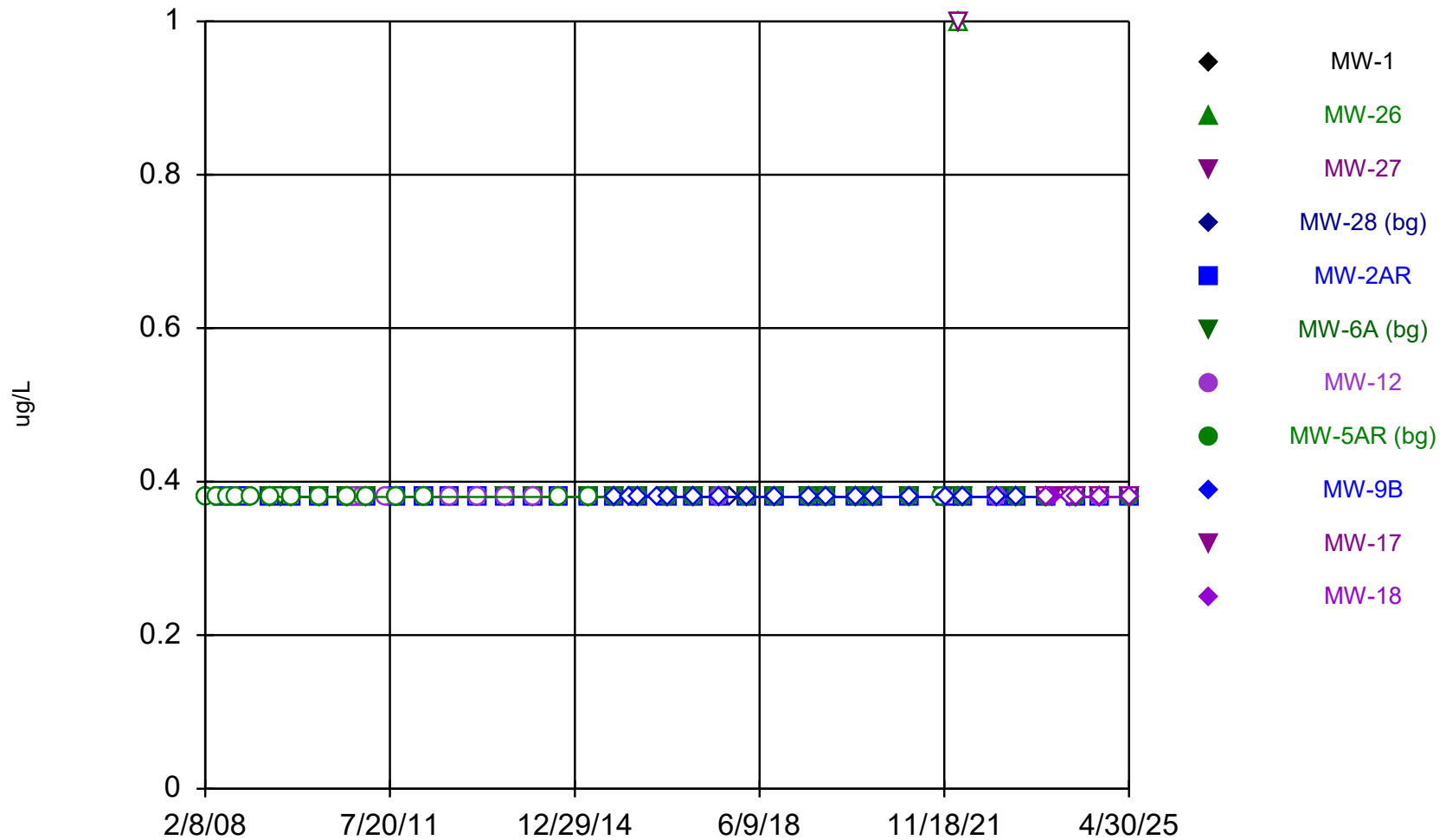


Time Series



This page intentionally left blank.

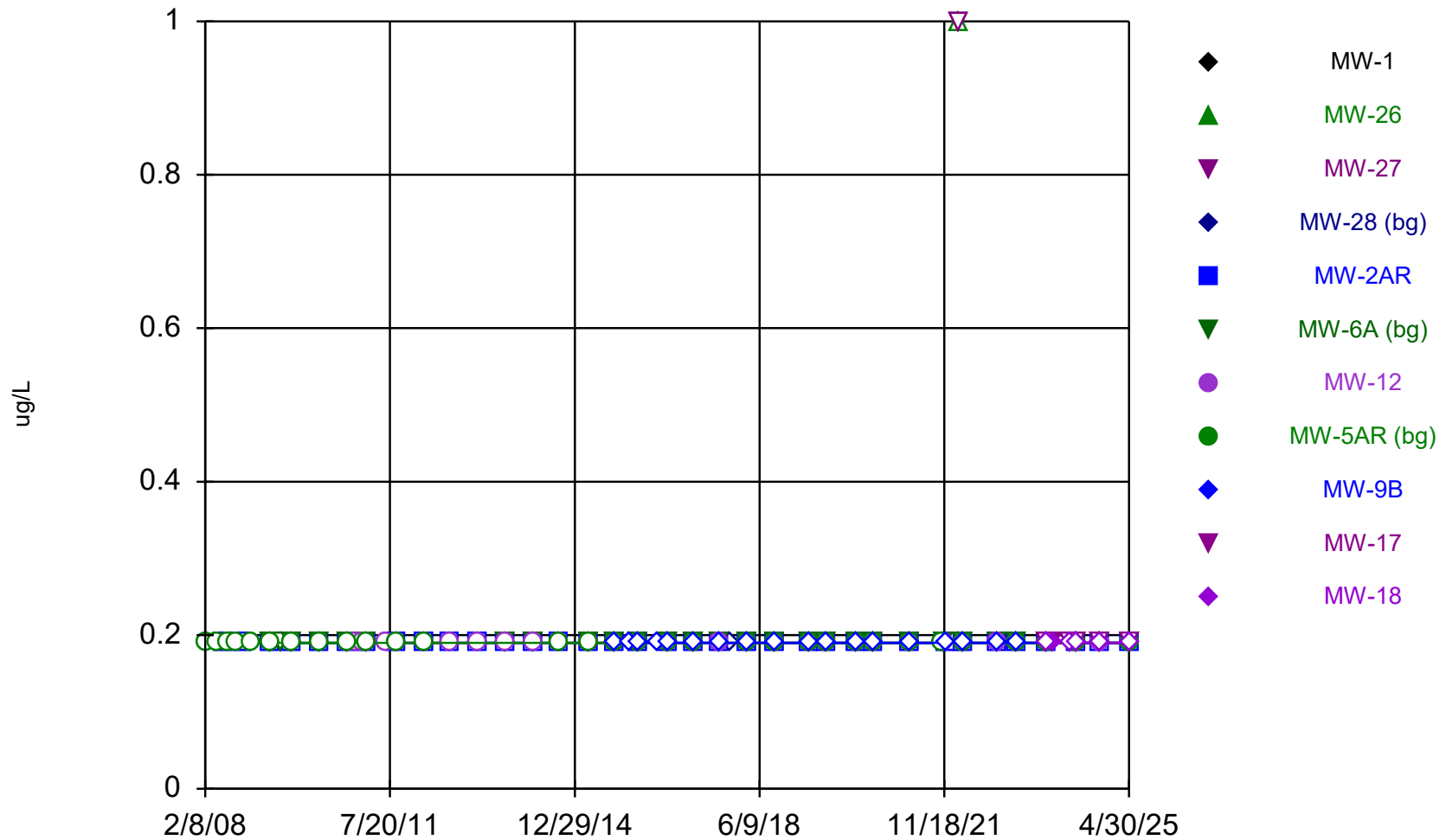
Time Series



Constituent: 1,1,1,2-Tetrachloroethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

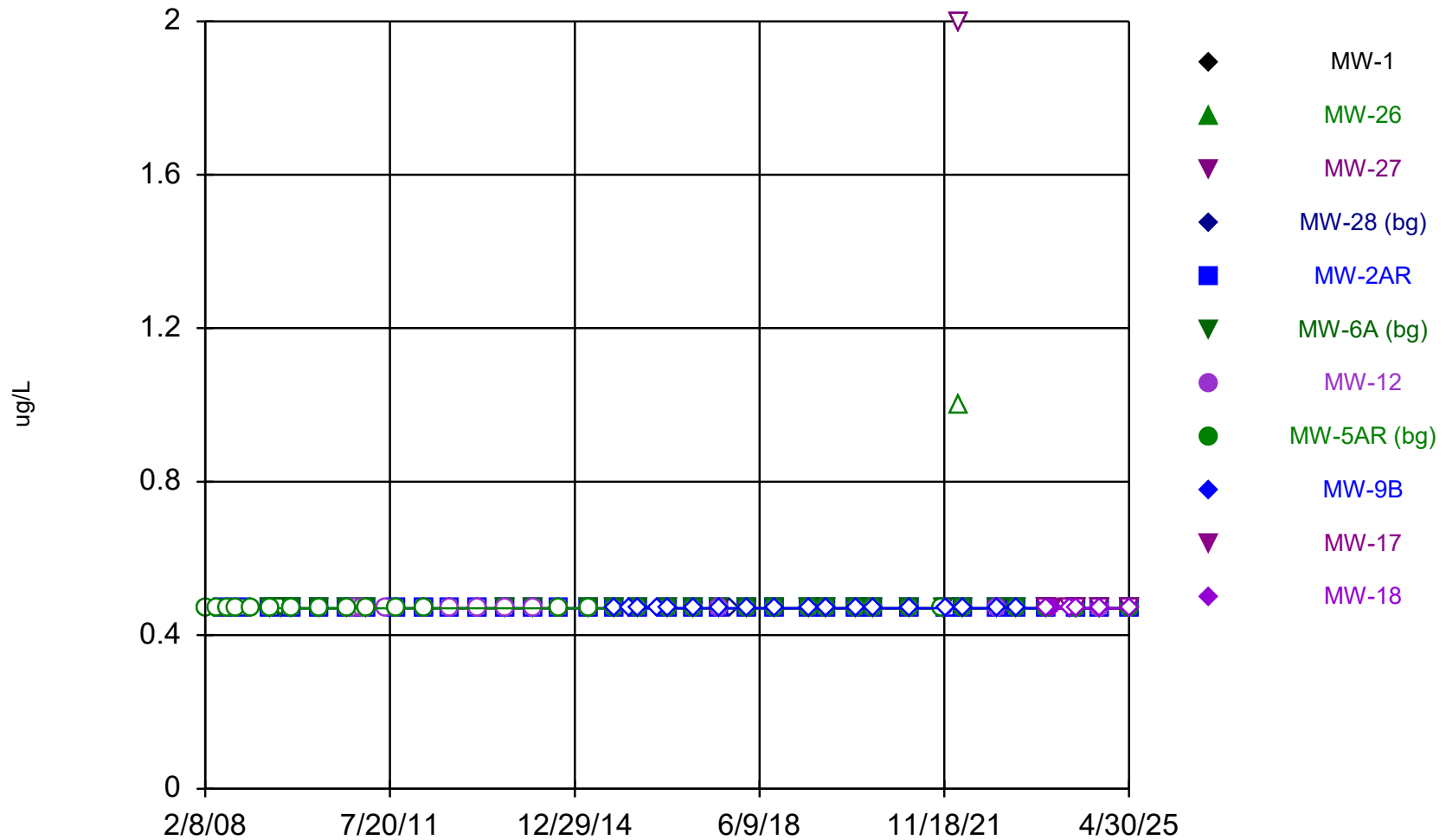
Time Series



Constituent: 1,1,1-Trichloroethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

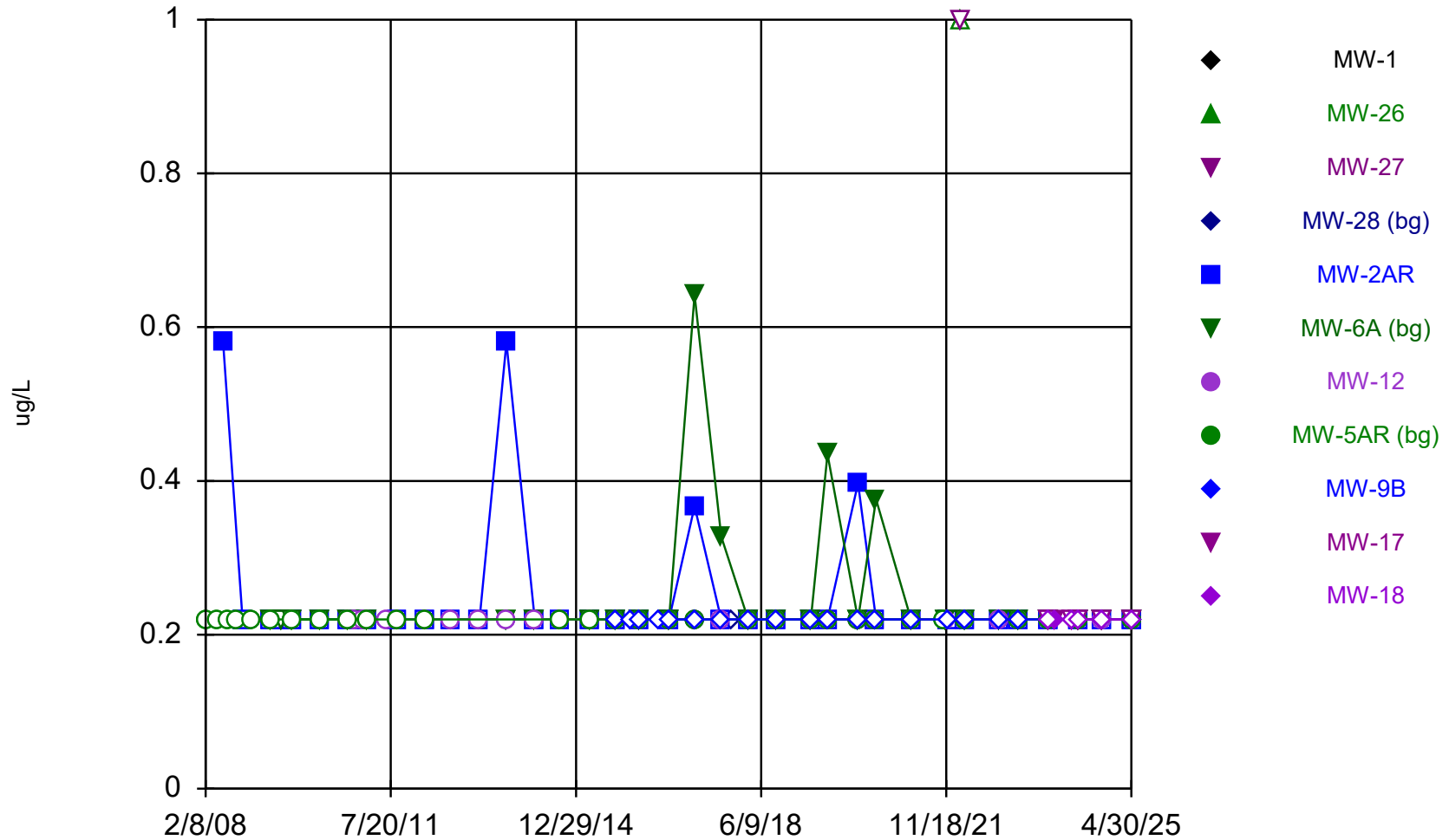
Time Series



Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

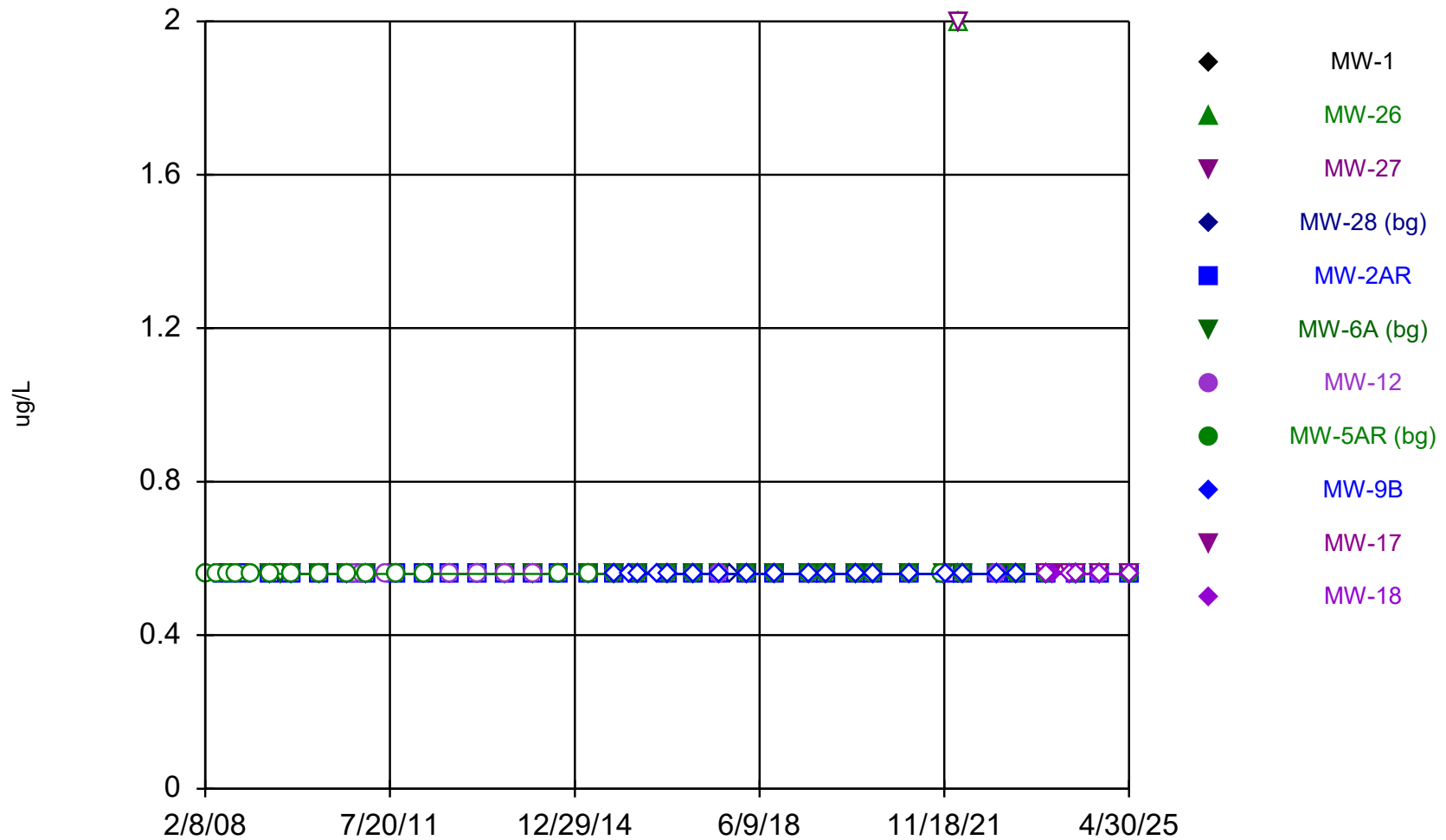
Time Series



Constituent: 1,1-Dichloroethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

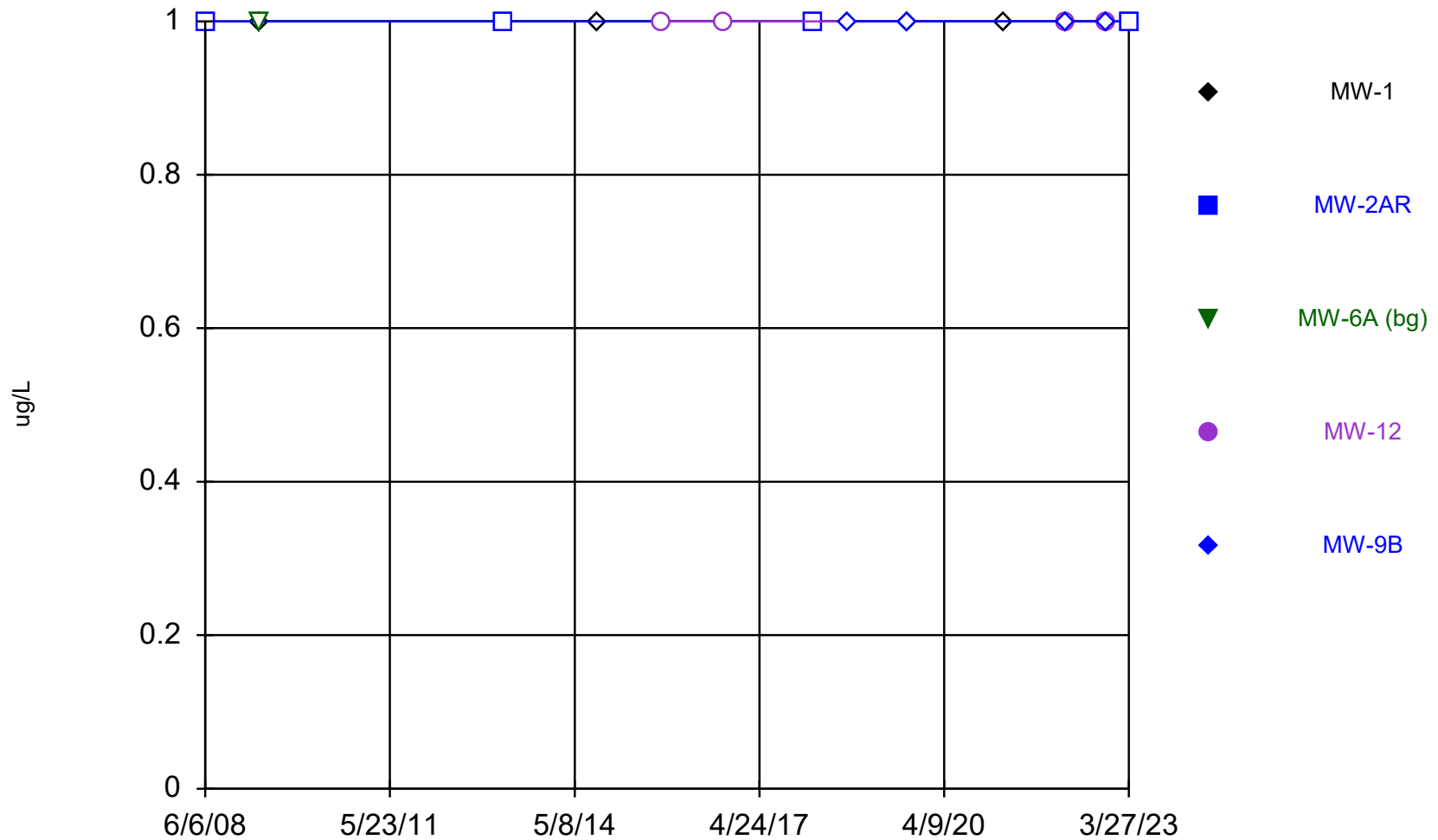
Time Series



Constituent: 1,1-Dichloroethene Analysis Run 5/15/2025 2:46 PM View: Well Network Review

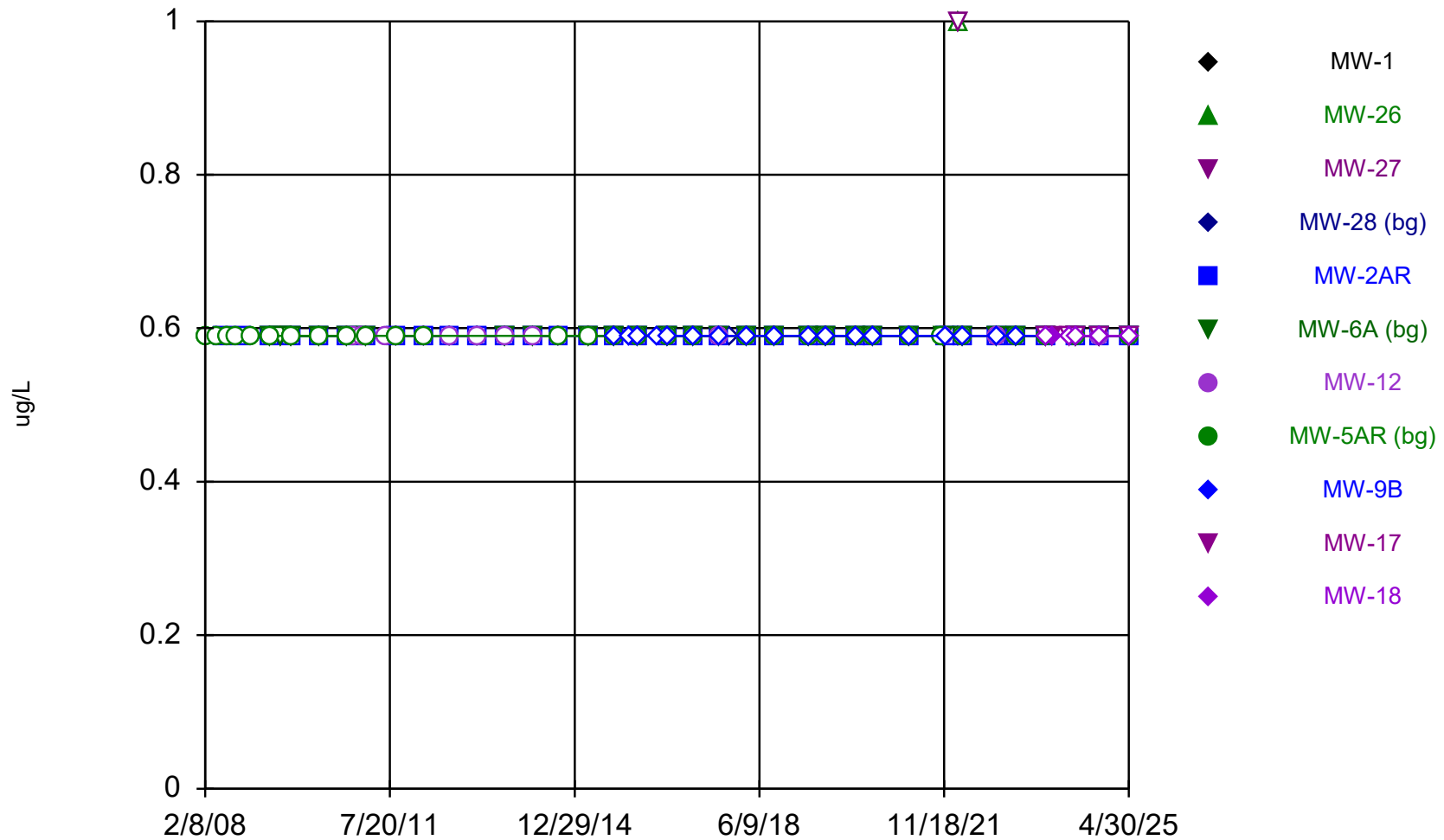
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: 1,1-Dichloropropene Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

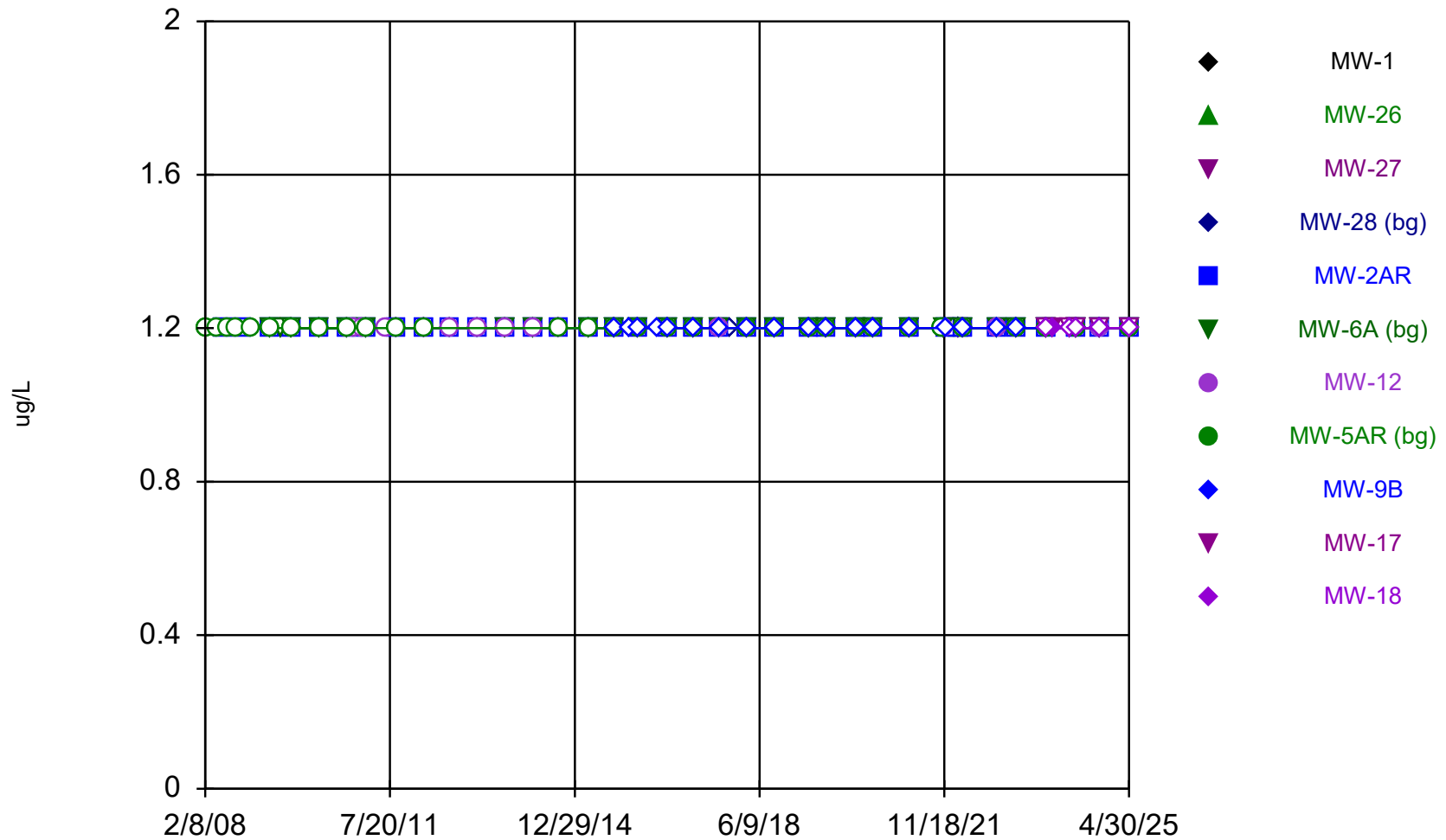
Time Series



Constituent: 1,2,3-Trichloropropane Analysis Run 5/15/2025 2:46 PM View: Well Network Review

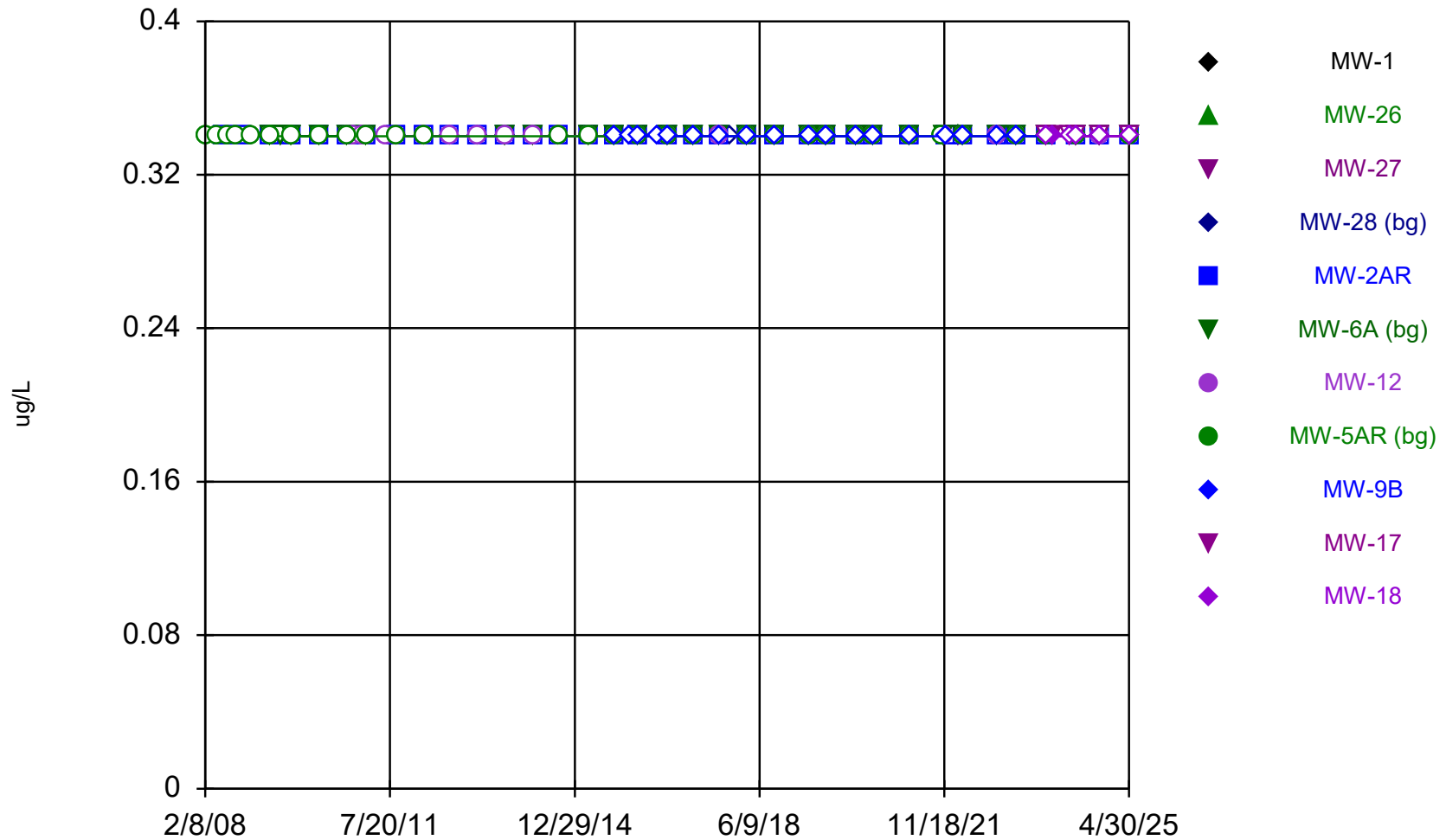
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

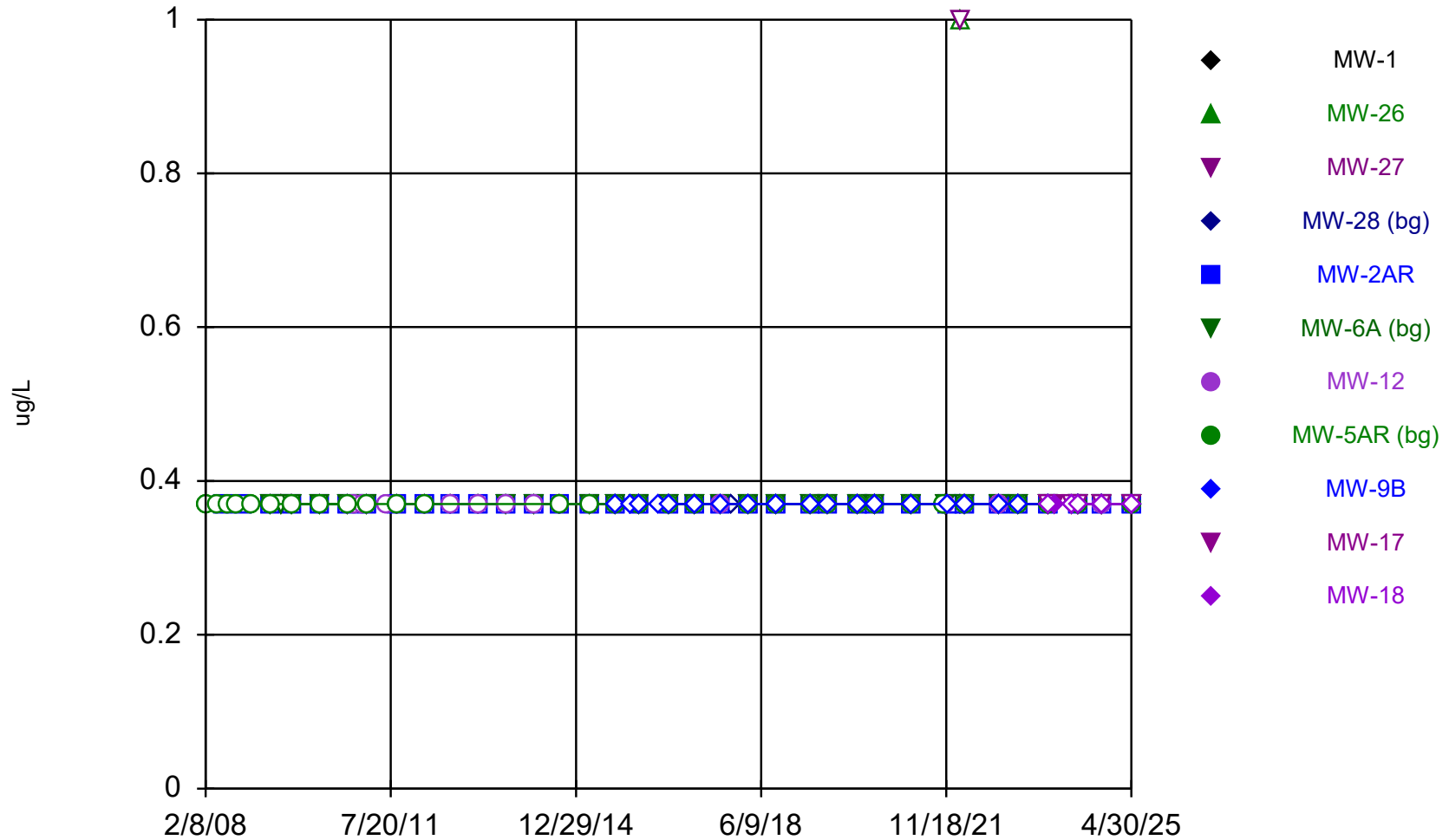
Time Series



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

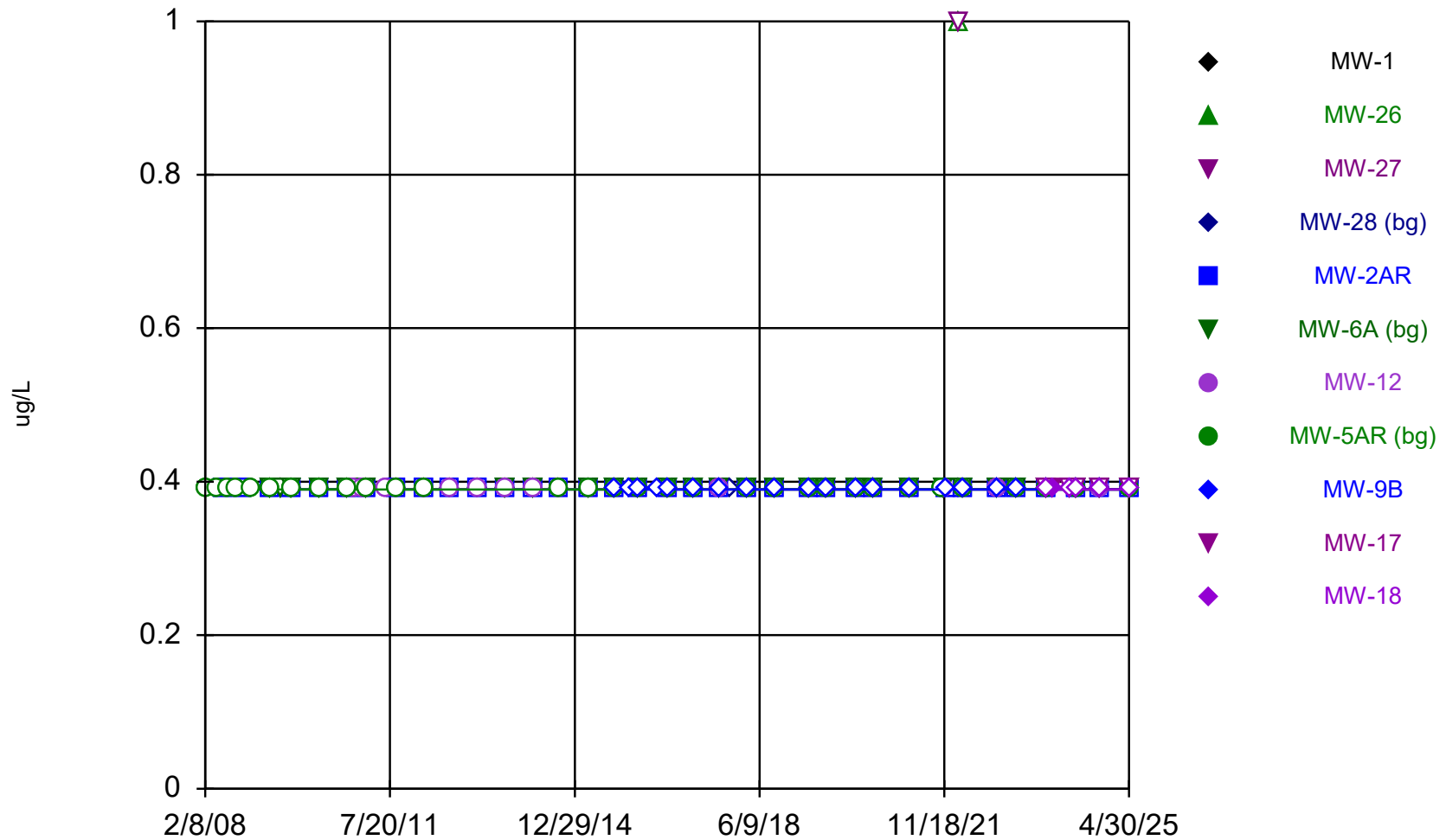
Time Series



Constituent: 1,2-Dichlorobenzene Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

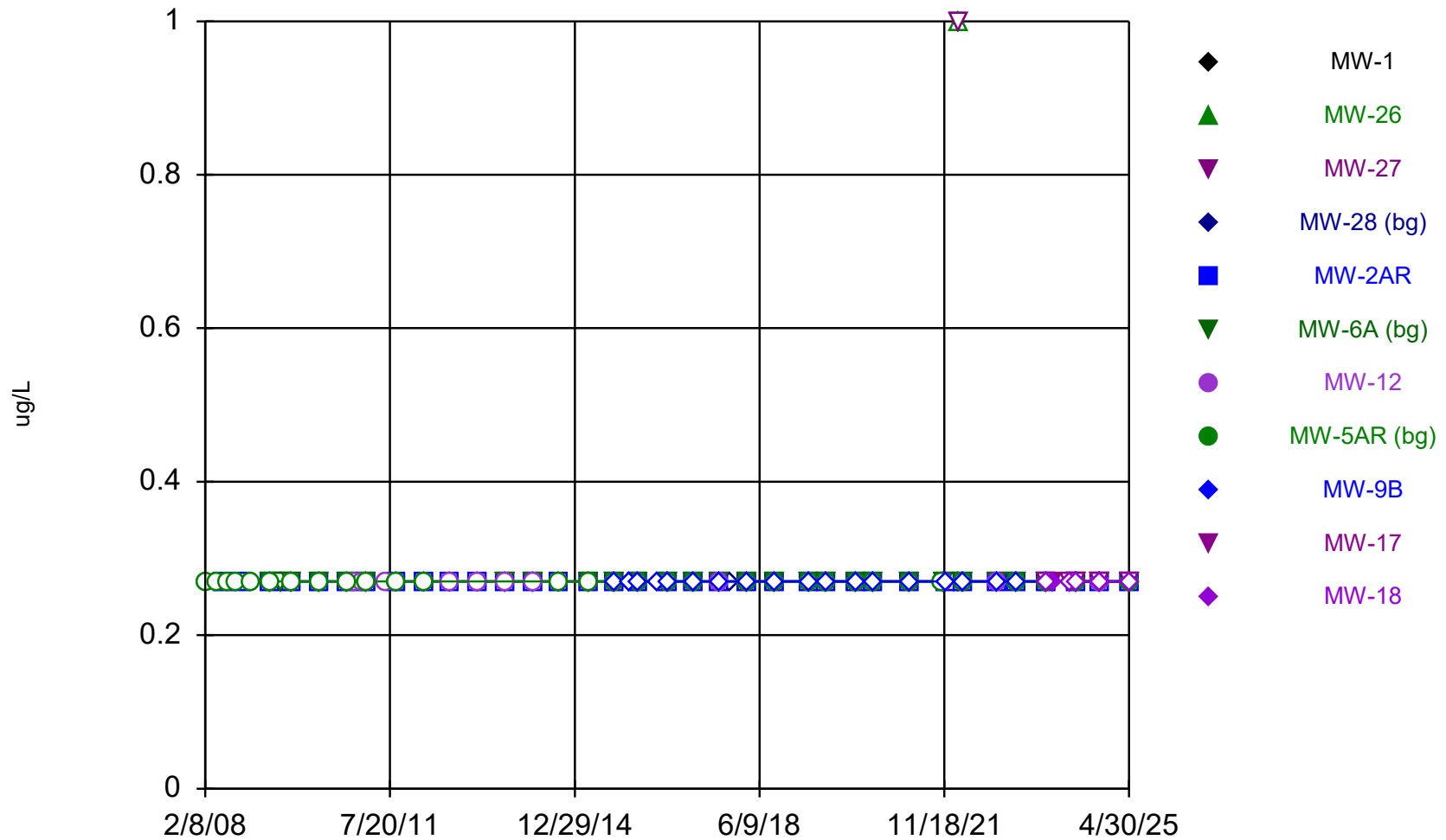
Time Series



Constituent: 1,2-Dichloroethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

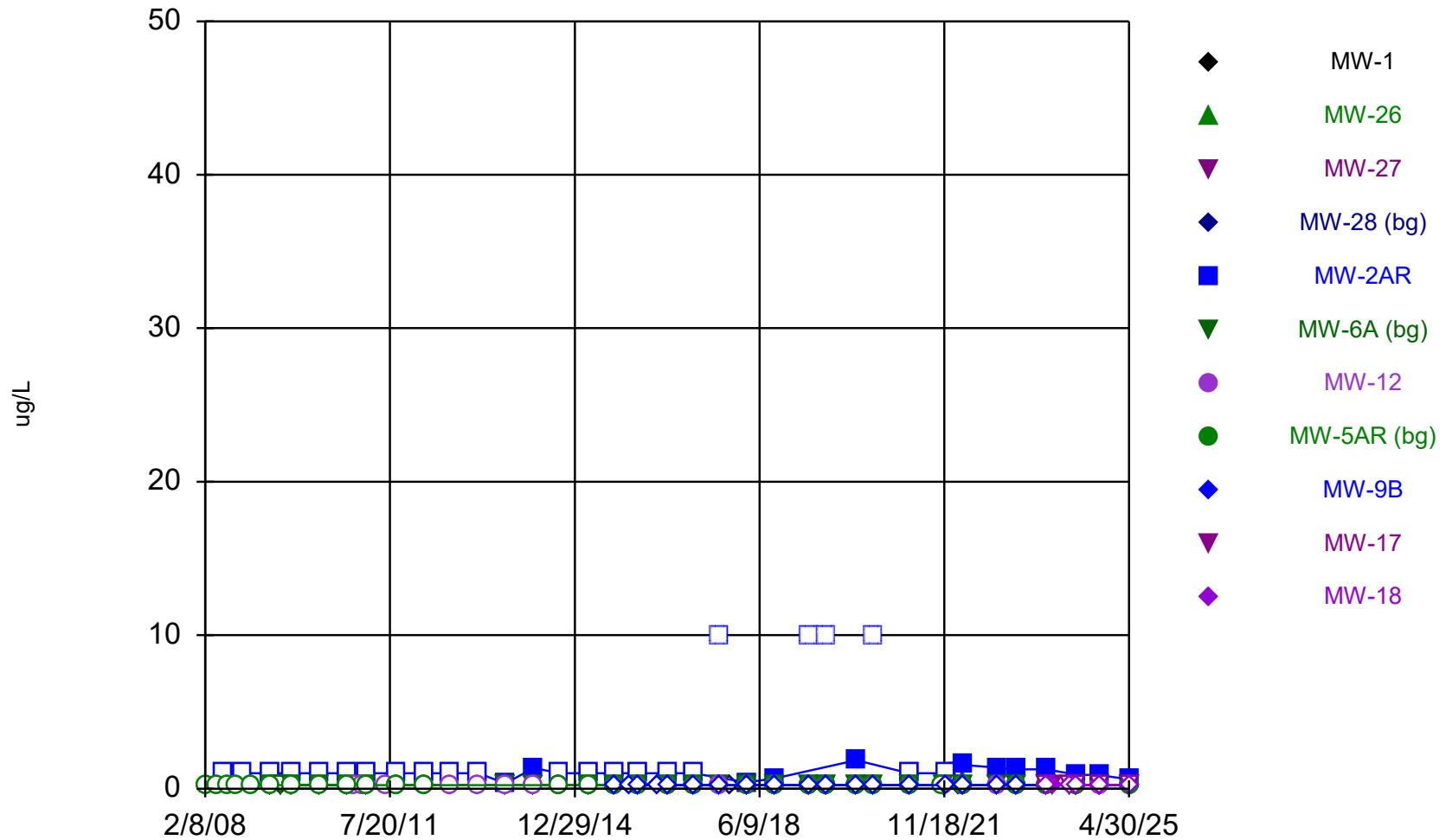
Time Series



Constituent: 1,2-Dichloropropane Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

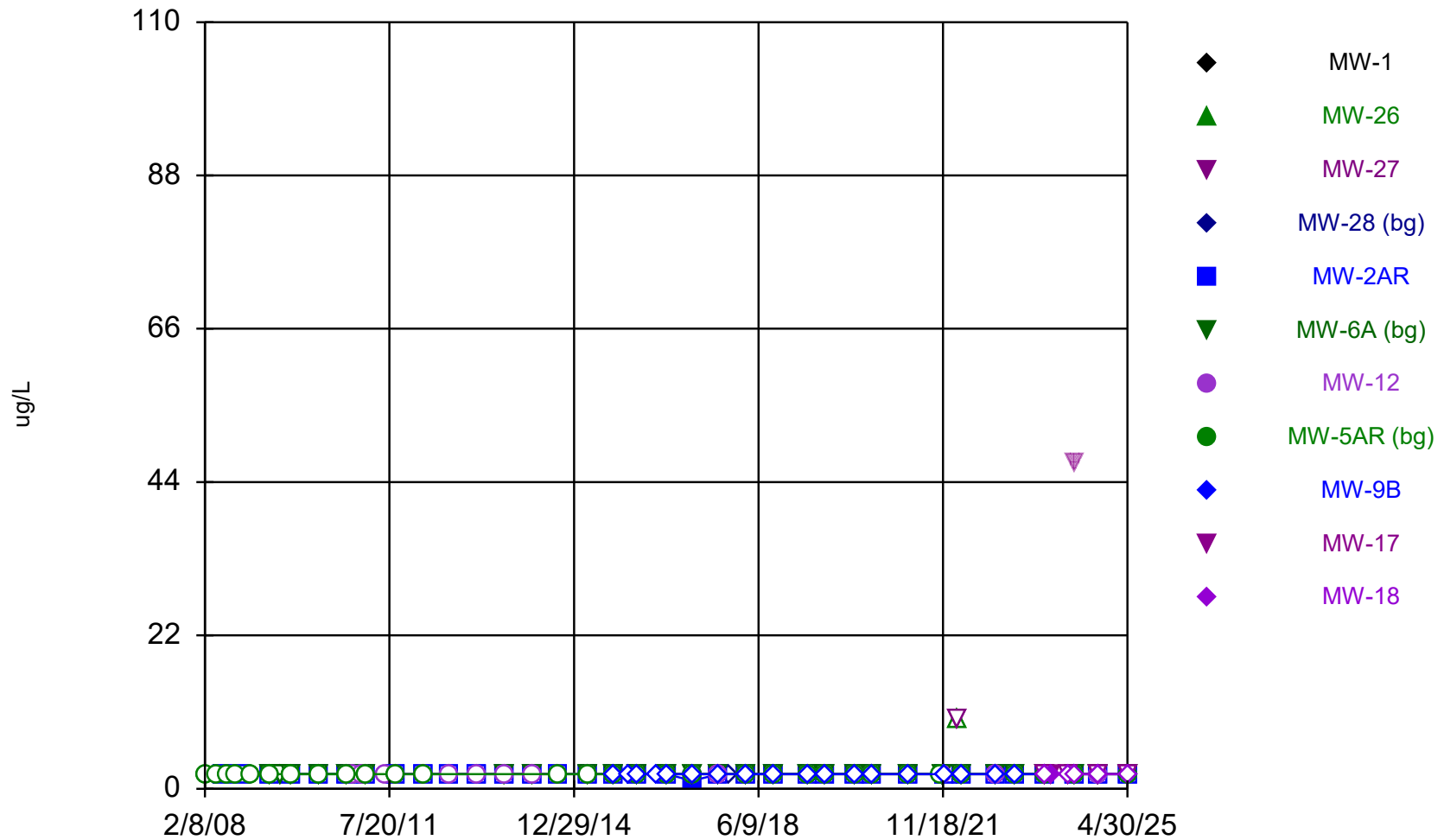
Time Series



Constituent: 1,4-Dichlorobenzene Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

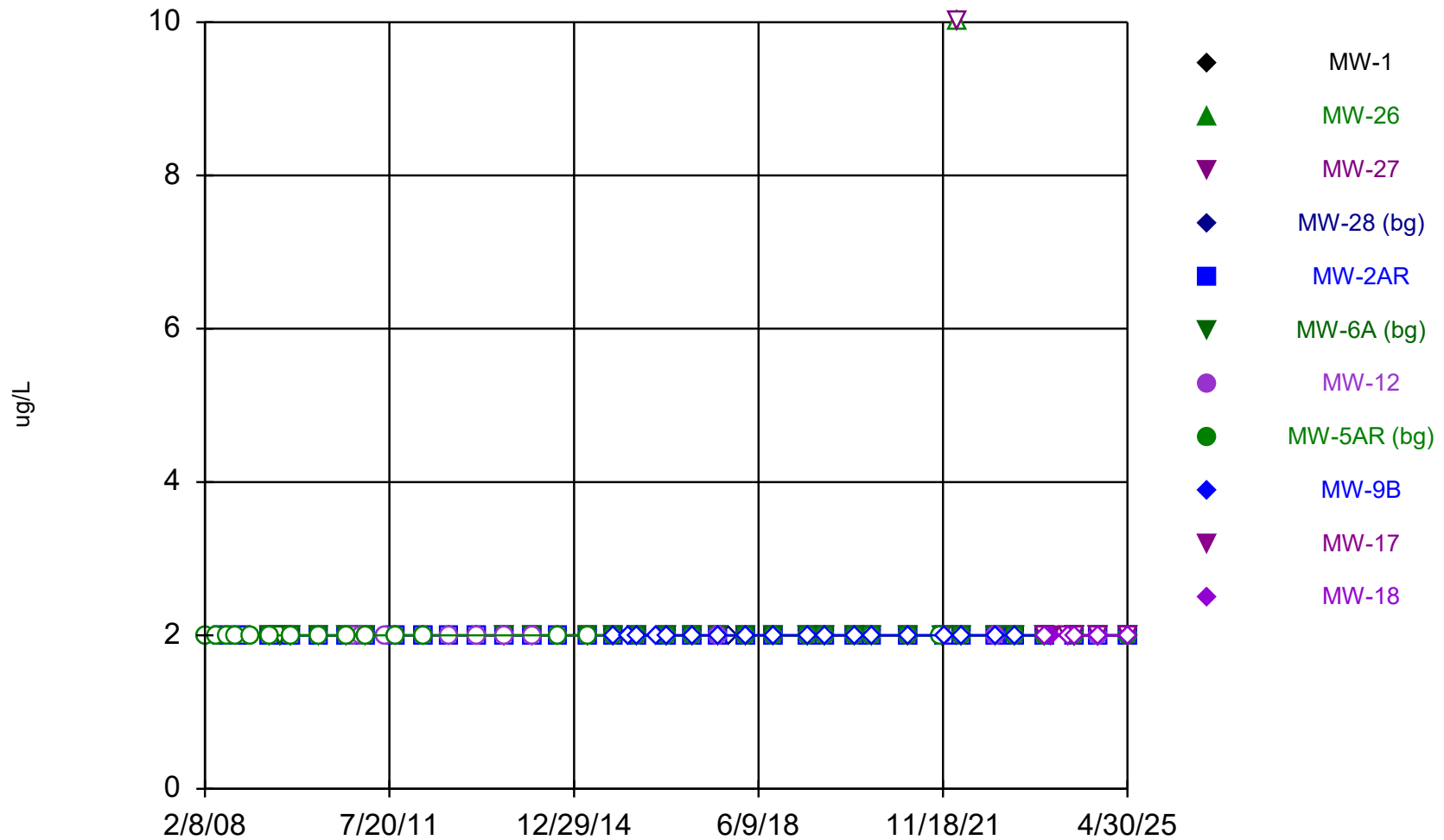
Time Series



Constituent: 2-Butanone [MEK] Analysis Run 5/15/2025 2:46 PM View: Well Network Review

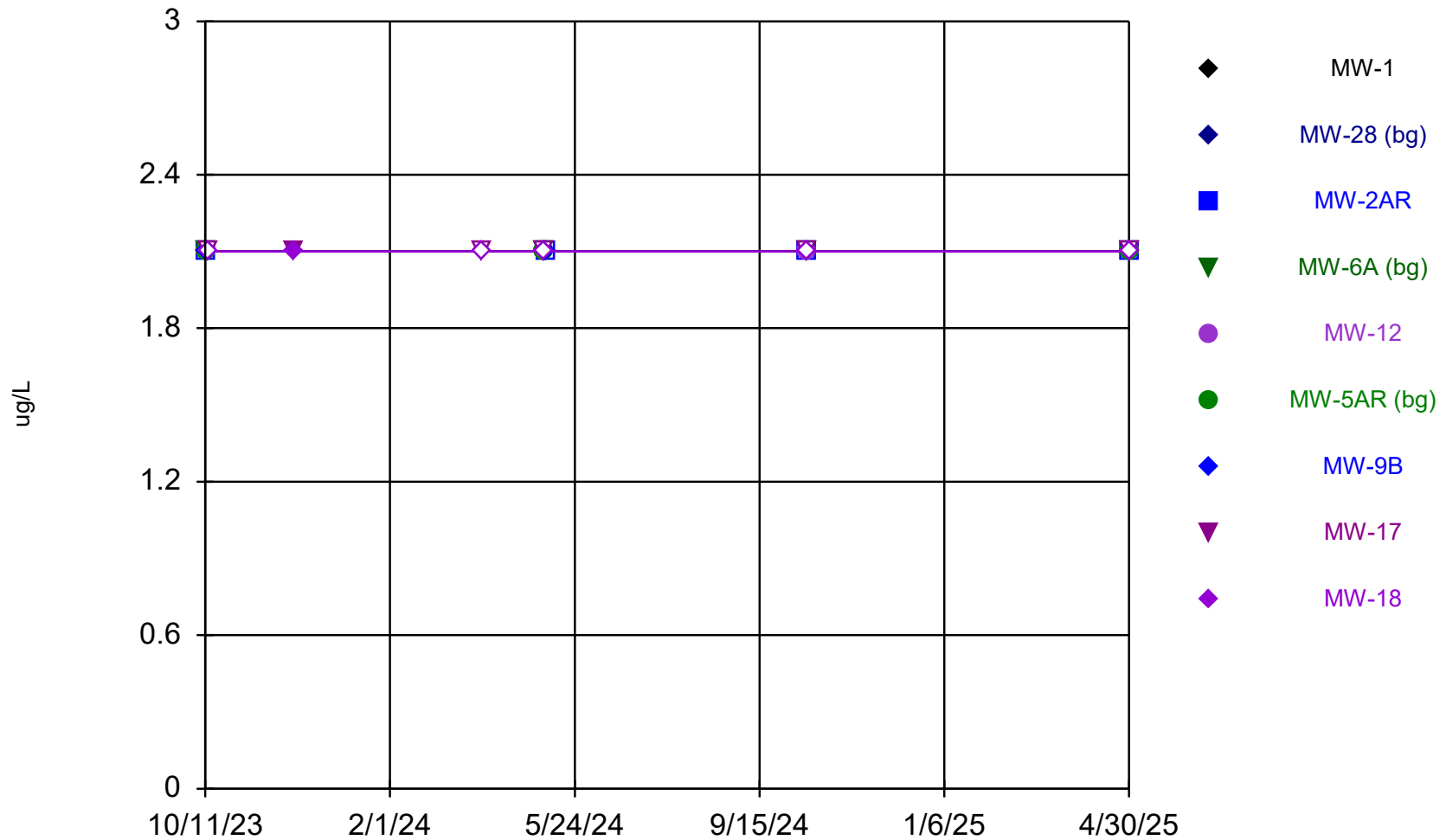
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: 2-Hexanone Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

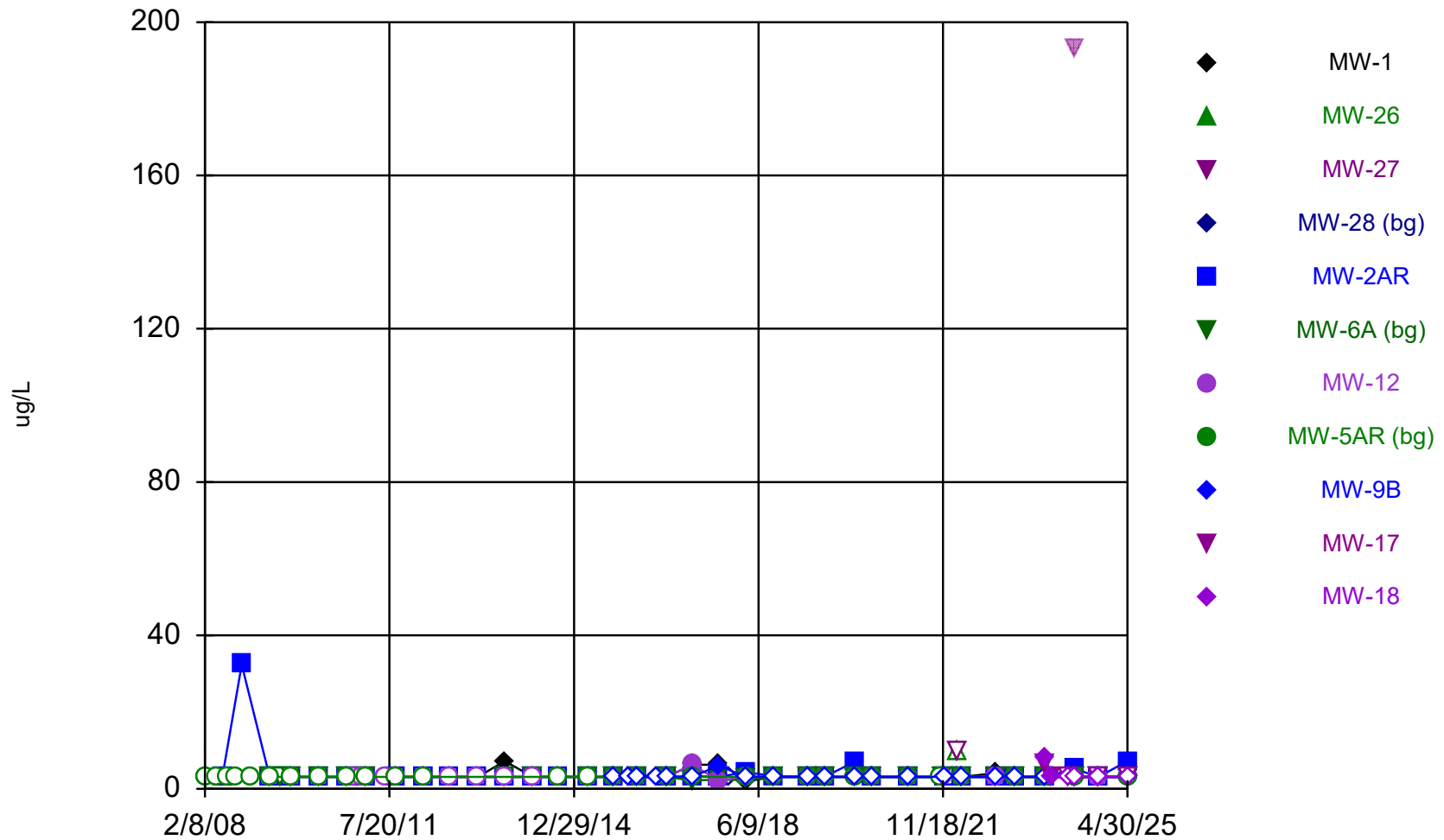
Time Series



Constituent: 4-Methyl-2-Pentanone Analysis Run 5/15/2025 2:46 PM View: Well Network Review

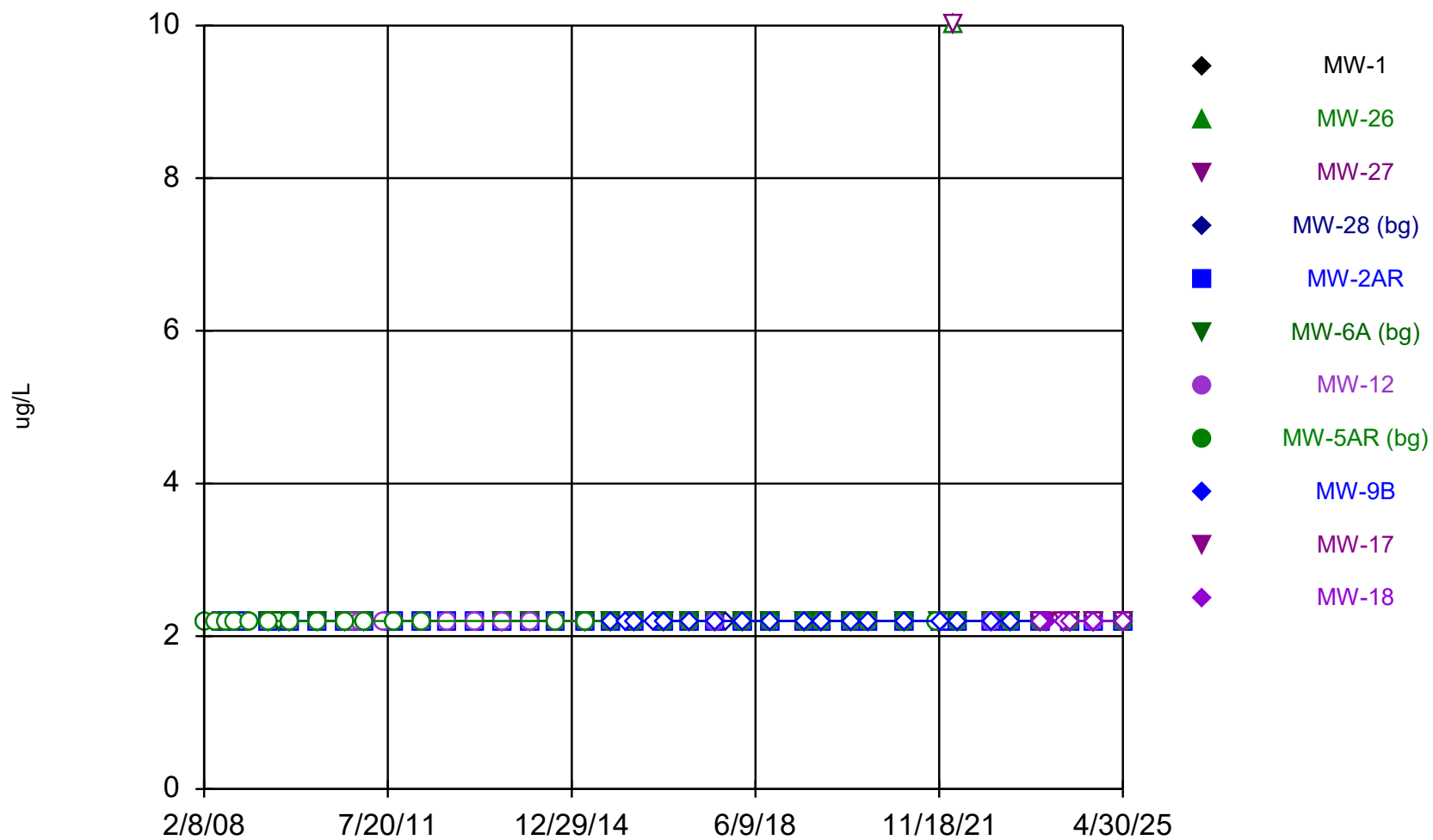
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: Acetone Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

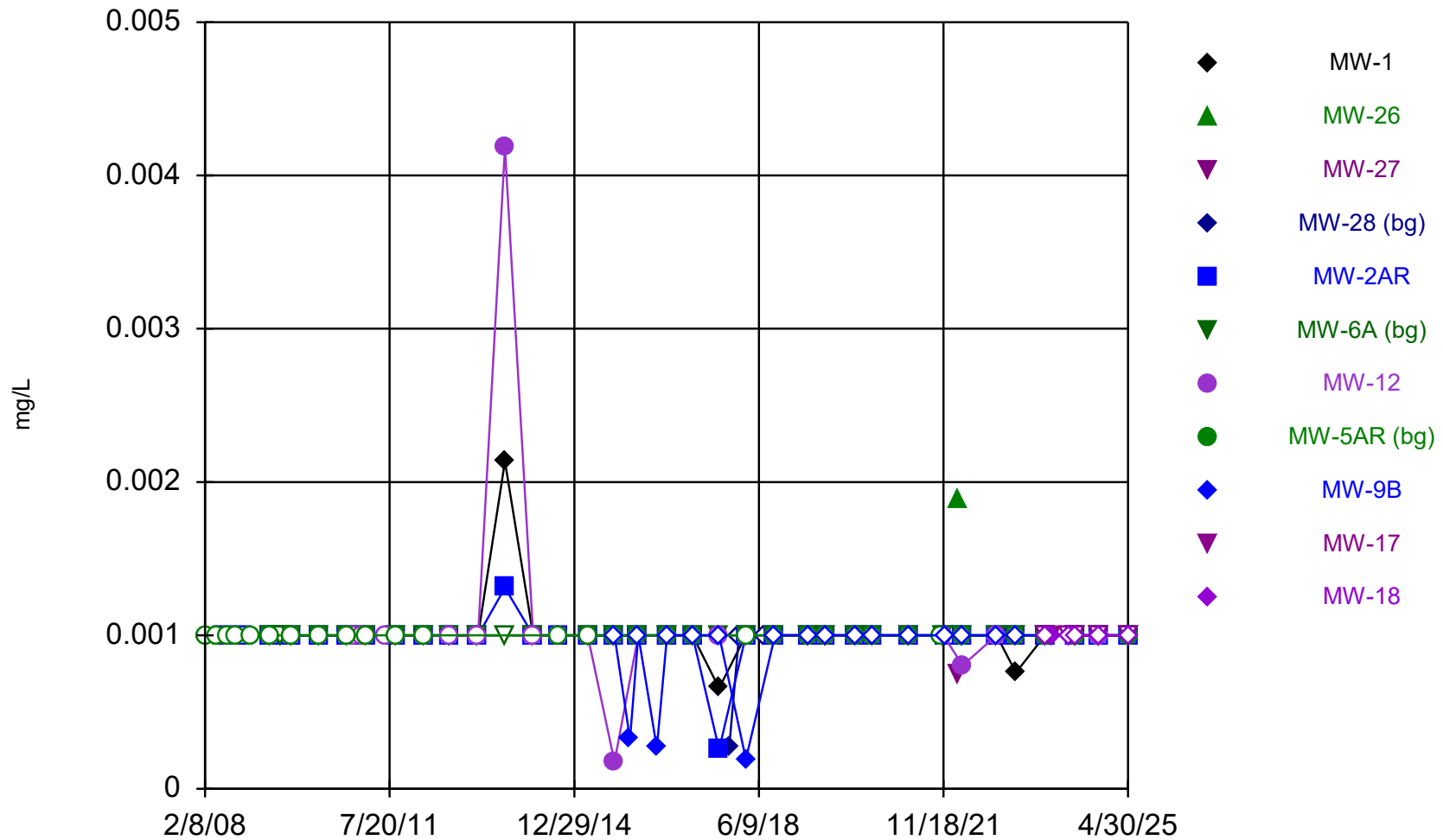
Time Series



Constituent: Acrylonitrile Analysis Run 5/15/2025 2:46 PM View: Well Network Review

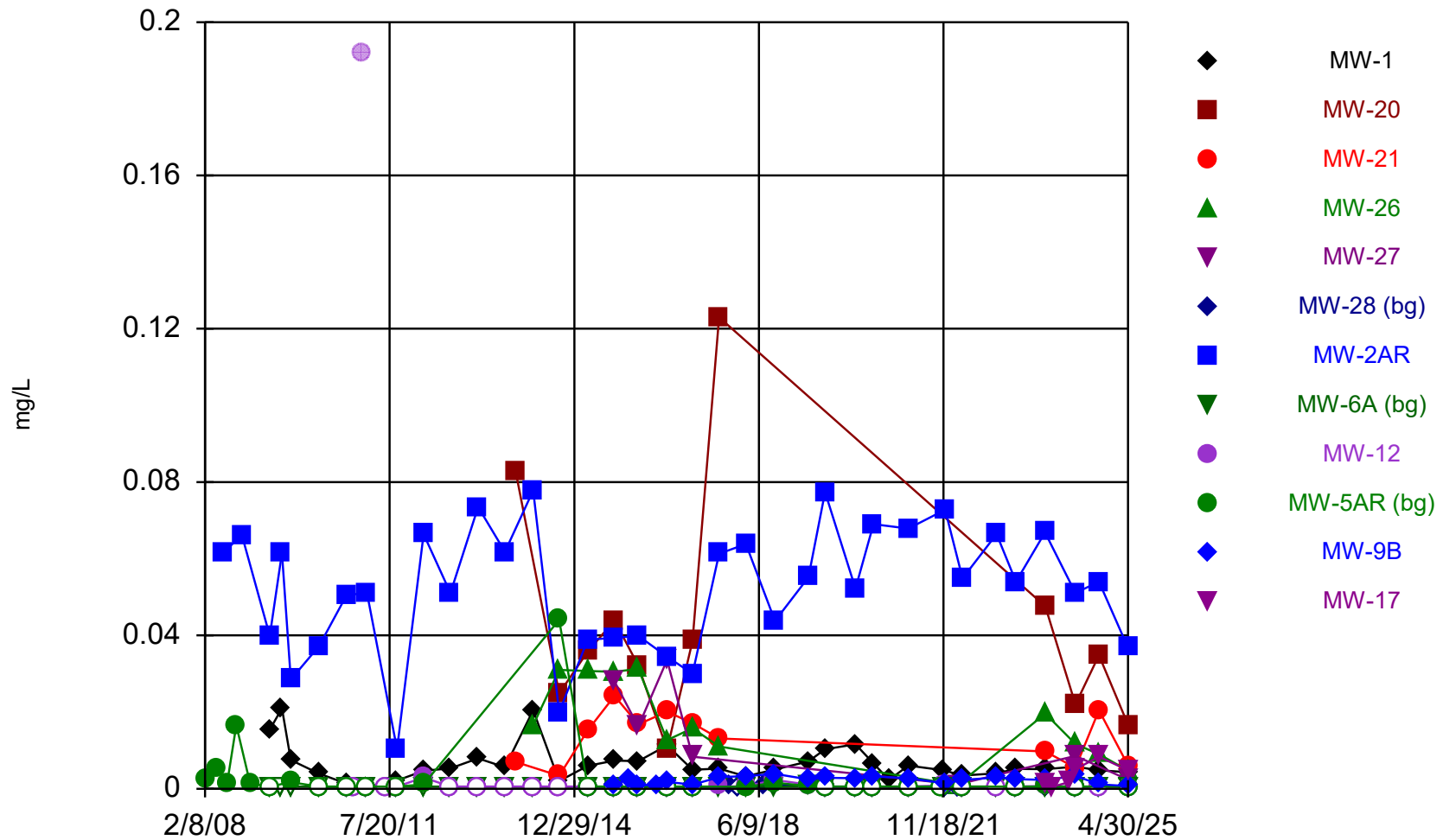
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



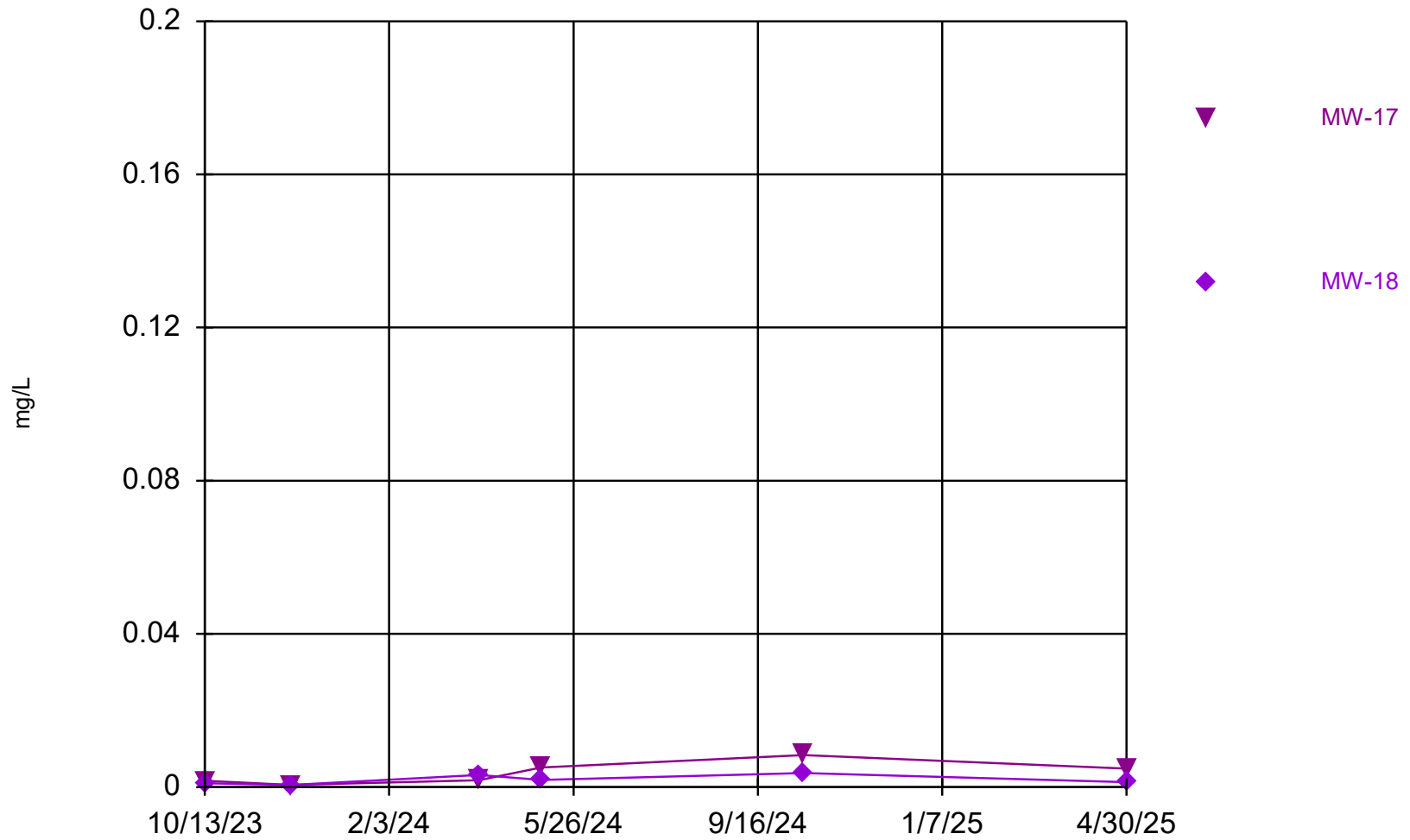
Constituent: Antimony Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



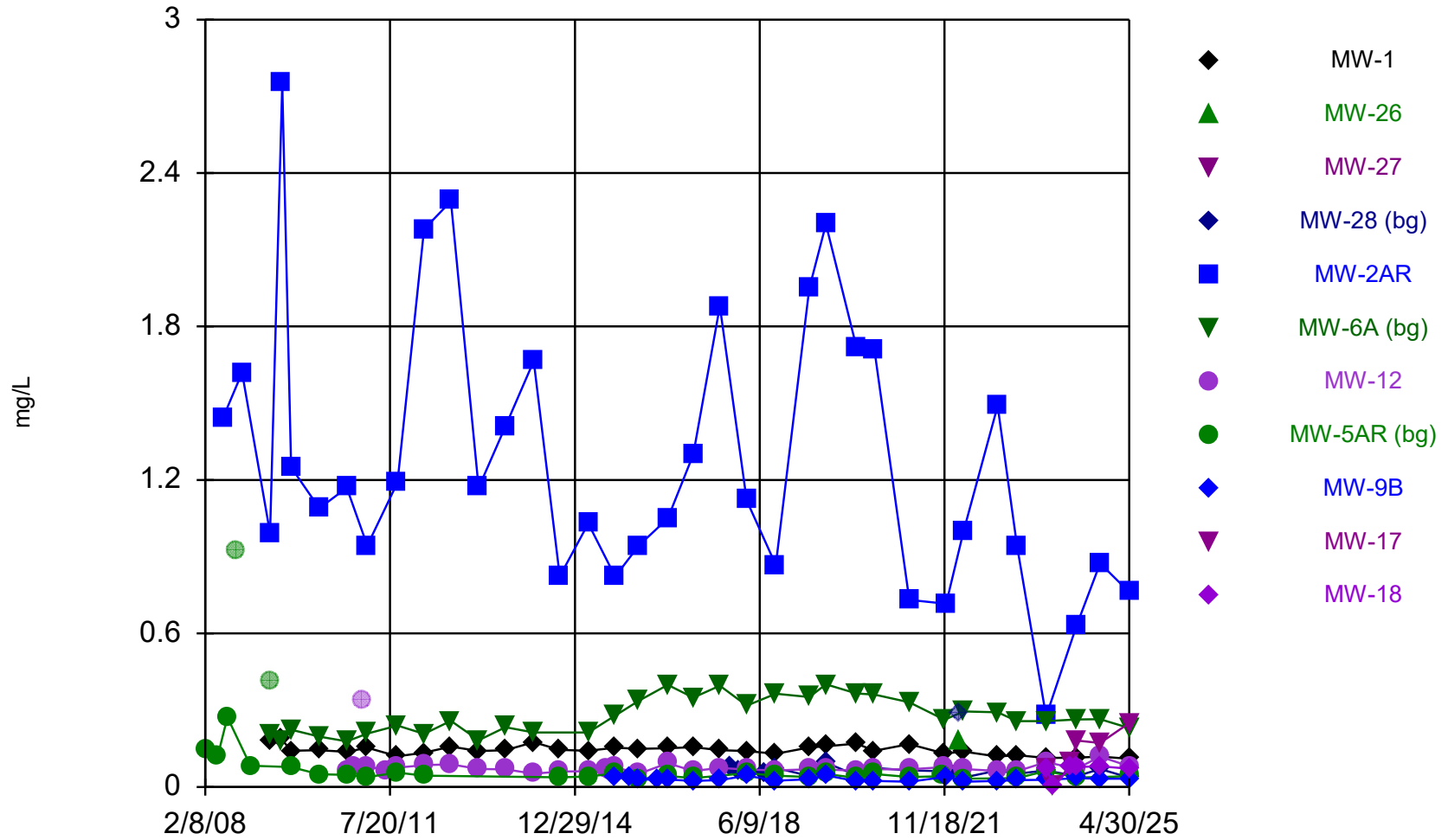
Constituent: Arsenic Analysis Run 6/11/2025 4:27 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



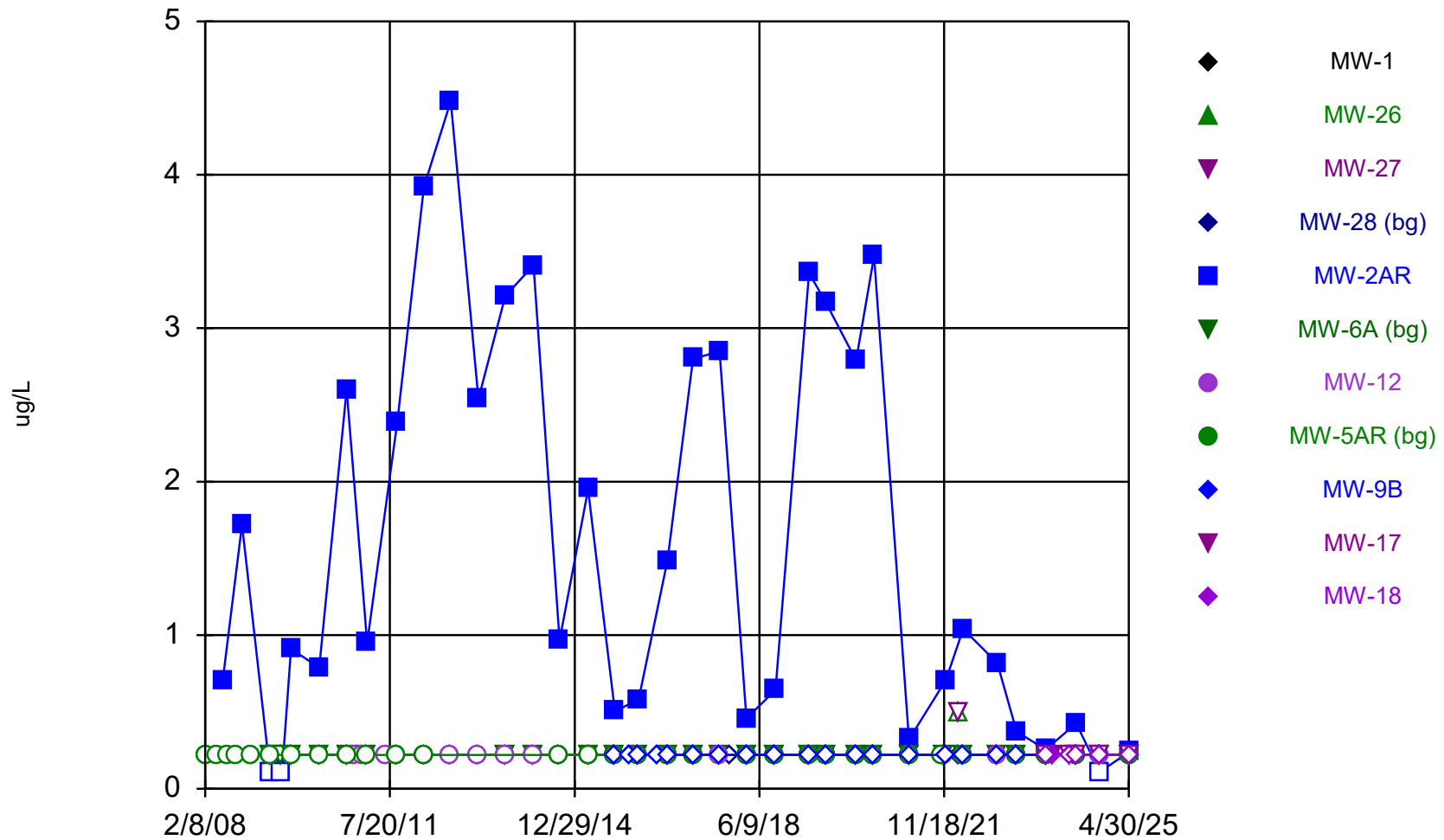
Constituent: Arsenic Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



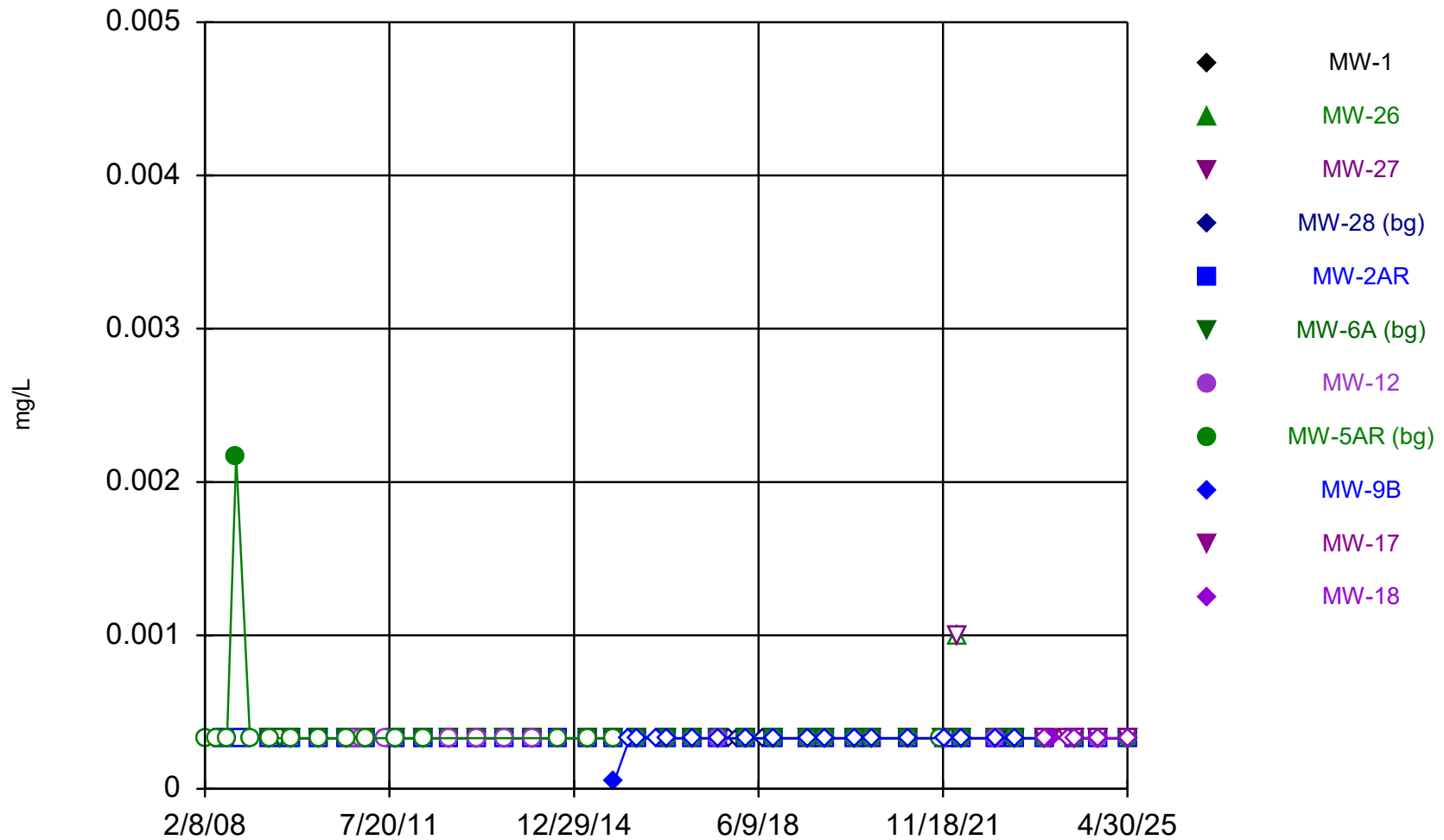
Constituent: Barium Analysis Run 5/15/2025 2:46 PM View: Well Network Review
 Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



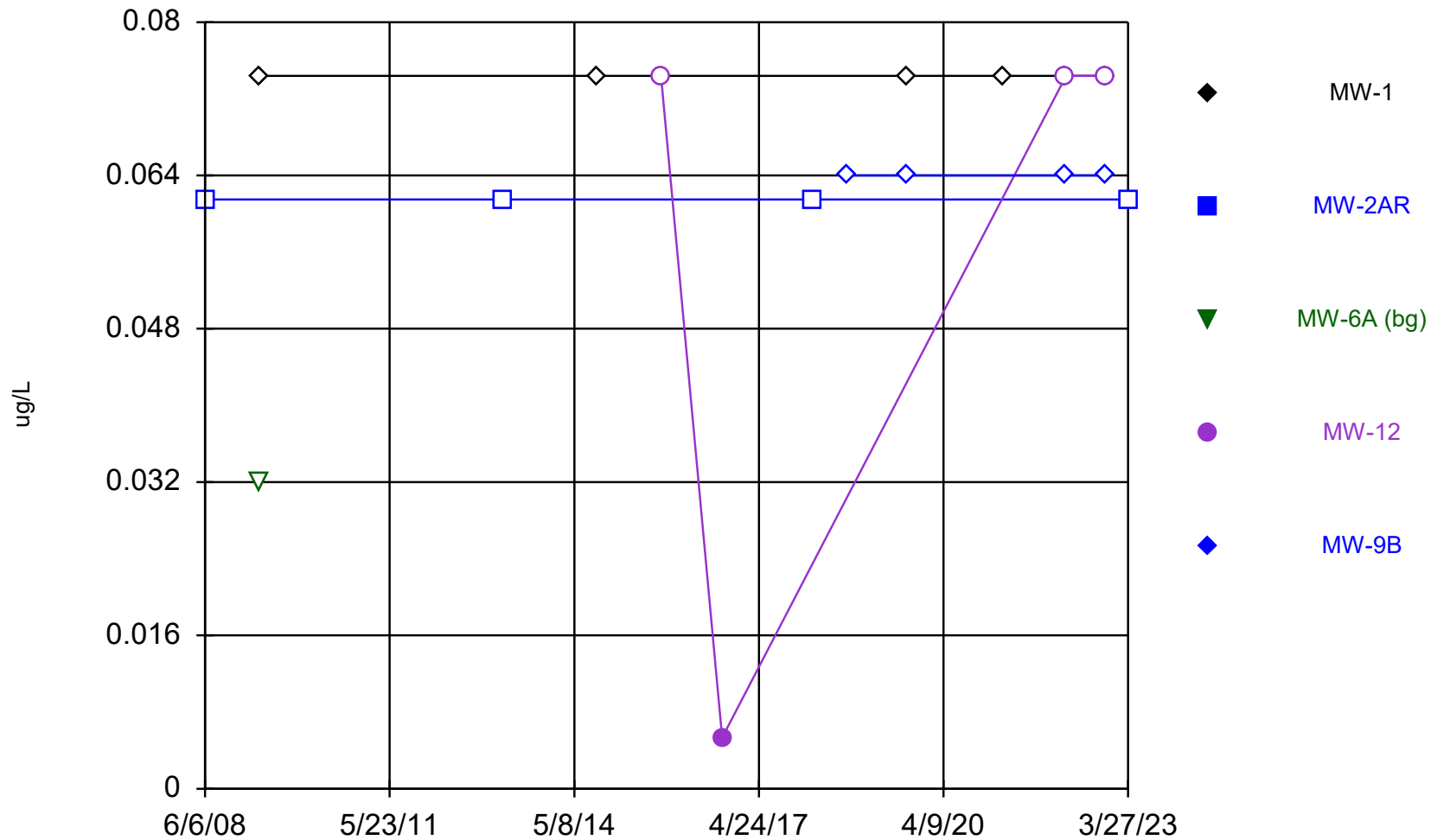
Constituent: Benzene Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



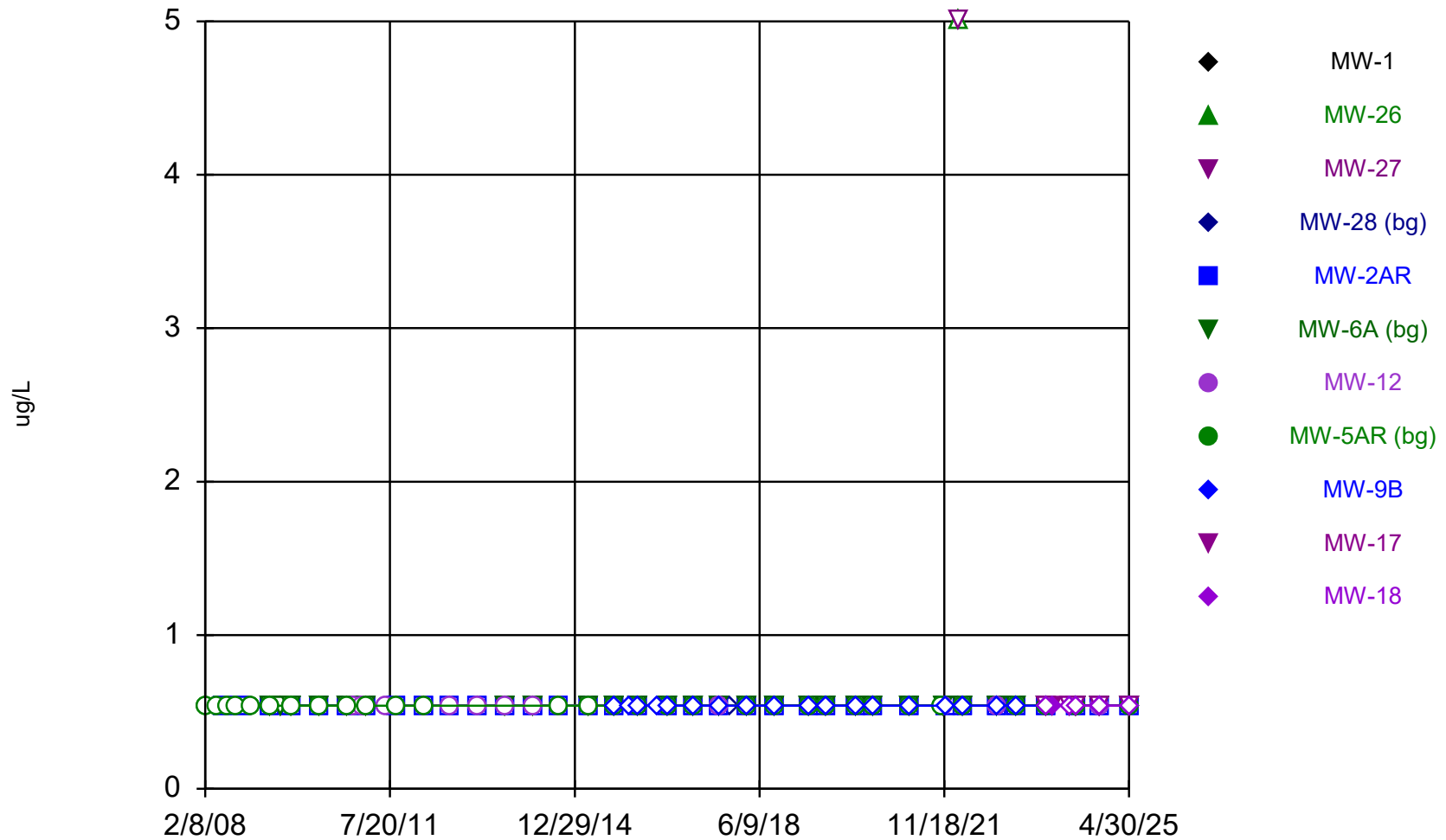
Constituent: Beryllium Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: beta-BHC Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

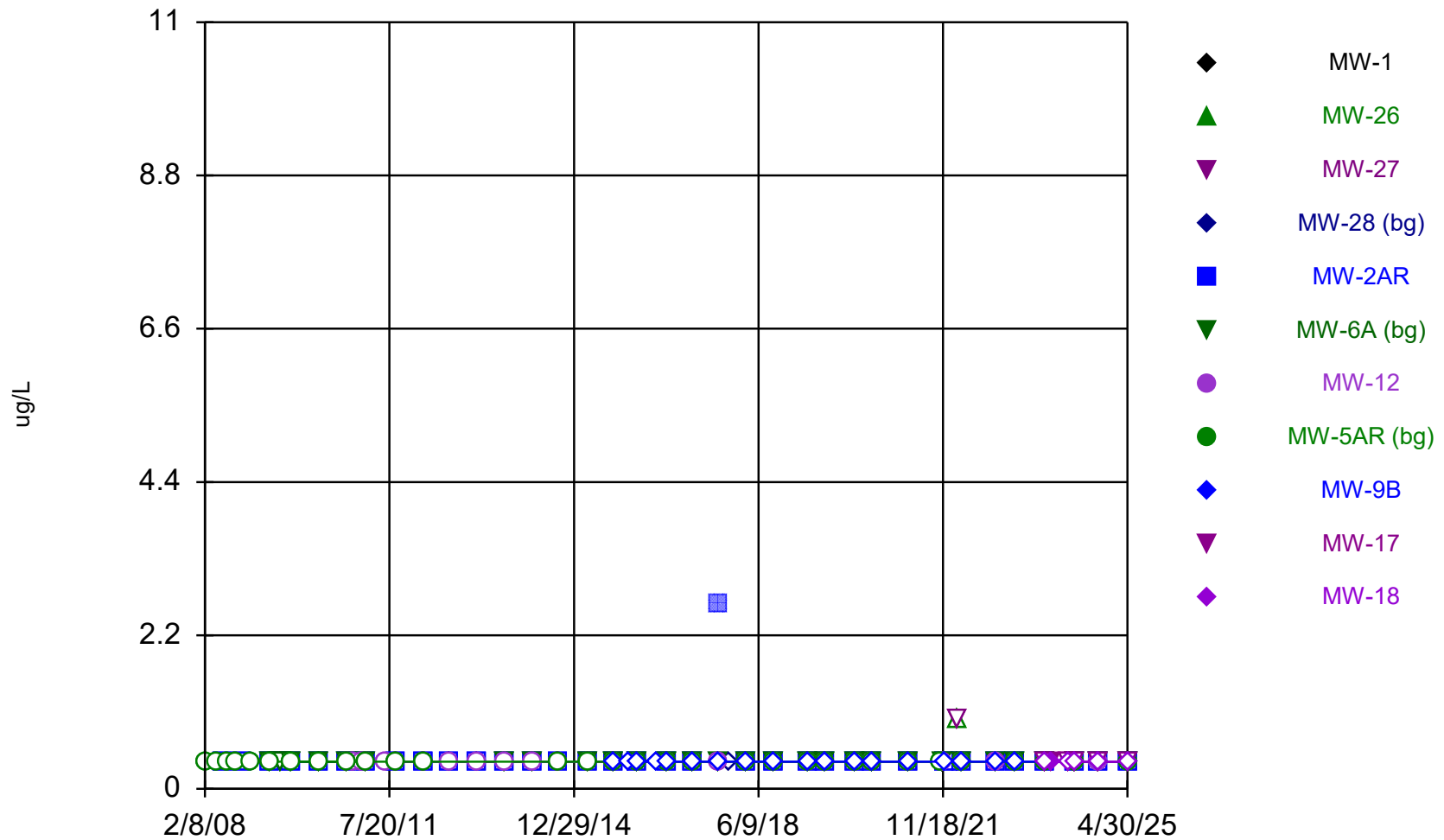
Time Series



Constituent: Bromochloromethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review

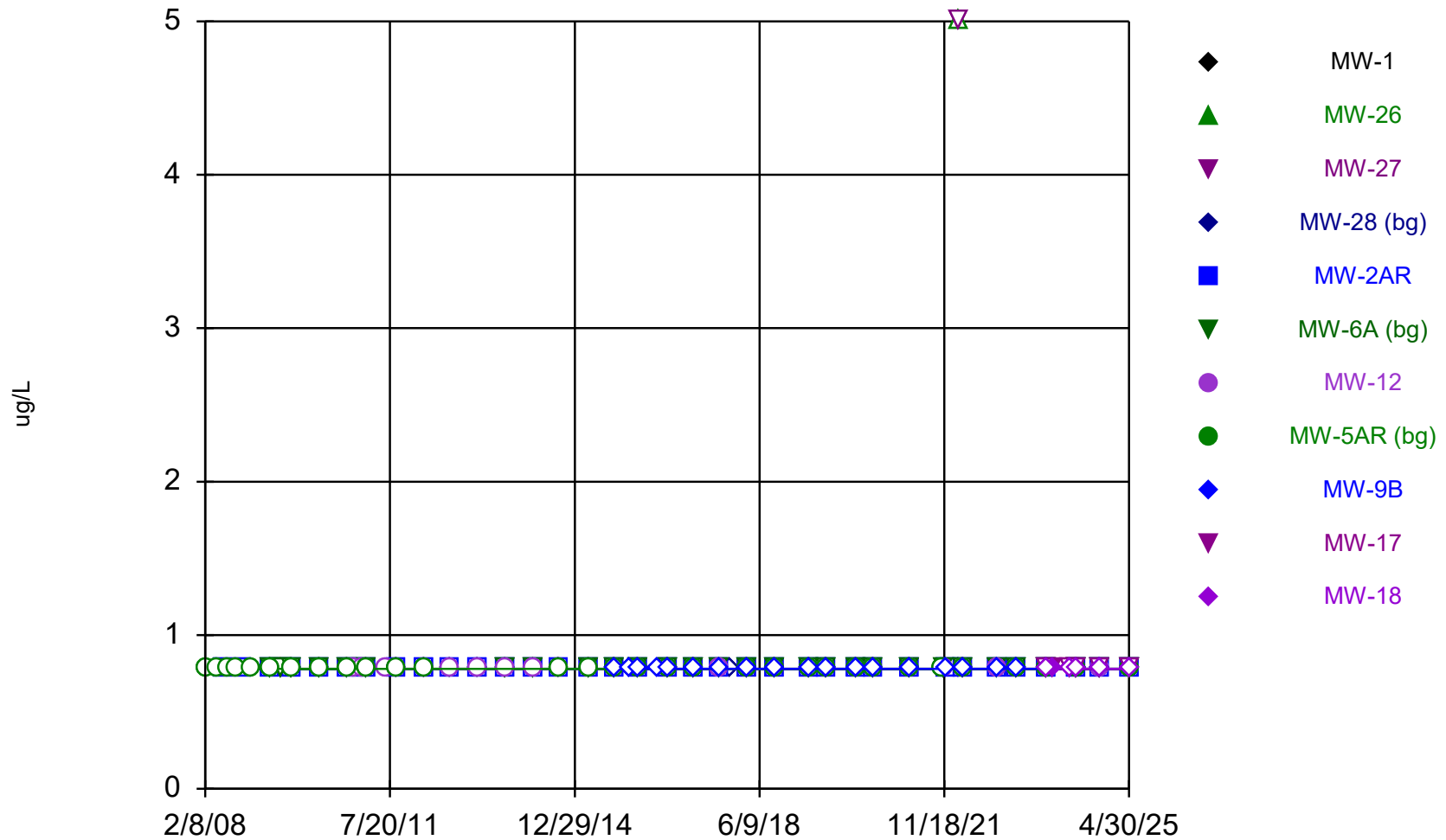
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



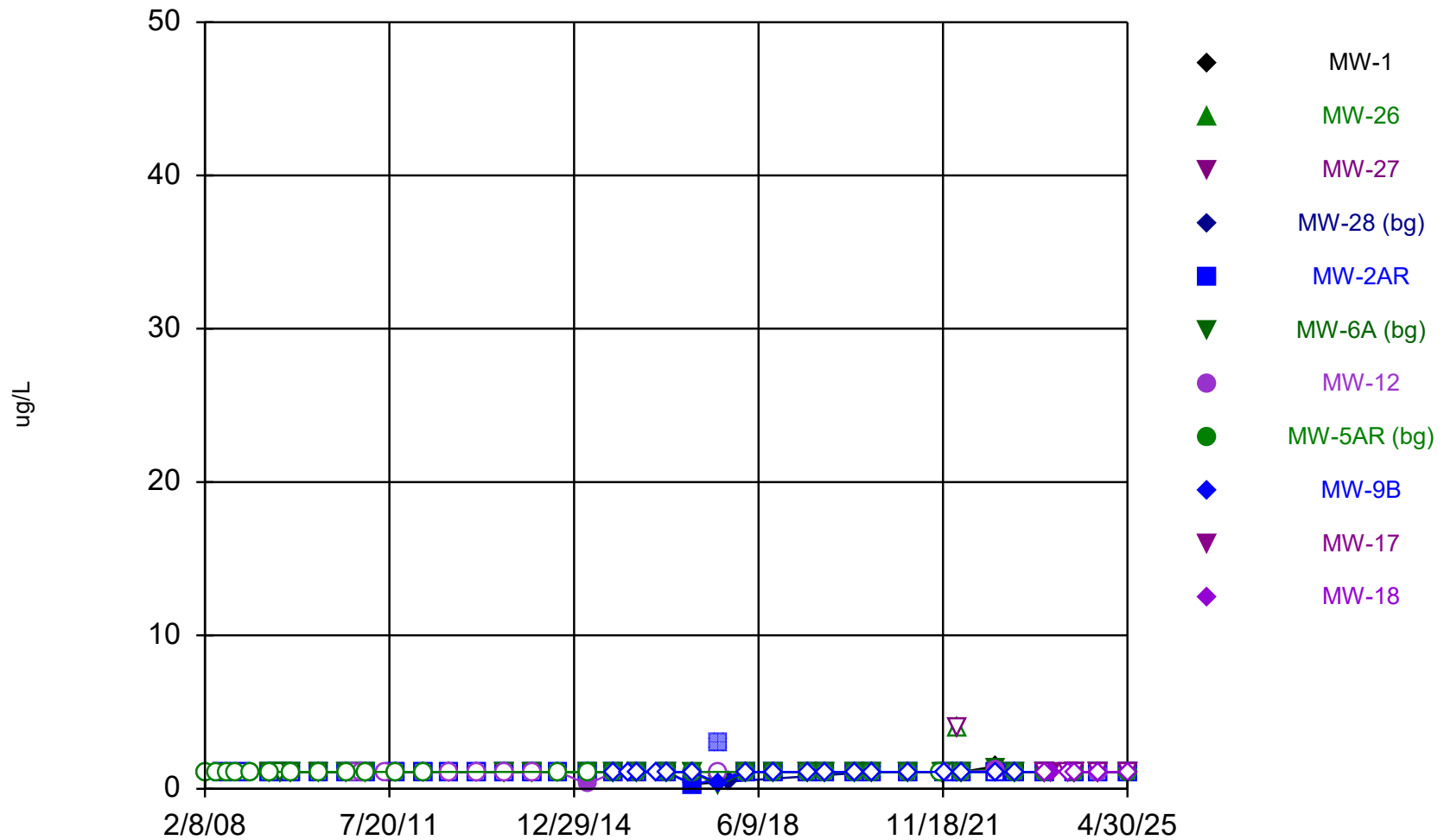
Constituent: Bromodichloromethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: Bromoform Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

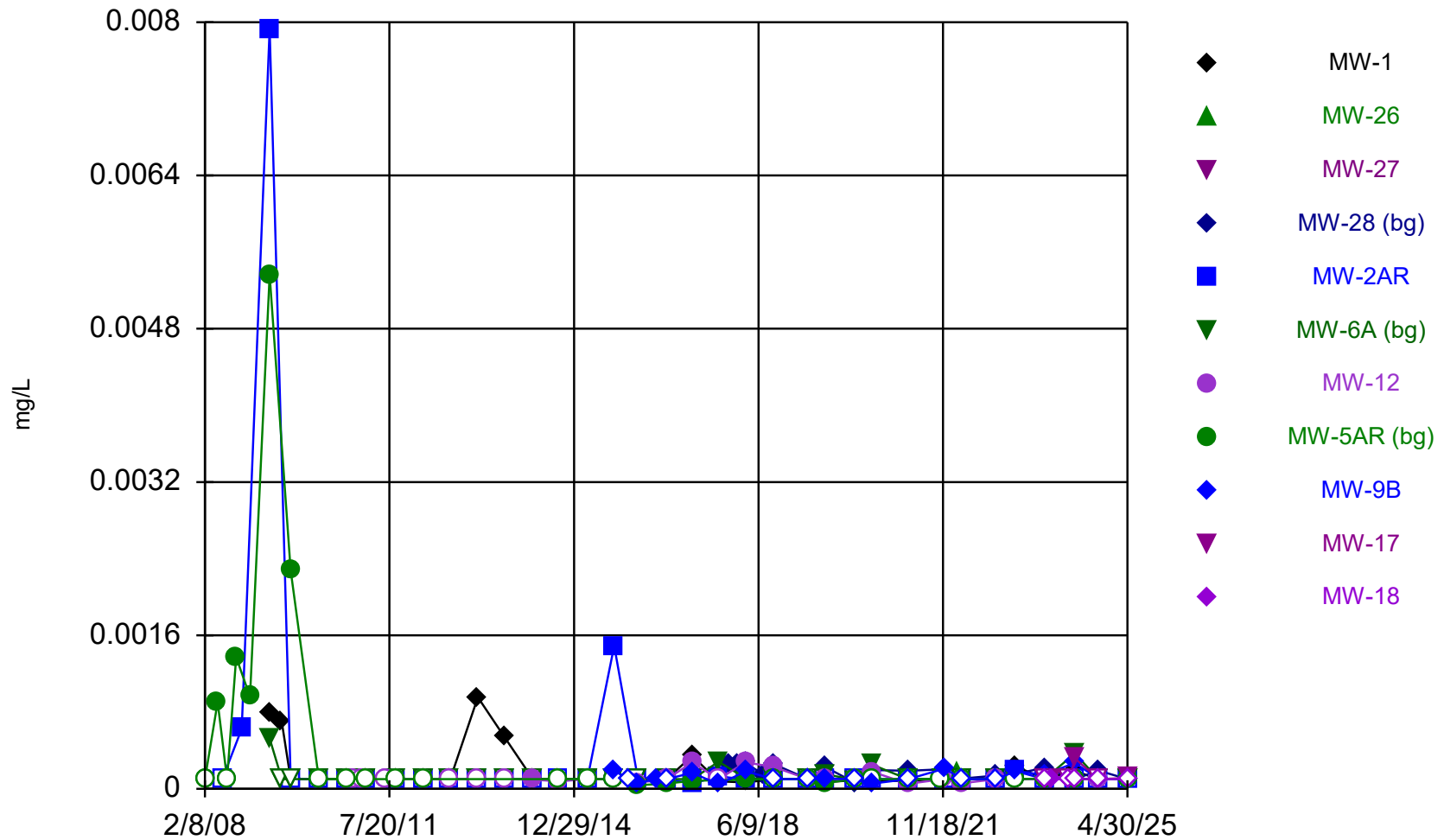
Time Series



Constituent: Bromomethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review

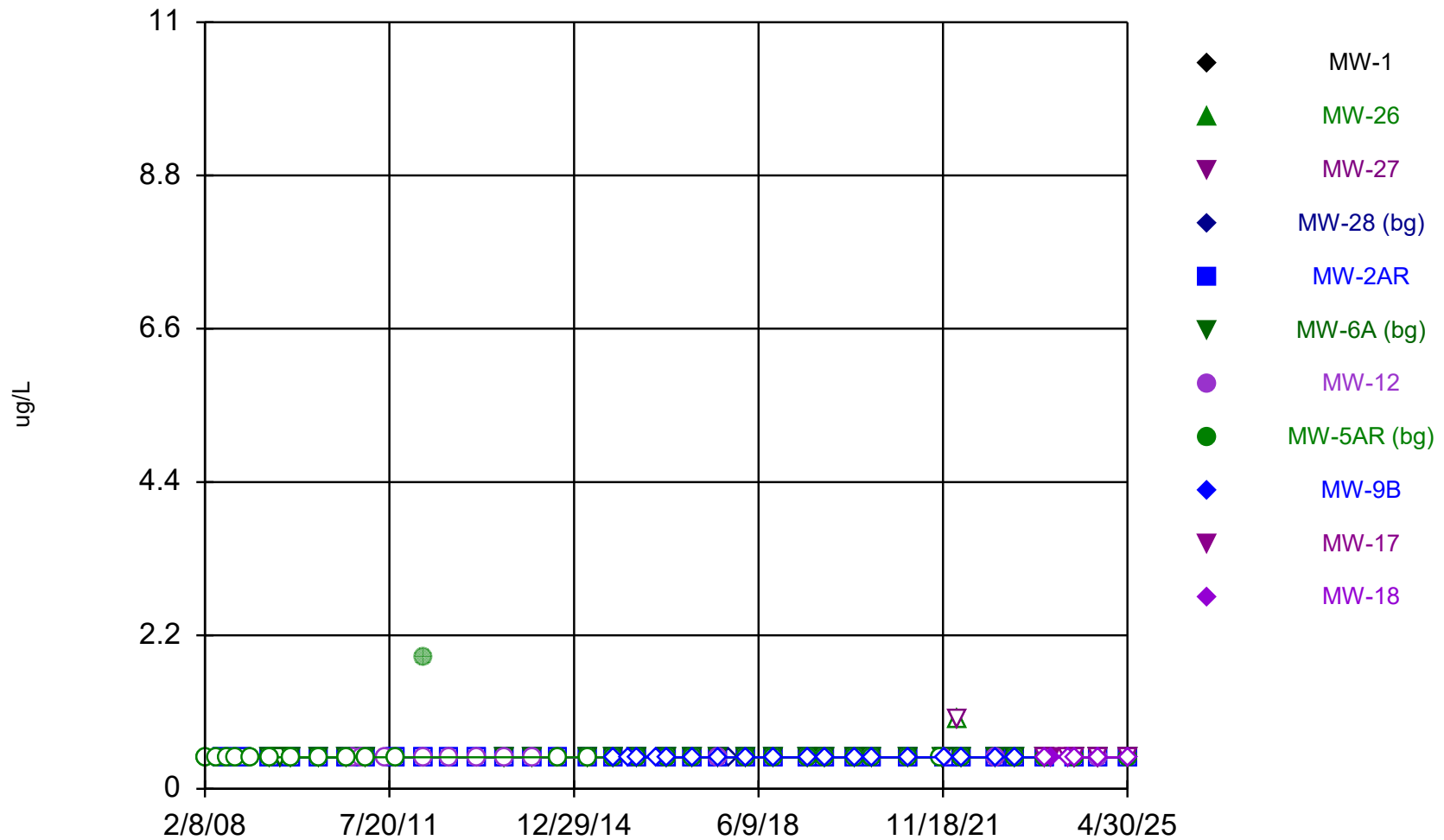
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: Cadmium Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

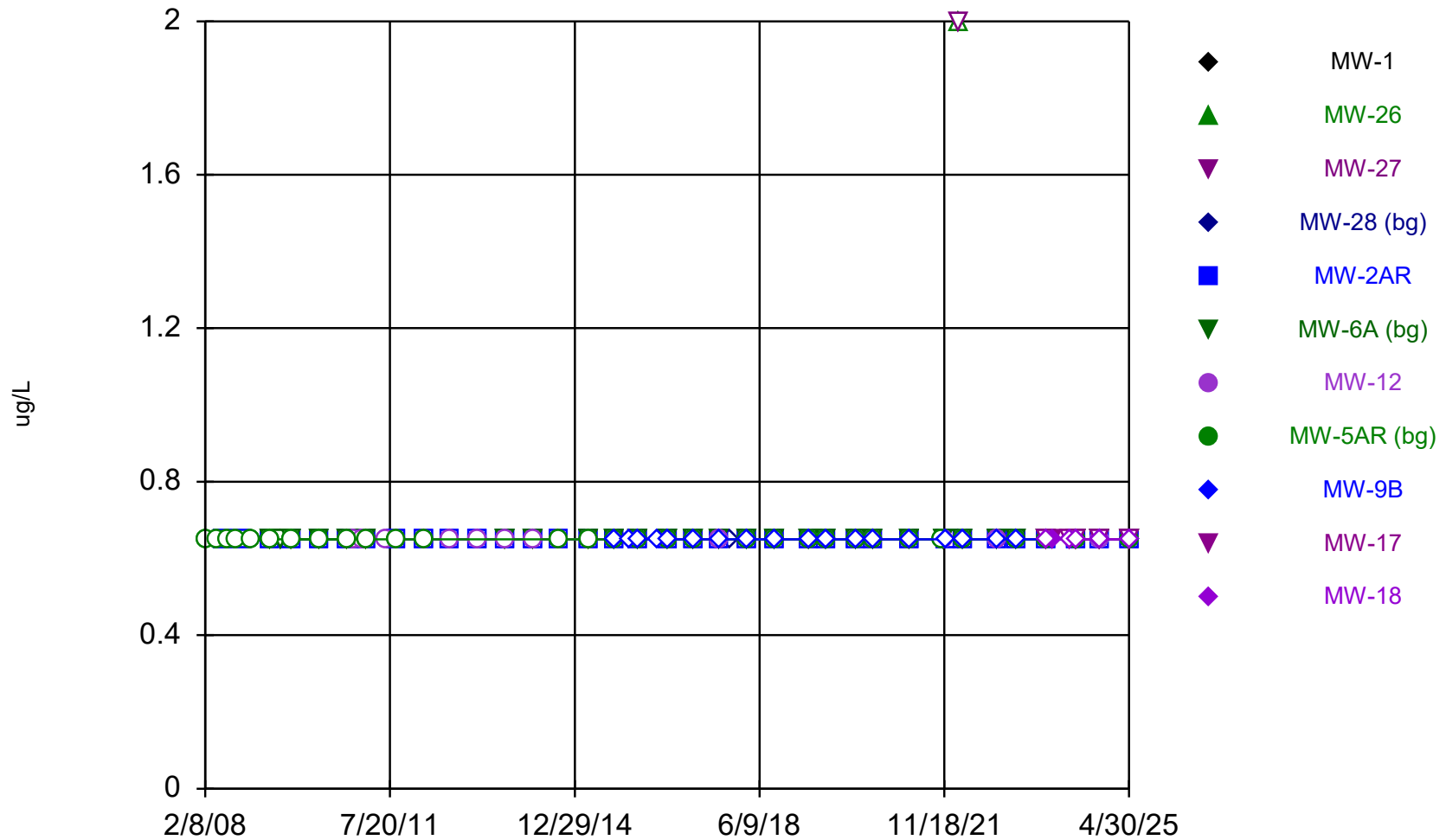
Time Series



Constituent: Carbon disulfide Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

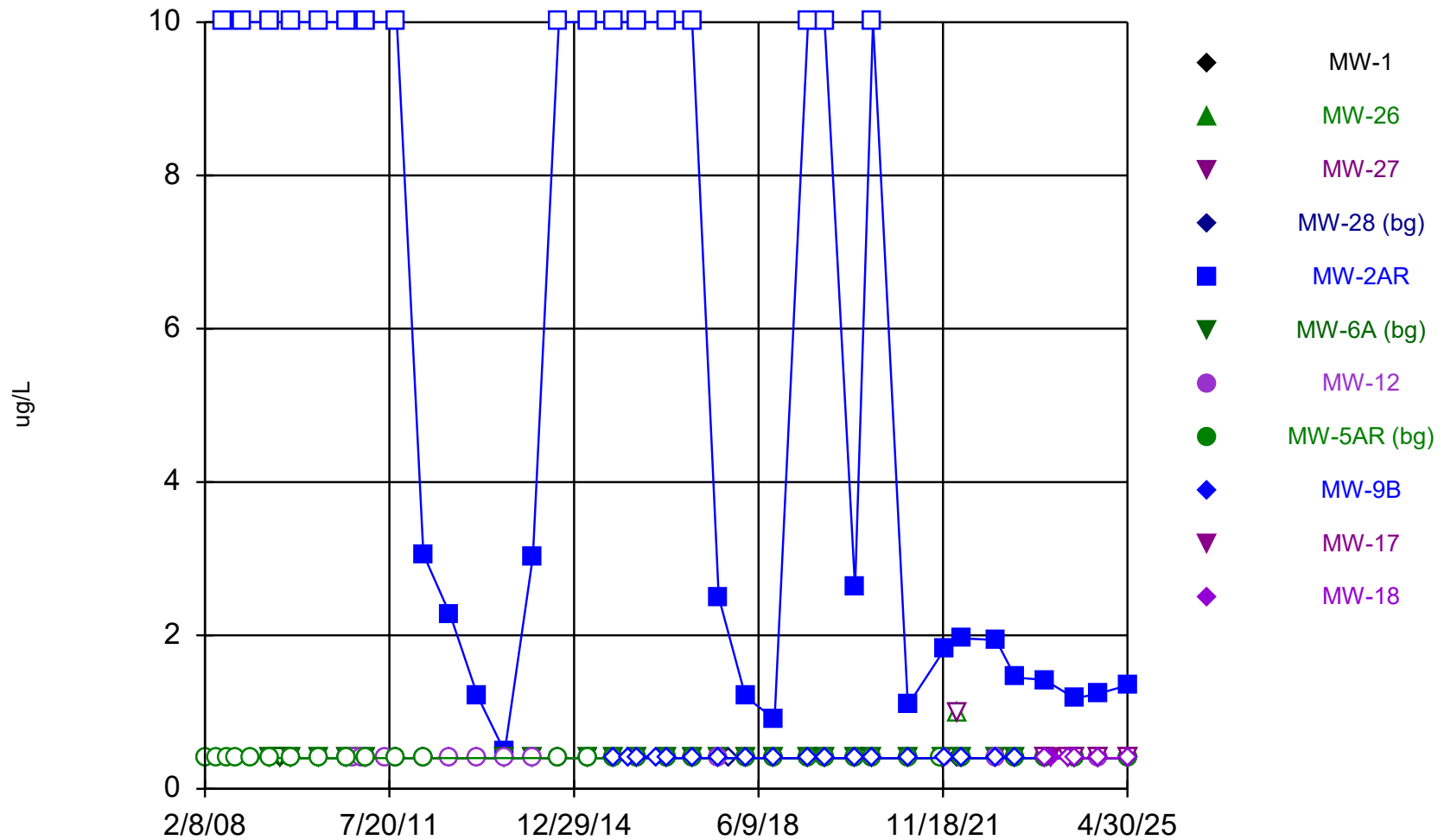
Time Series



Constituent: Carbon Tetrachloride Analysis Run 5/15/2025 2:46 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

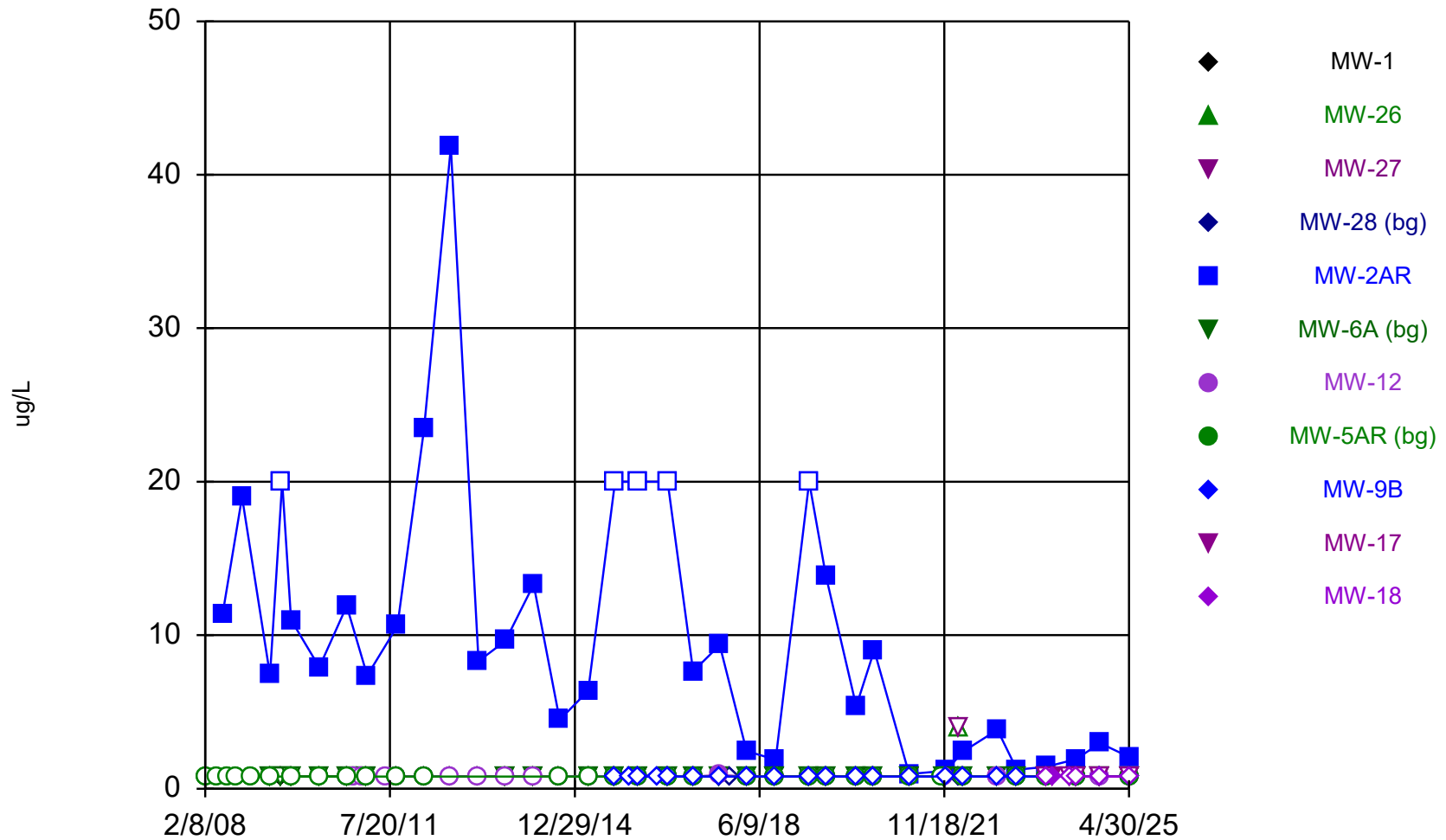
Time Series



Constituent: Chlorobenzene Analysis Run 5/15/2025 2:46 PM View: Well Network Review

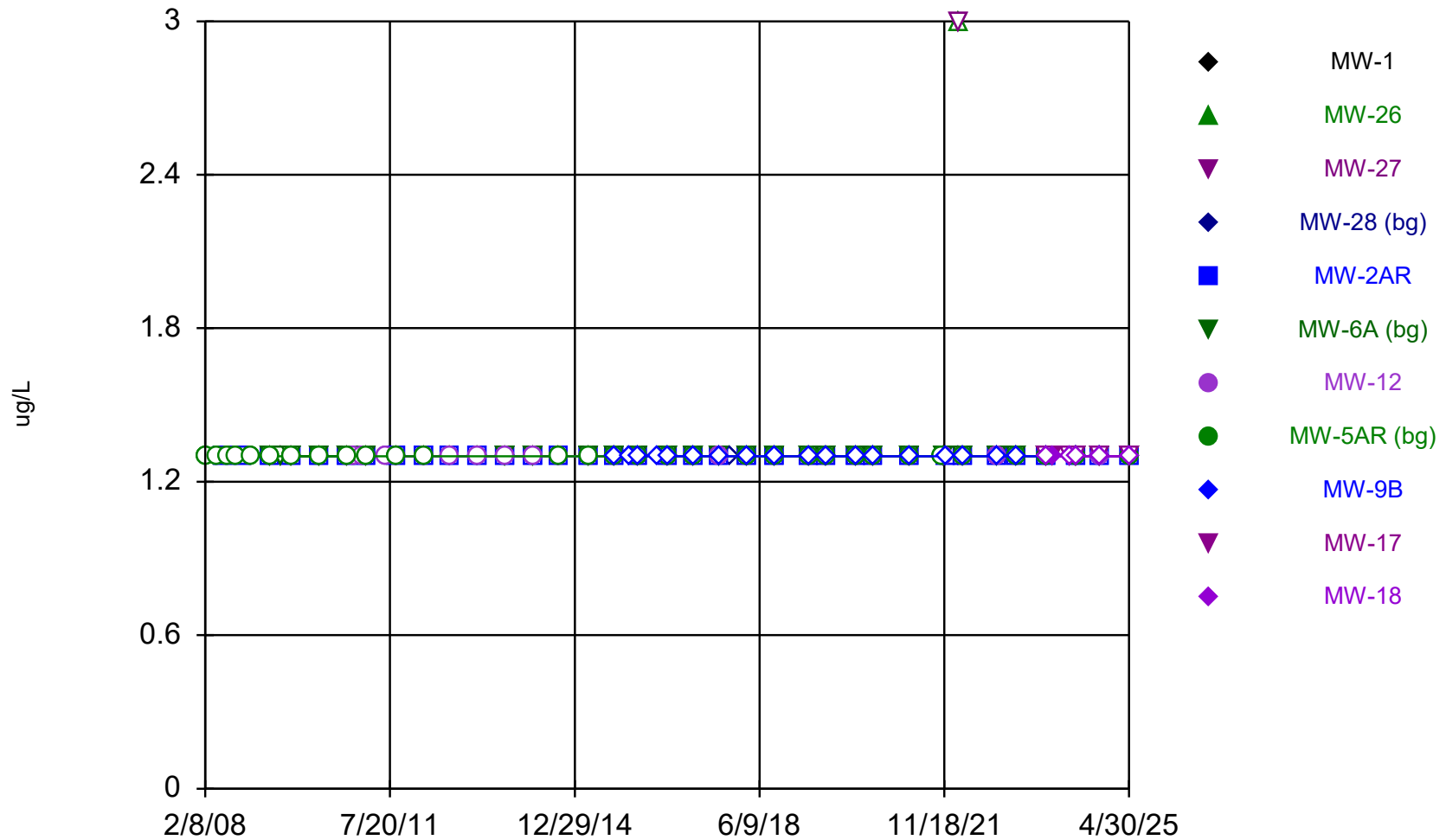
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



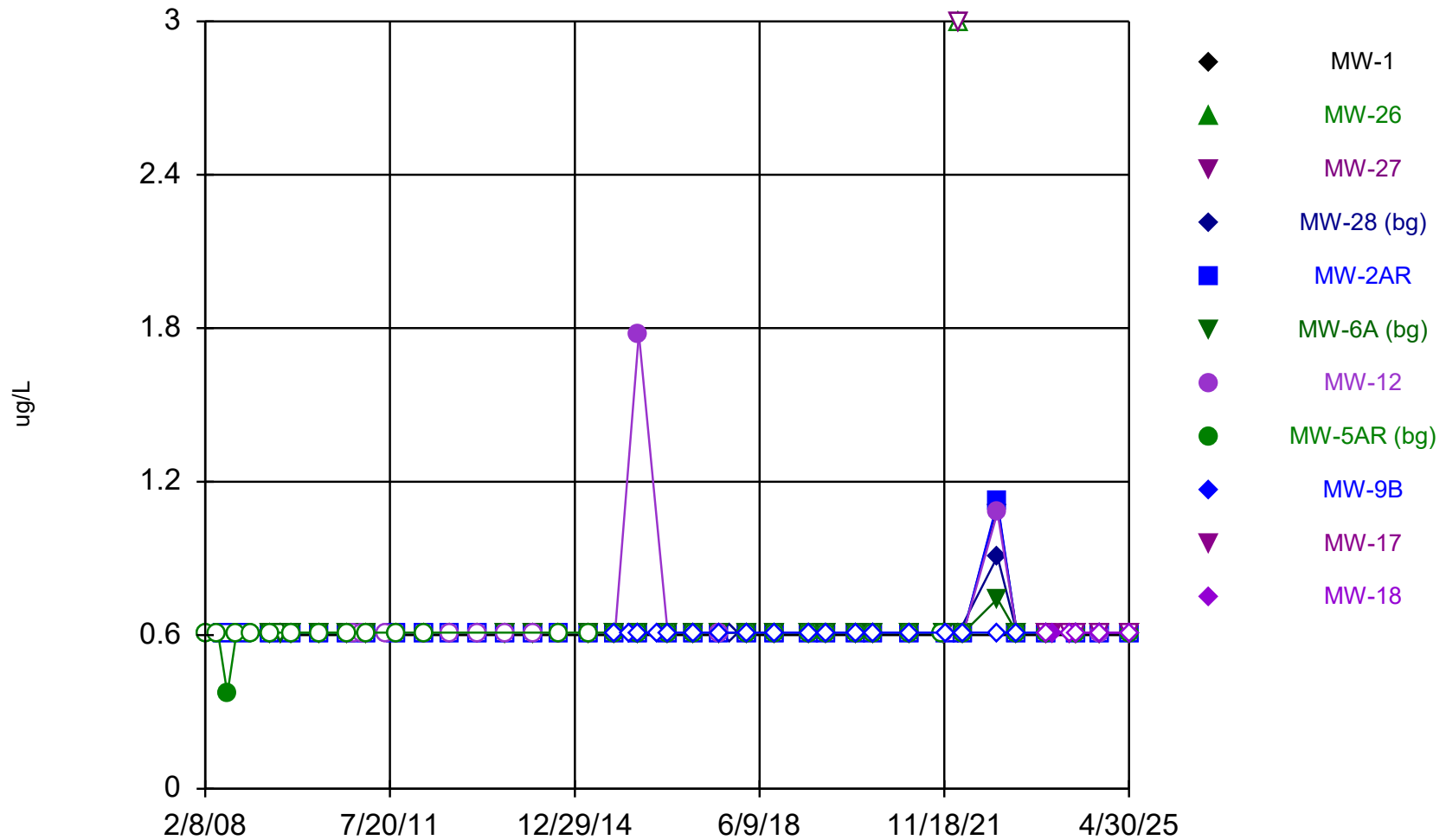
Constituent: Chloroethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



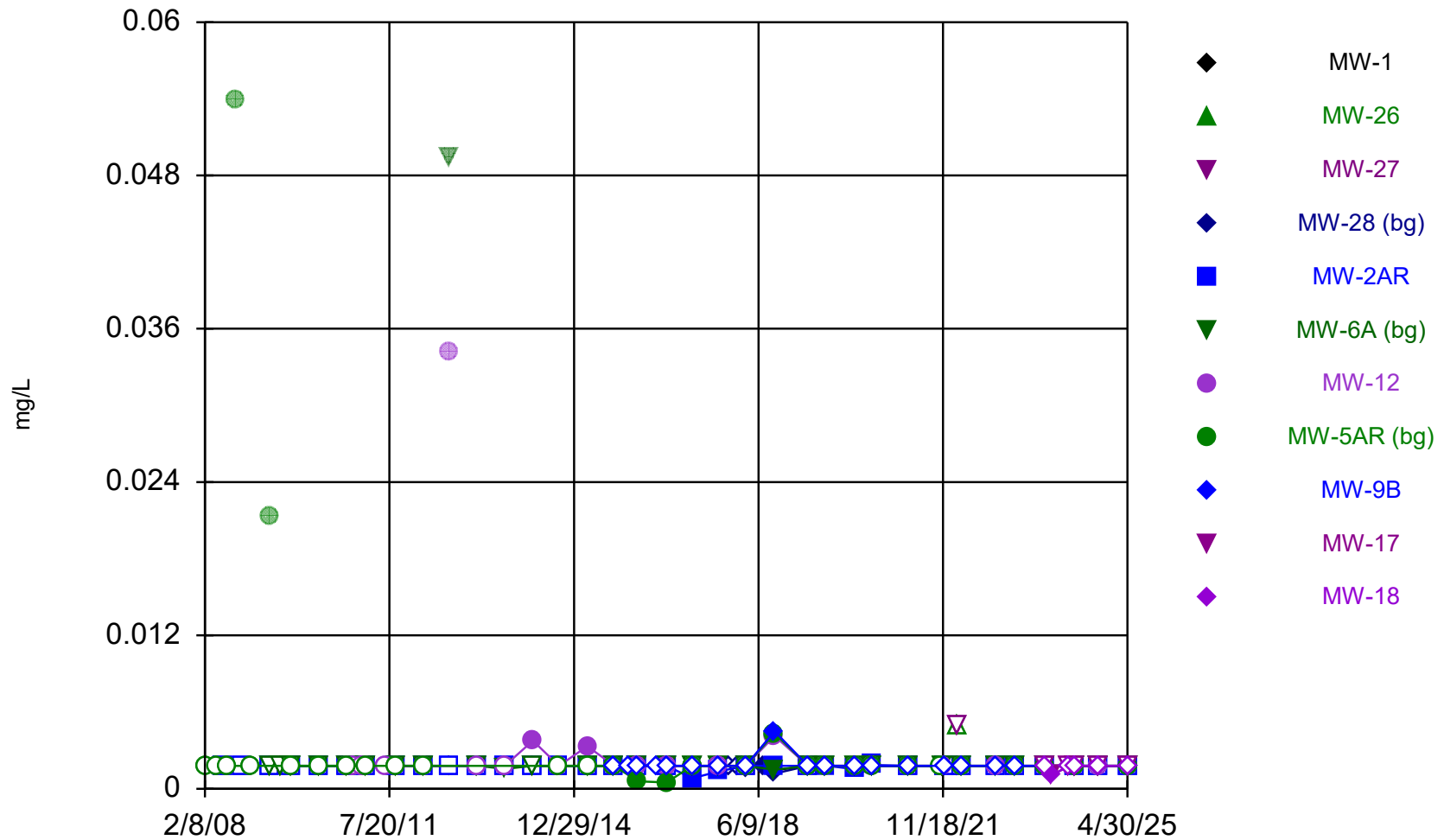
Constituent: Chloroform Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



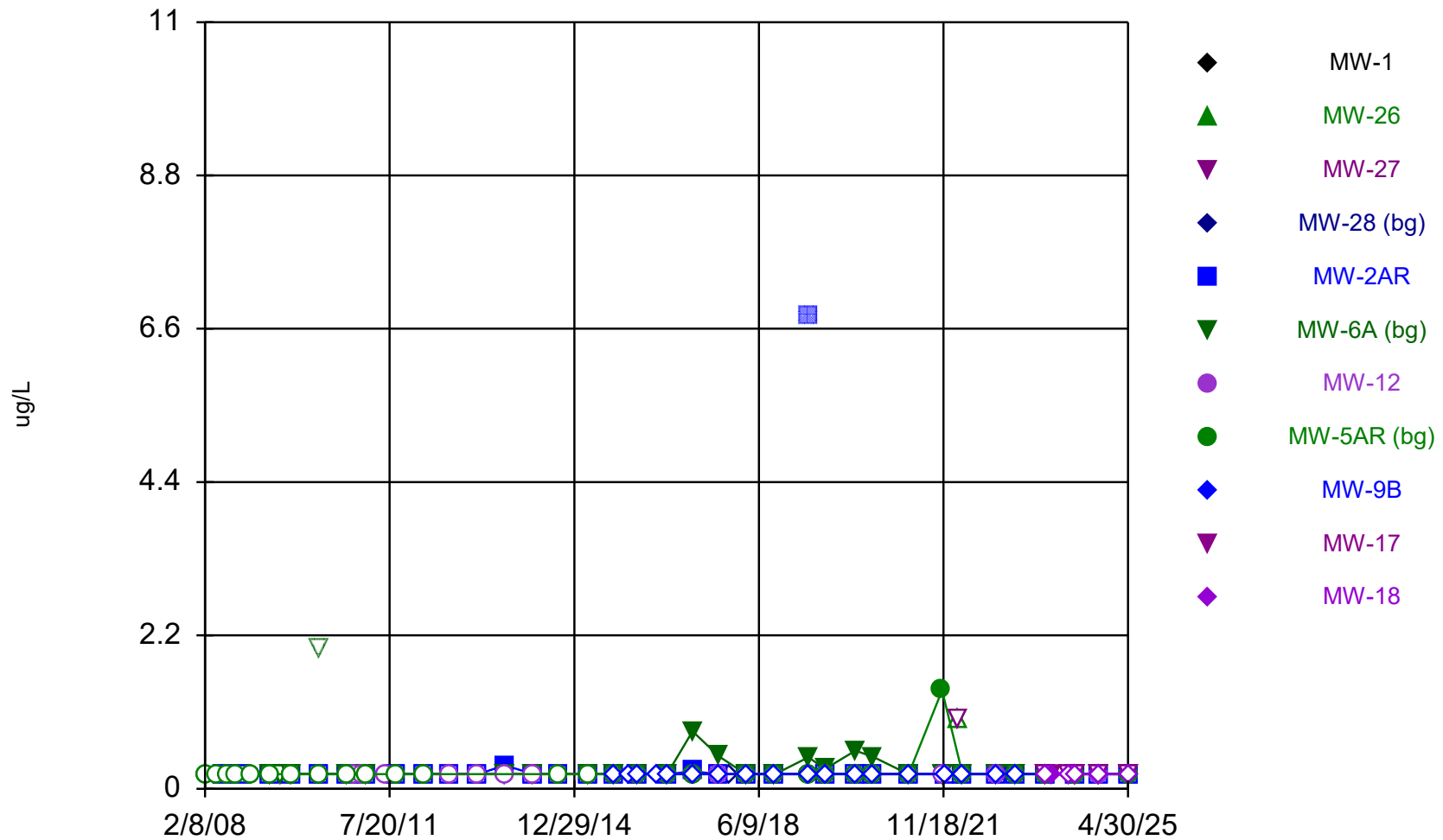
Constituent: Chloromethane Analysis Run 5/15/2025 2:46 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: Chromium Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

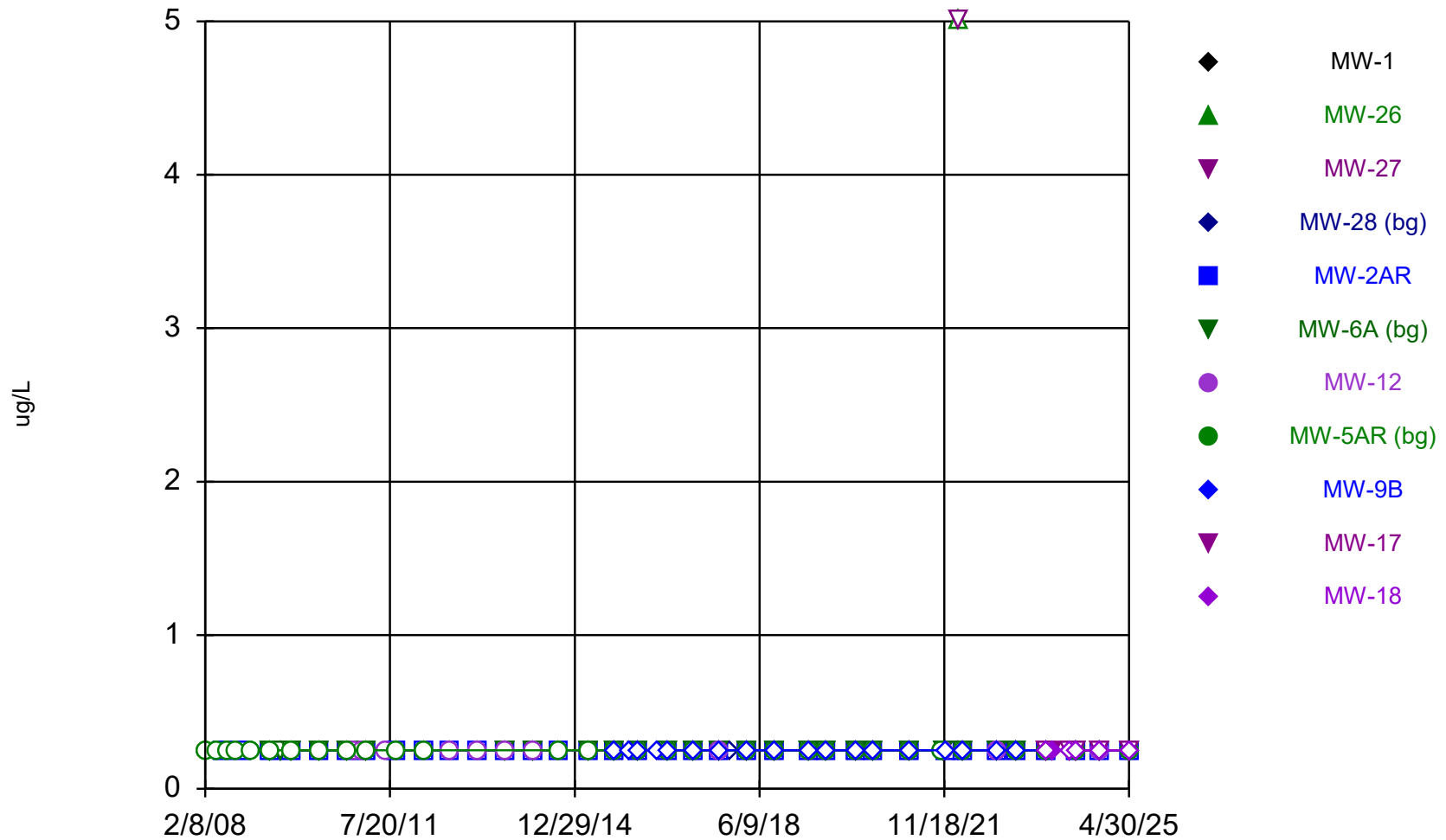
Time Series



Constituent: cis-1,2-Dichloroethene Analysis Run 5/15/2025 2:47 PM View: Well Network Review

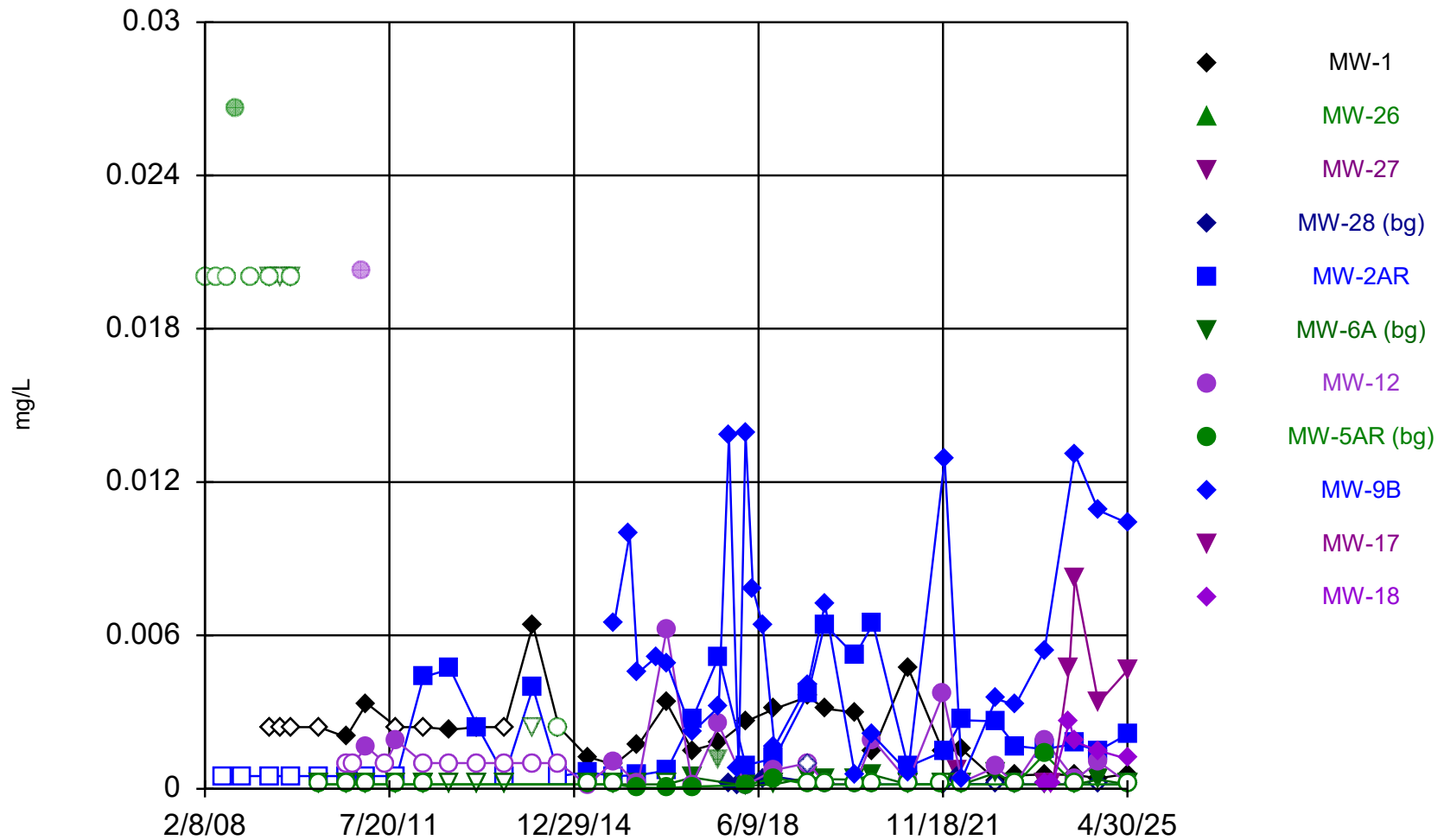
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



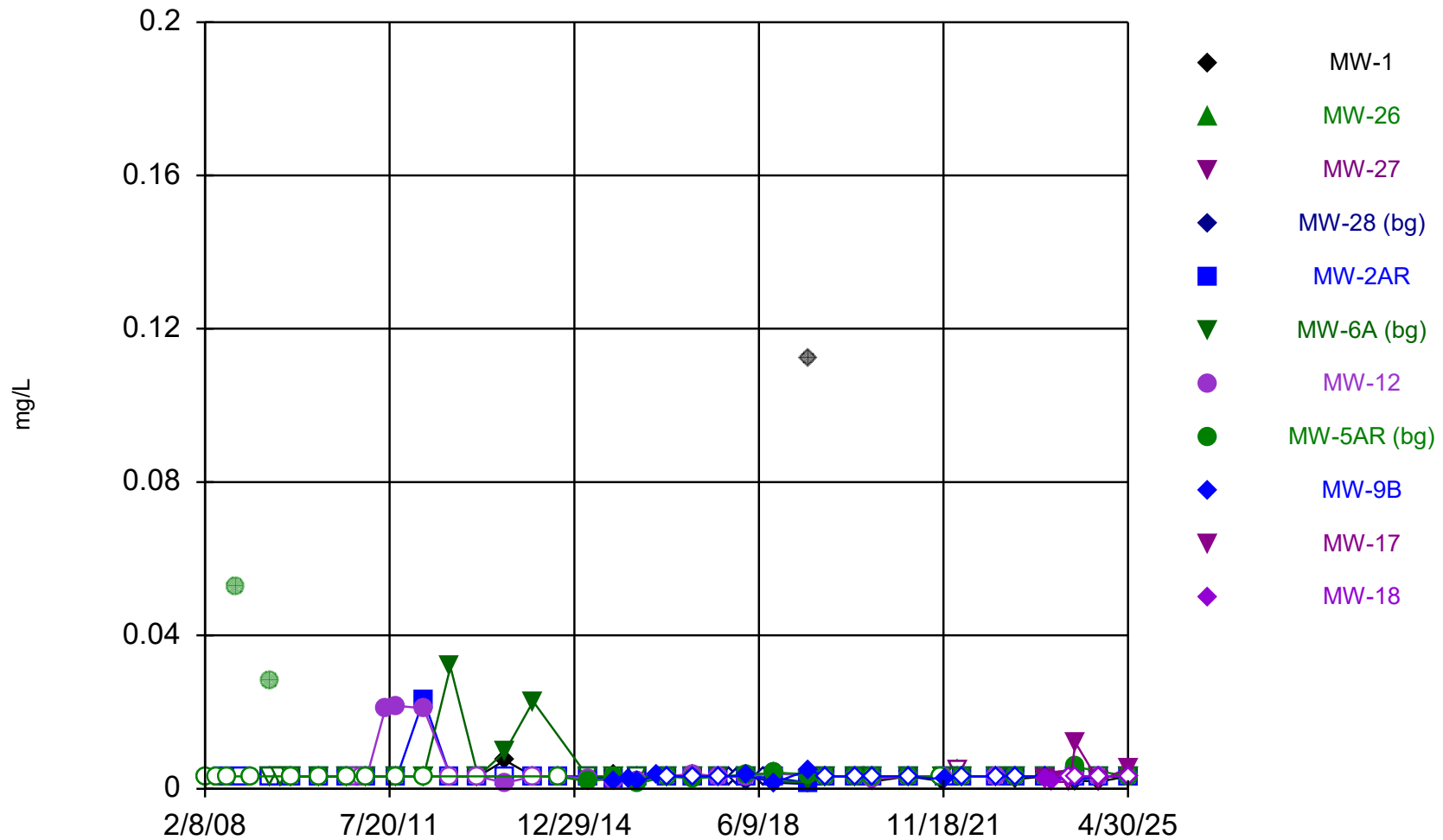
Constituent: cis-1,3-Dichloropropene Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



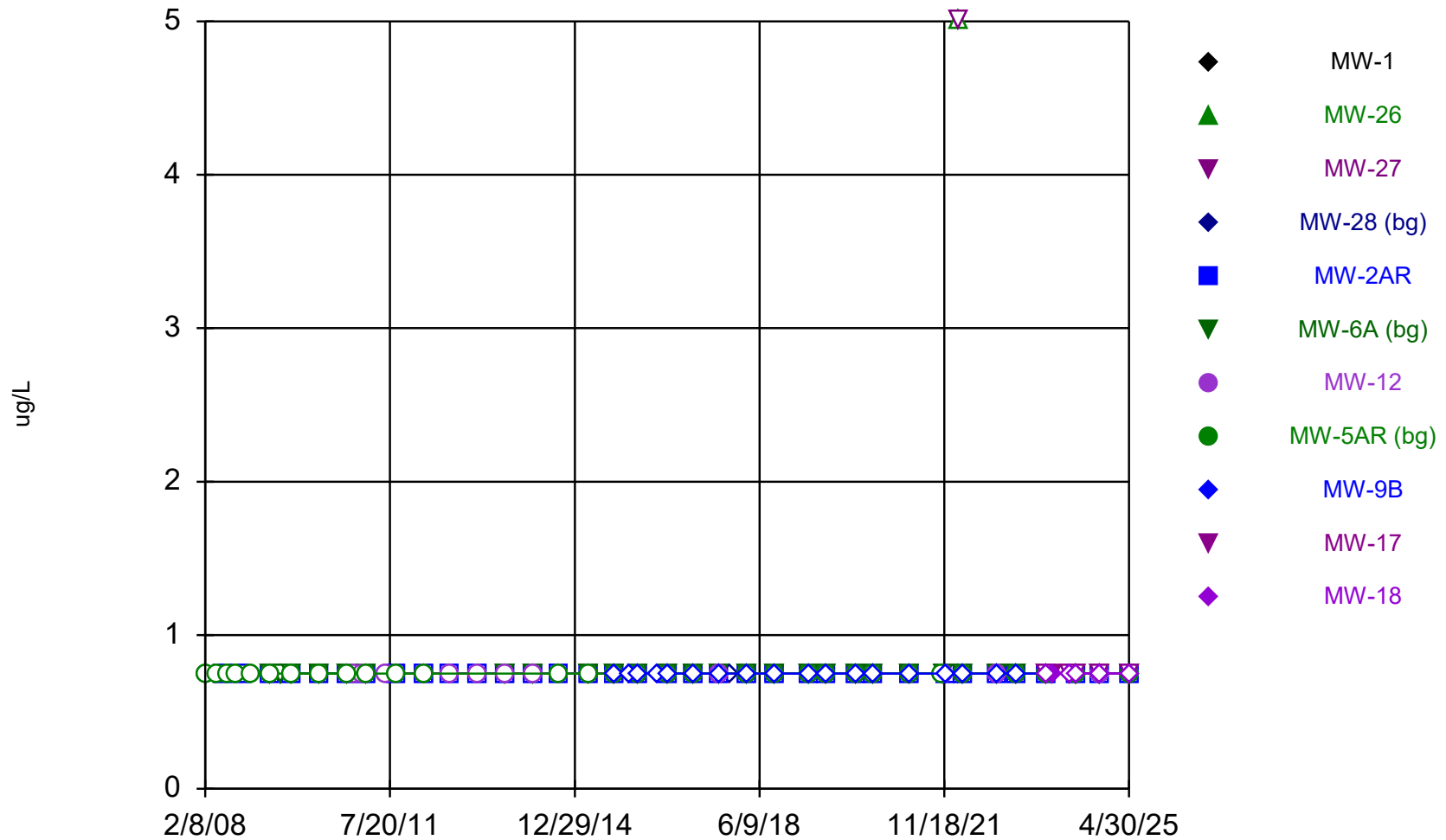
Constituent: Cobalt Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



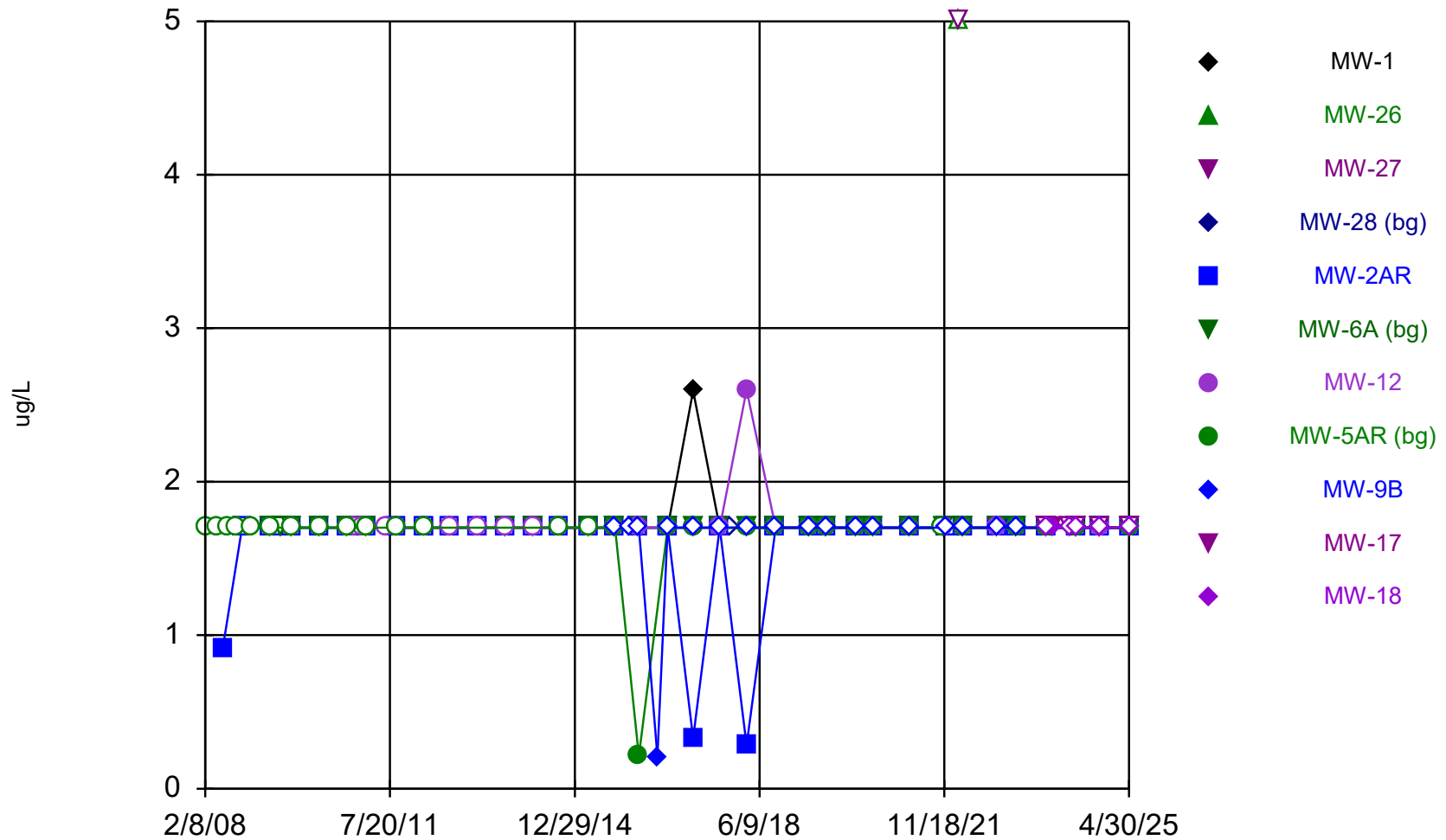
Constituent: Copper Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: Dibromochloromethane Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

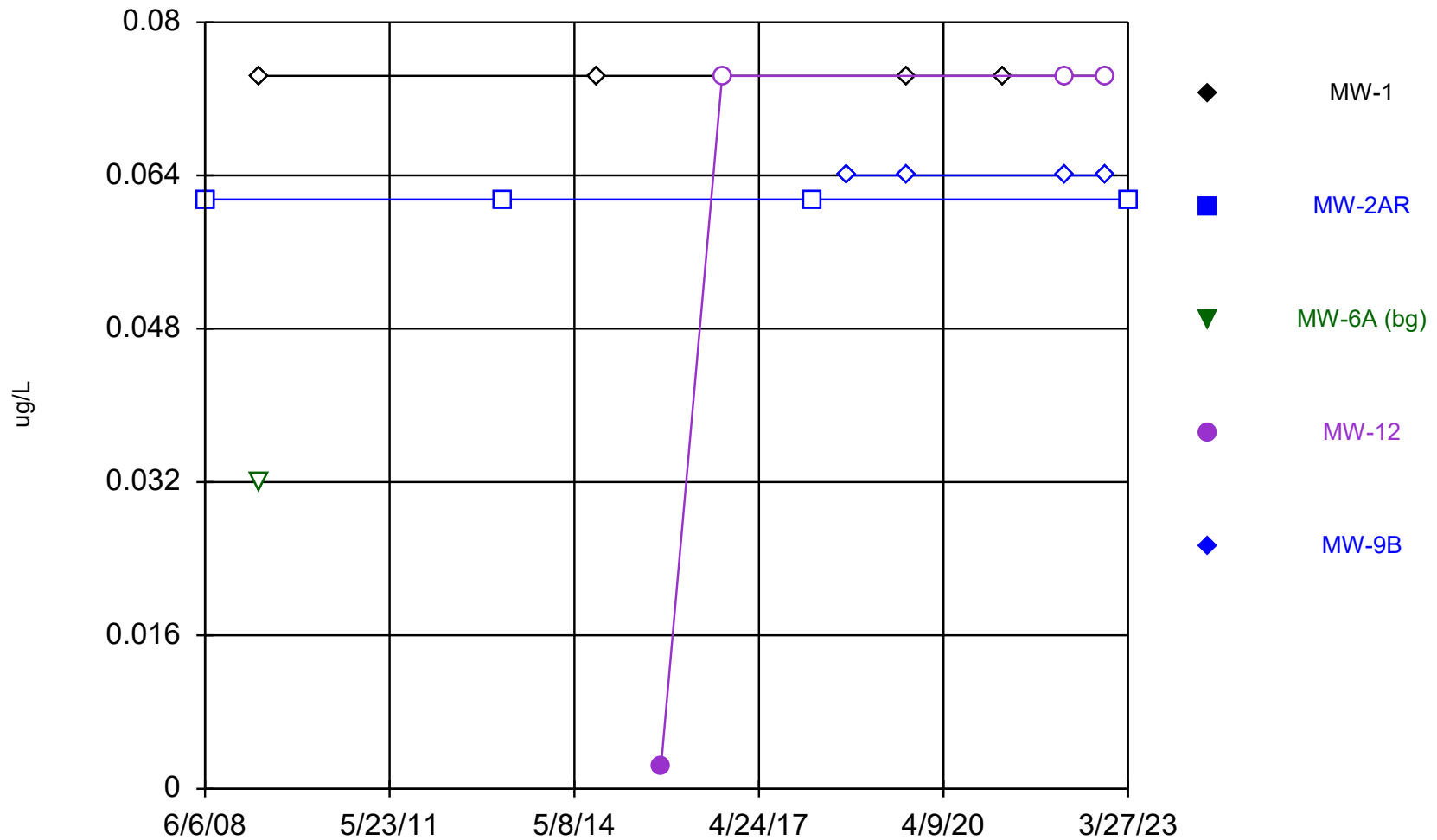
Time Series



Constituent: Dichloromethane Analysis Run 5/15/2025 2:47 PM View: Well Network Review

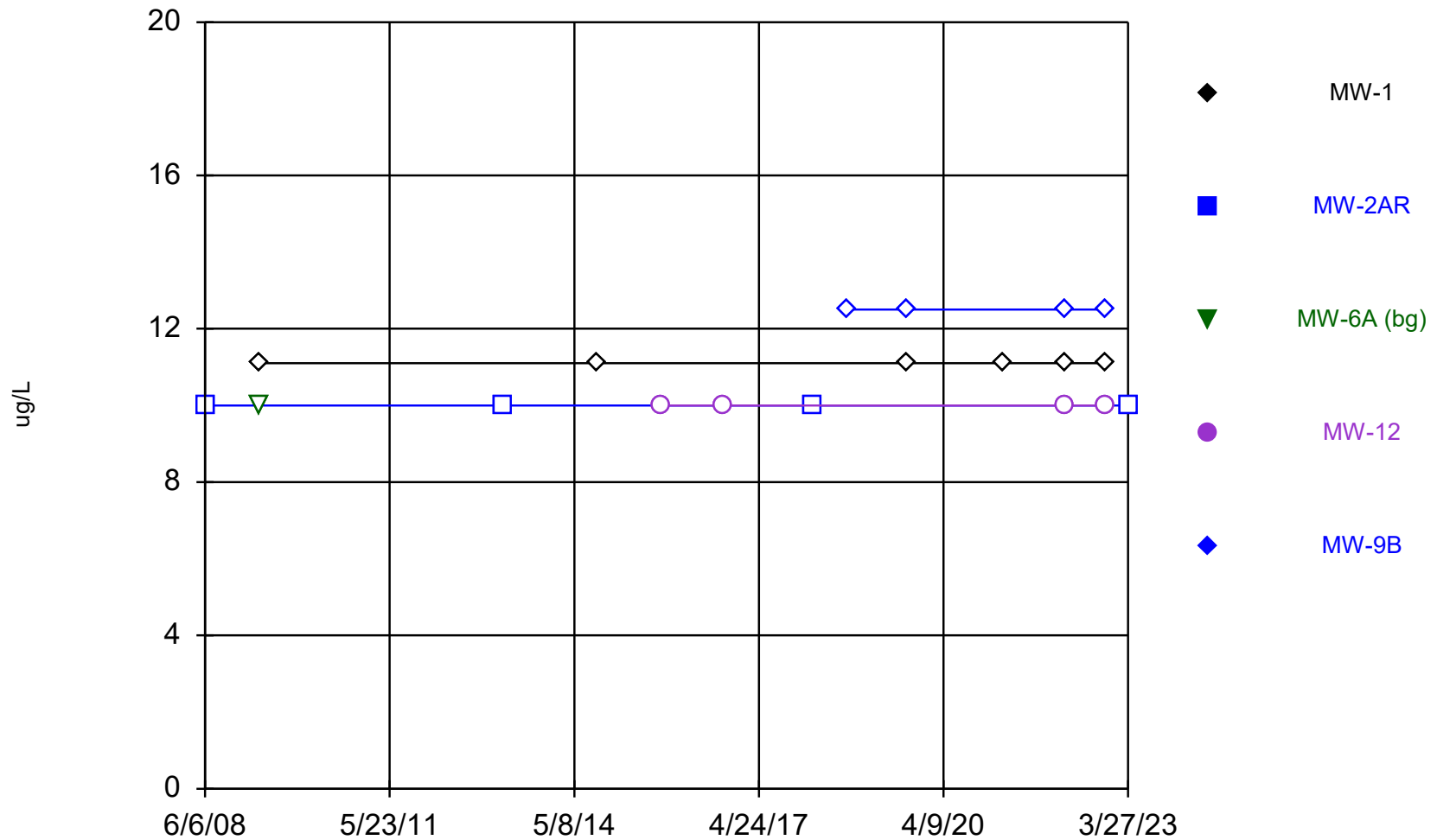
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



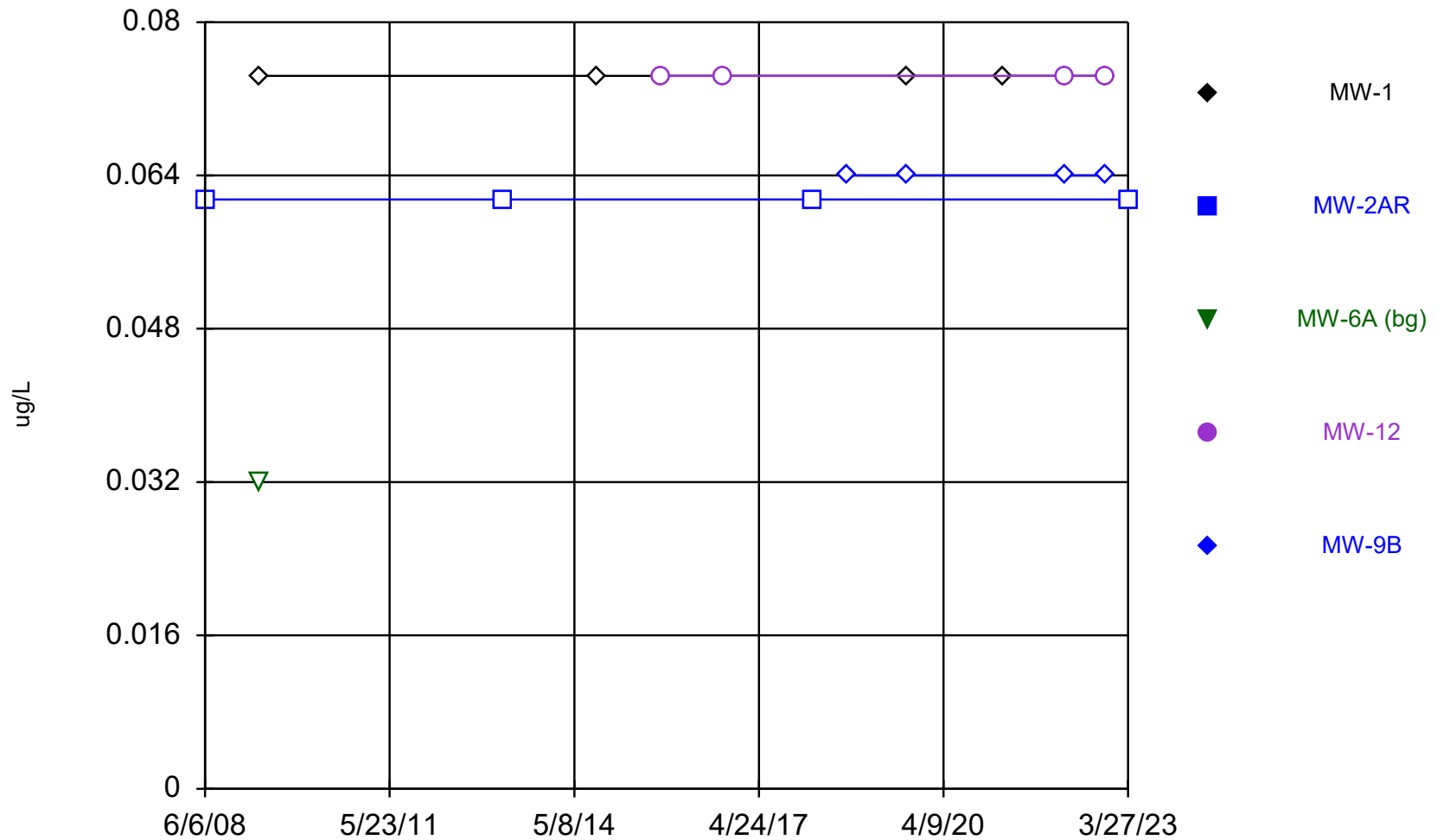
Constituent: Dieldrin Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



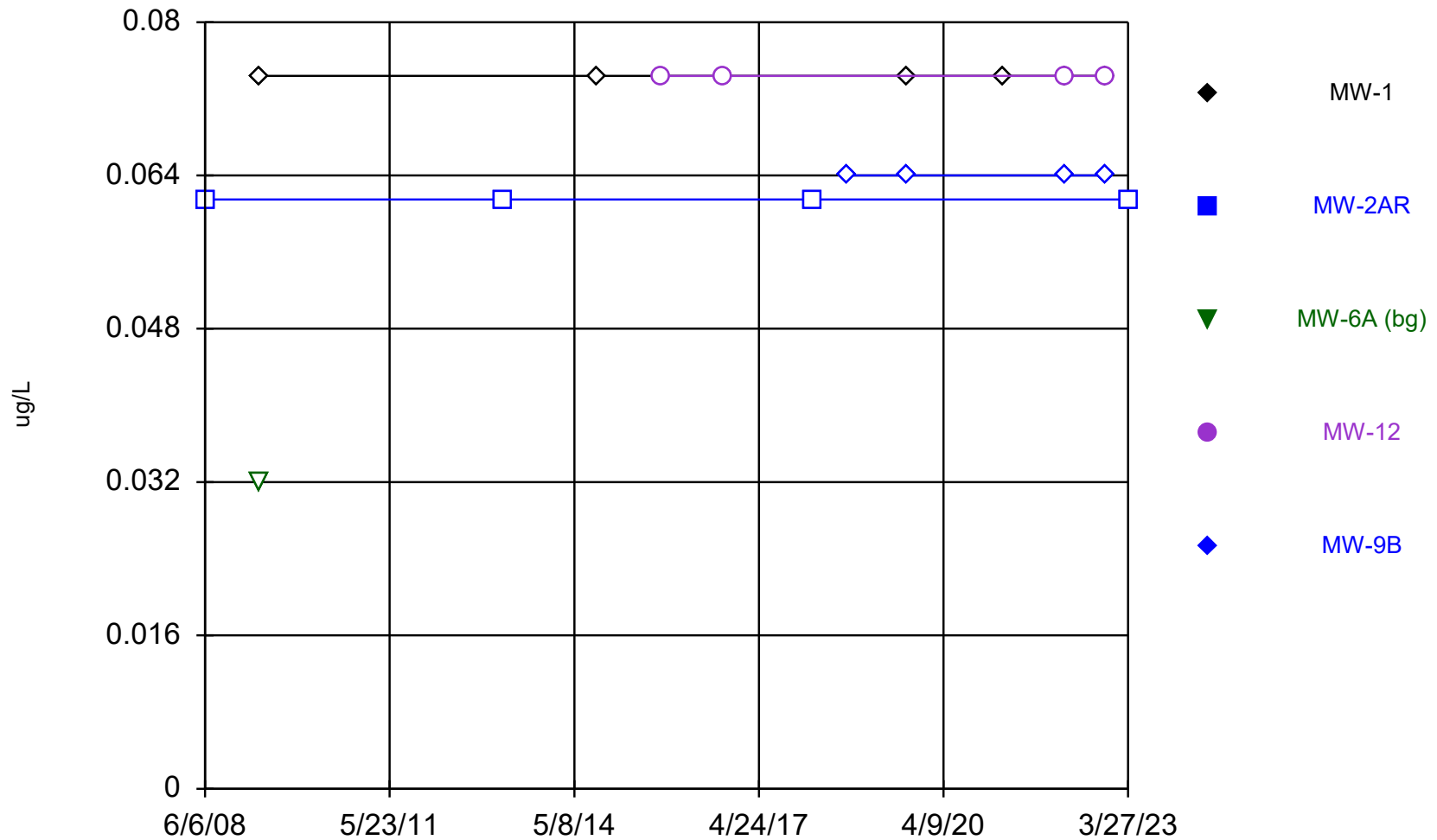
Constituent: Diethylphthalate Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



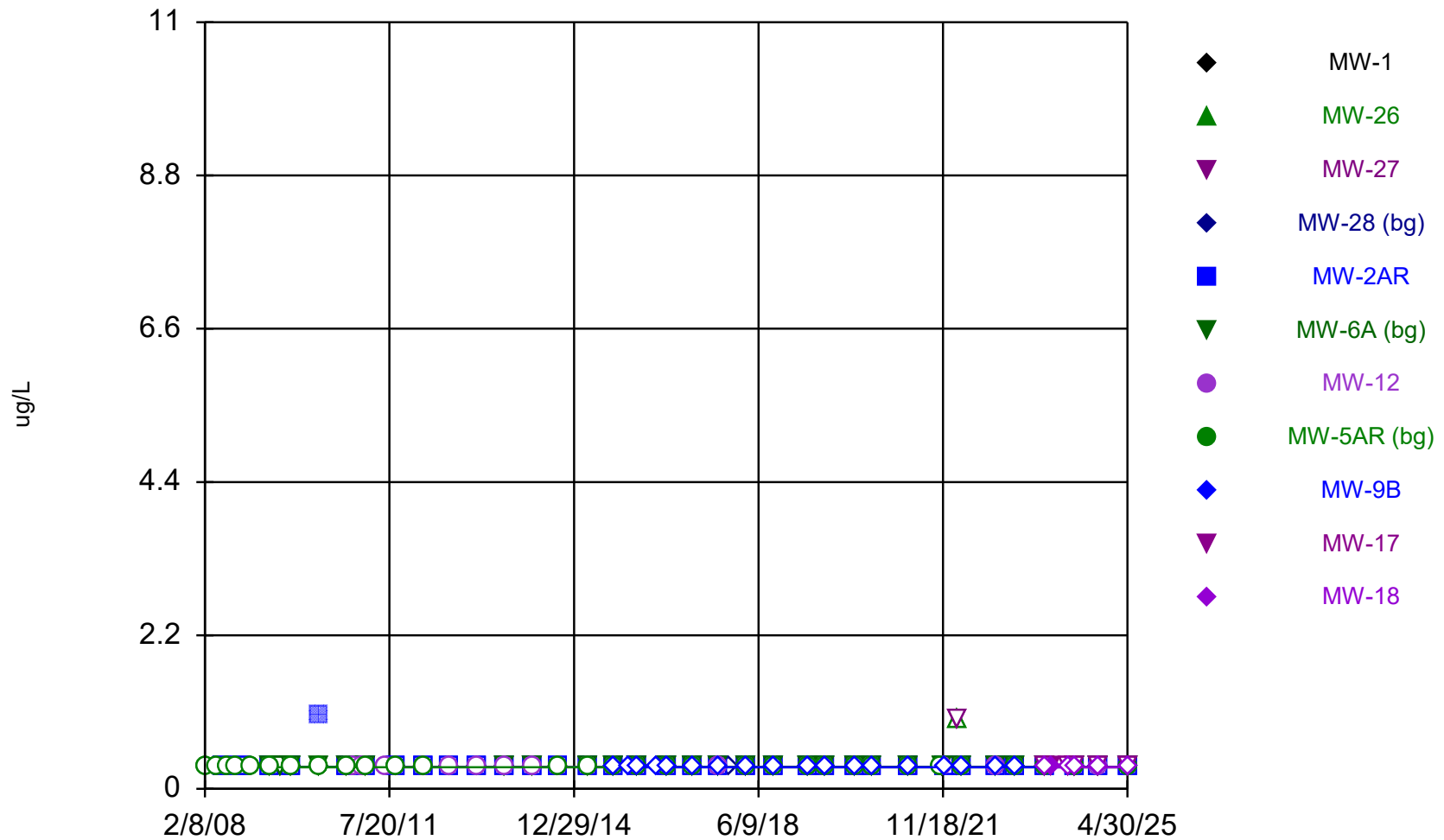
Constituent: Endosulfan I Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



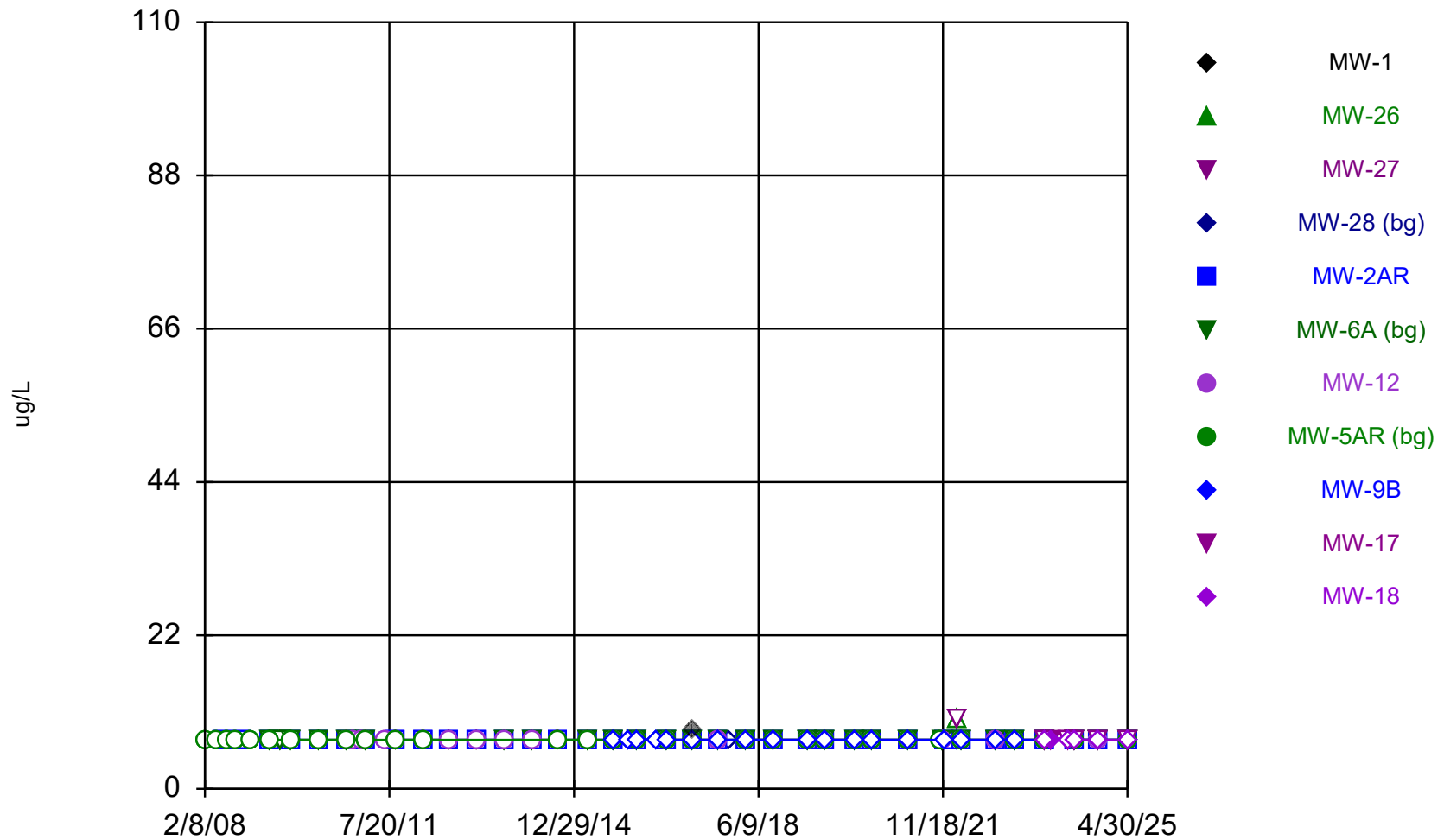
Constituent: Endosulfan II Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



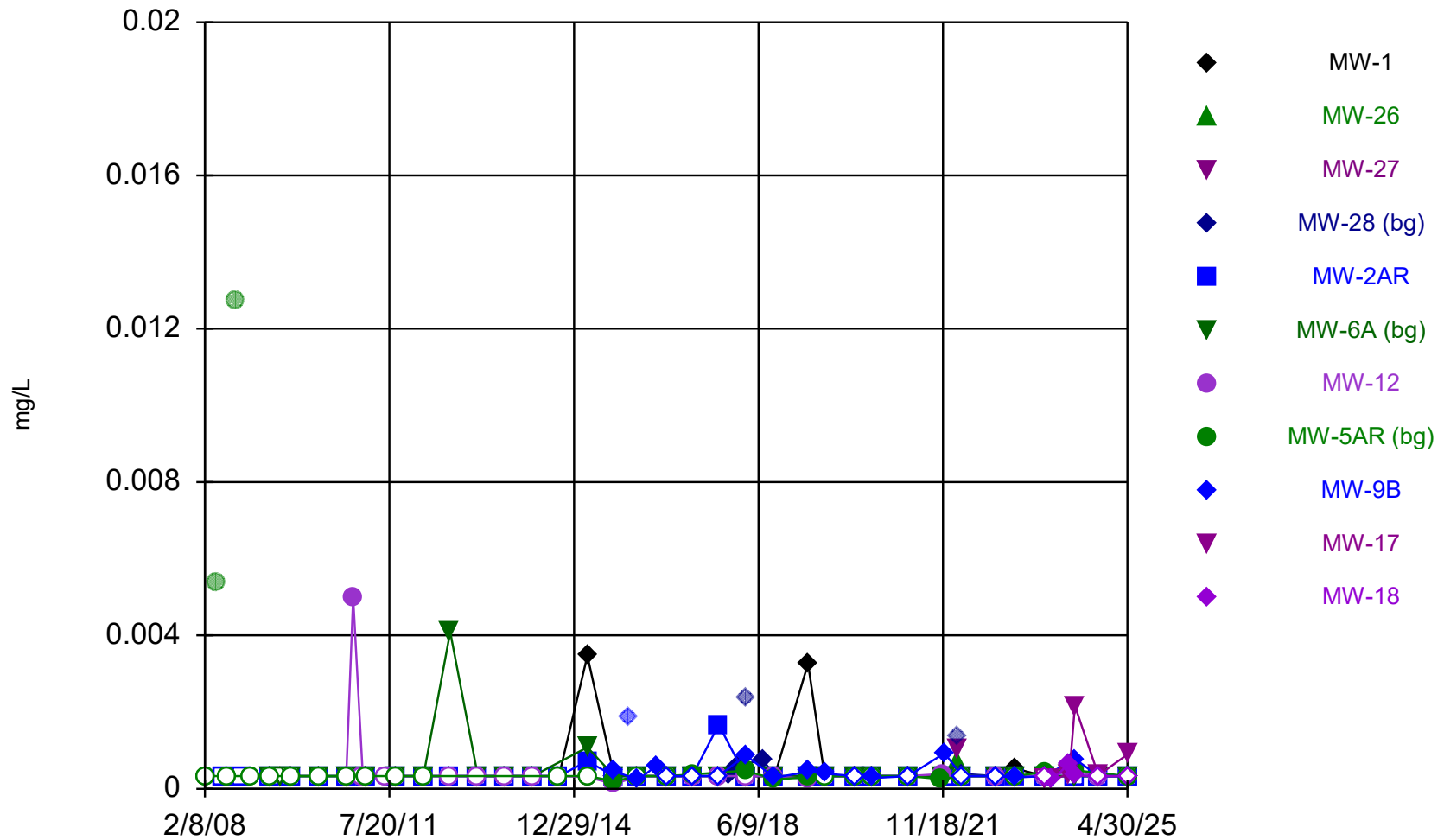
Constituent: Ethylbenzene Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



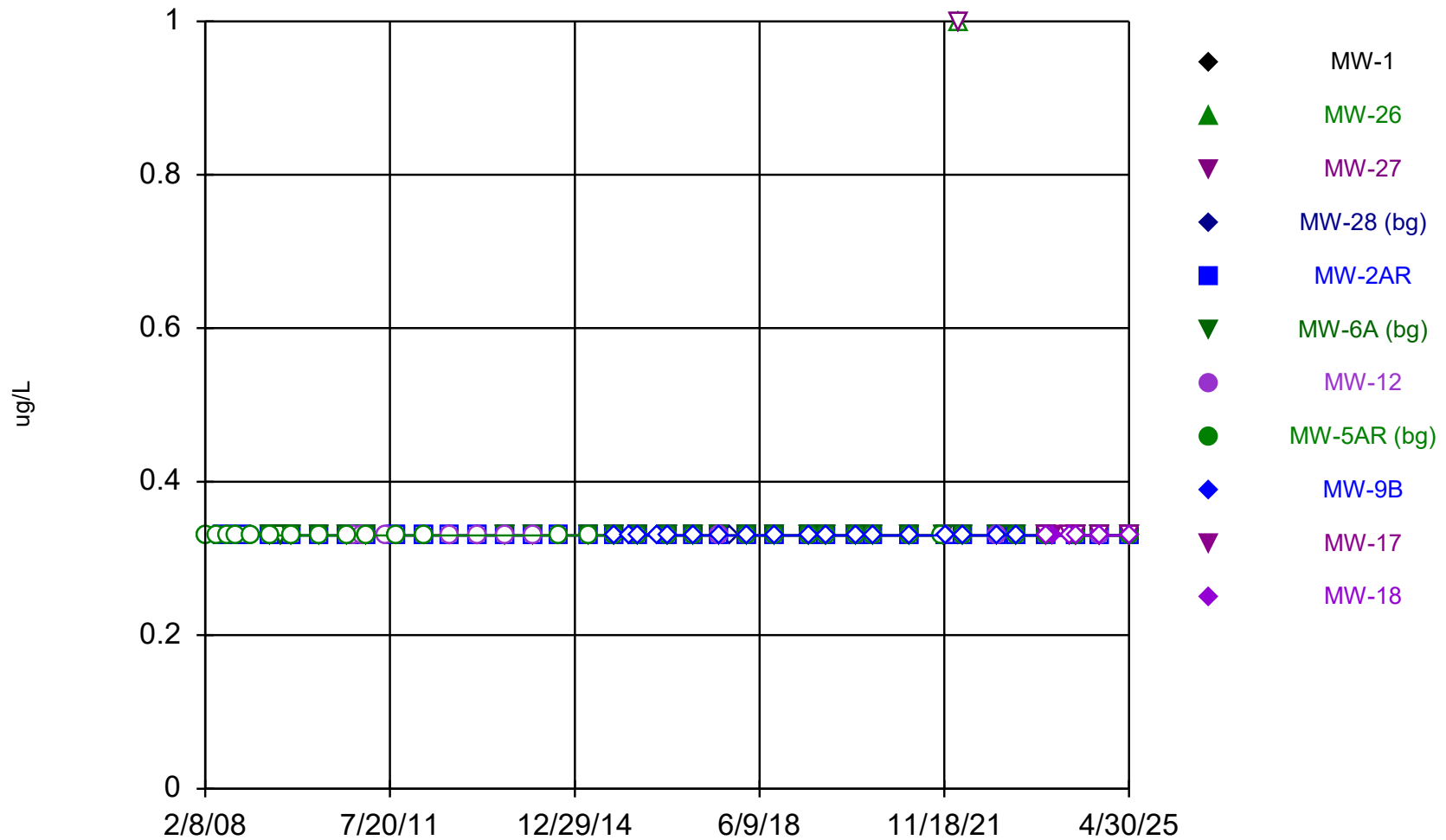
Constituent: Iodomethane Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: Lead Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

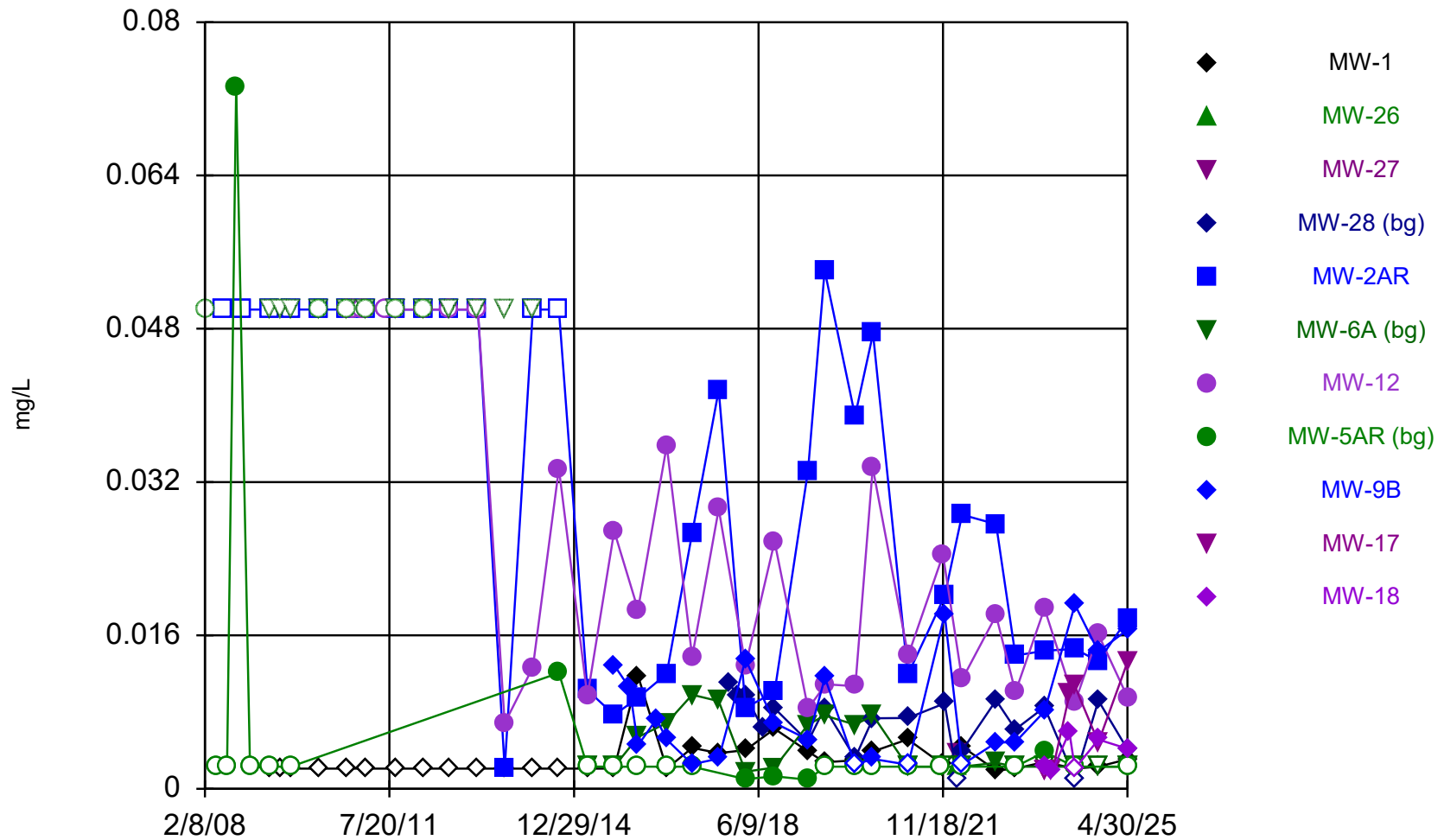
Time Series



Constituent: Methylene Bromide Analysis Run 5/15/2025 2:47 PM View: Well Network Review

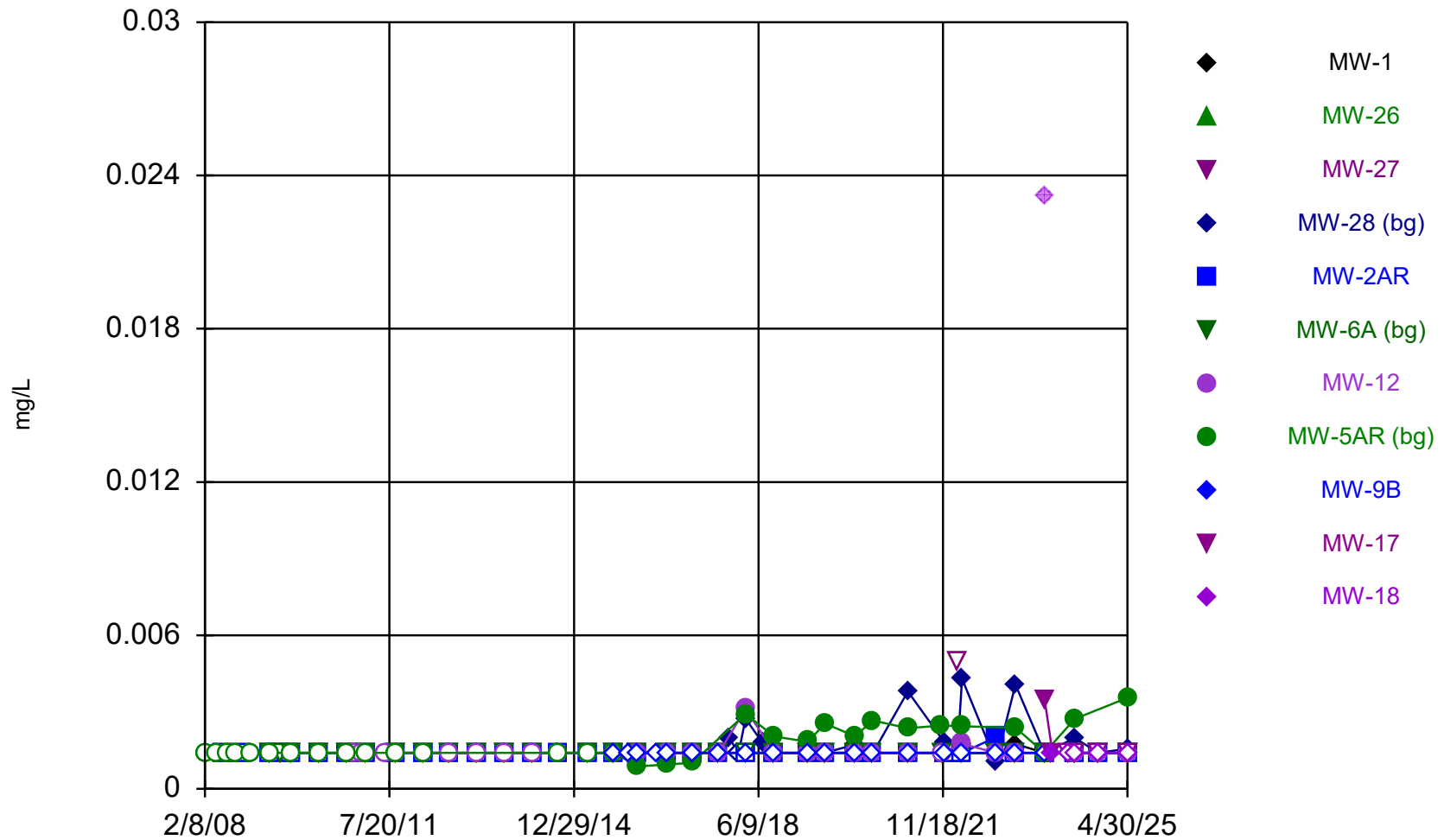
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



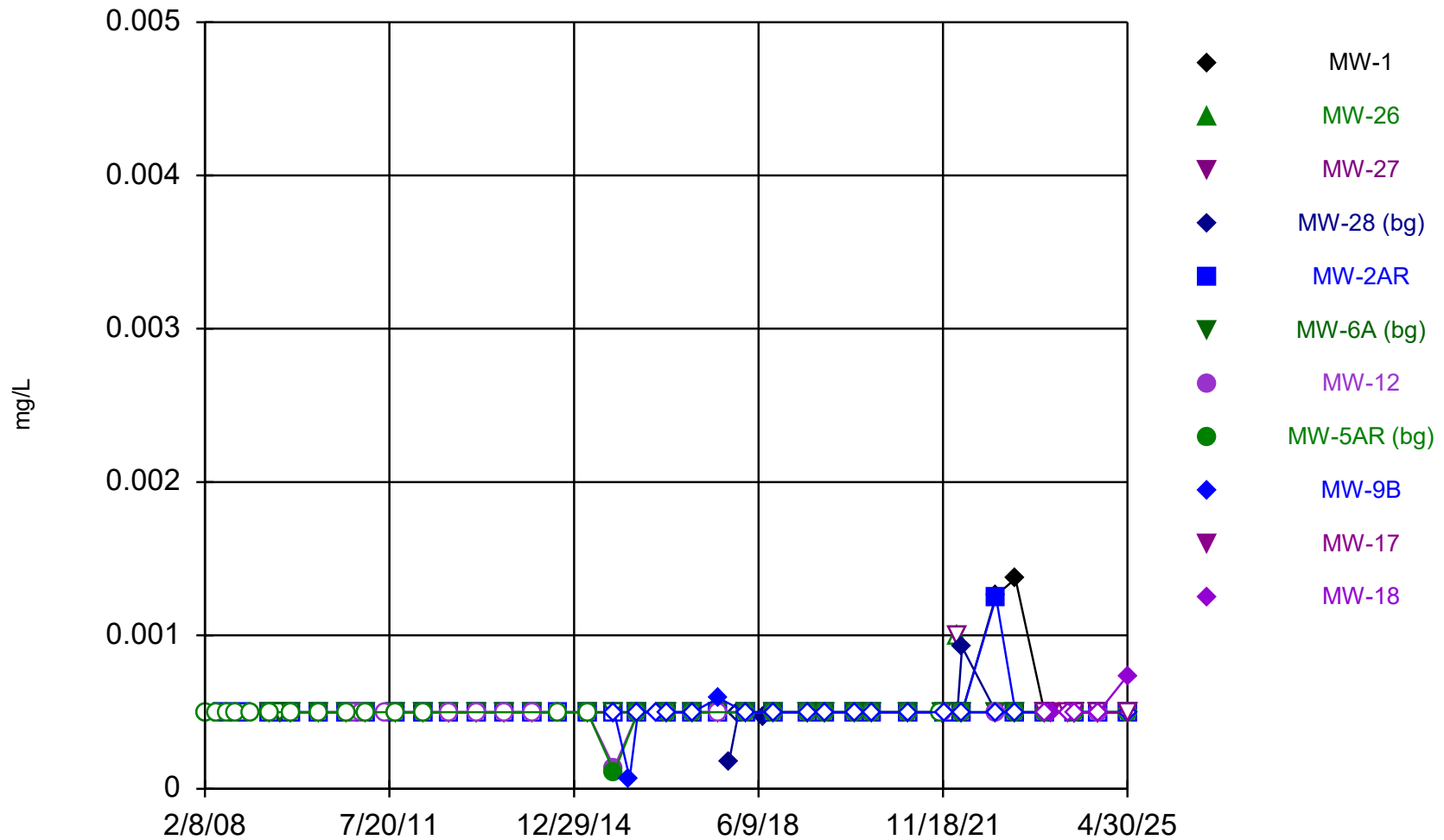
Constituent: Nickel Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



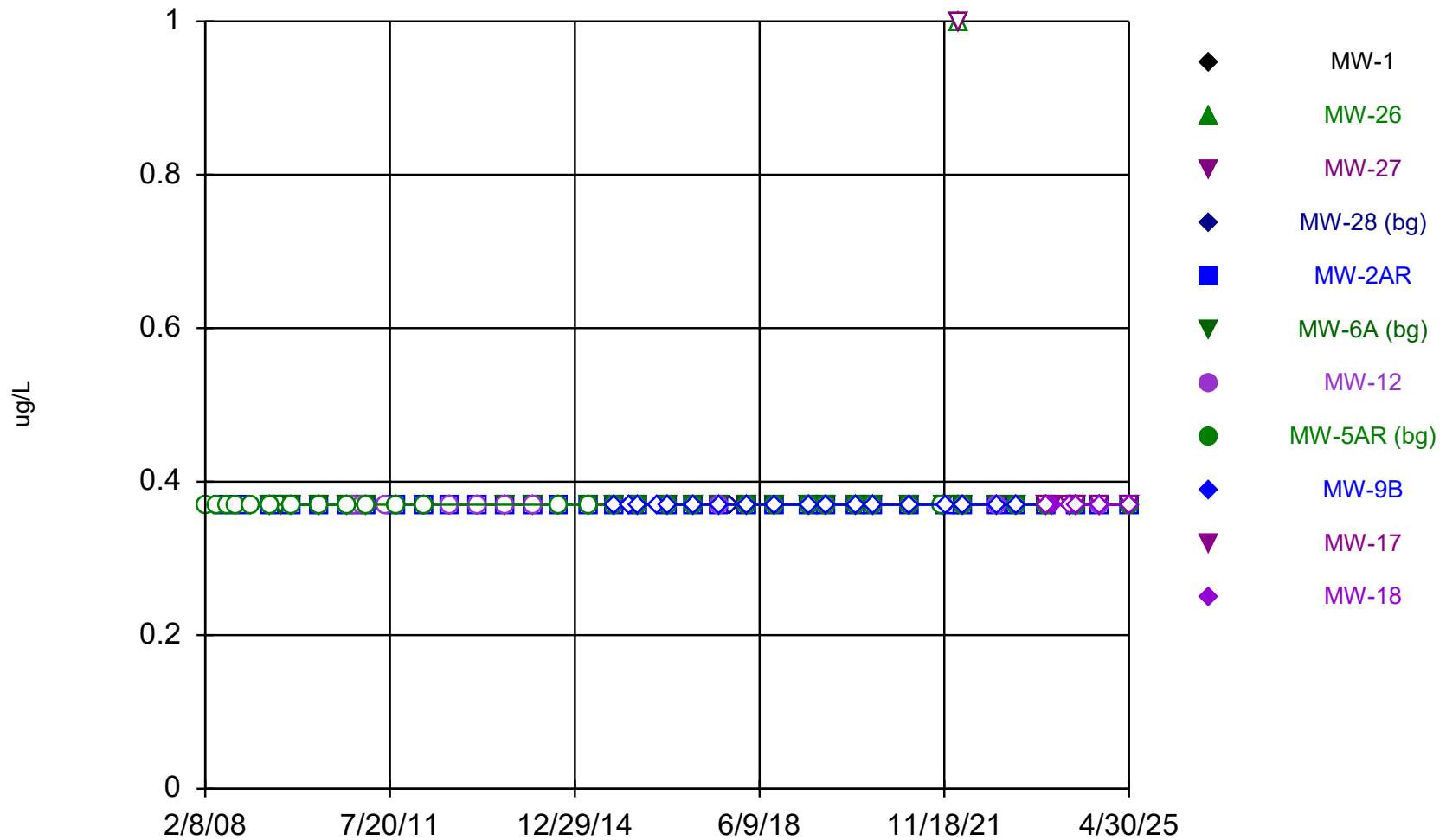
Constituent: Selenium Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



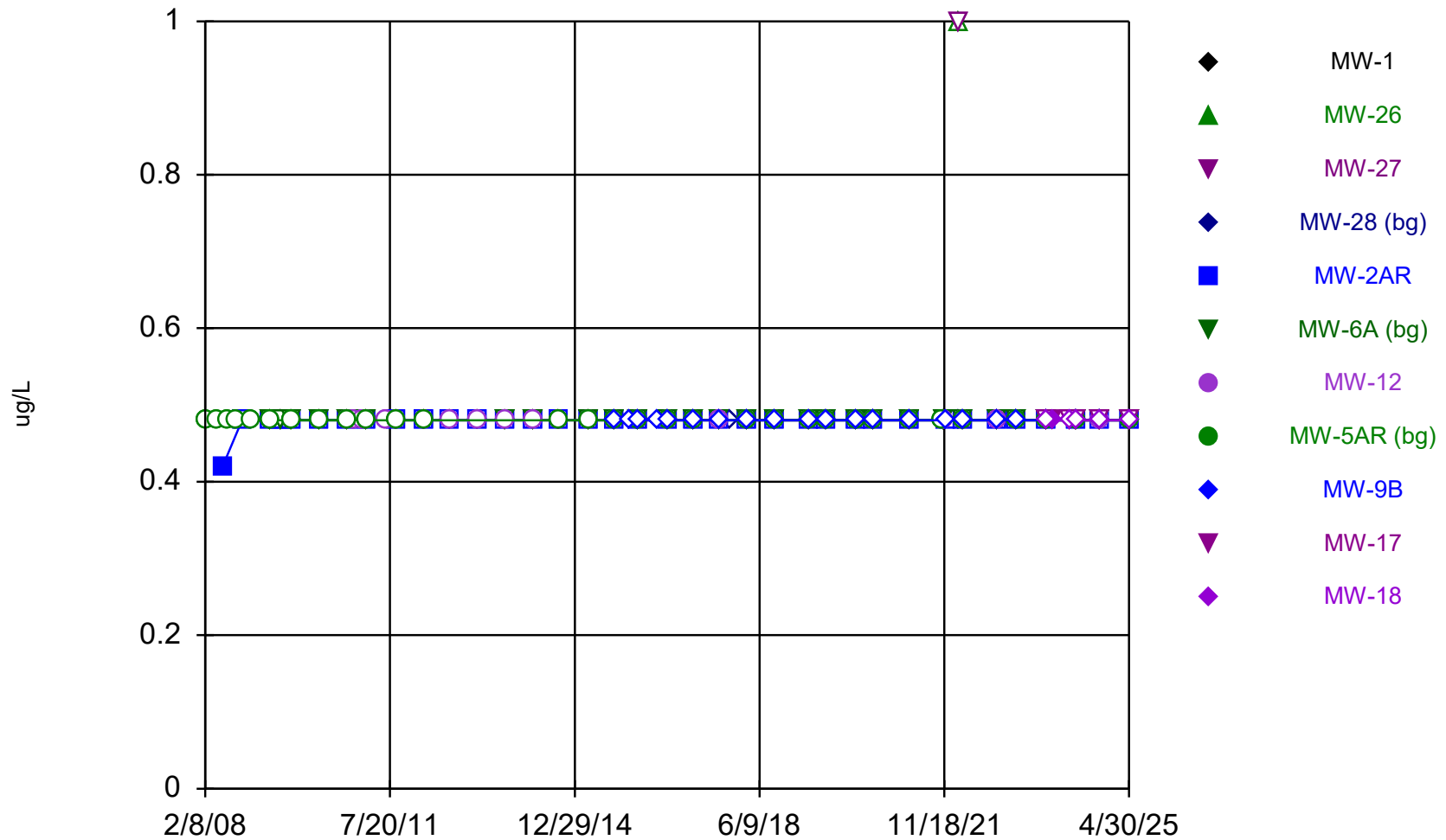
Constituent: Silver Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: Styrene Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

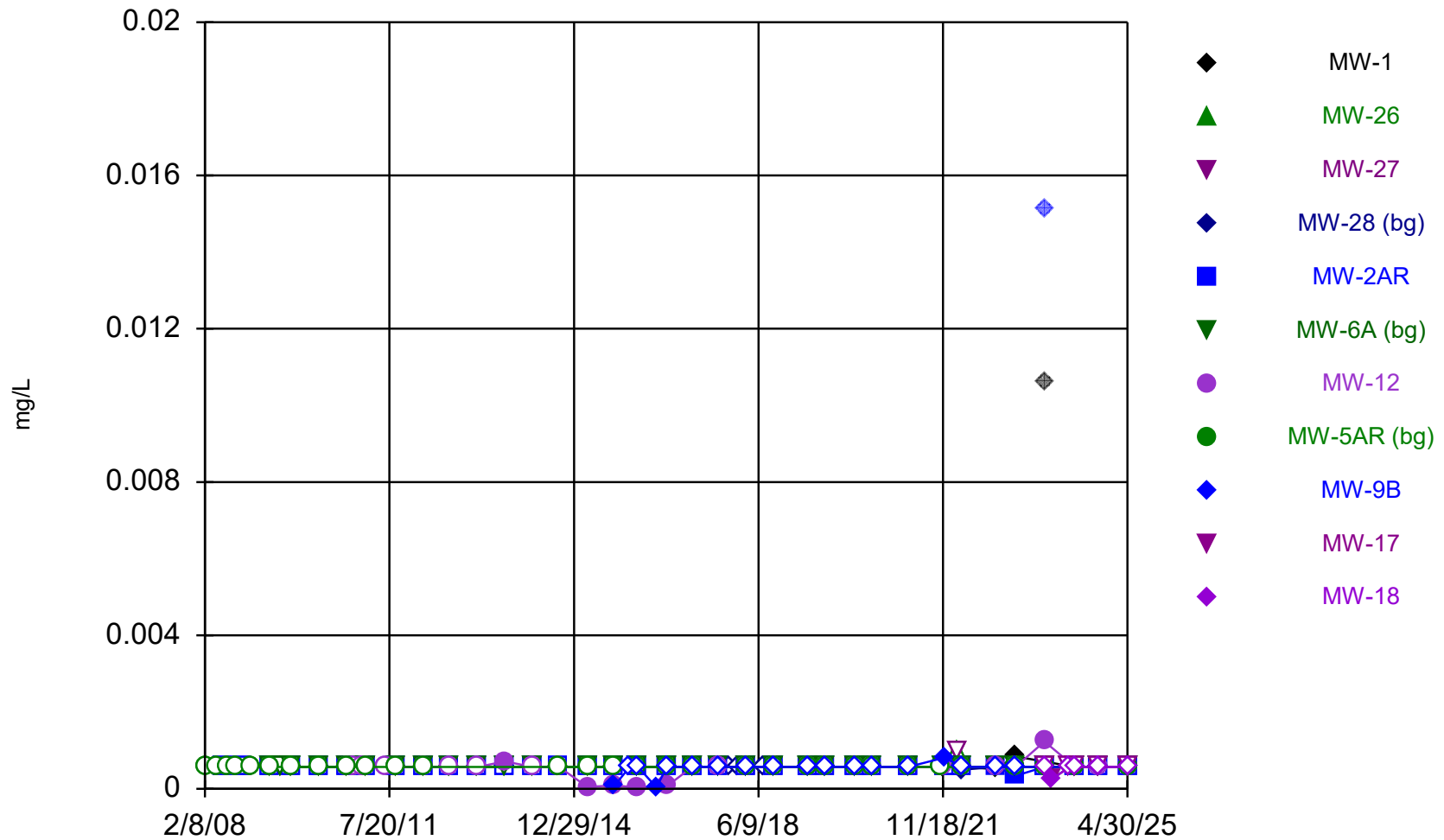
Time Series



Constituent: Tetrachloroethene Analysis Run 5/15/2025 2:47 PM View: Well Network Review

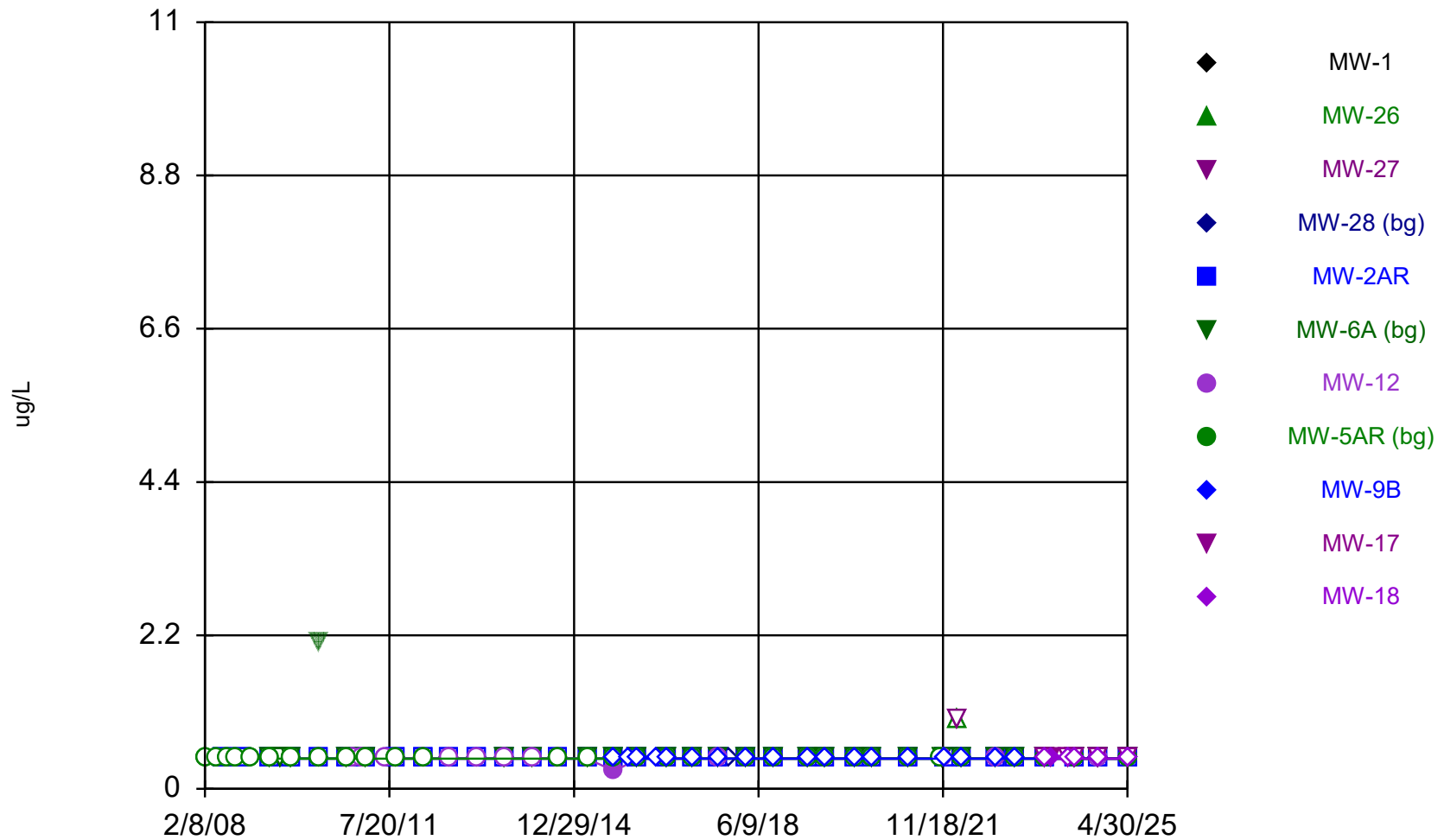
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



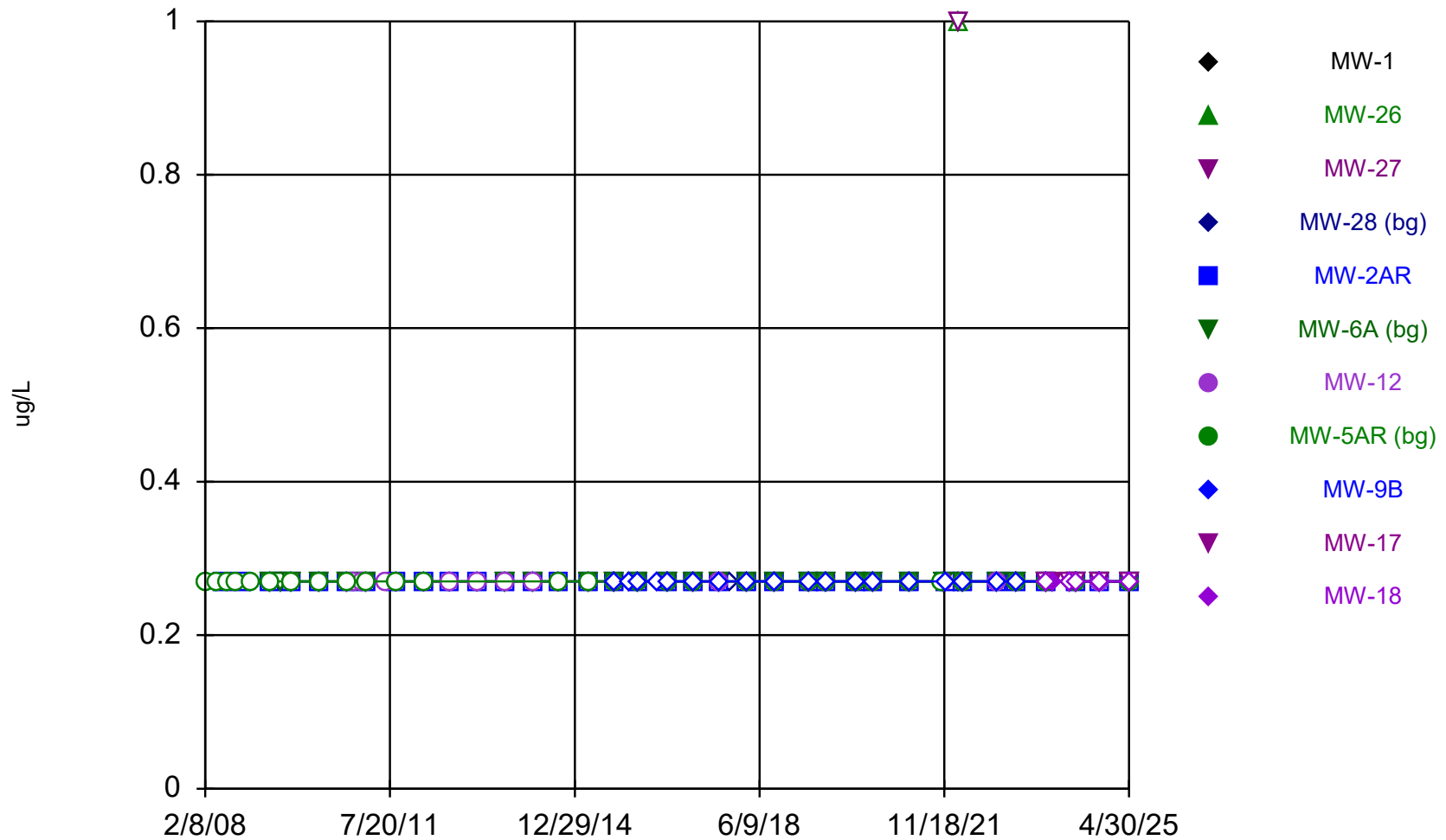
Constituent: Thallium Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: Toluene Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

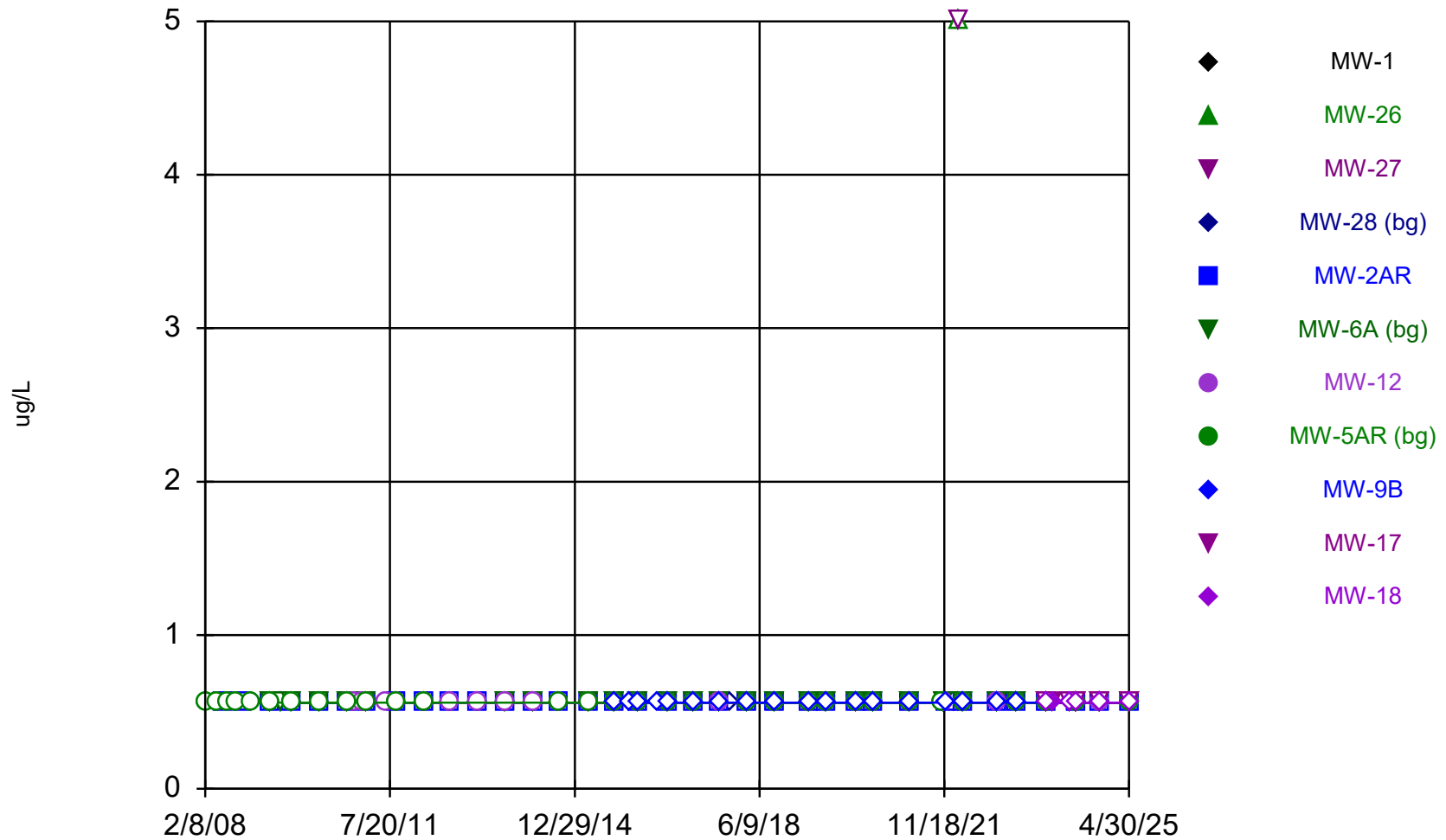
Time Series



Constituent: trans-1,2-Dichloroethene Analysis Run 5/15/2025 2:47 PM View: Well Network Review

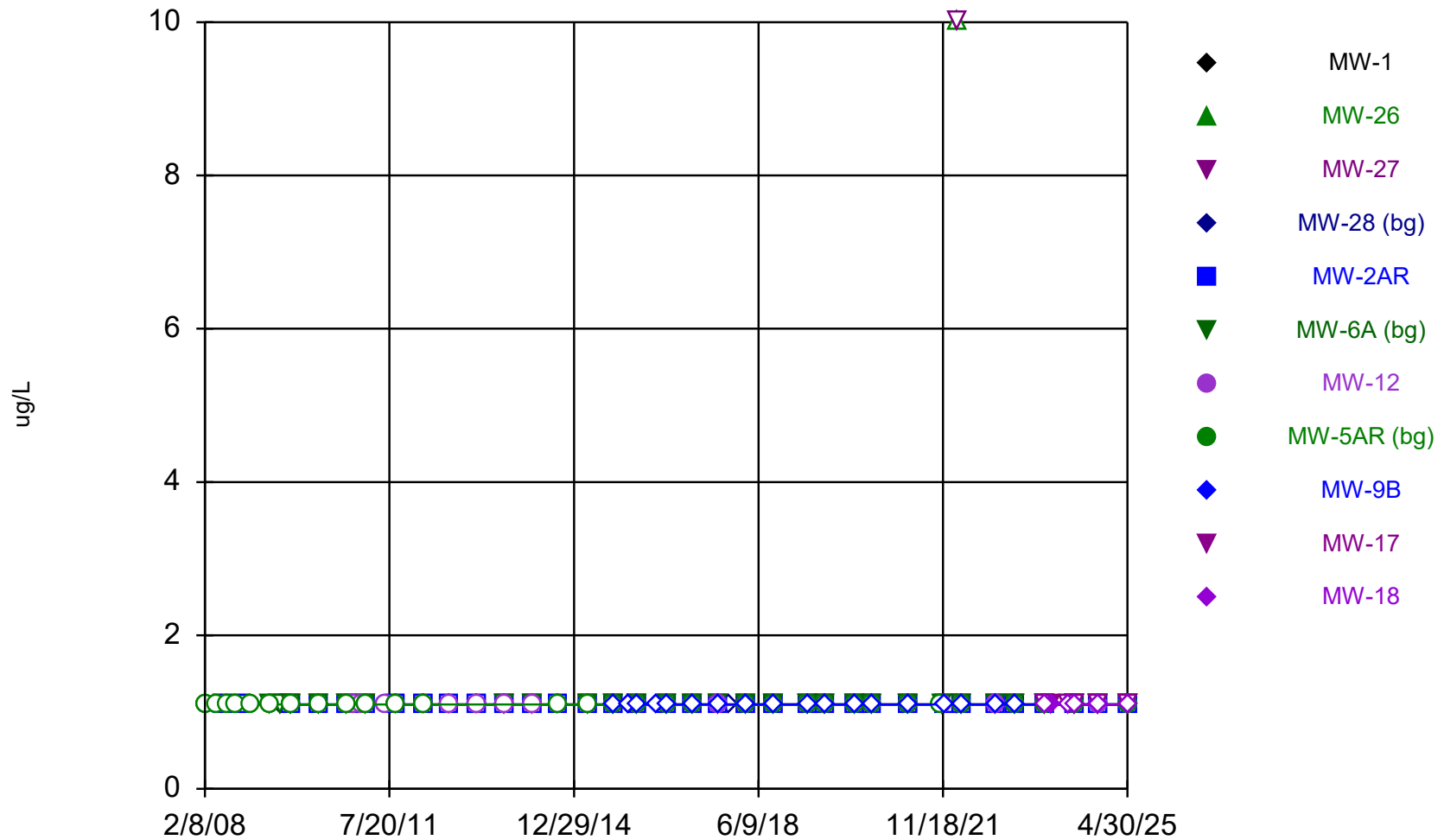
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



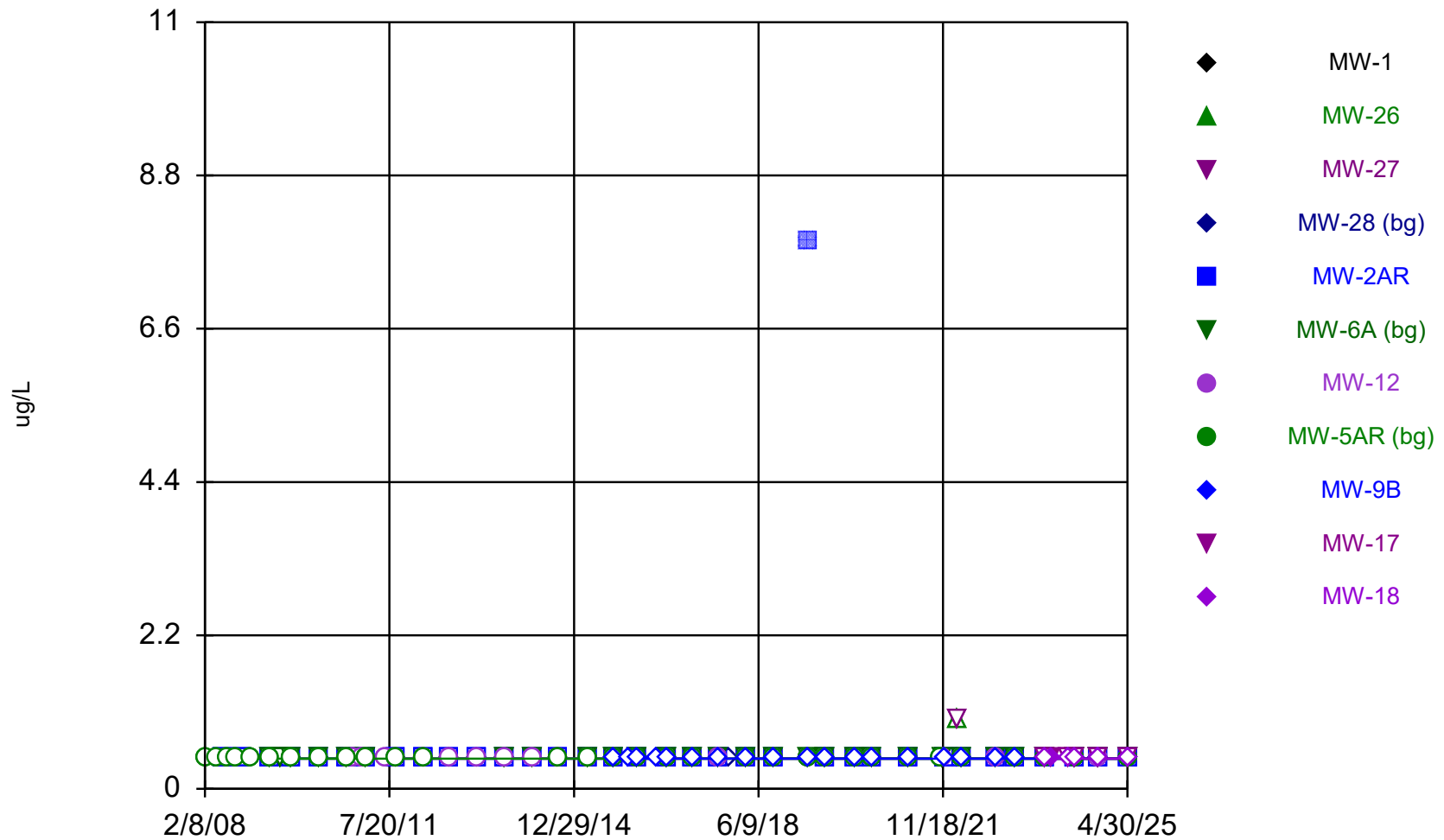
Constituent: trans-1,3-Dichloropropene Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: trans-1,4-Dichloro-2-butene Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

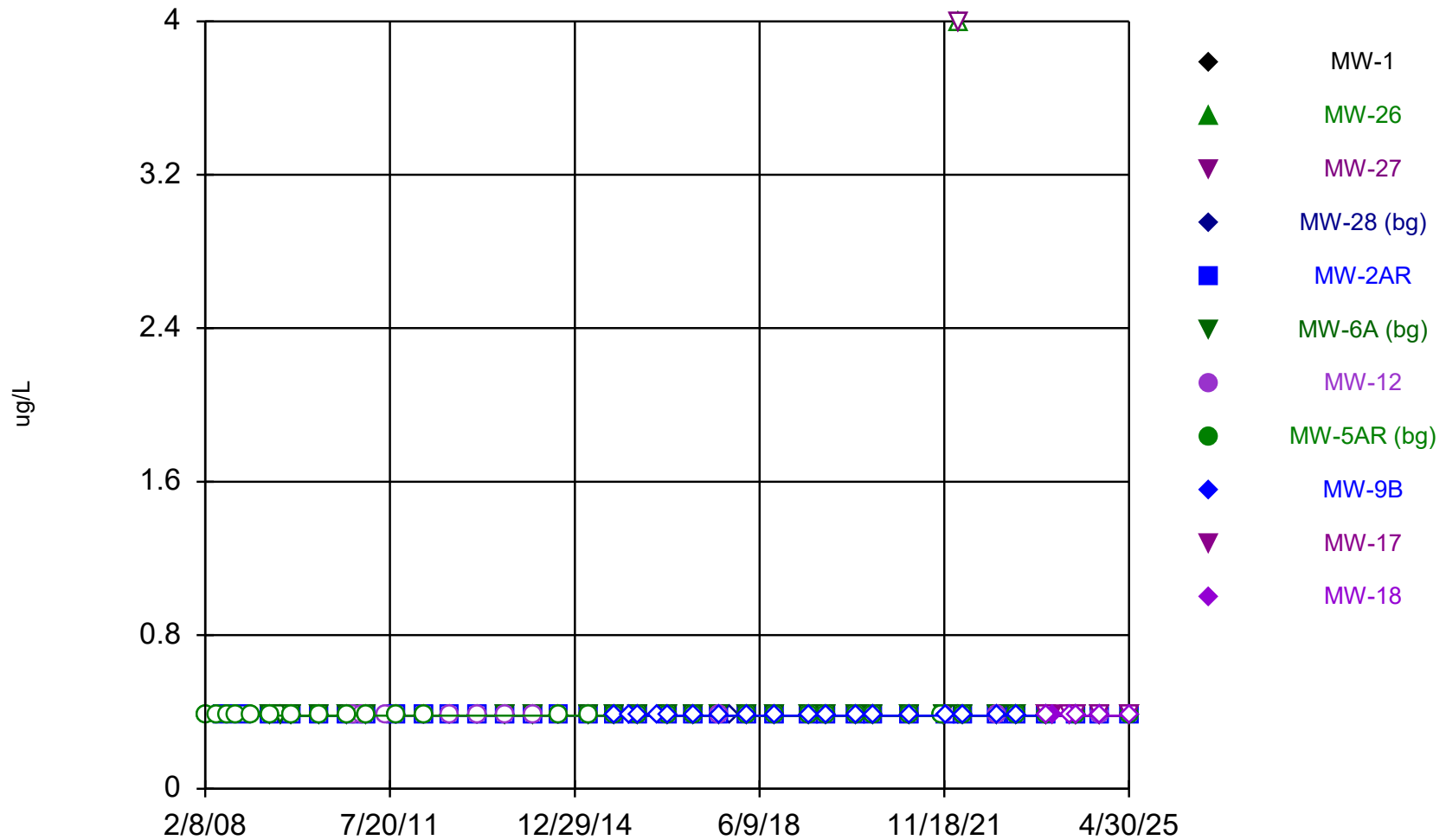
Time Series



Constituent: Trichloroethene Analysis Run 5/15/2025 2:47 PM View: Well Network Review

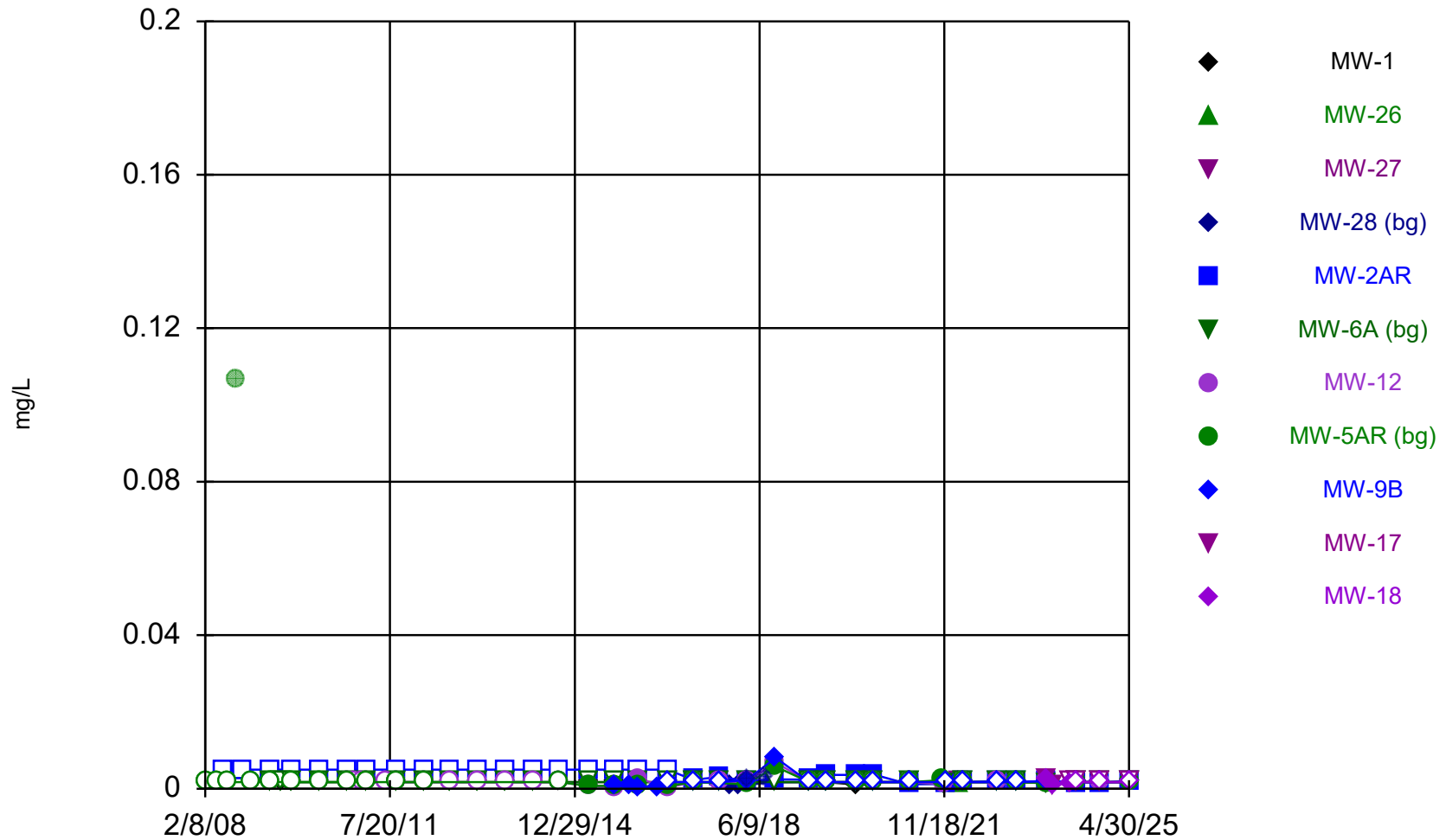
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



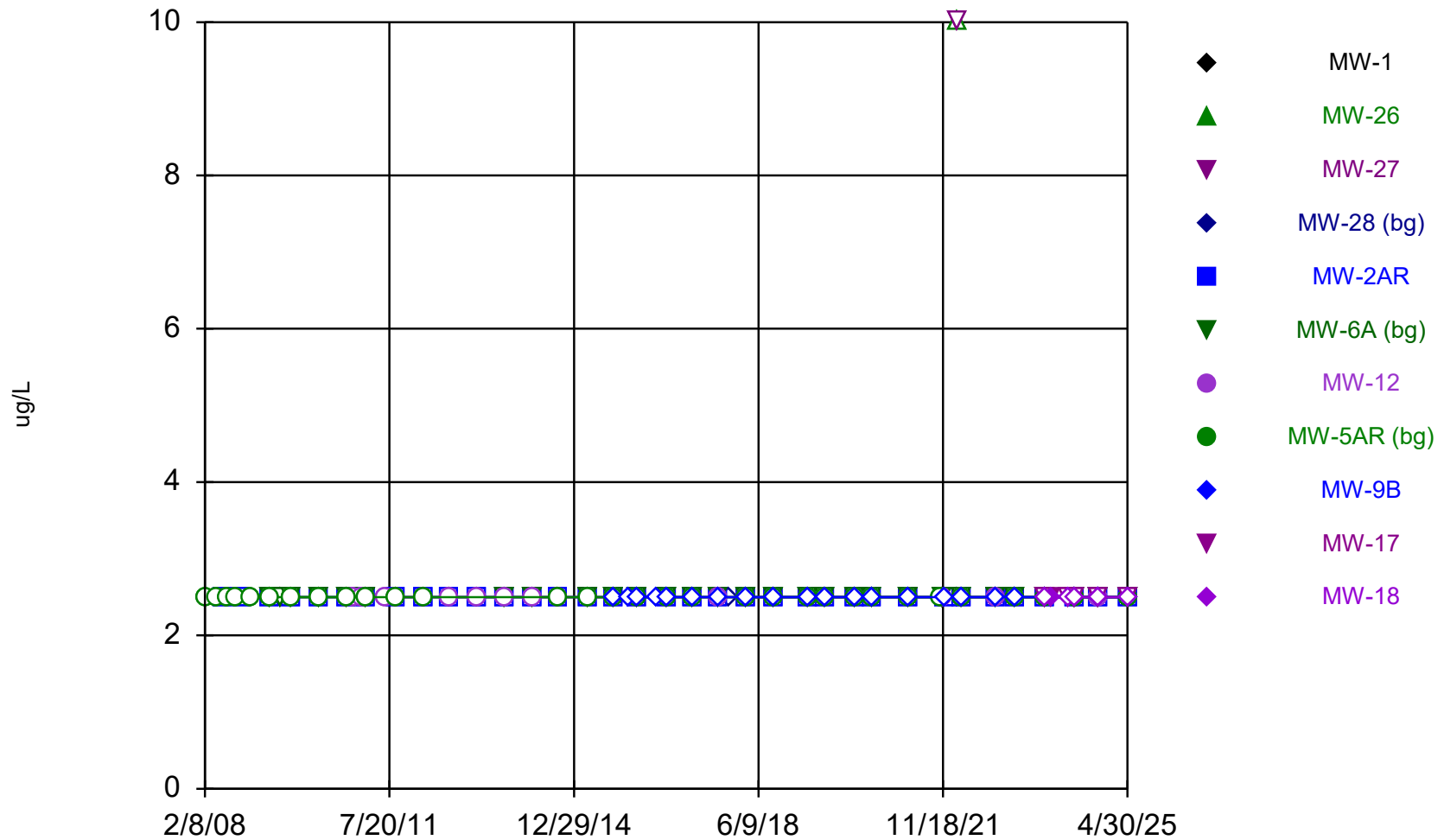
Constituent: Trichlorofluoromethane Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



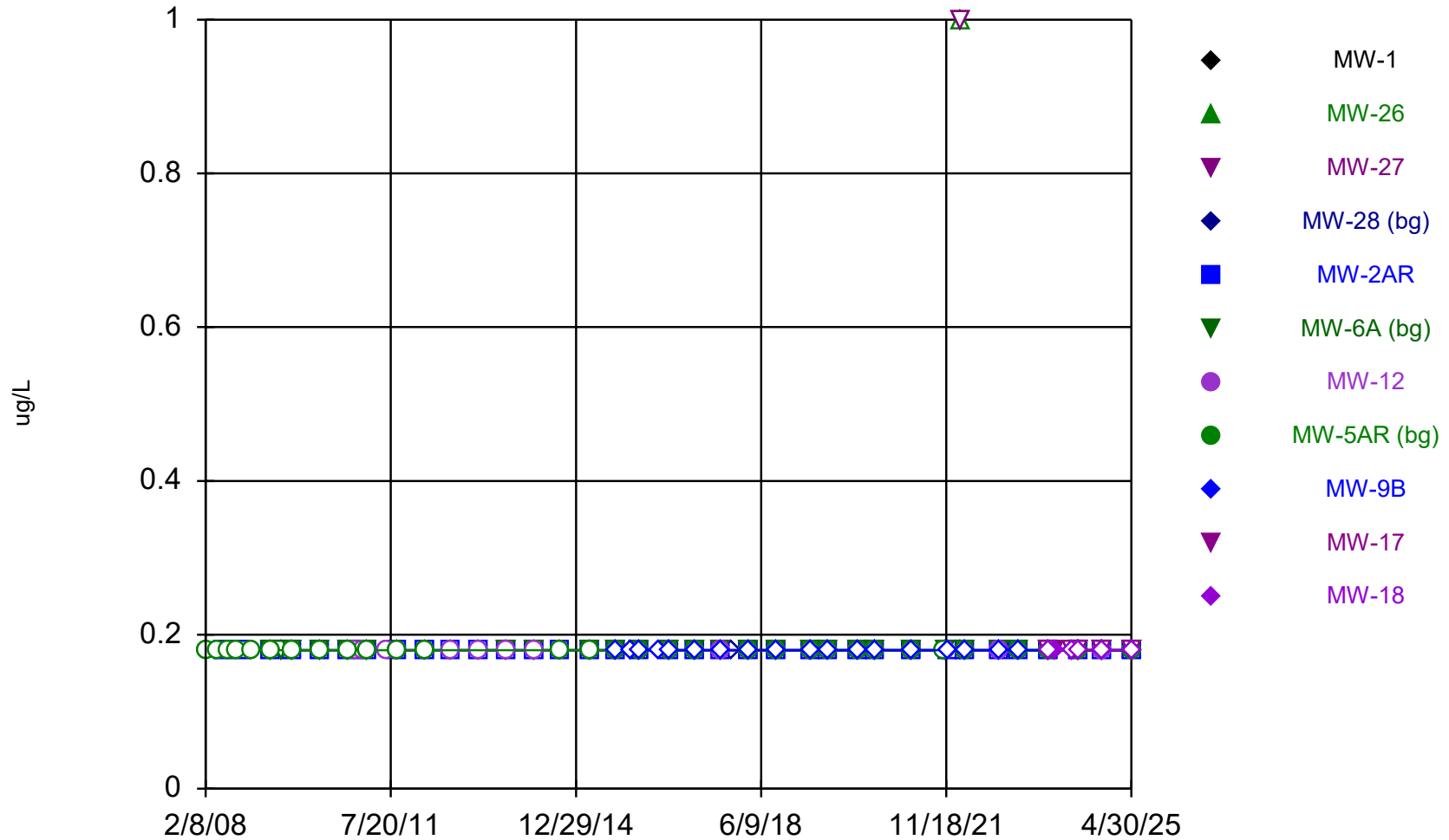
Constituent: Vanadium Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



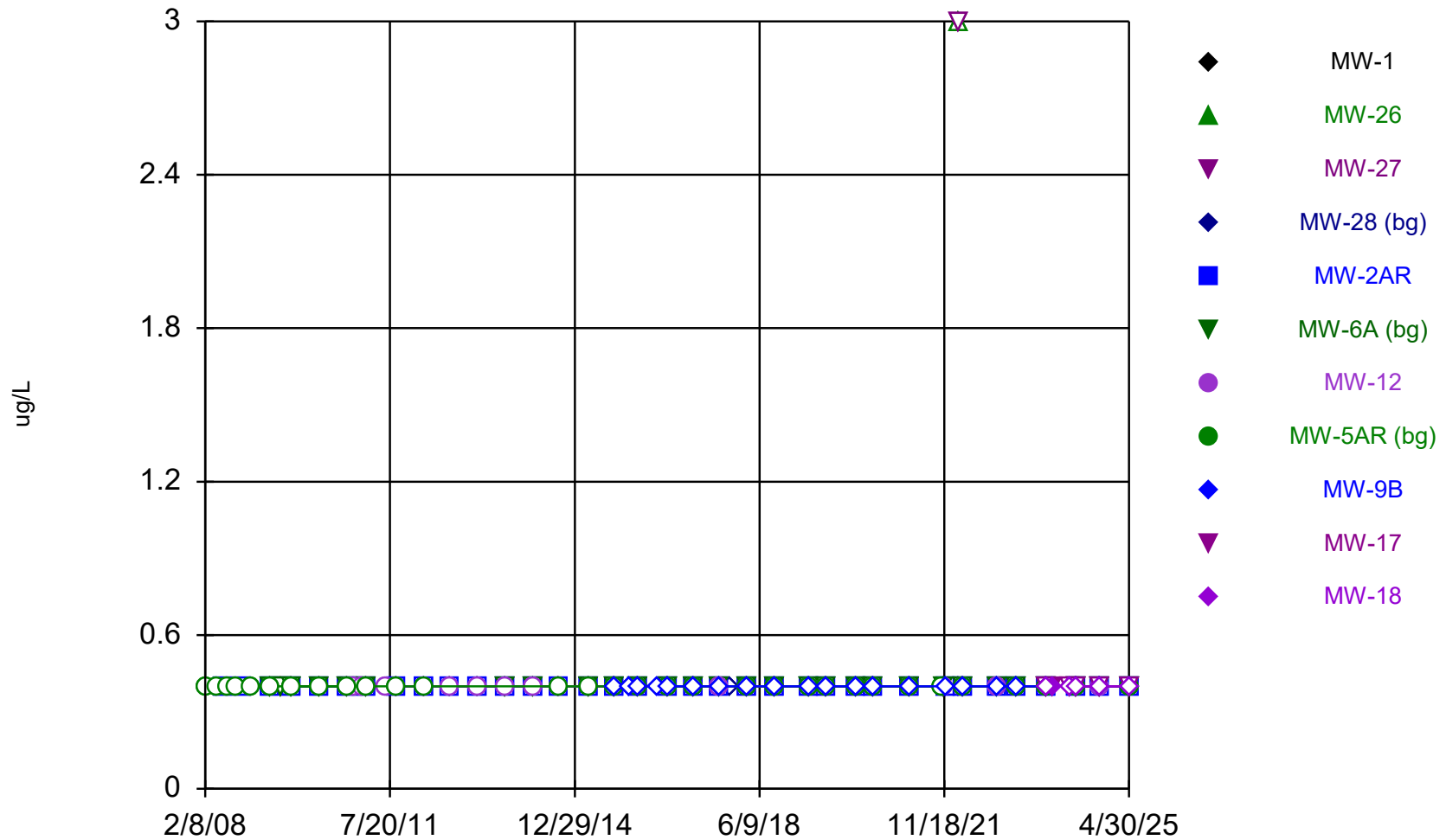
Constituent: Vinyl acetate Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



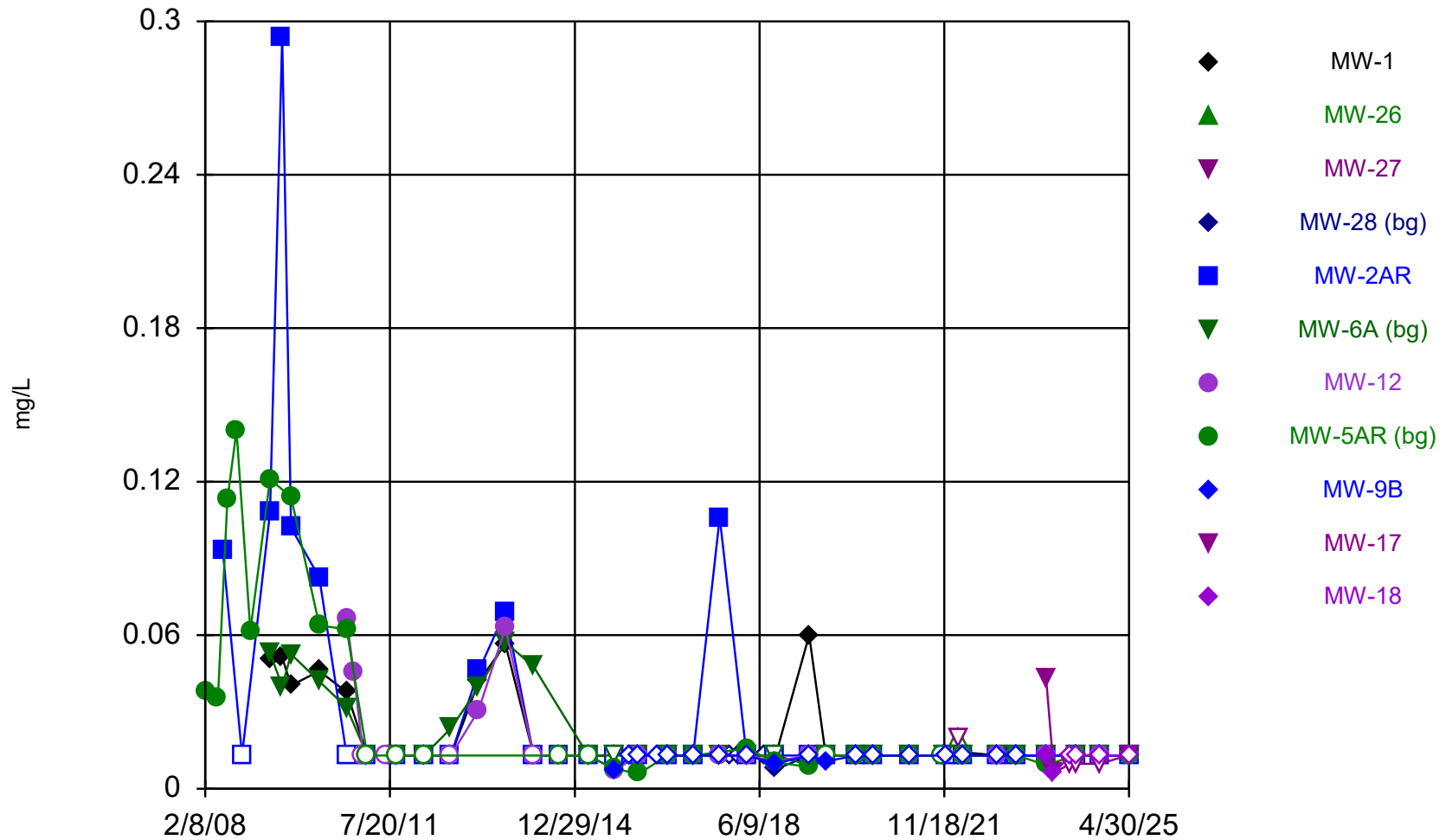
Constituent: Vinyl chloride Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



Constituent: Xylenes, total Analysis Run 5/15/2025 2:47 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Time Series



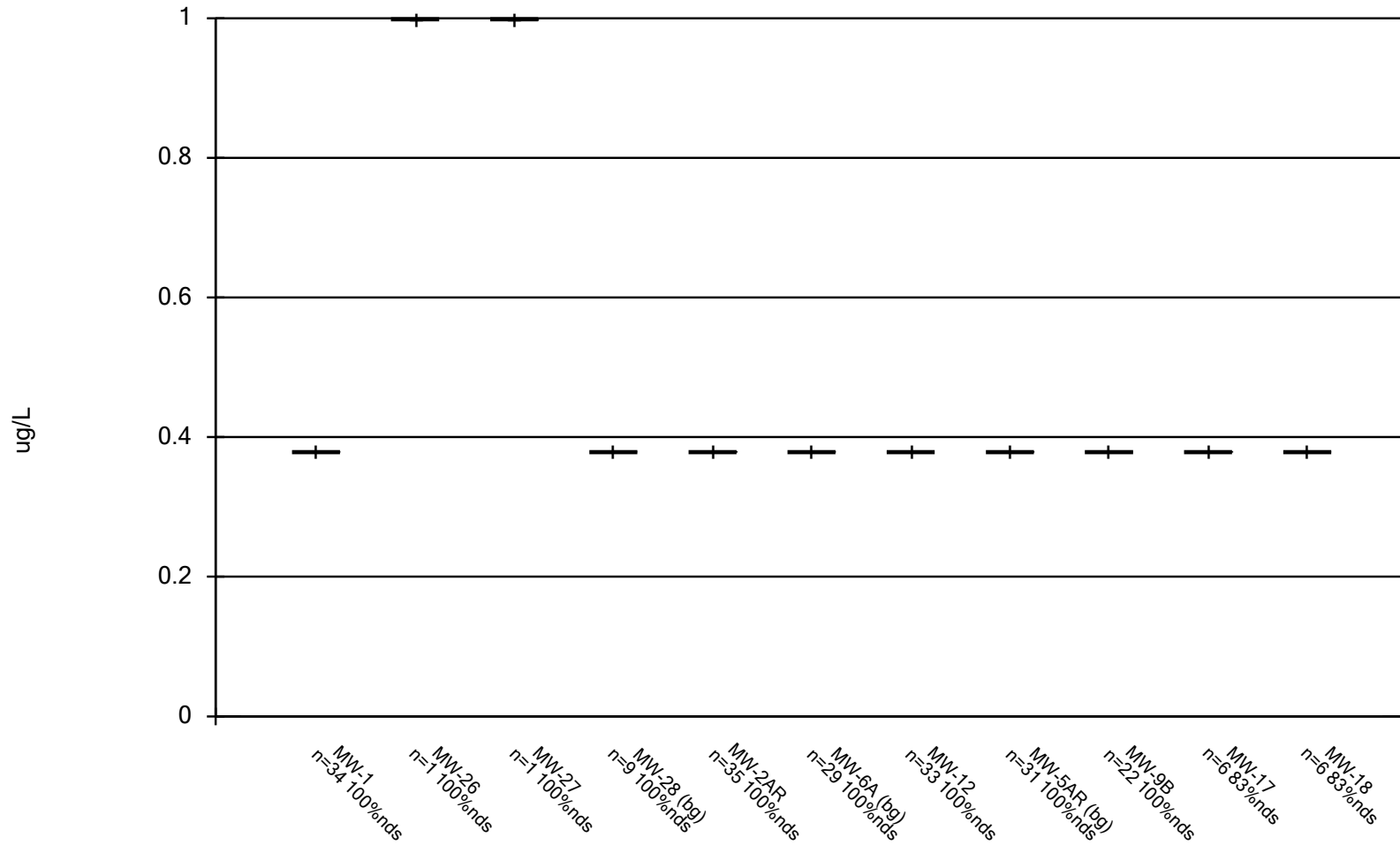


Box & Whiskers Plots



This page intentionally left blank.

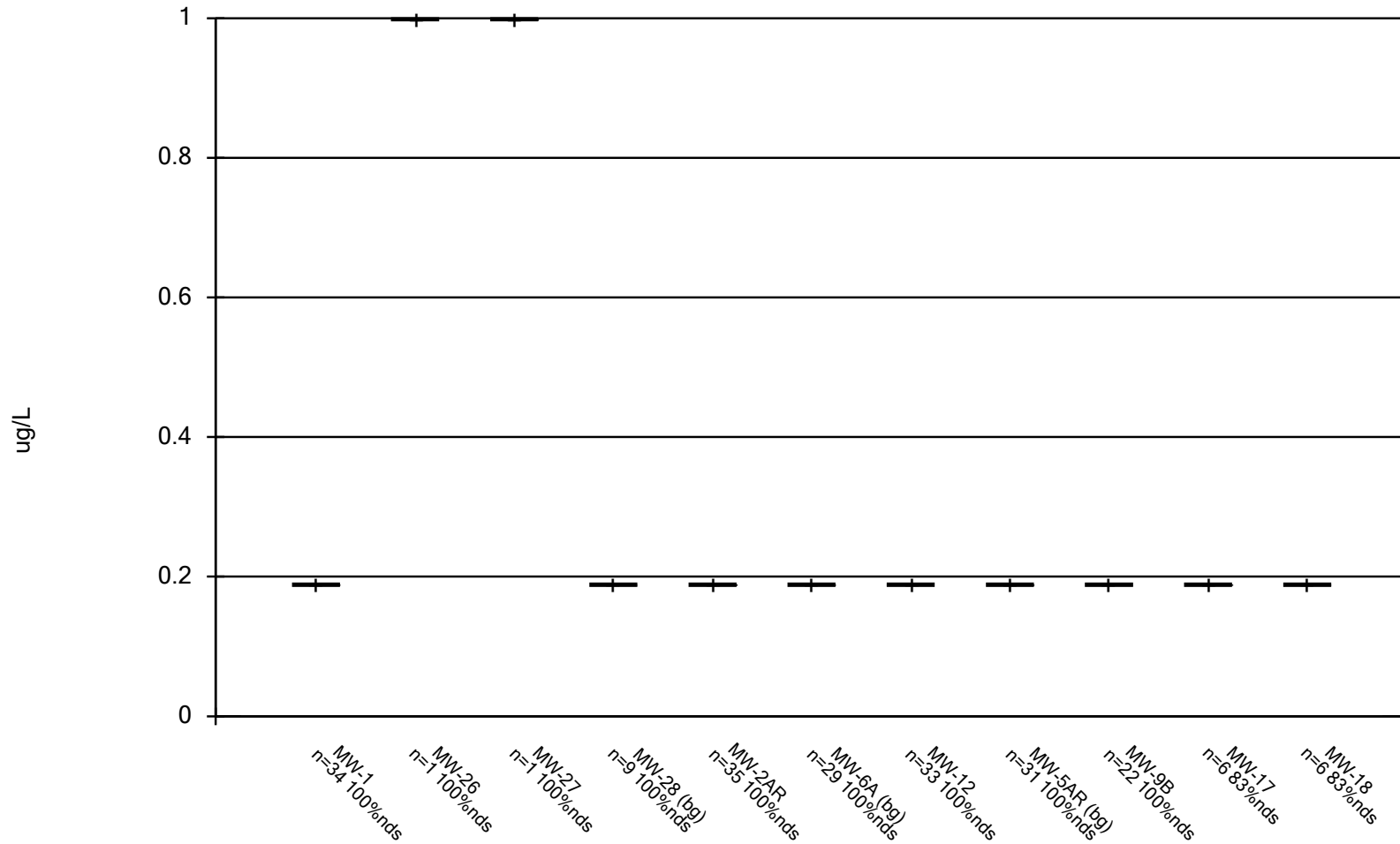
Box & Whiskers Plot



Constituent: 1,1,1,2-Tetrachloroethane Analysis Run 6/11/2025 4:36 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

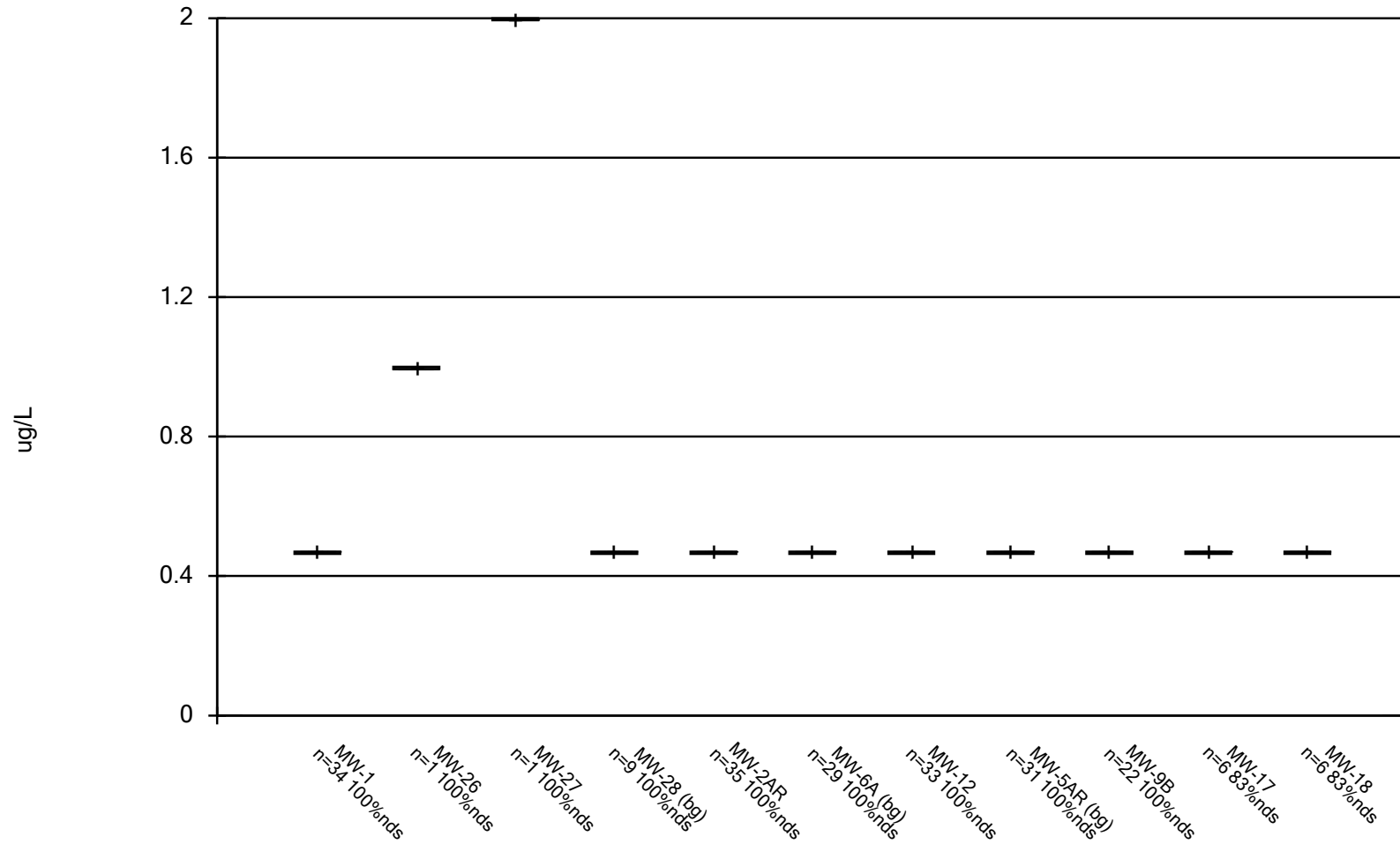
Box & Whiskers Plot



Constituent: 1,1,1-Trichloroethane Analysis Run 6/11/2025 4:36 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

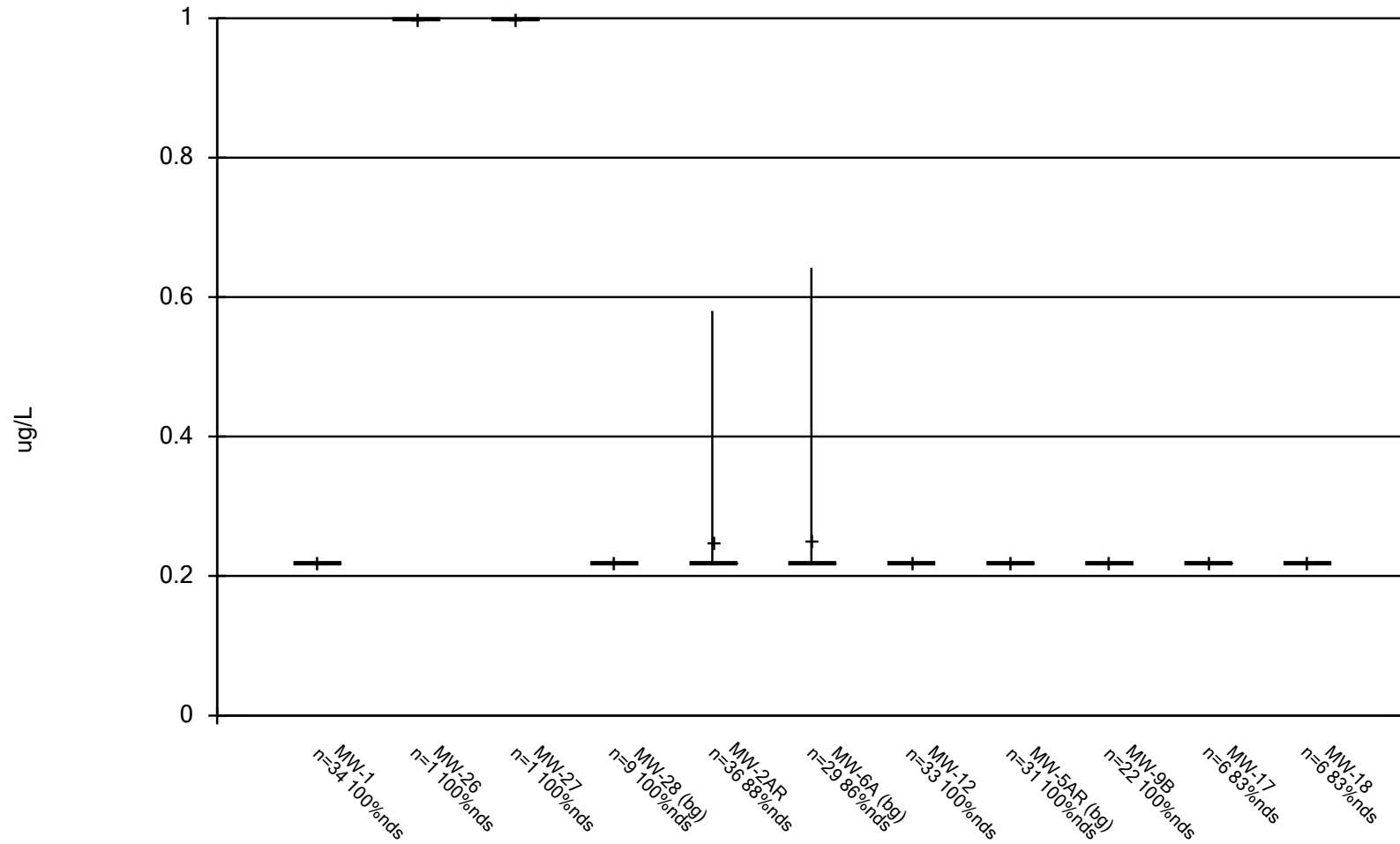
Box & Whiskers Plot



Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 6/11/2025 4:36 PM View: Well Network Review

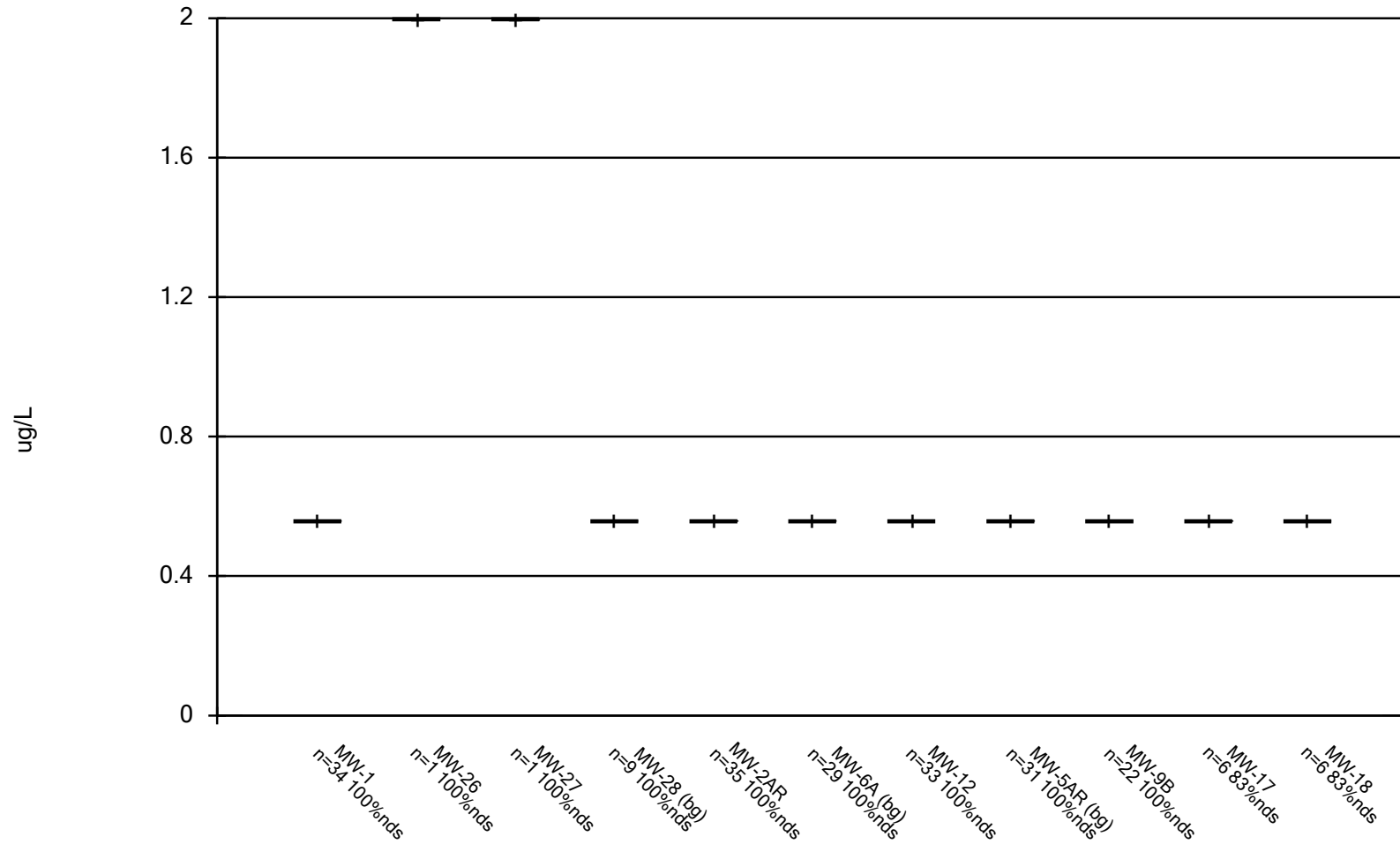
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



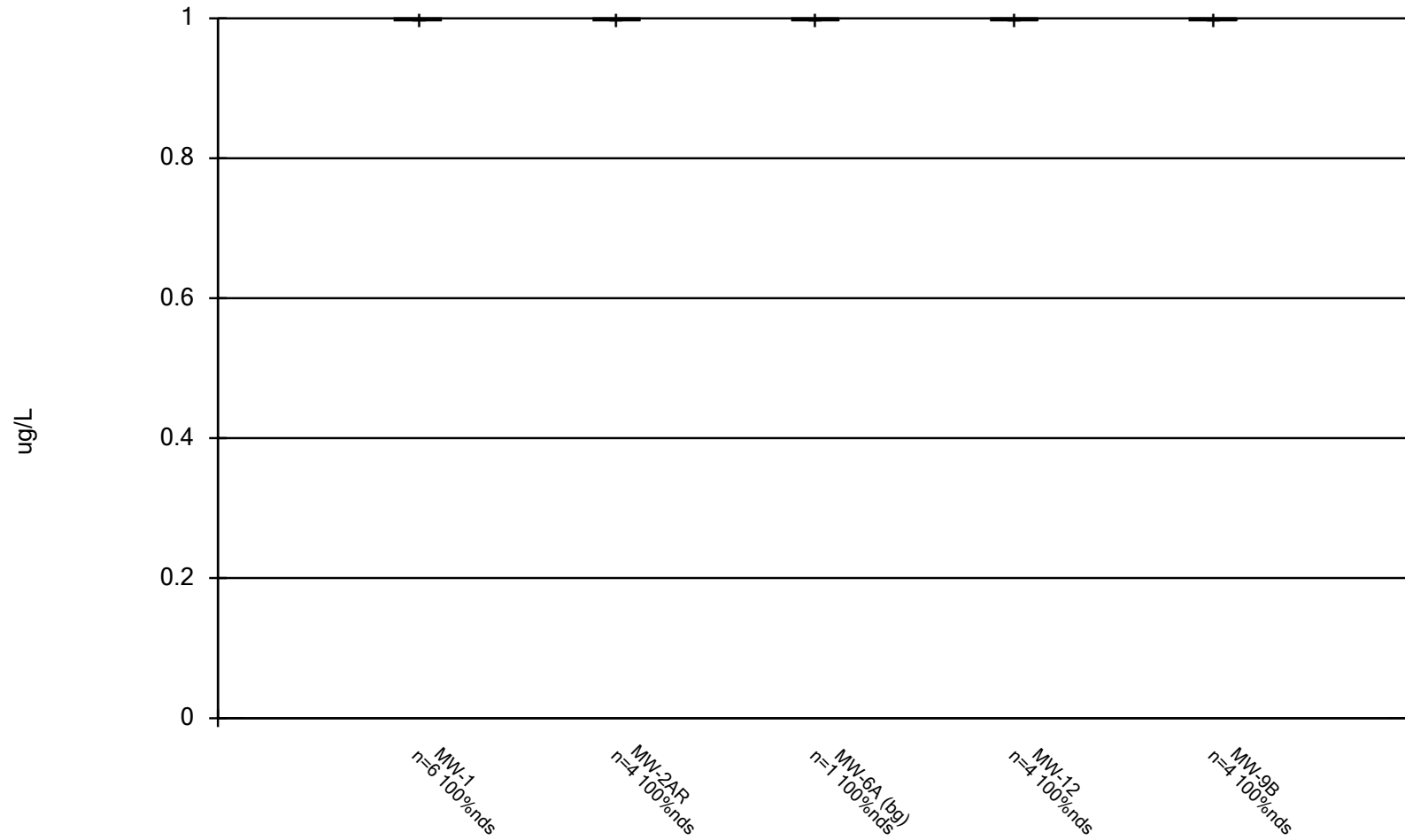
Constituent: 1,1-Dichloroethane Analysis Run 6/11/2025 4:36 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



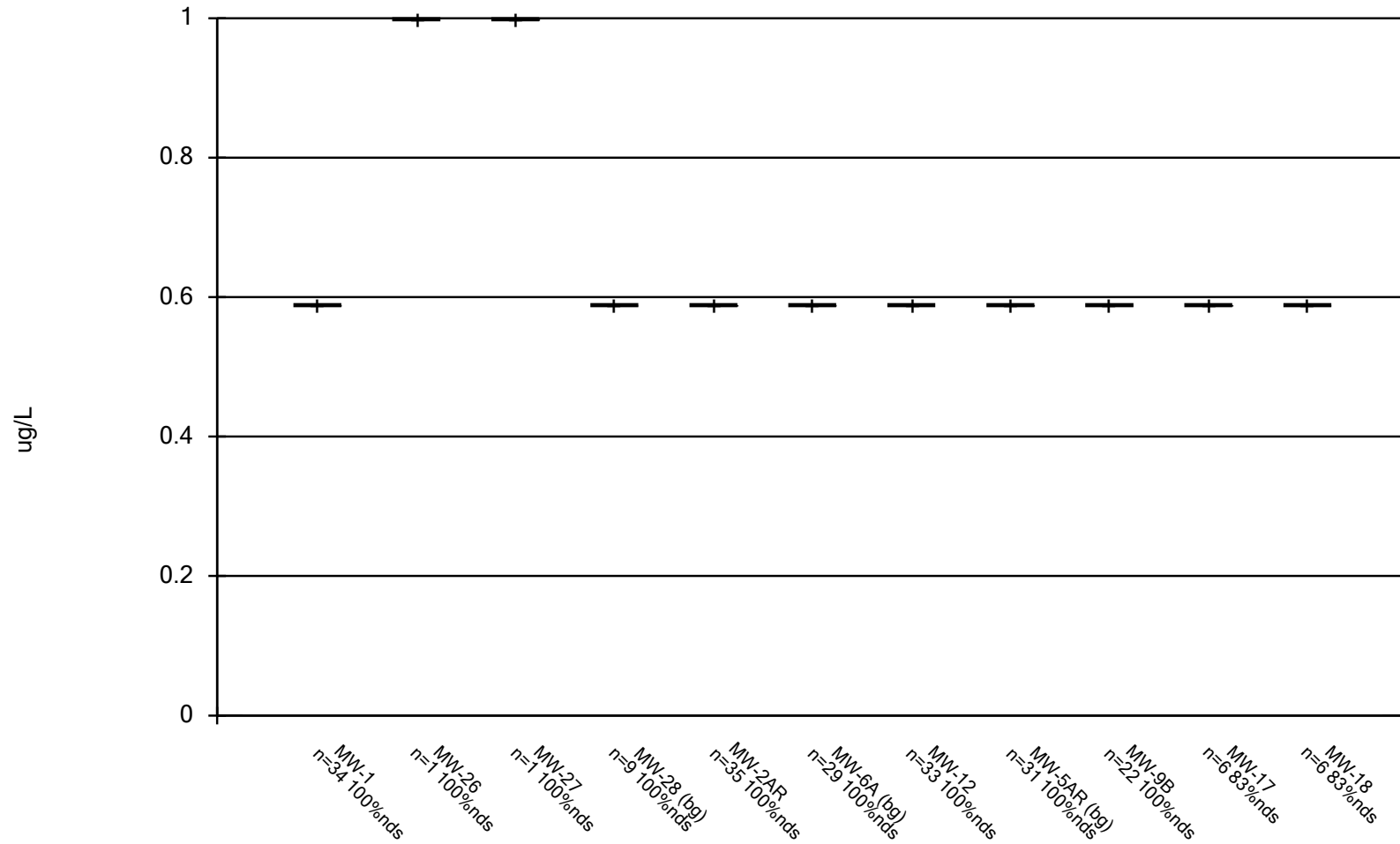
Constituent: 1,1-Dichloroethene Analysis Run 6/11/2025 4:36 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



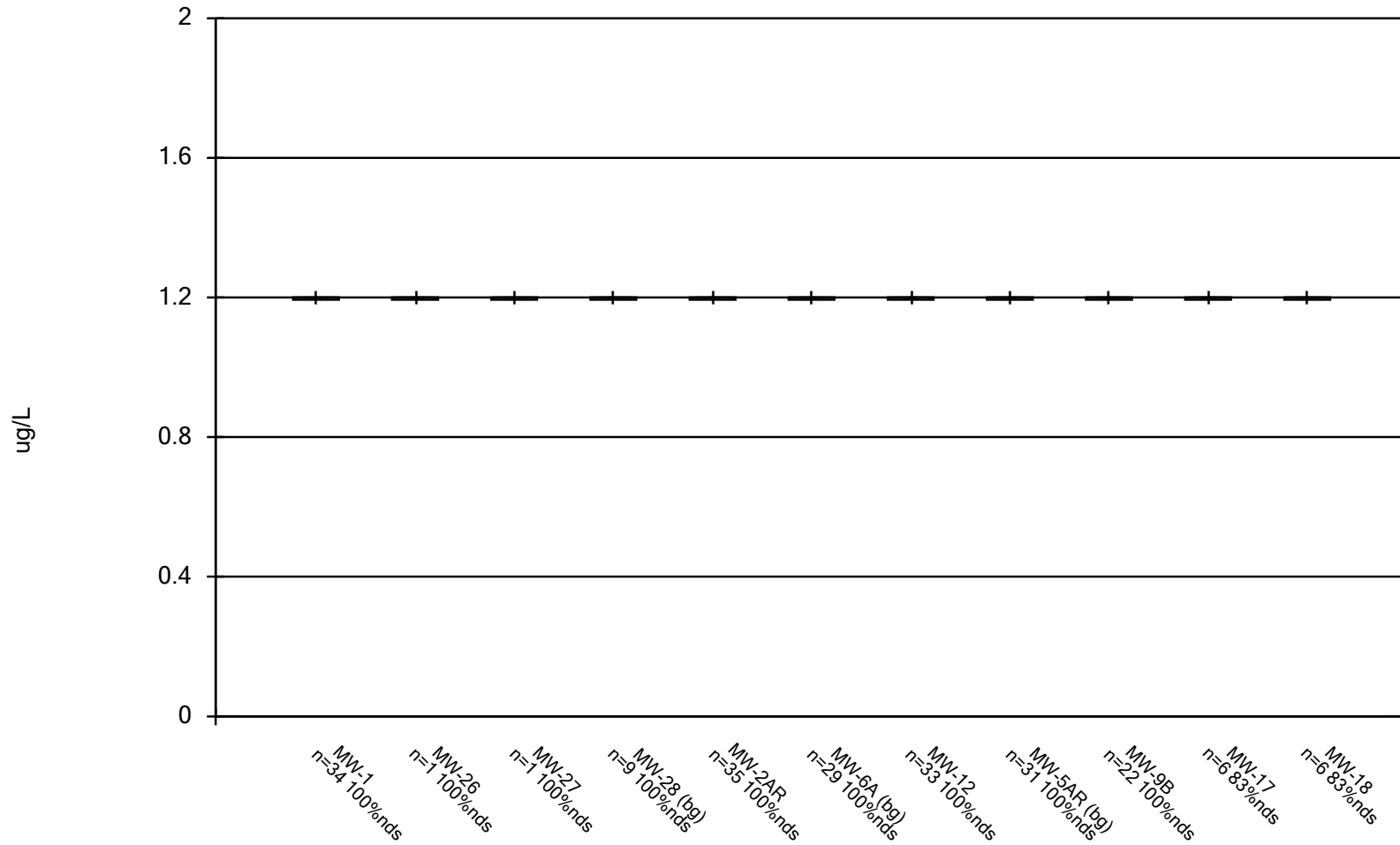
Constituent: 1,1-Dichloropropene Analysis Run 6/11/2025 4:36 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



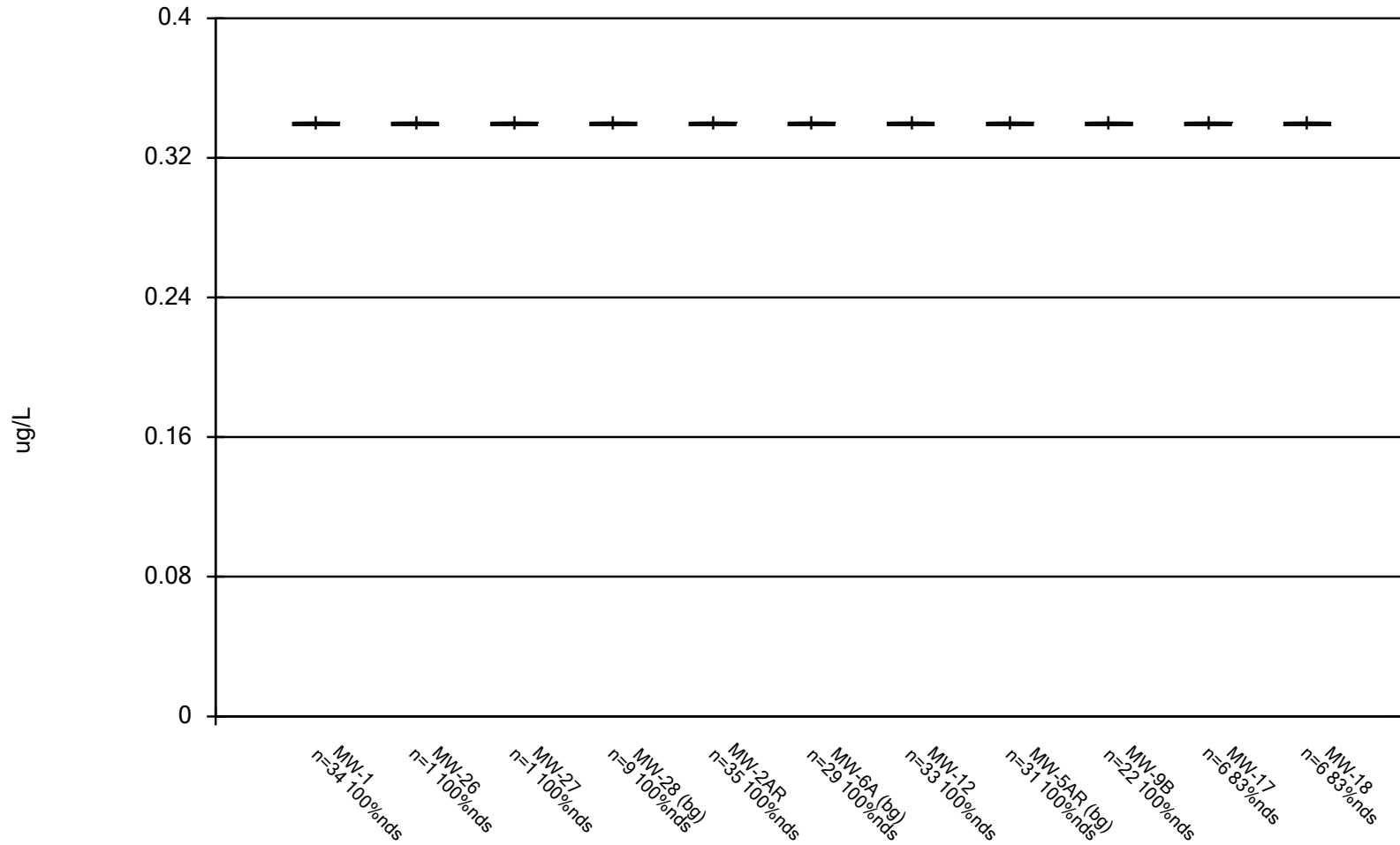
Constituent: 1,2,3-Trichloropropane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

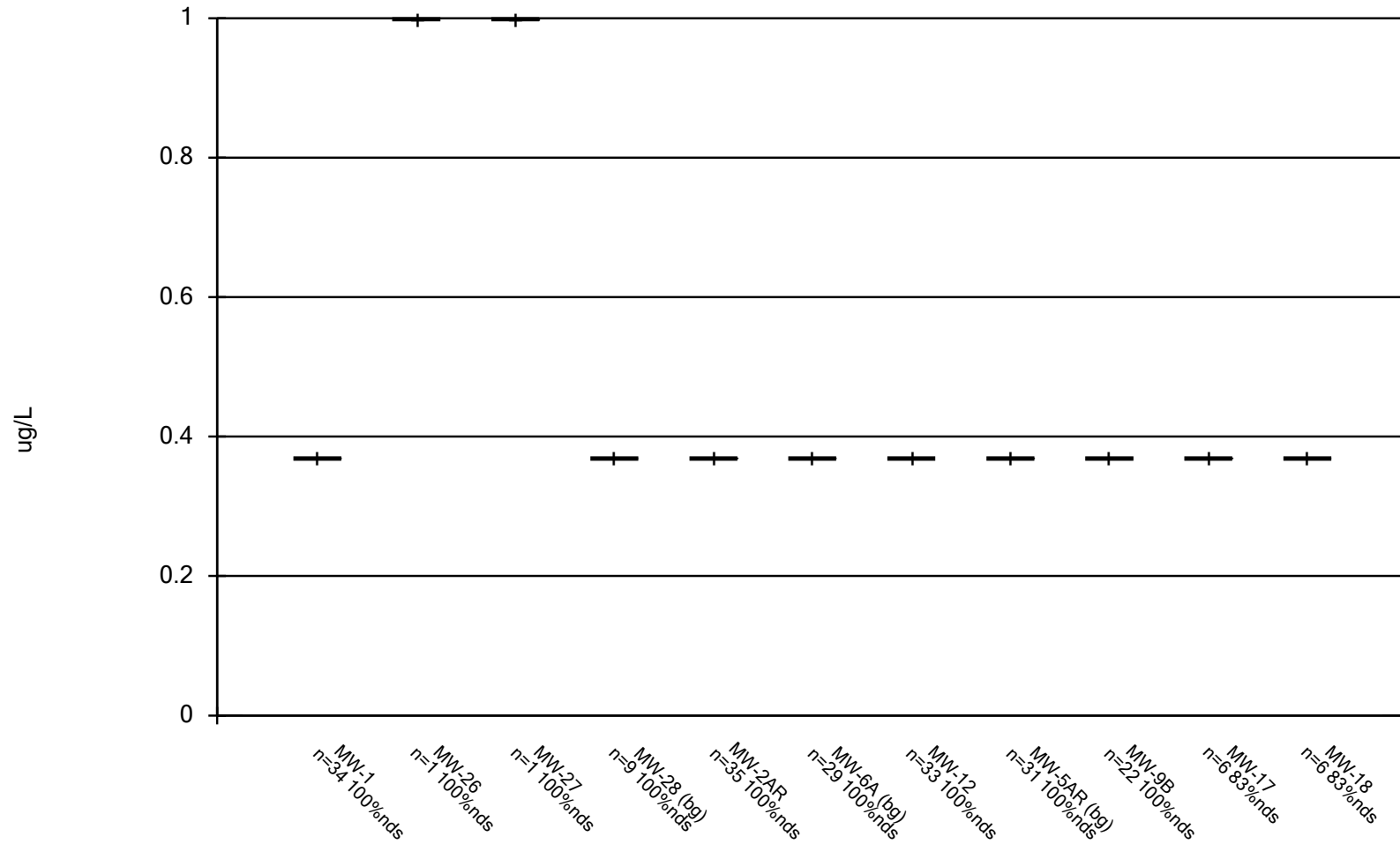
Box & Whiskers Plot



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/11/2025 4:37 PM View: Well Network Review

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

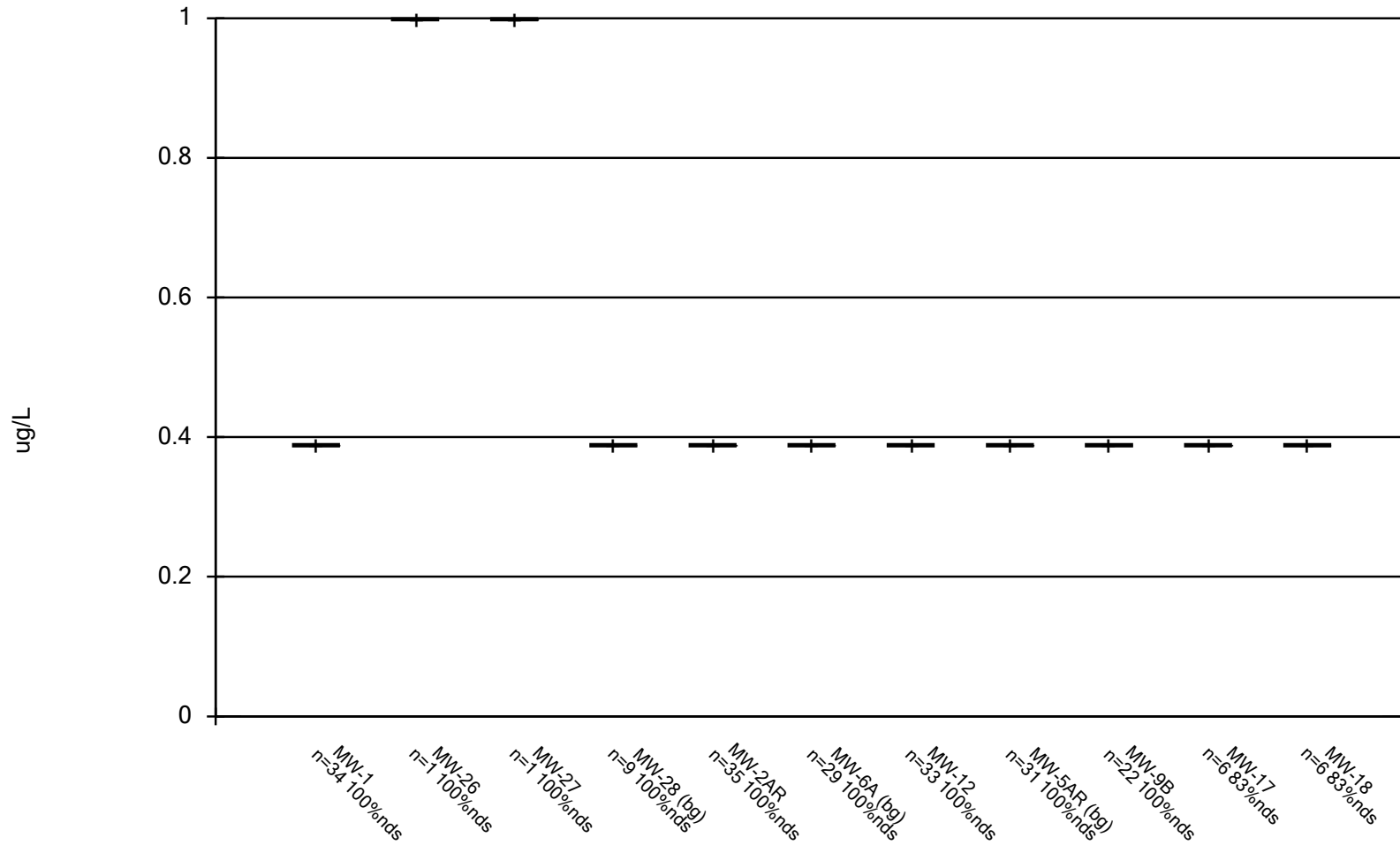
Box & Whiskers Plot



Constituent: 1,2-Dichlorobenzene Analysis Run 6/11/2025 4:37 PM View: Well Network Review

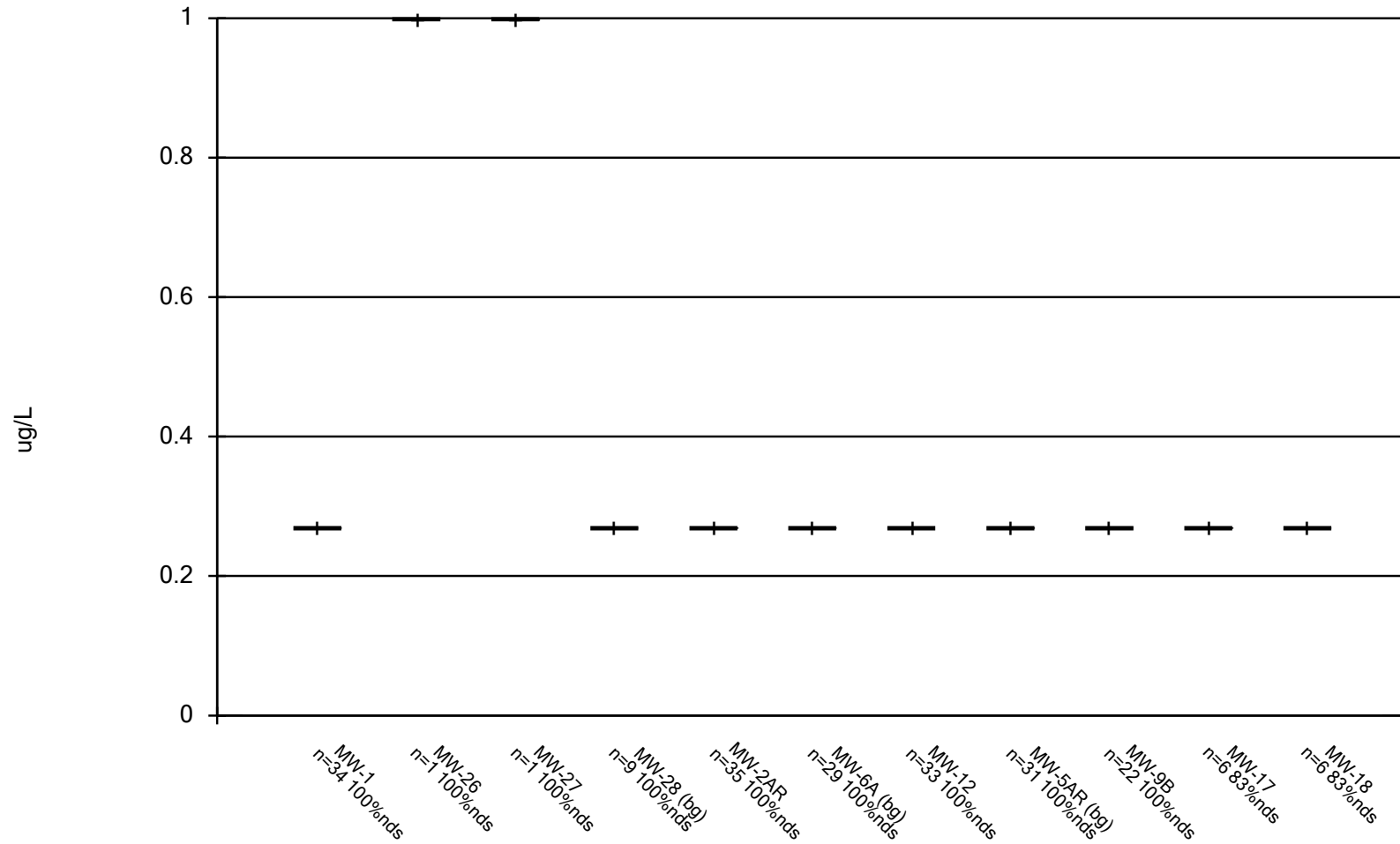
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



Constituent: 1,2-Dichloroethane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

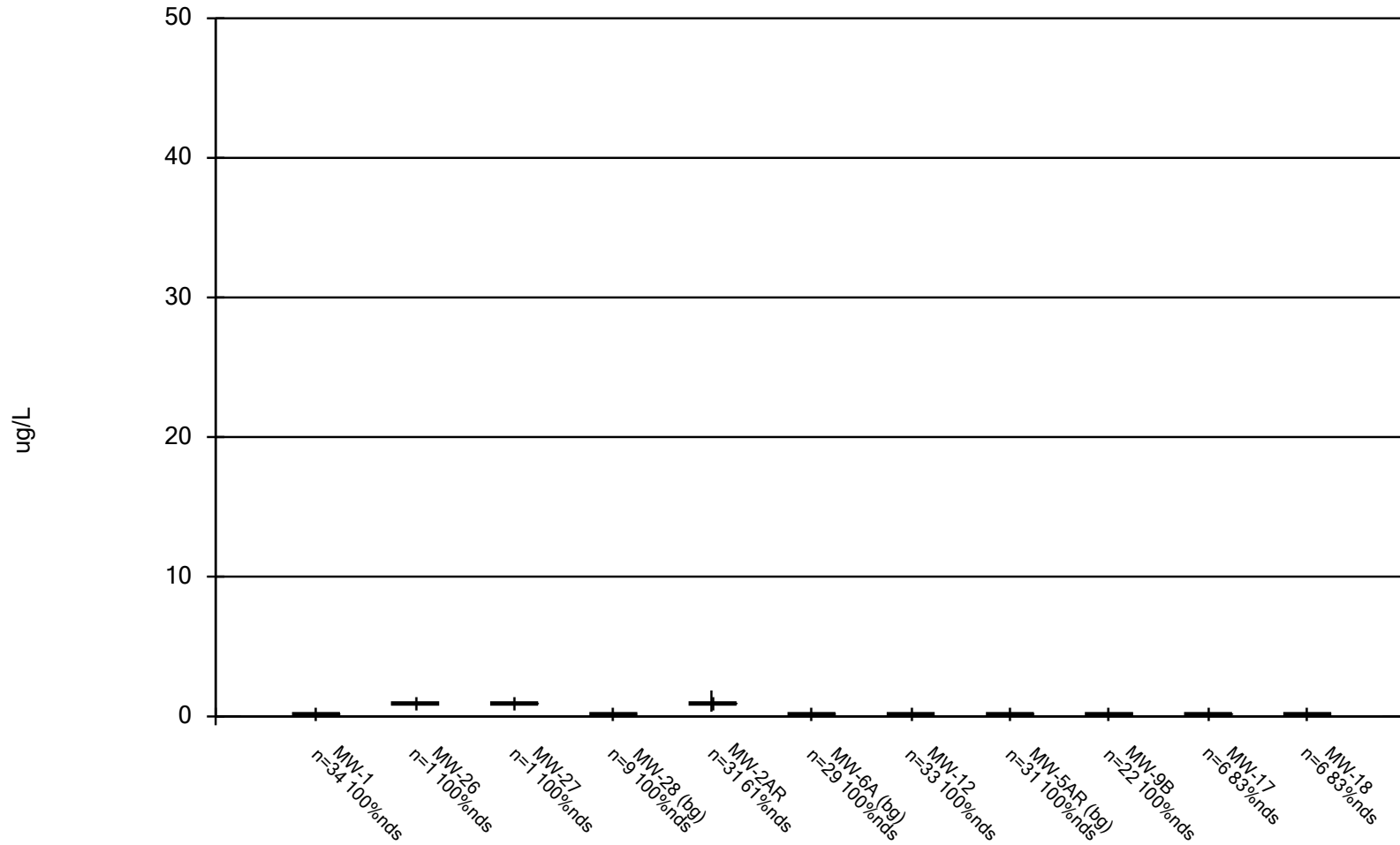
Box & Whiskers Plot



Constituent: 1,2-Dichloropropane Analysis Run 6/11/2025 4:37 PM View: Well Network Review

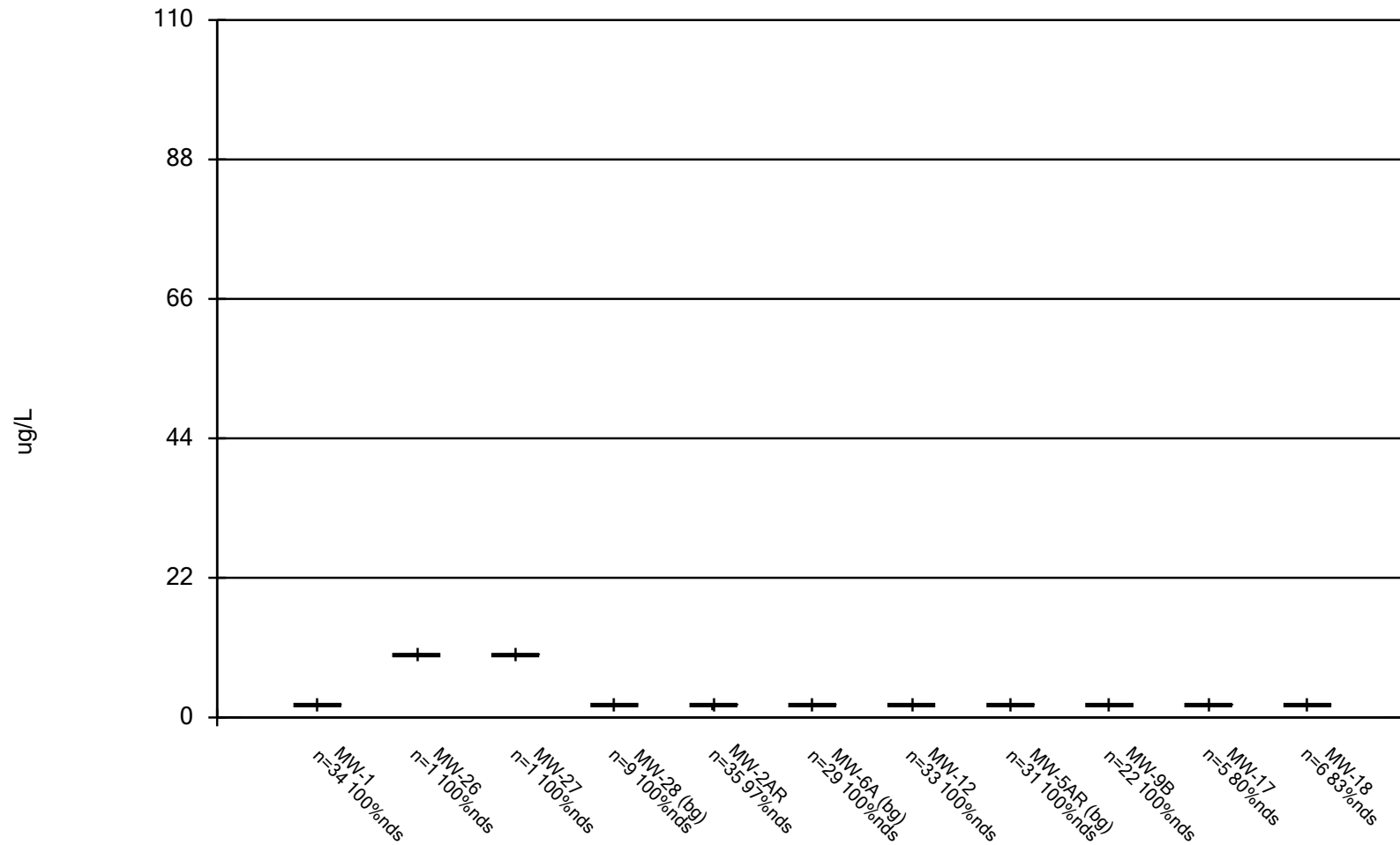
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



Constituent: 1,4-Dichlorobenzene Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

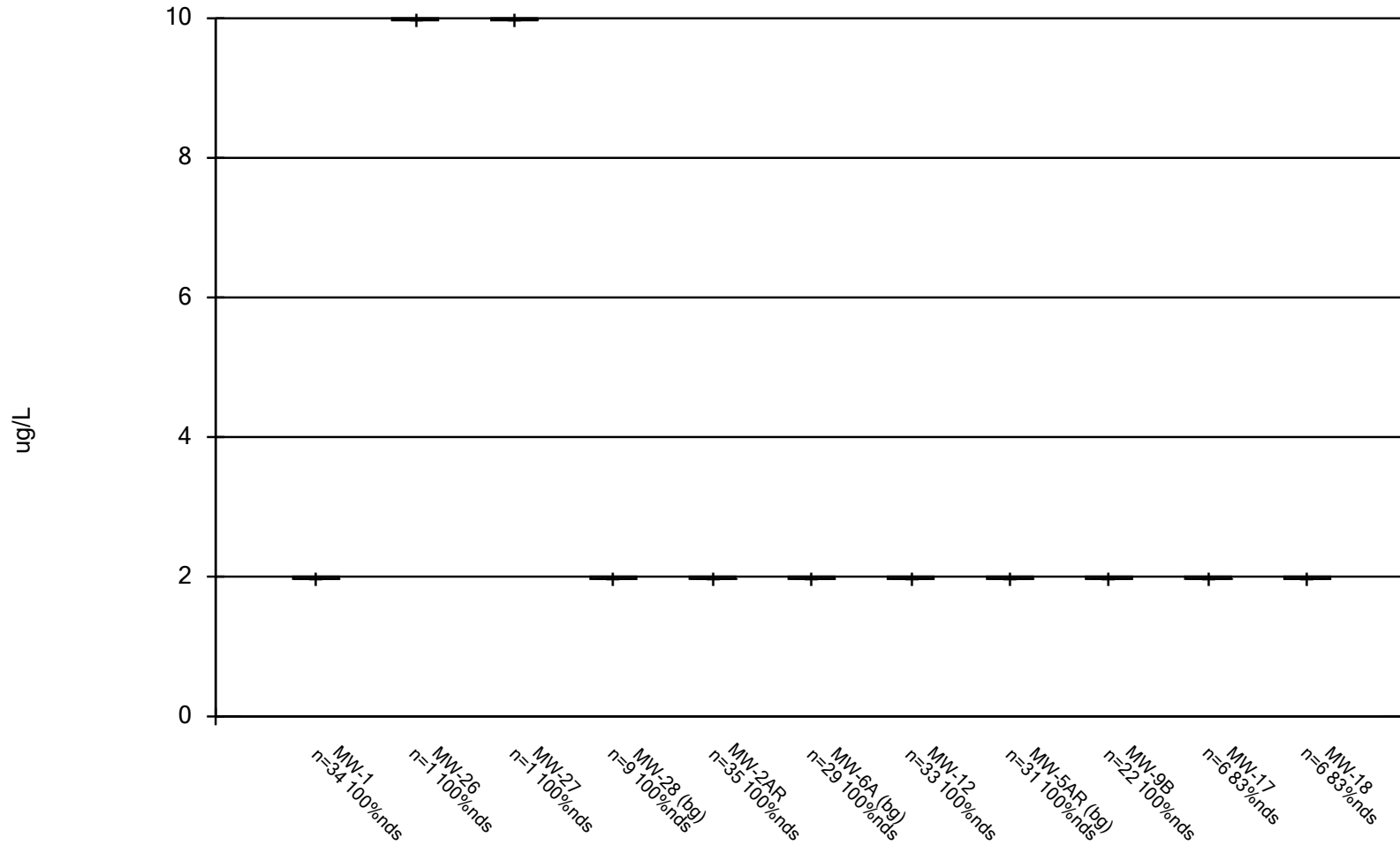
Box & Whiskers Plot



Constituent: 2-Butanone [MEK] Analysis Run 6/11/2025 4:37 PM View: Well Network Review

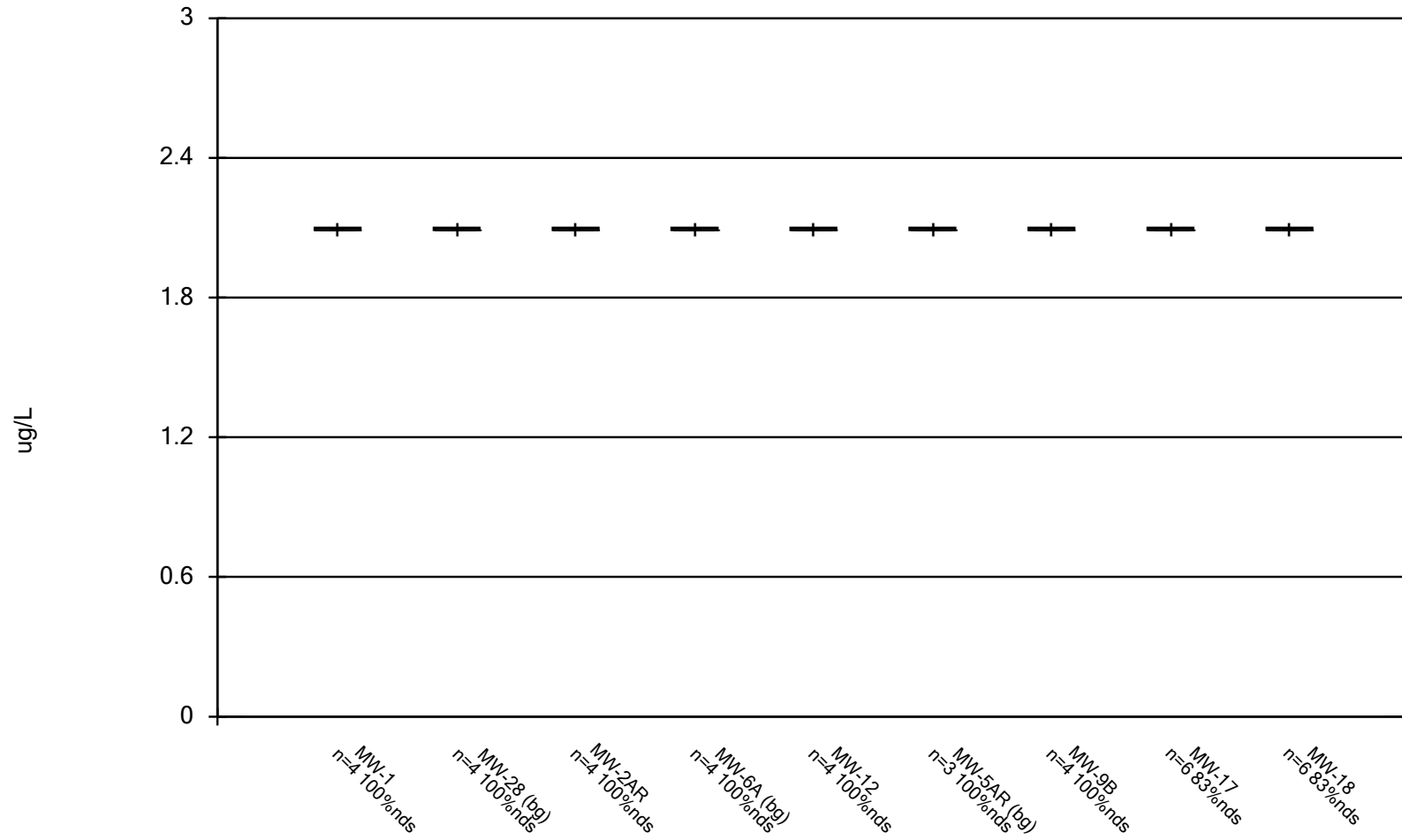
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



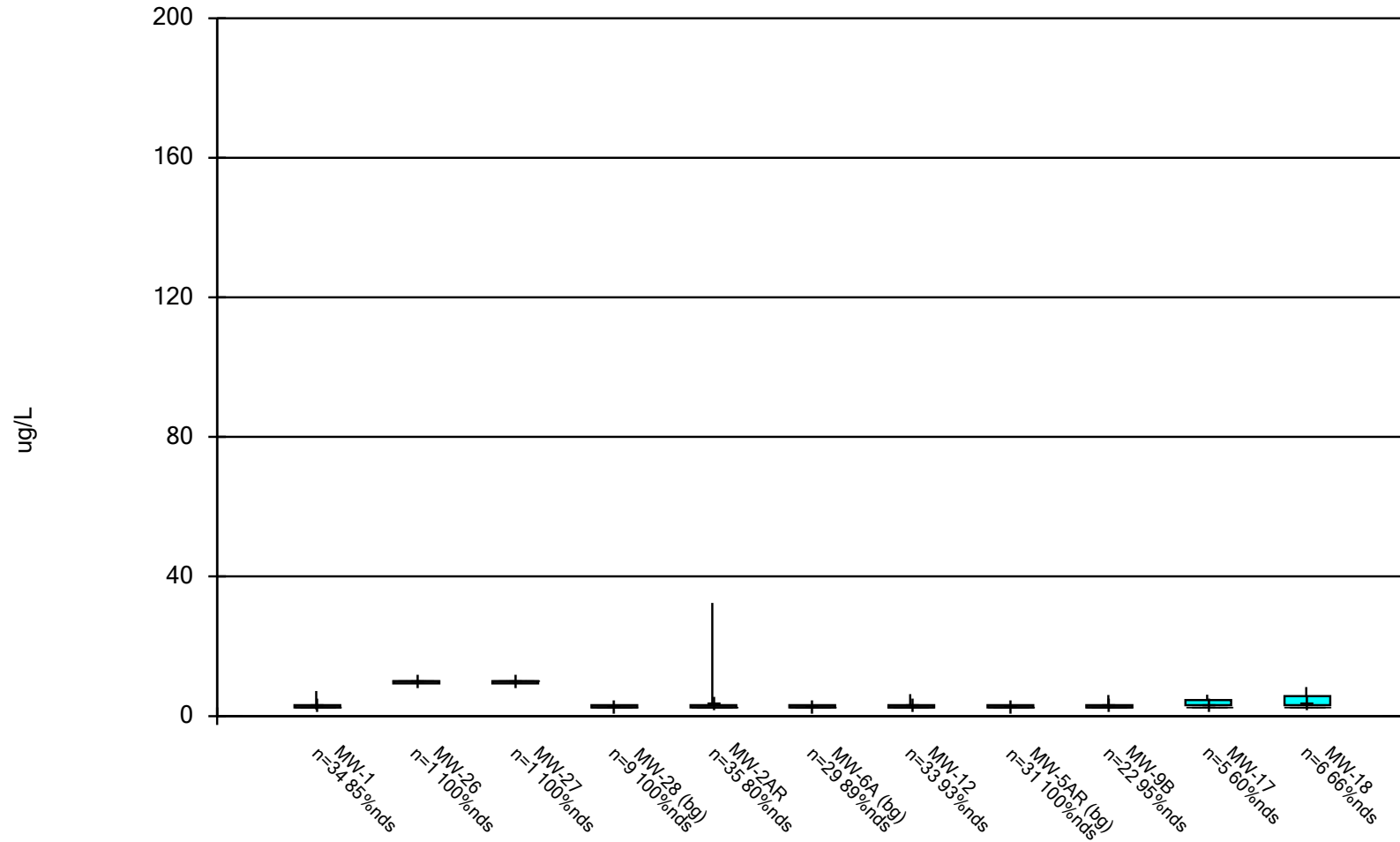
Constituent: 2-Hexanone Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



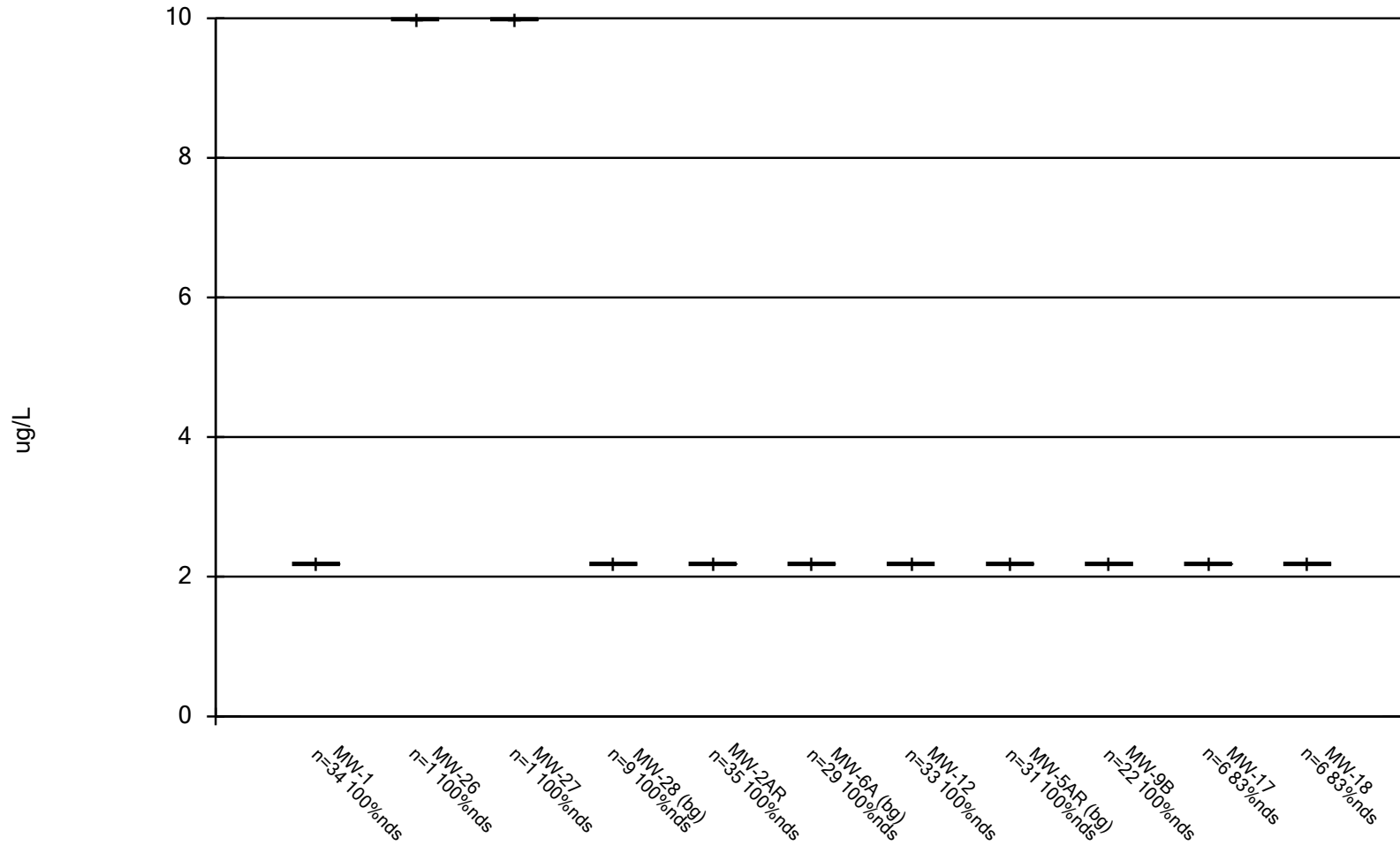
Constituent: 4-Methyl-2-Pentanone Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



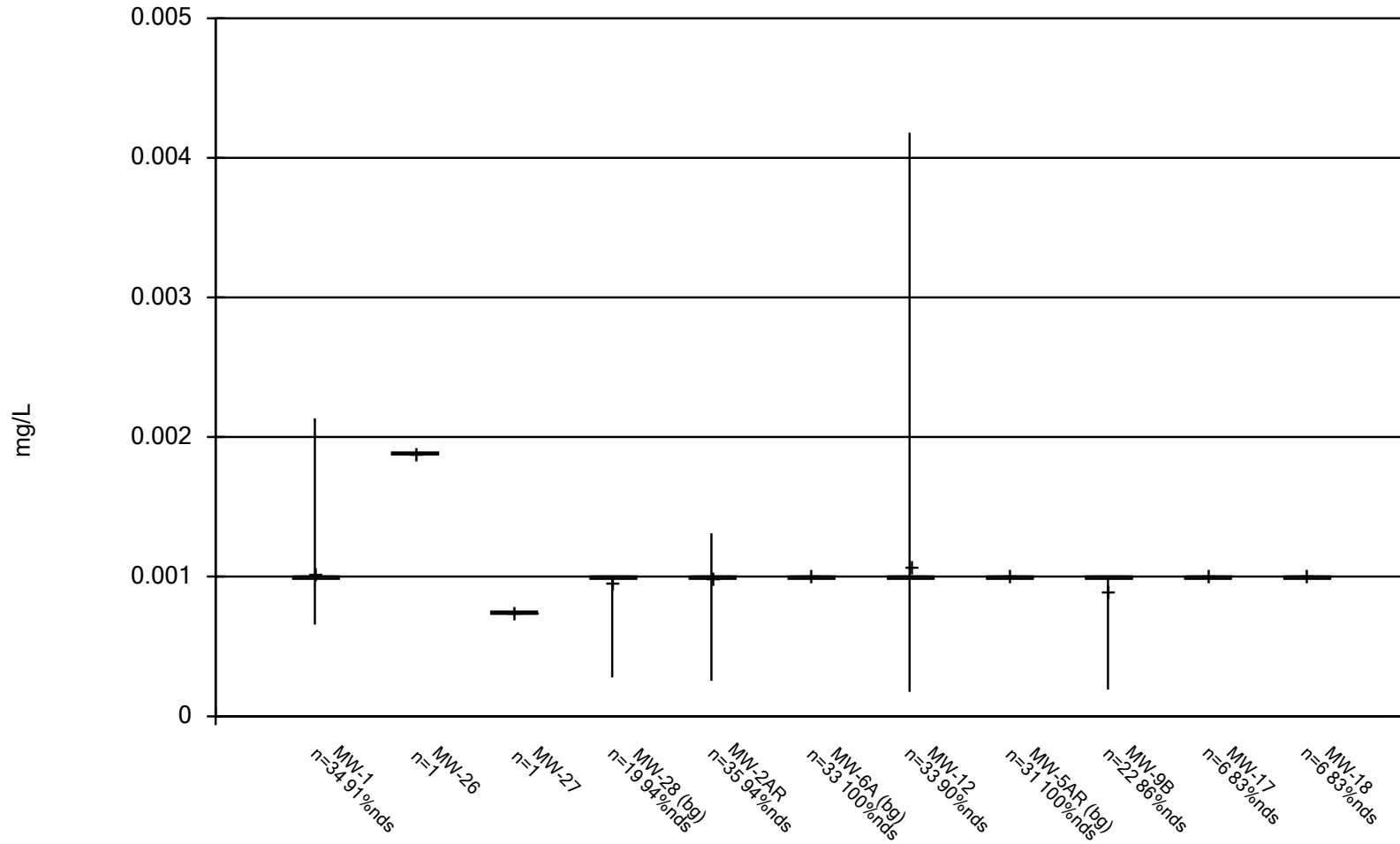
Constituent: Acetone Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



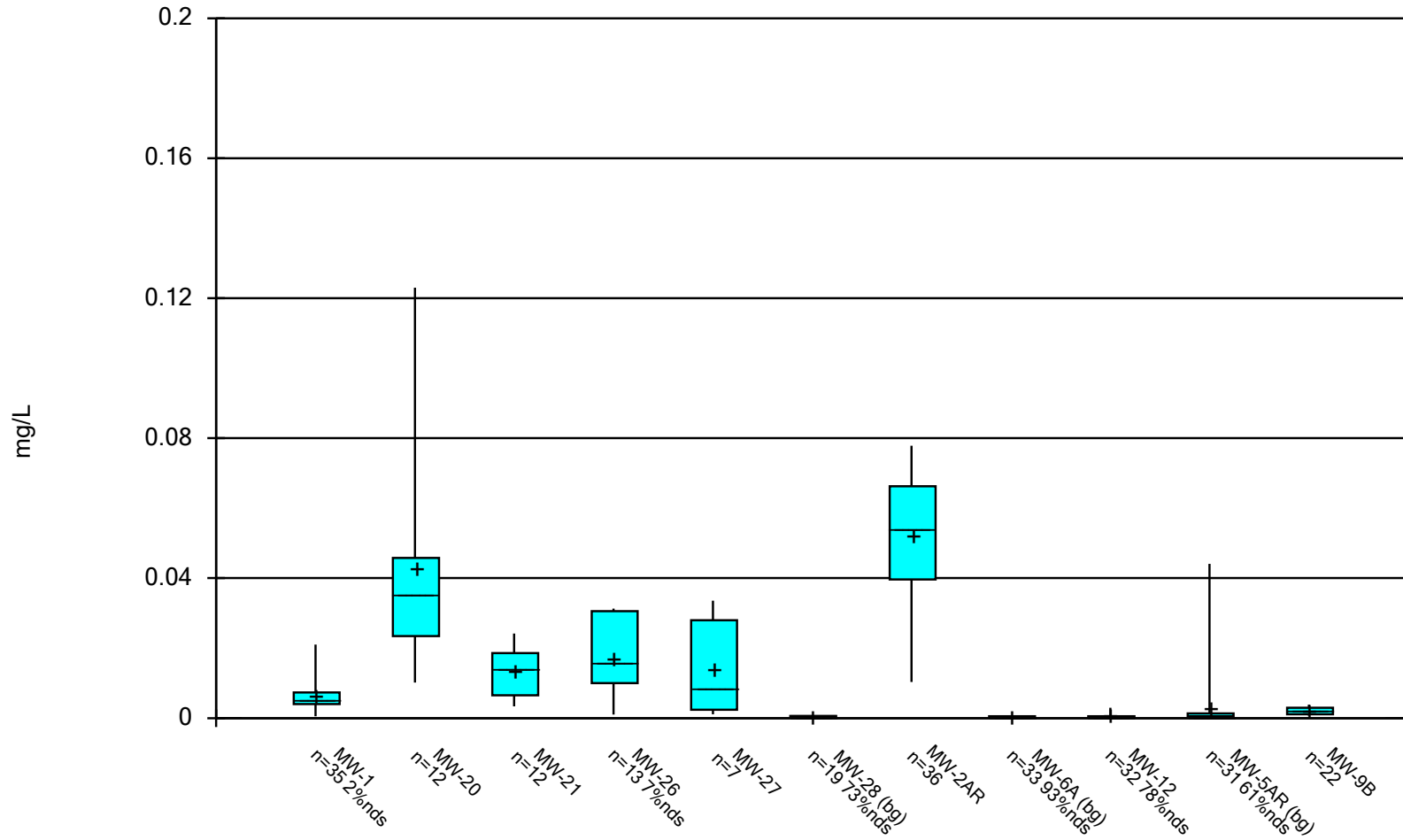
Constituent: Acrylonitrile Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



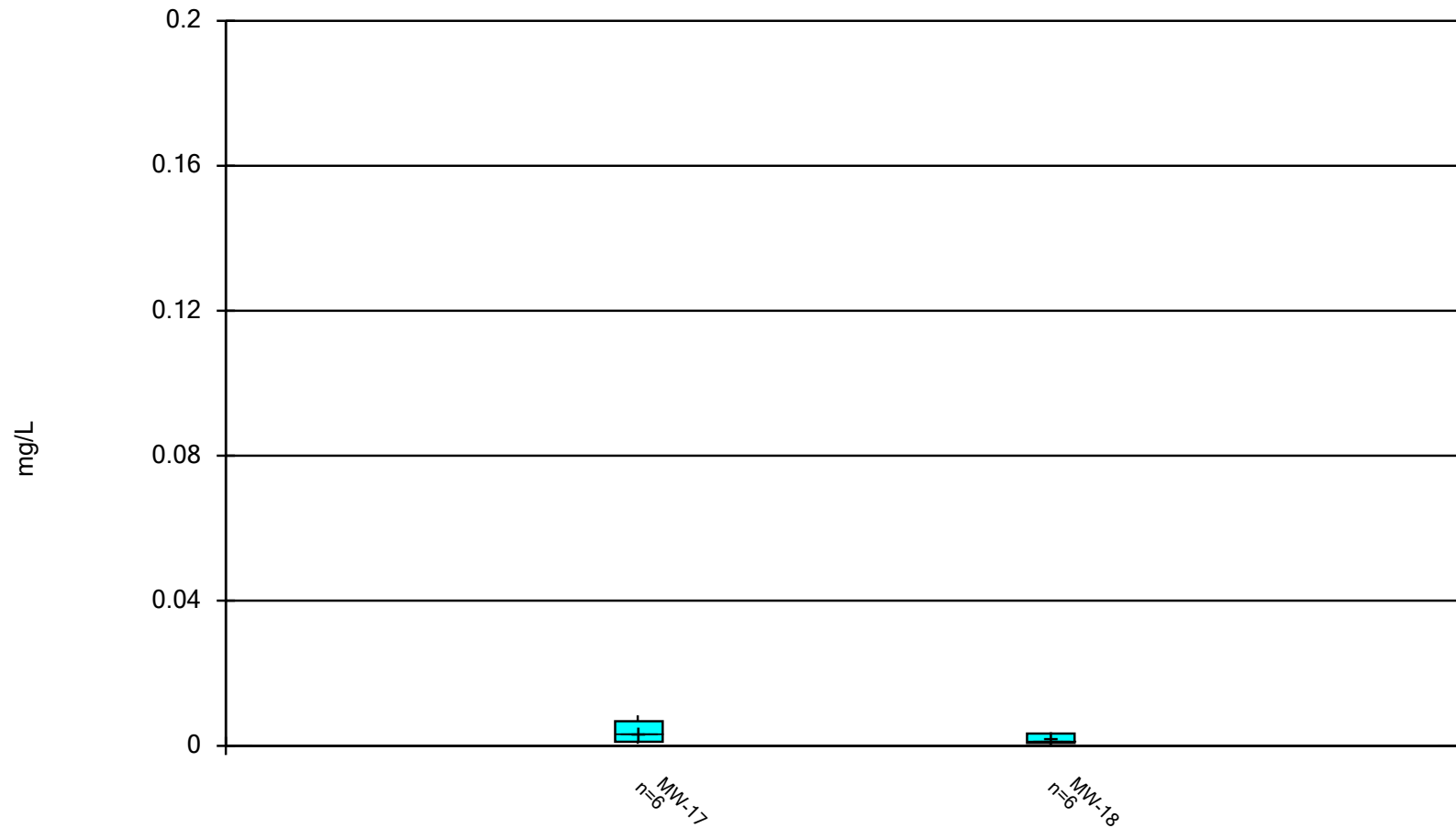
Constituent: Antimony Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



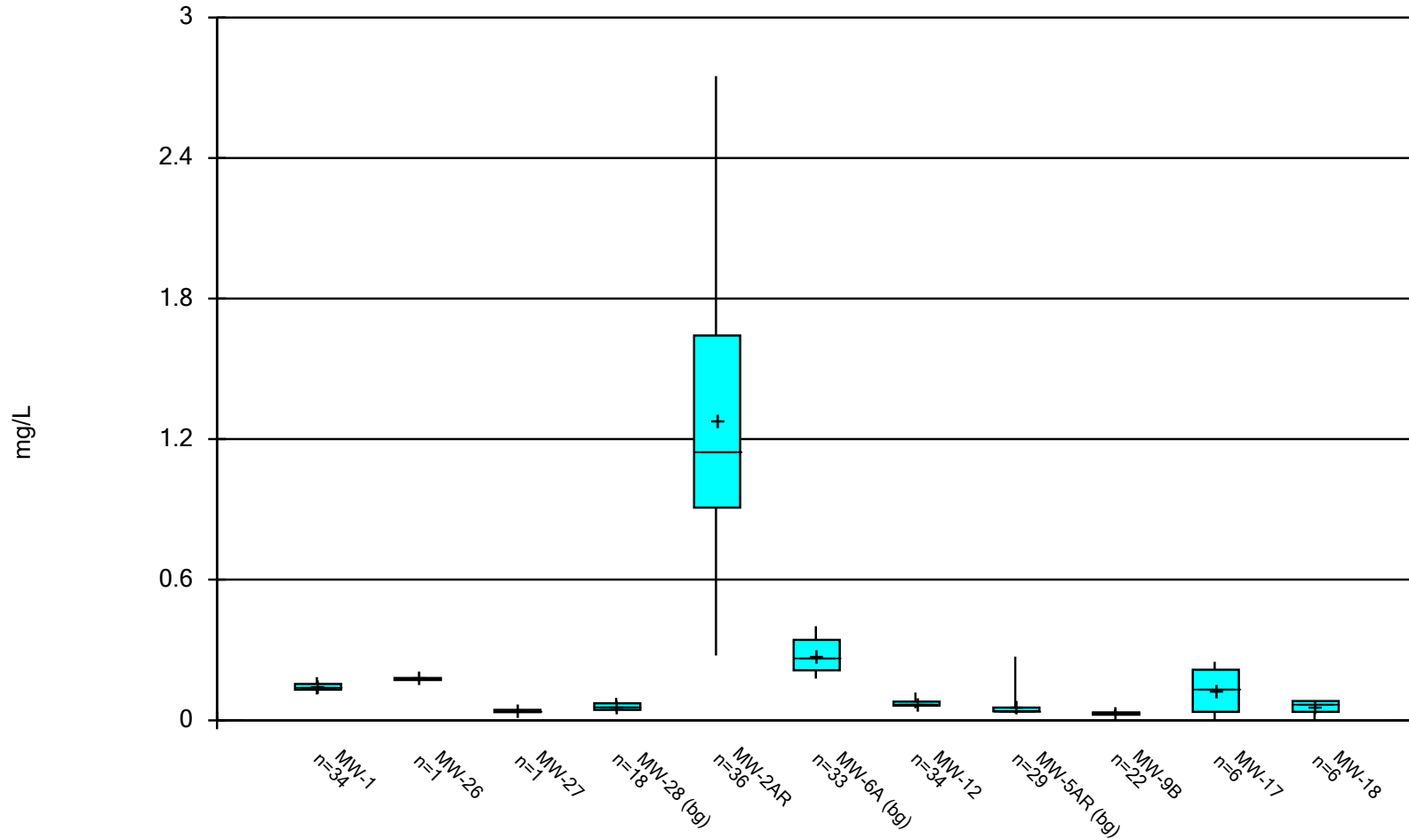
Constituent: Arsenic Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



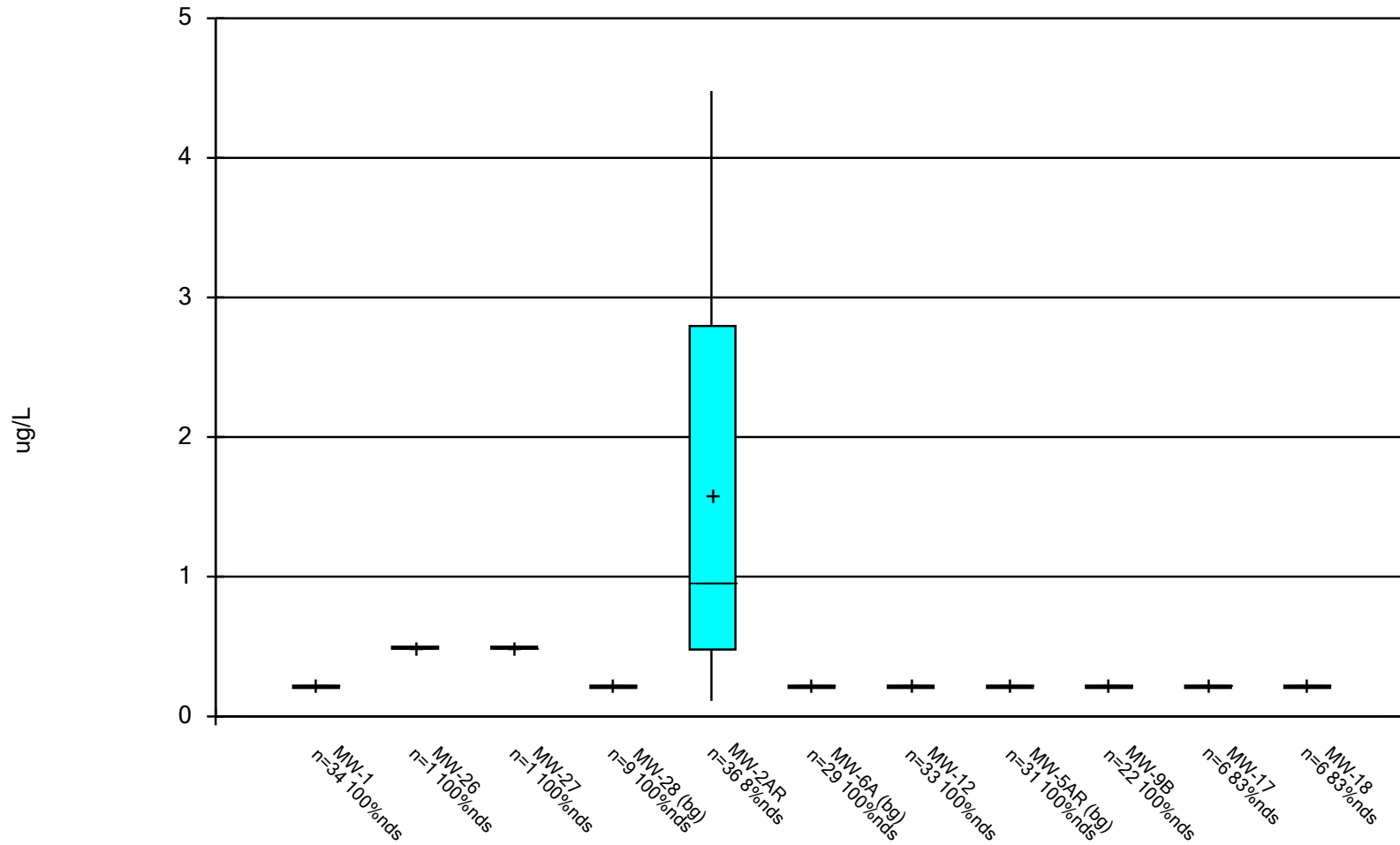
Constituent: Arsenic Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



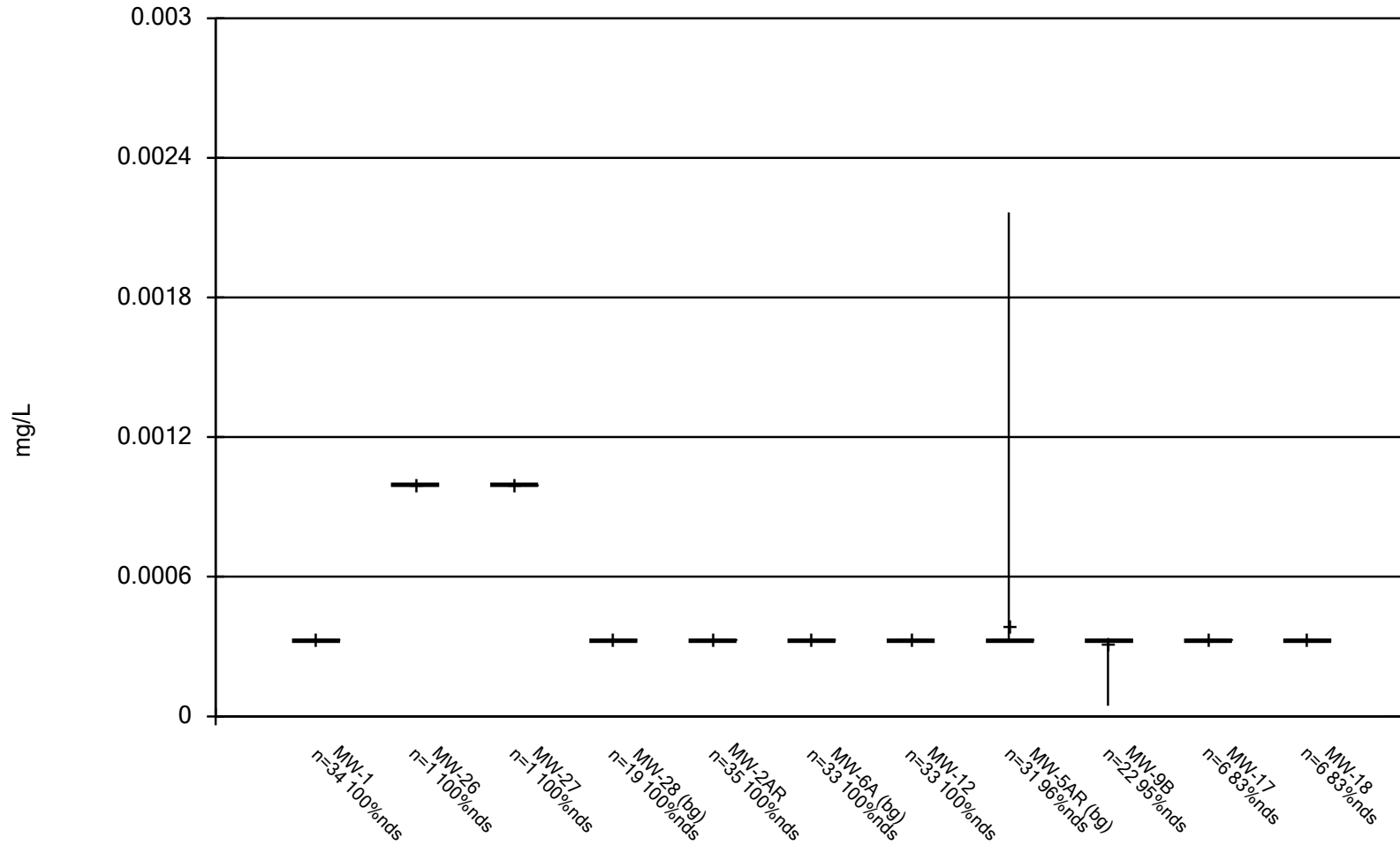
Constituent: Barium Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



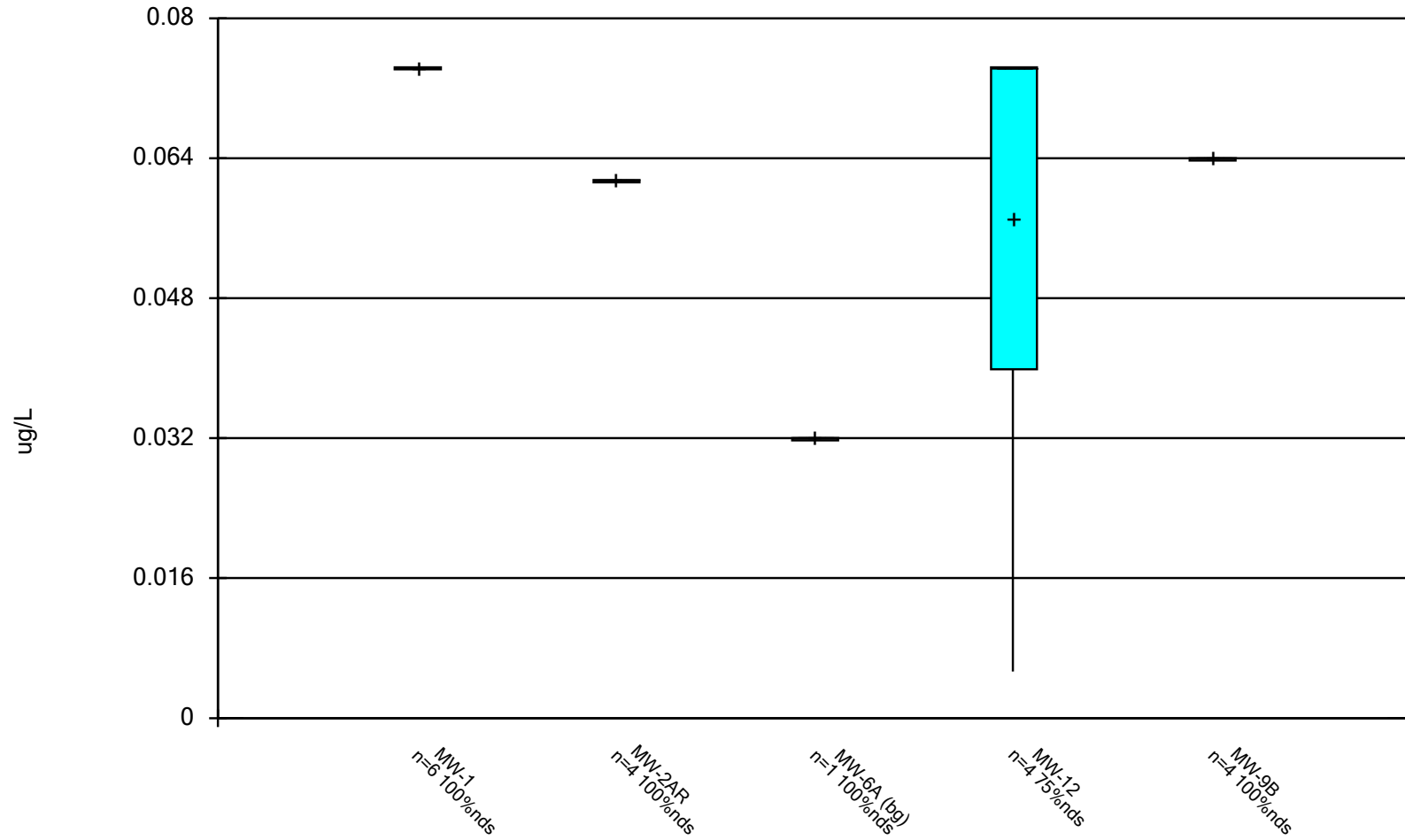
Constituent: Benzene Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



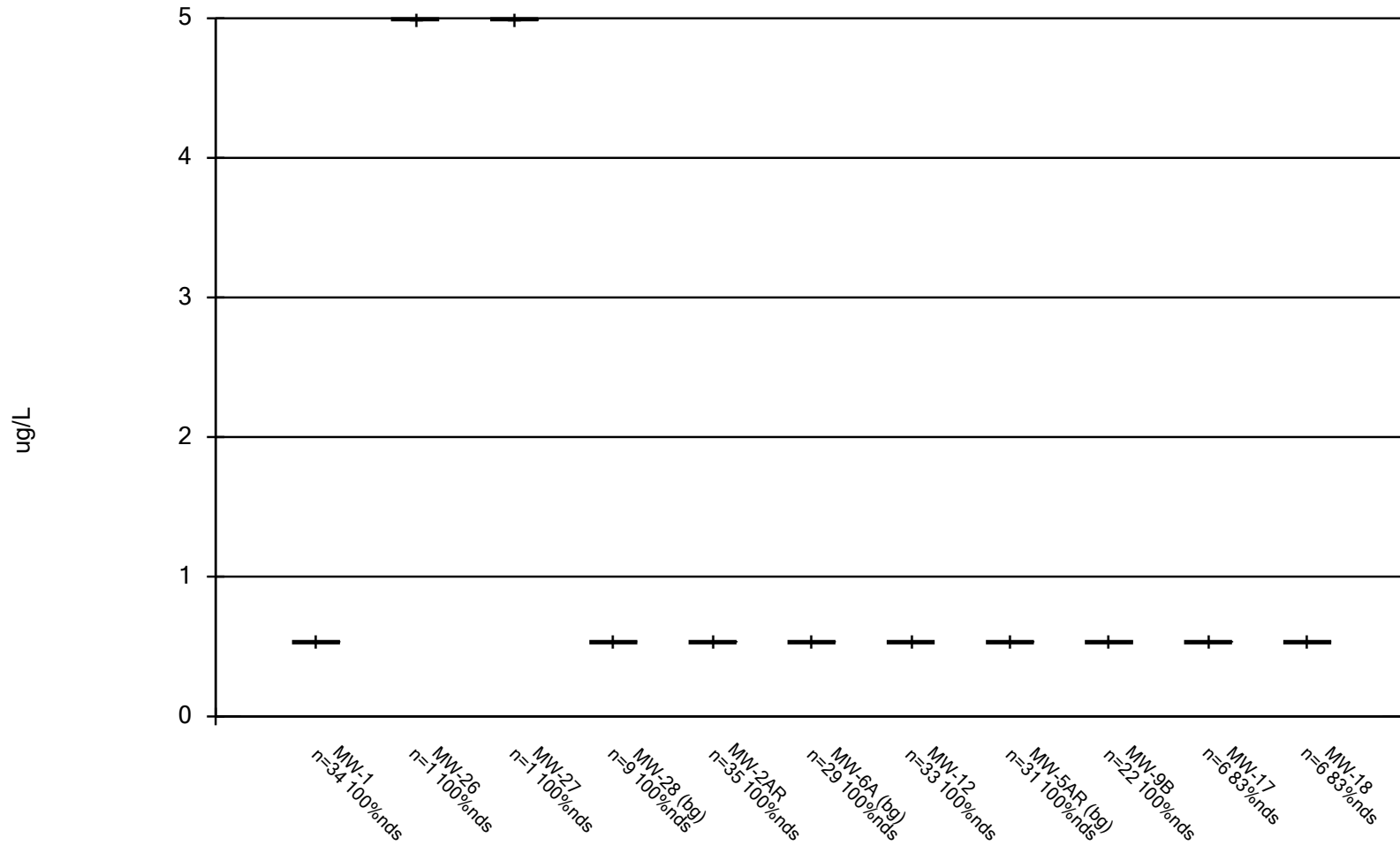
Constituent: Beryllium Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



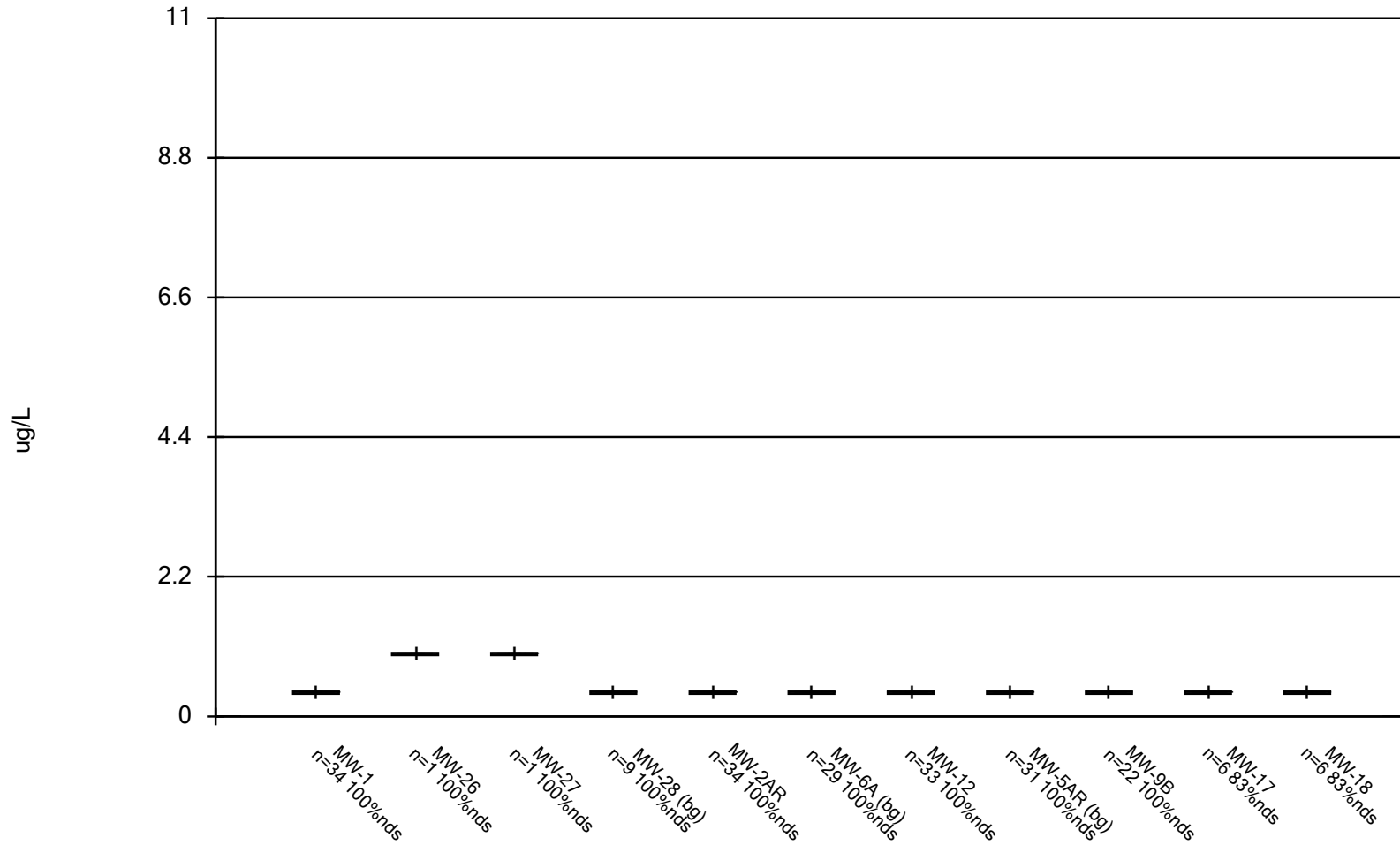
Constituent: beta-BHC Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



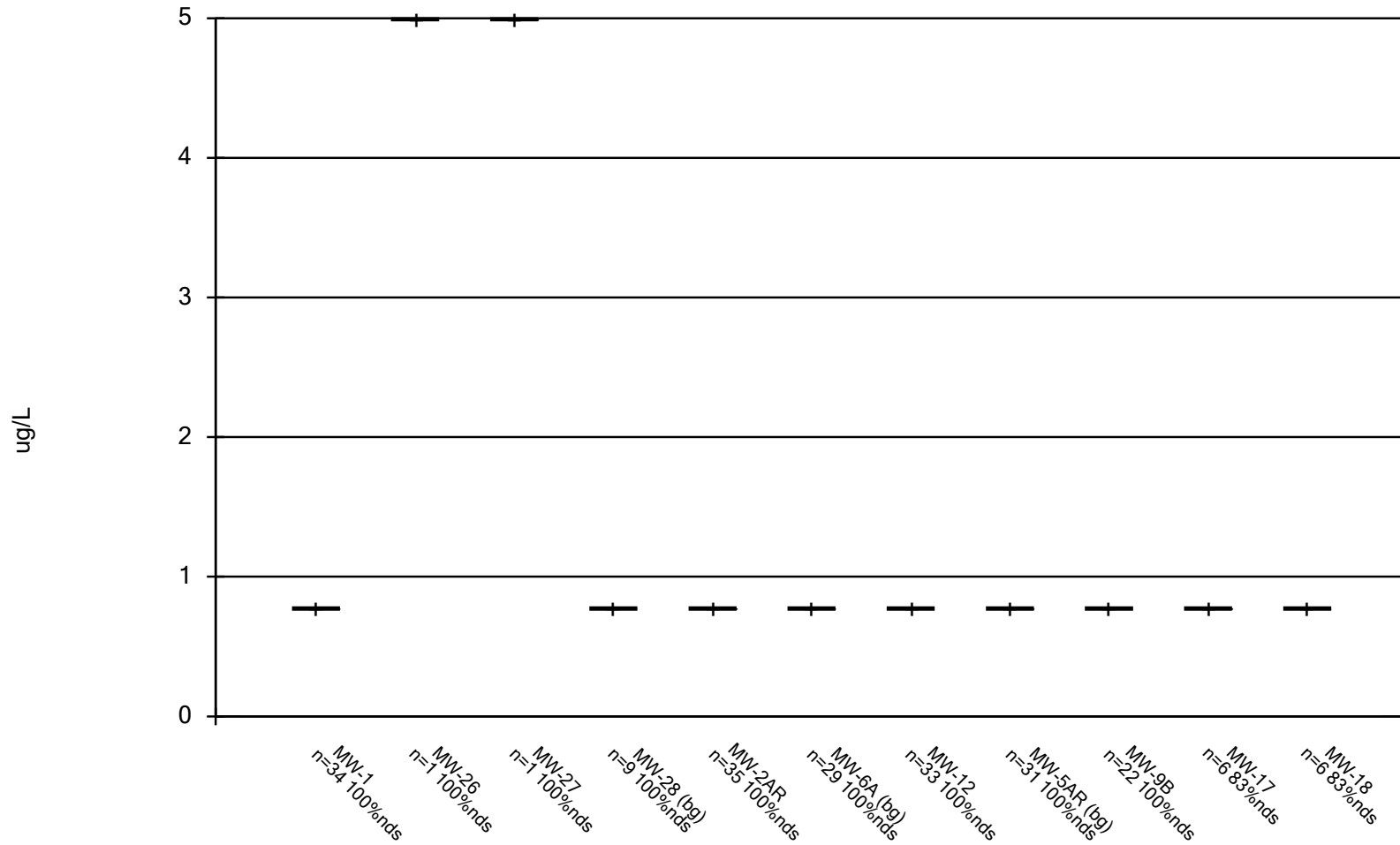
Constituent: Bromochloromethane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



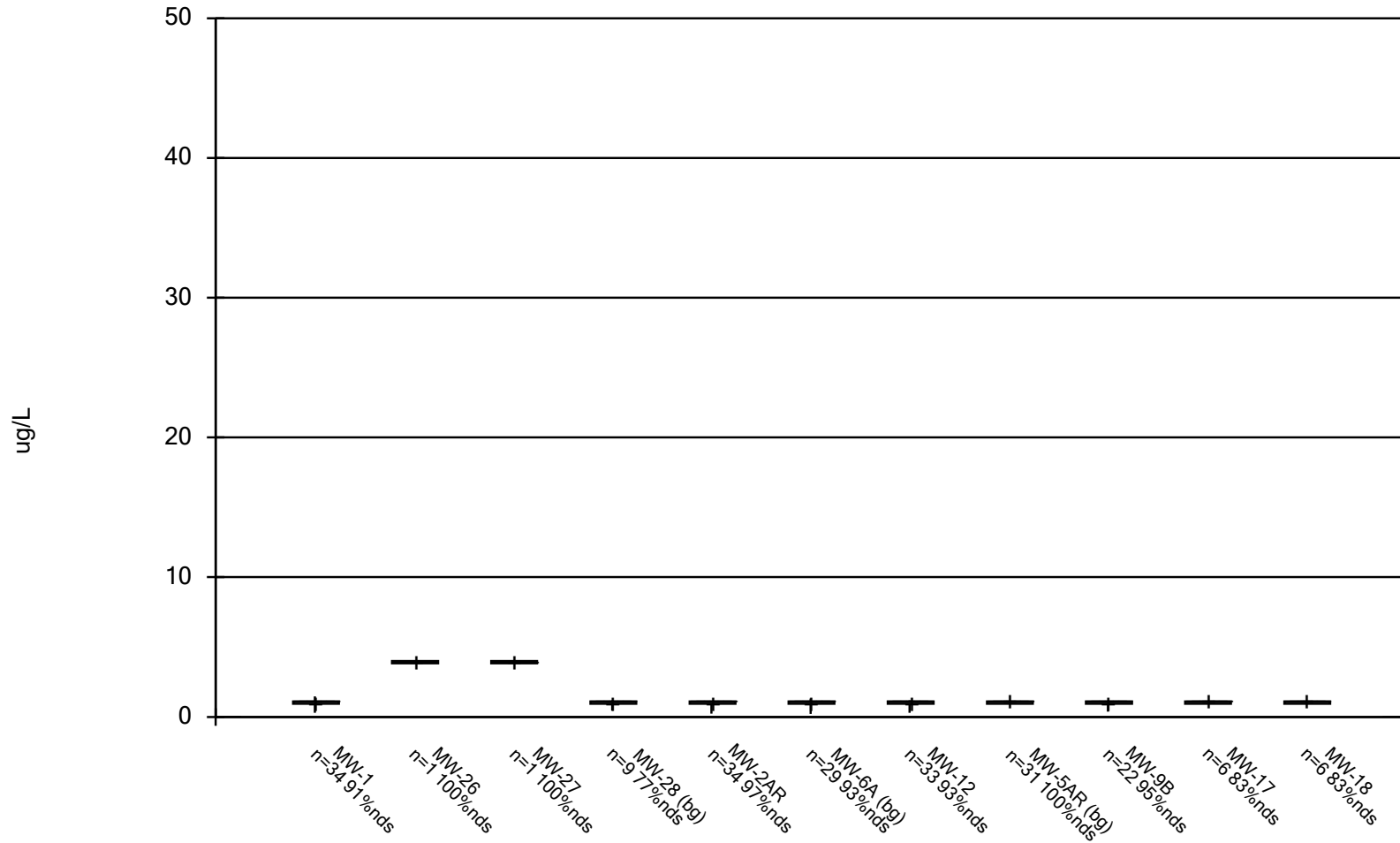
Constituent: Bromodichloromethane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



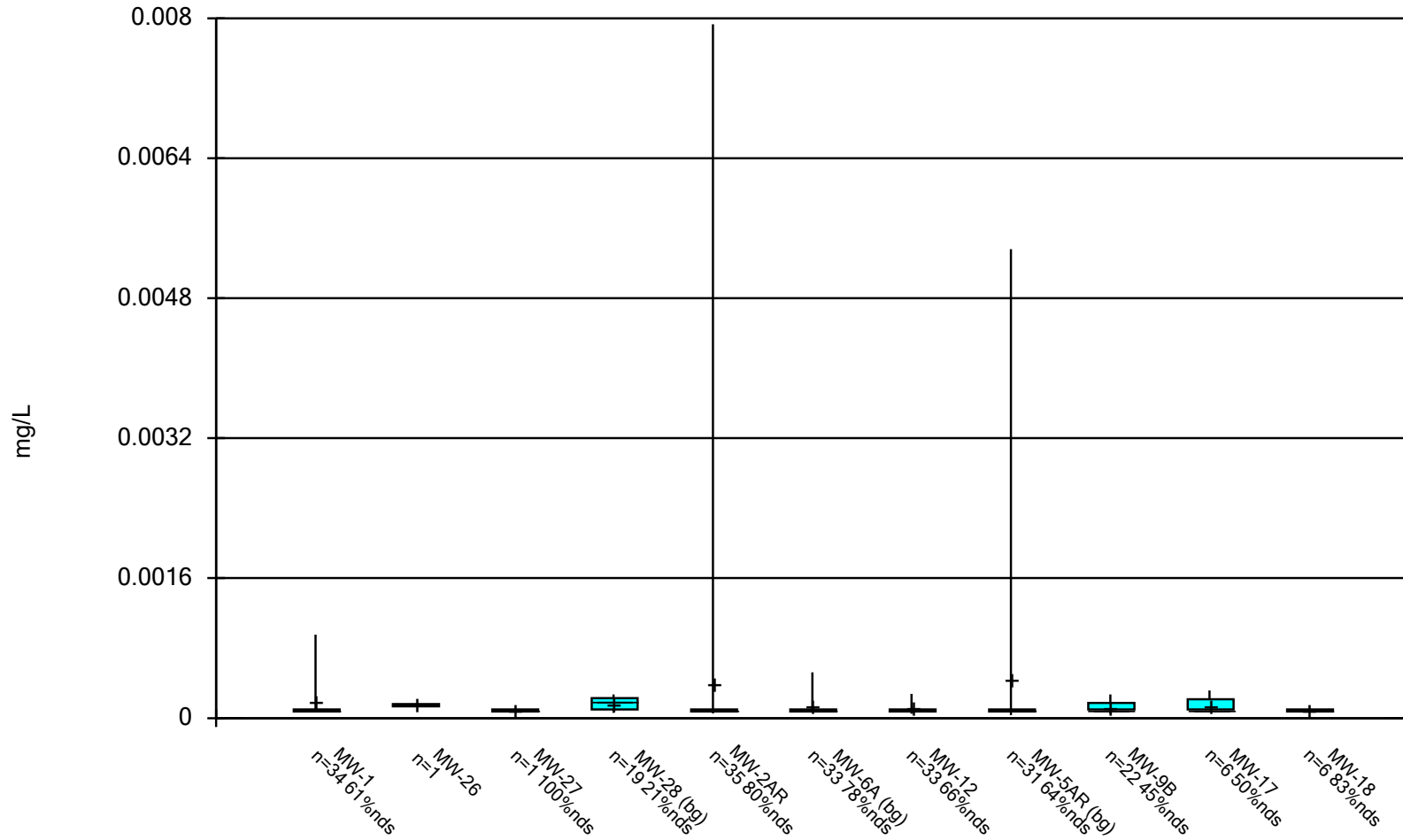
Constituent: Bromoform Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



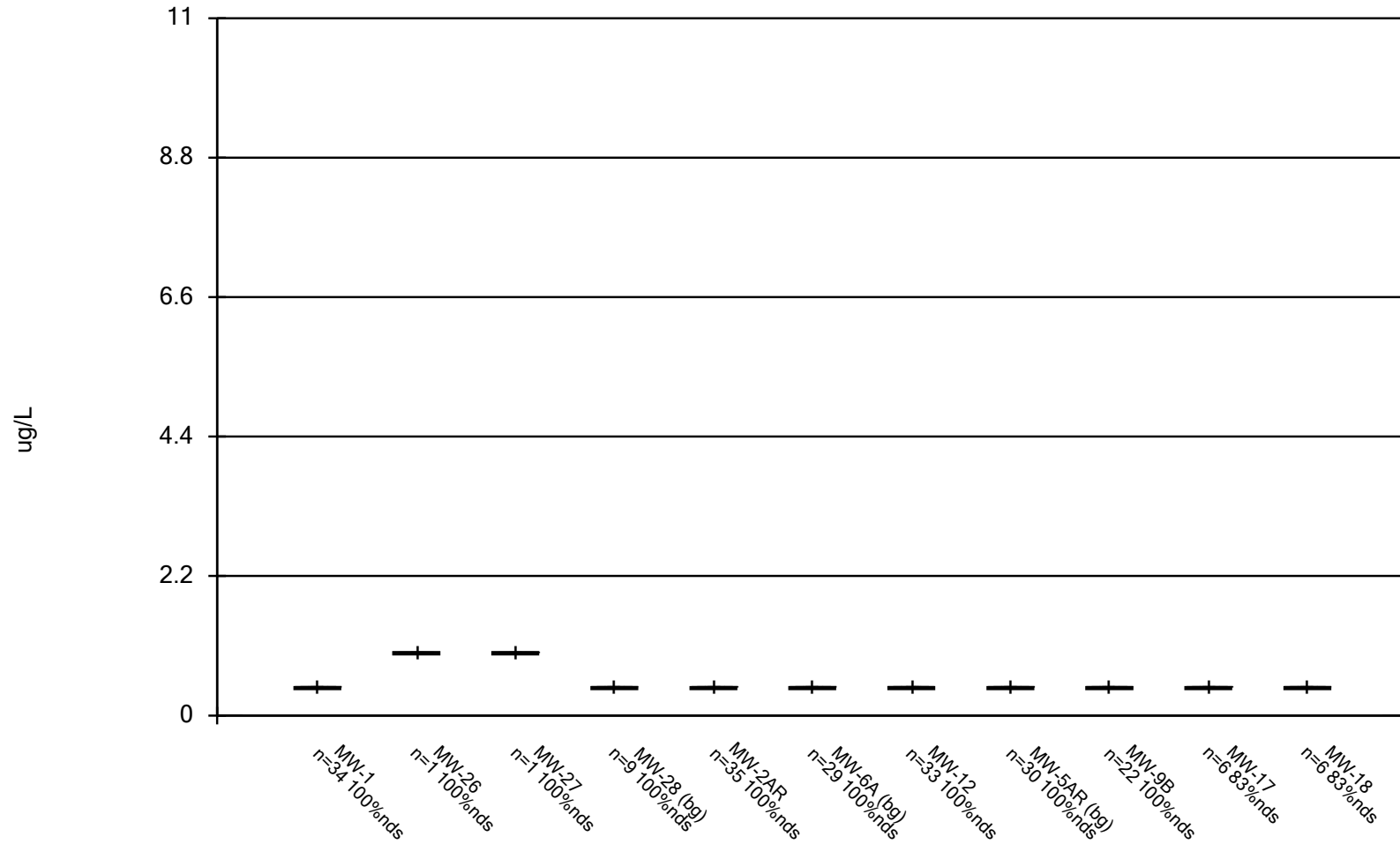
Constituent: Bromomethane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



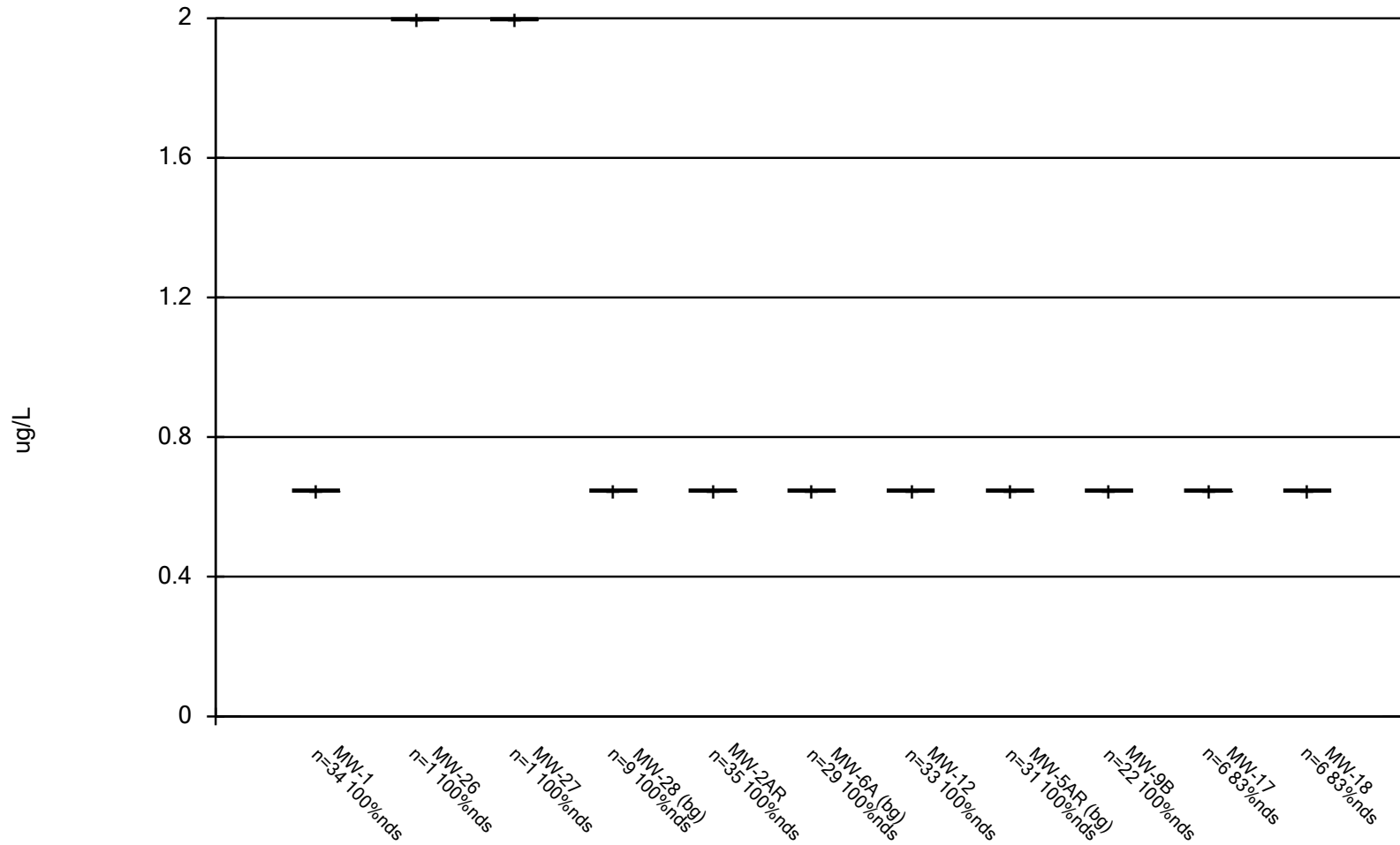
Constituent: Cadmium Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



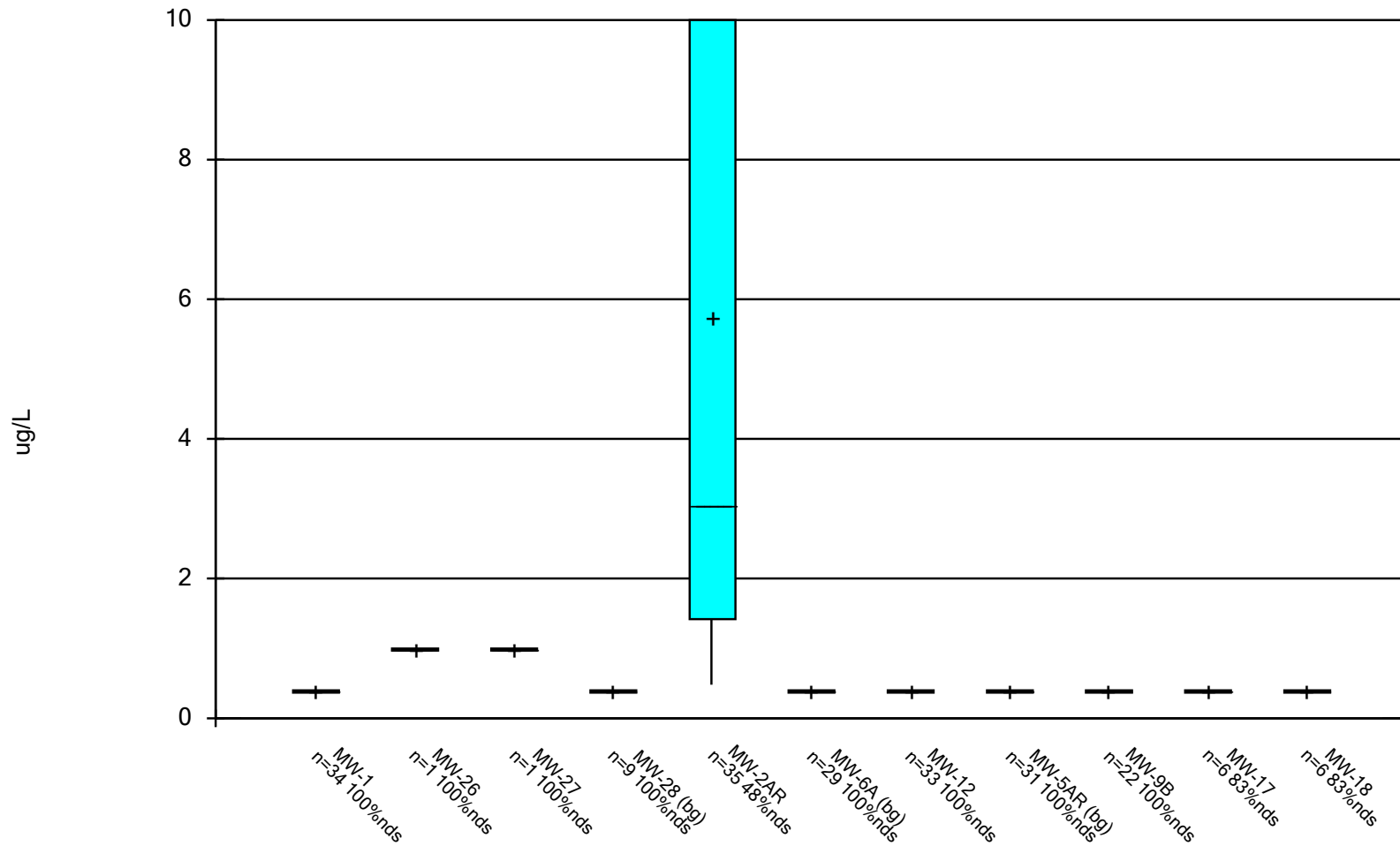
Constituent: Carbon disulfide Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



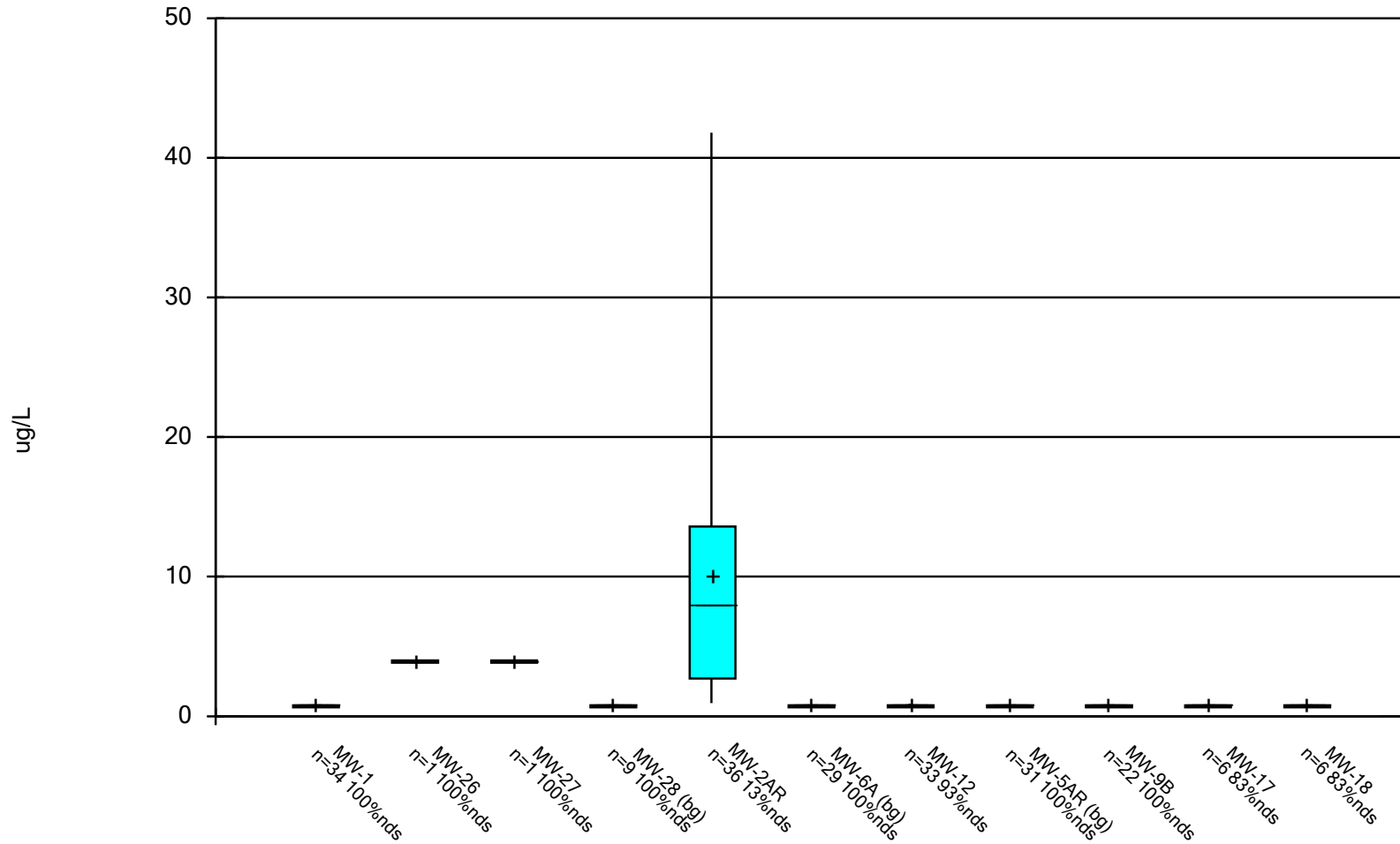
Constituent: Carbon Tetrachloride Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



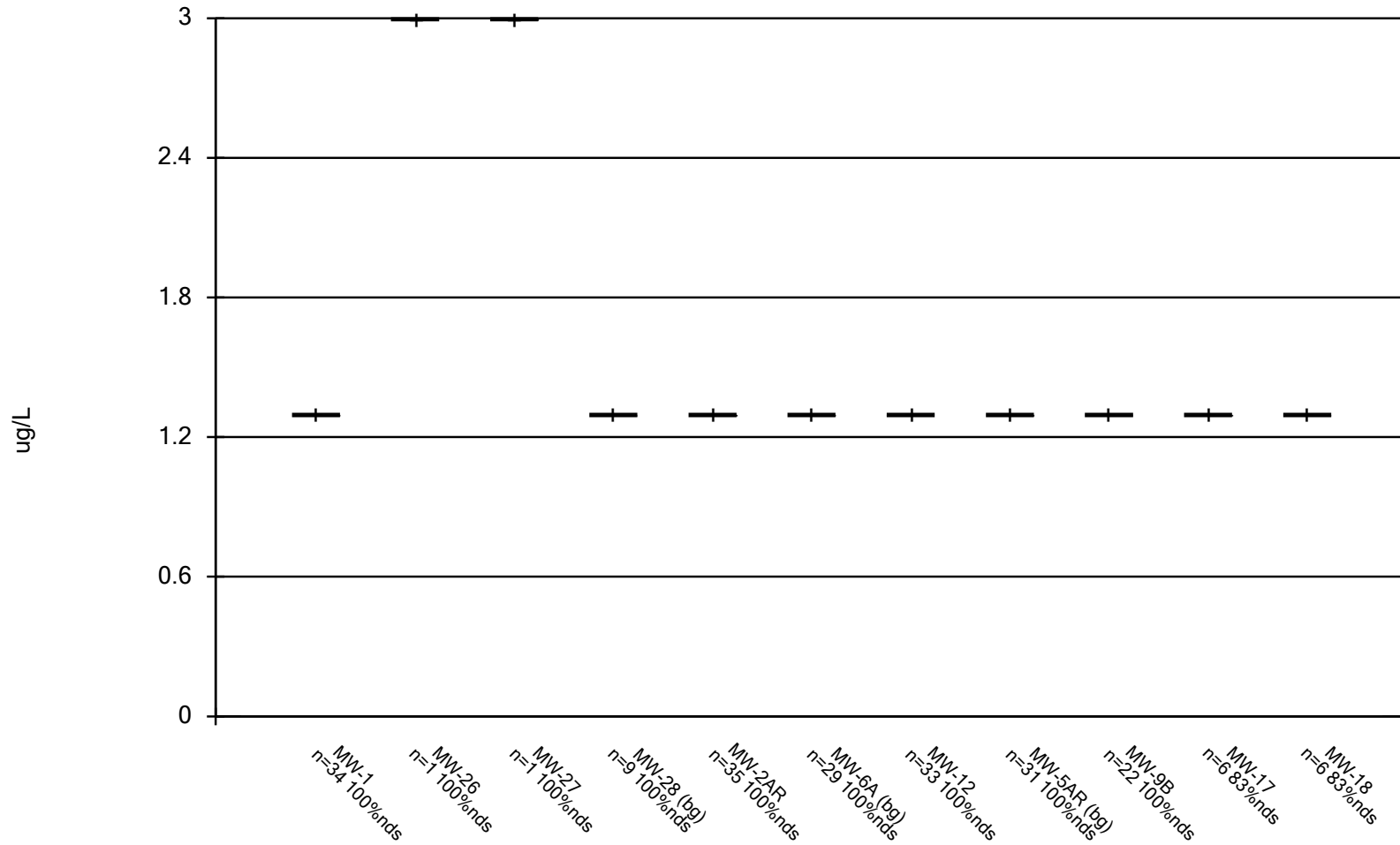
Constituent: Chlorobenzene Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



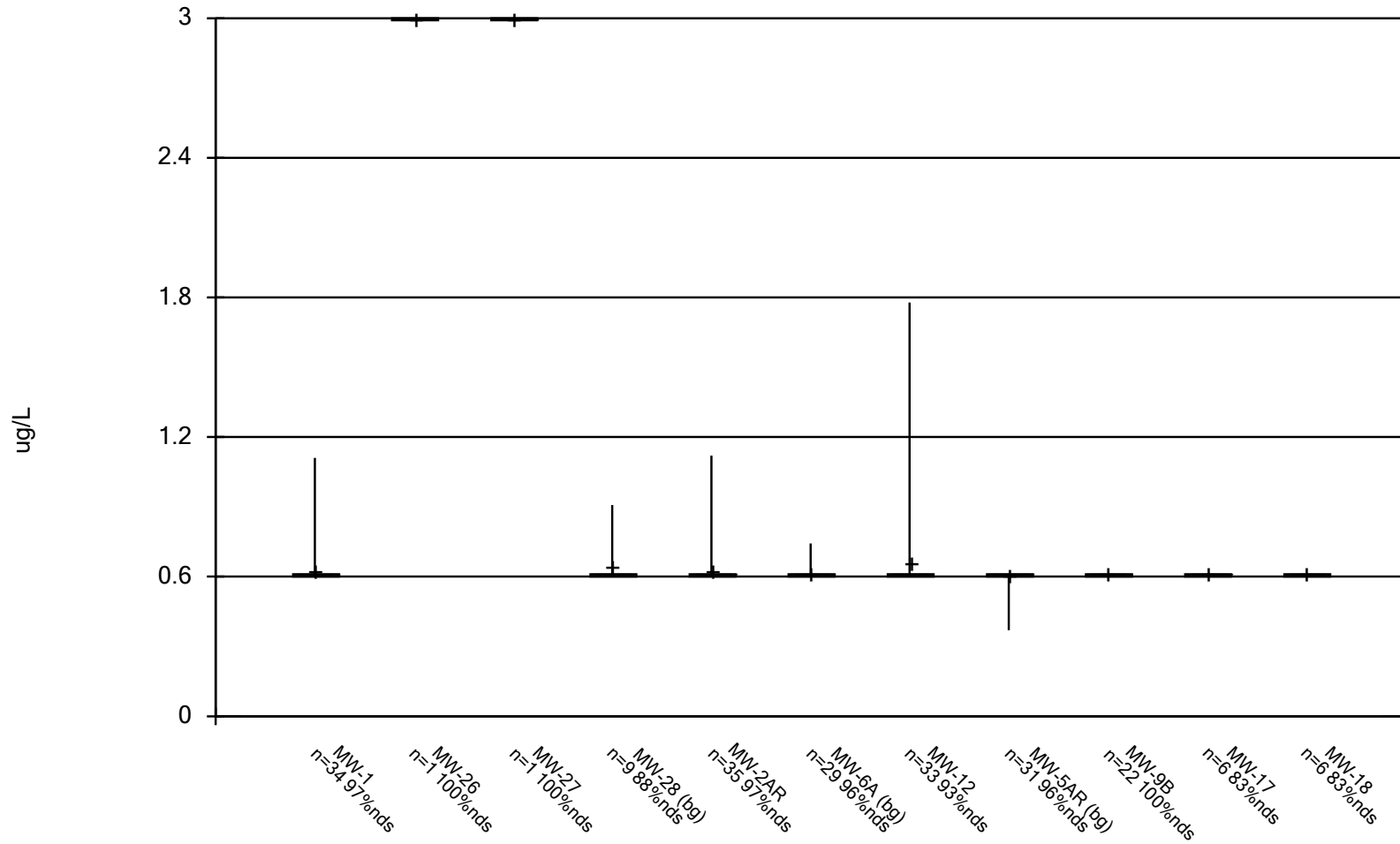
Constituent: Chloroethane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



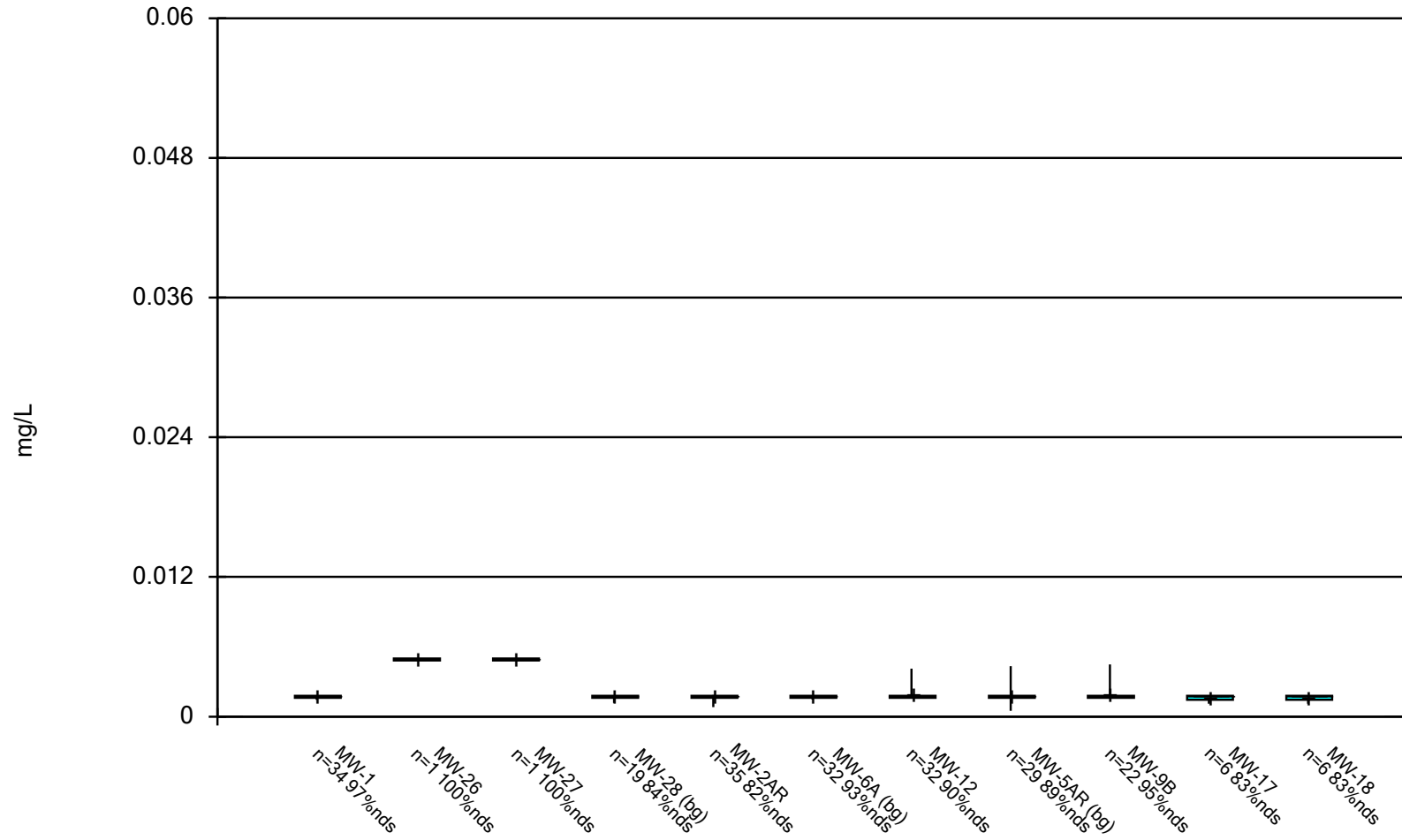
Constituent: Chloroform Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



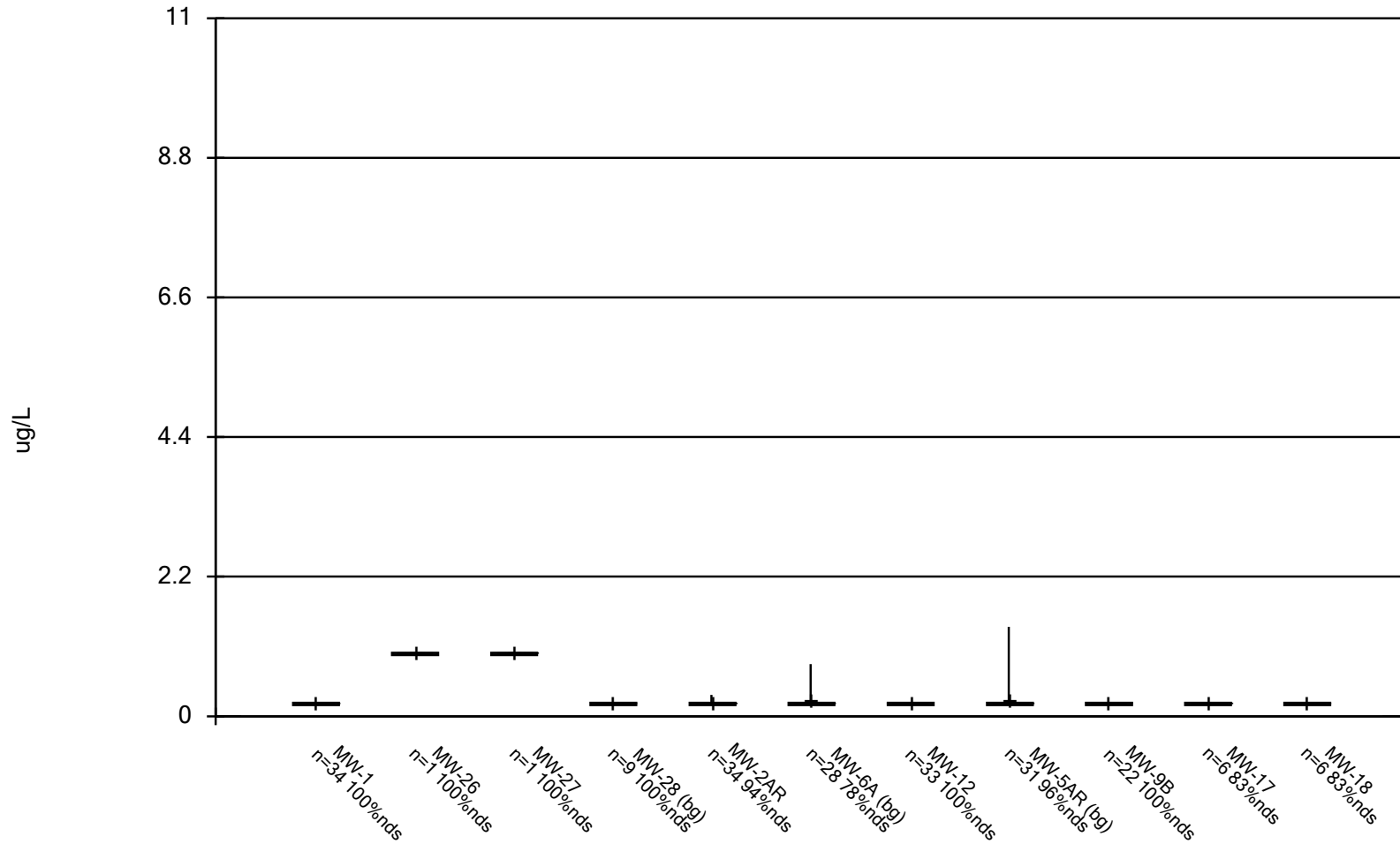
Constituent: Chloromethane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



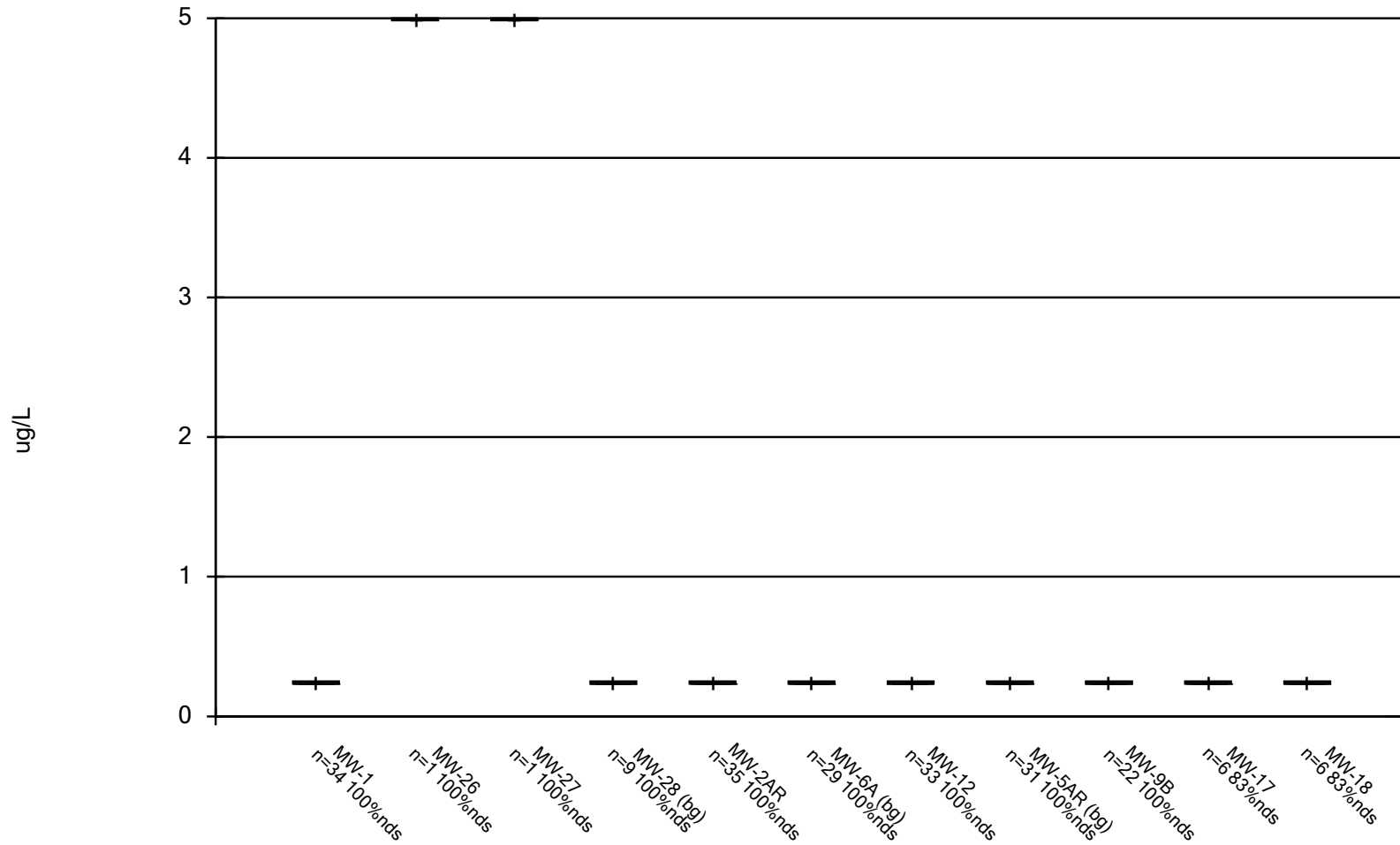
Constituent: Chromium Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



Constituent: cis-1,2-Dichloroethene Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

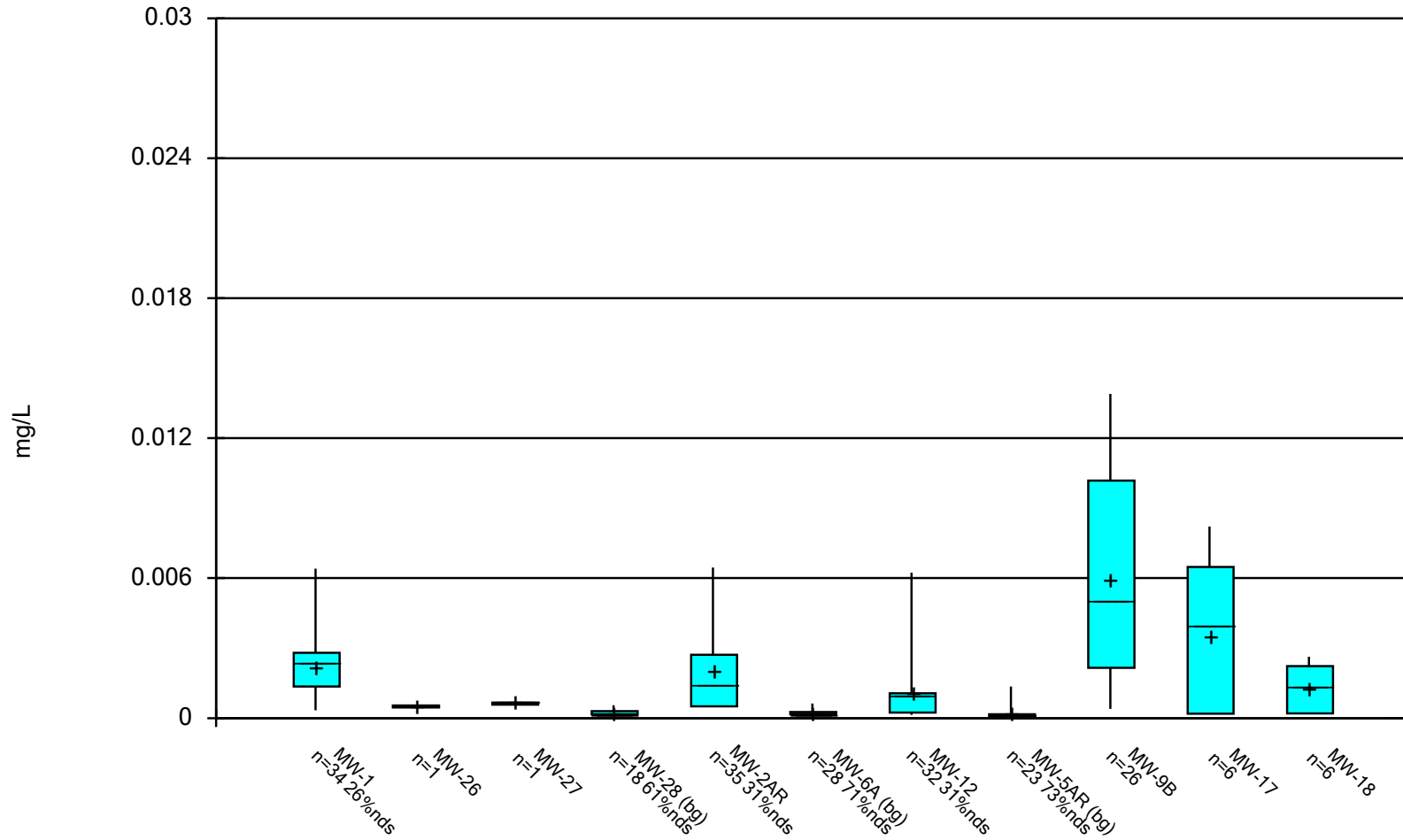
Box & Whiskers Plot



Constituent: cis-1,3-Dichloropropene Analysis Run 6/11/2025 4:37 PM View: Well Network Review

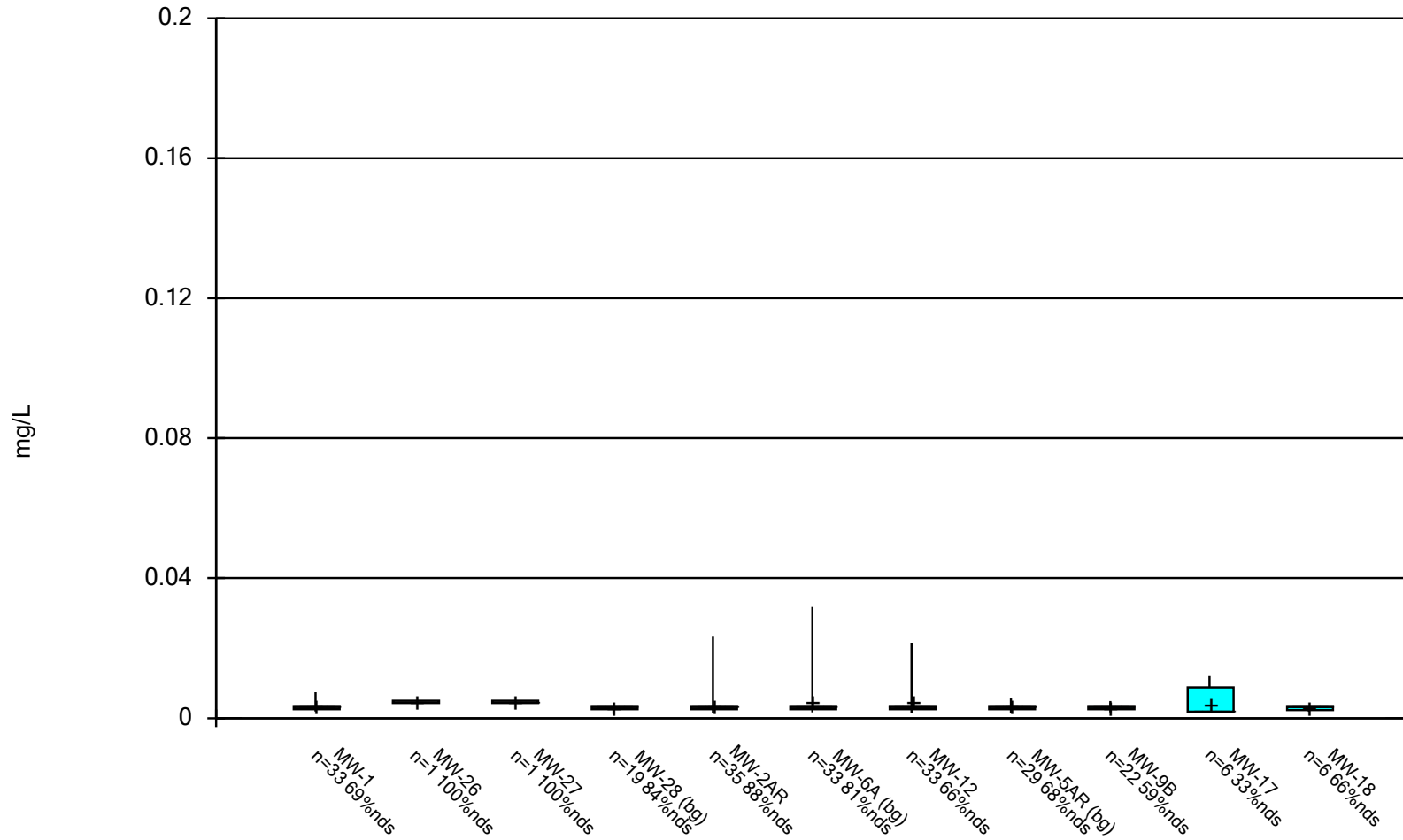
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



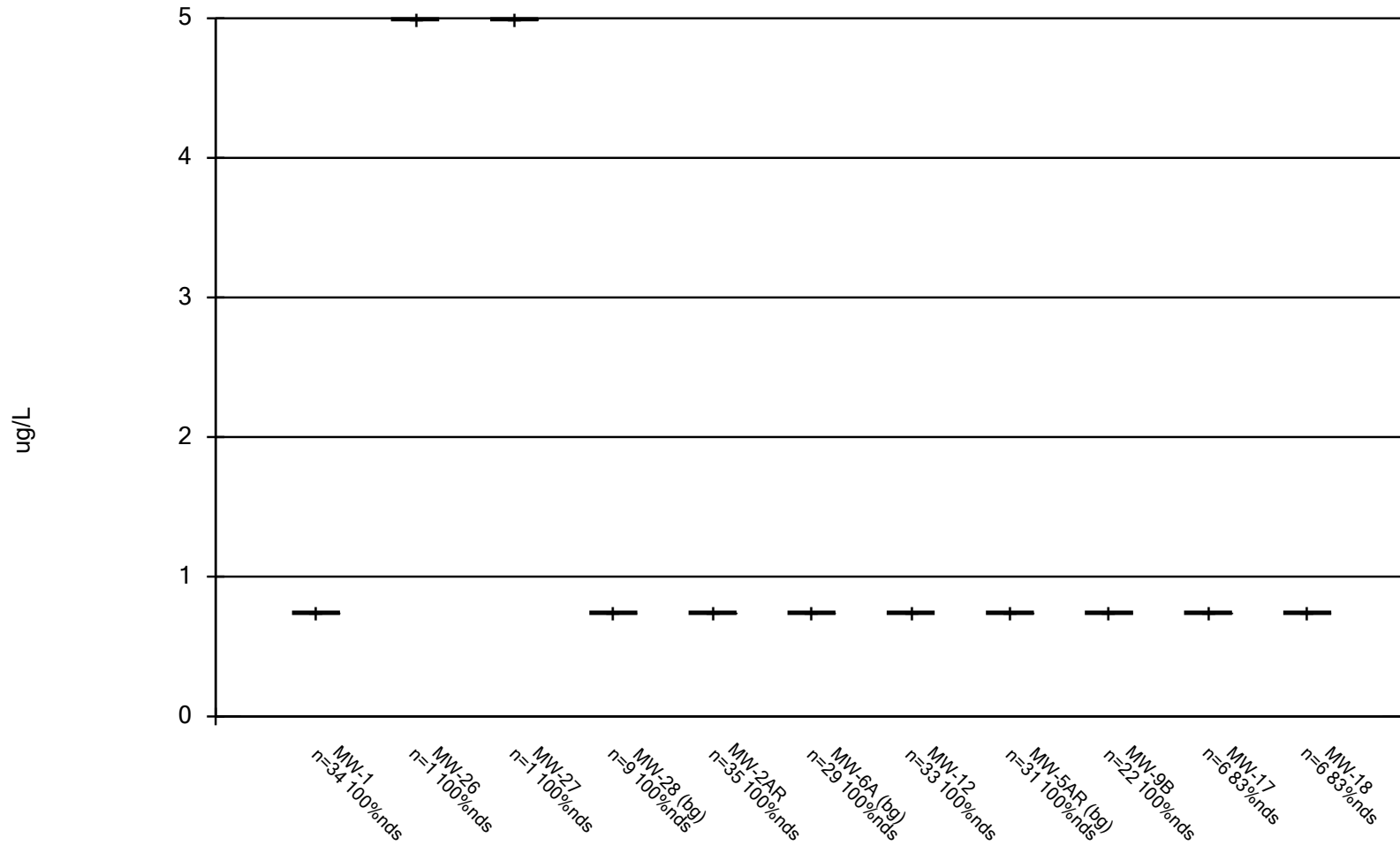
Constituent: Cobalt Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



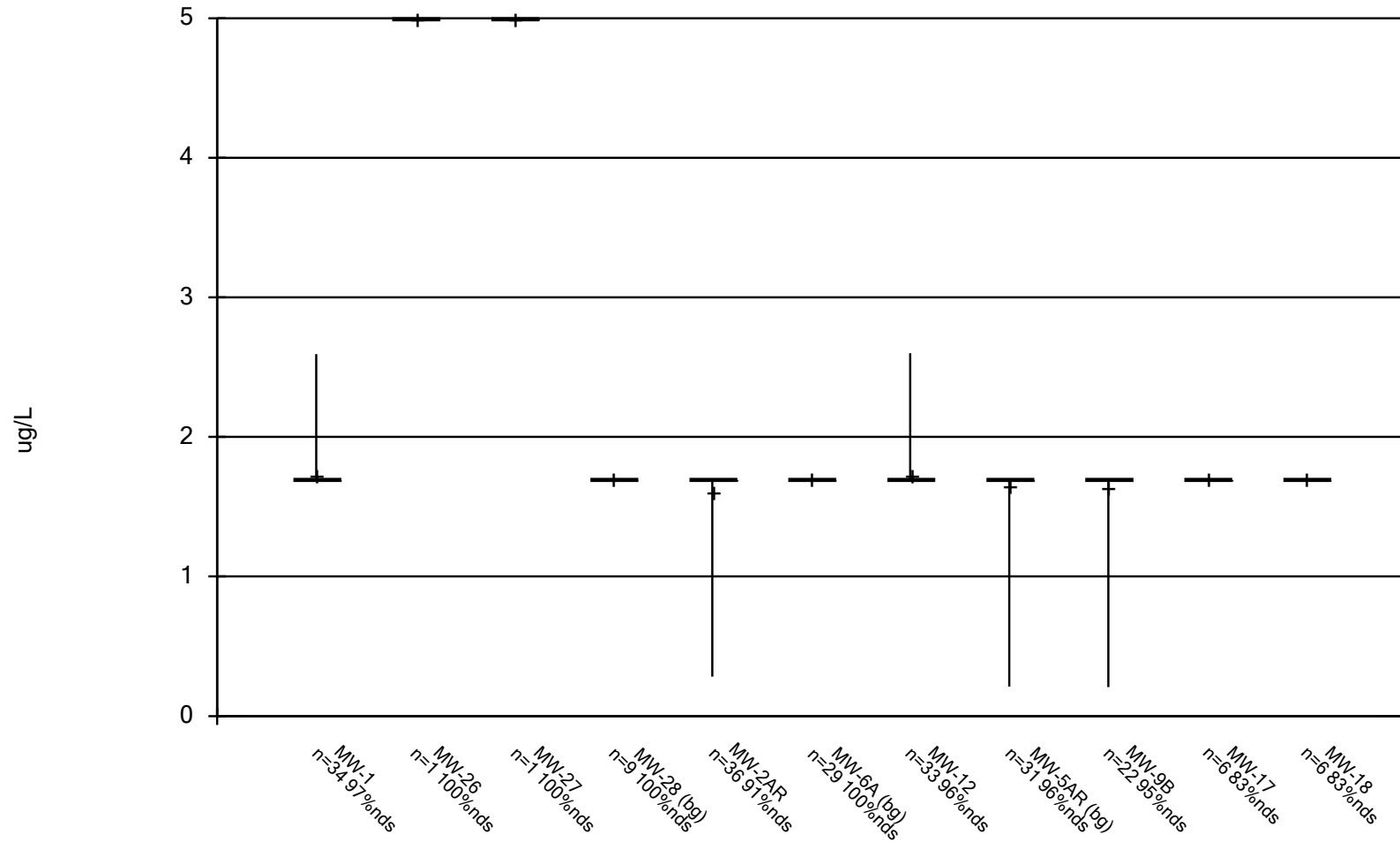
Constituent: Copper Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



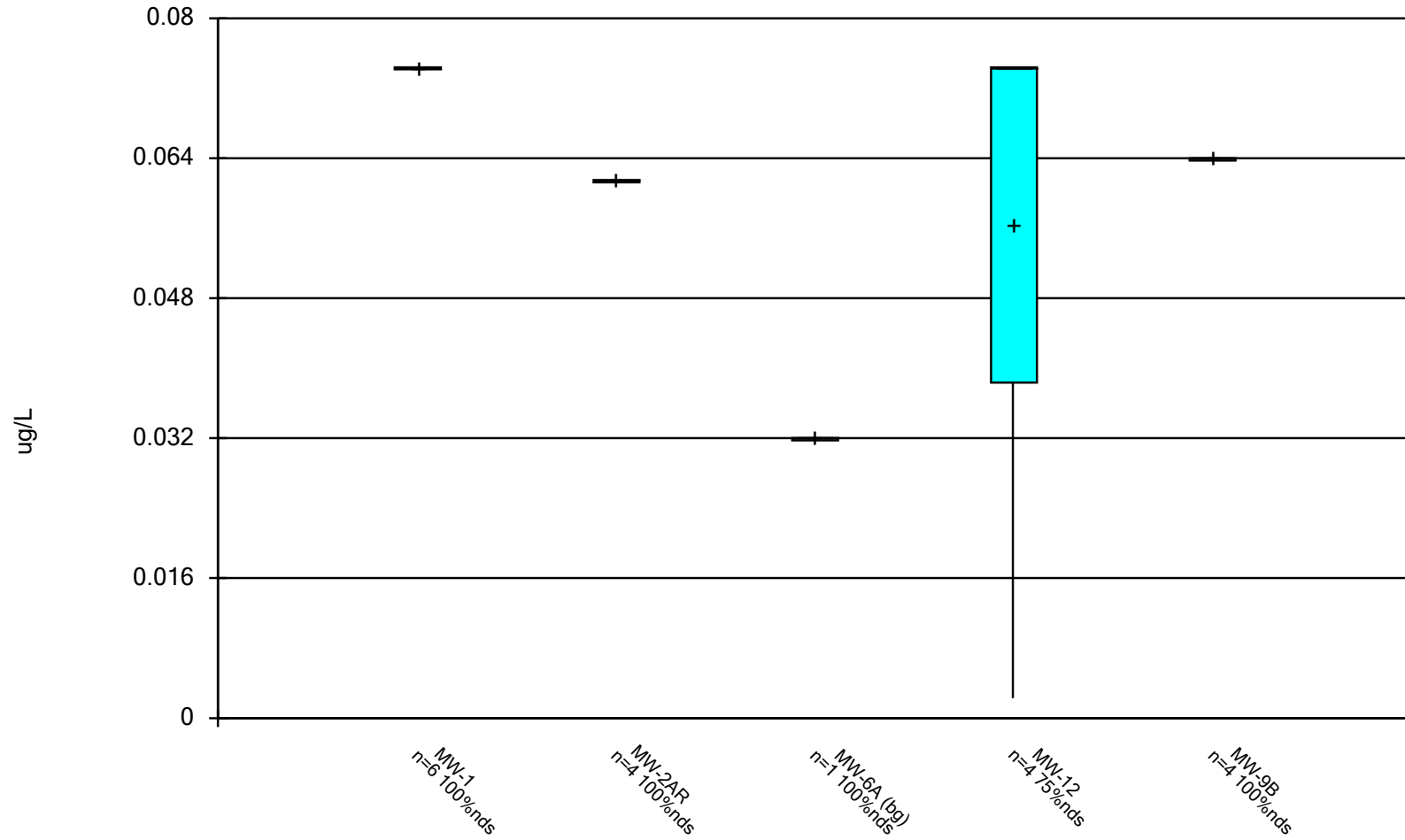
Constituent: Dibromochloromethane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



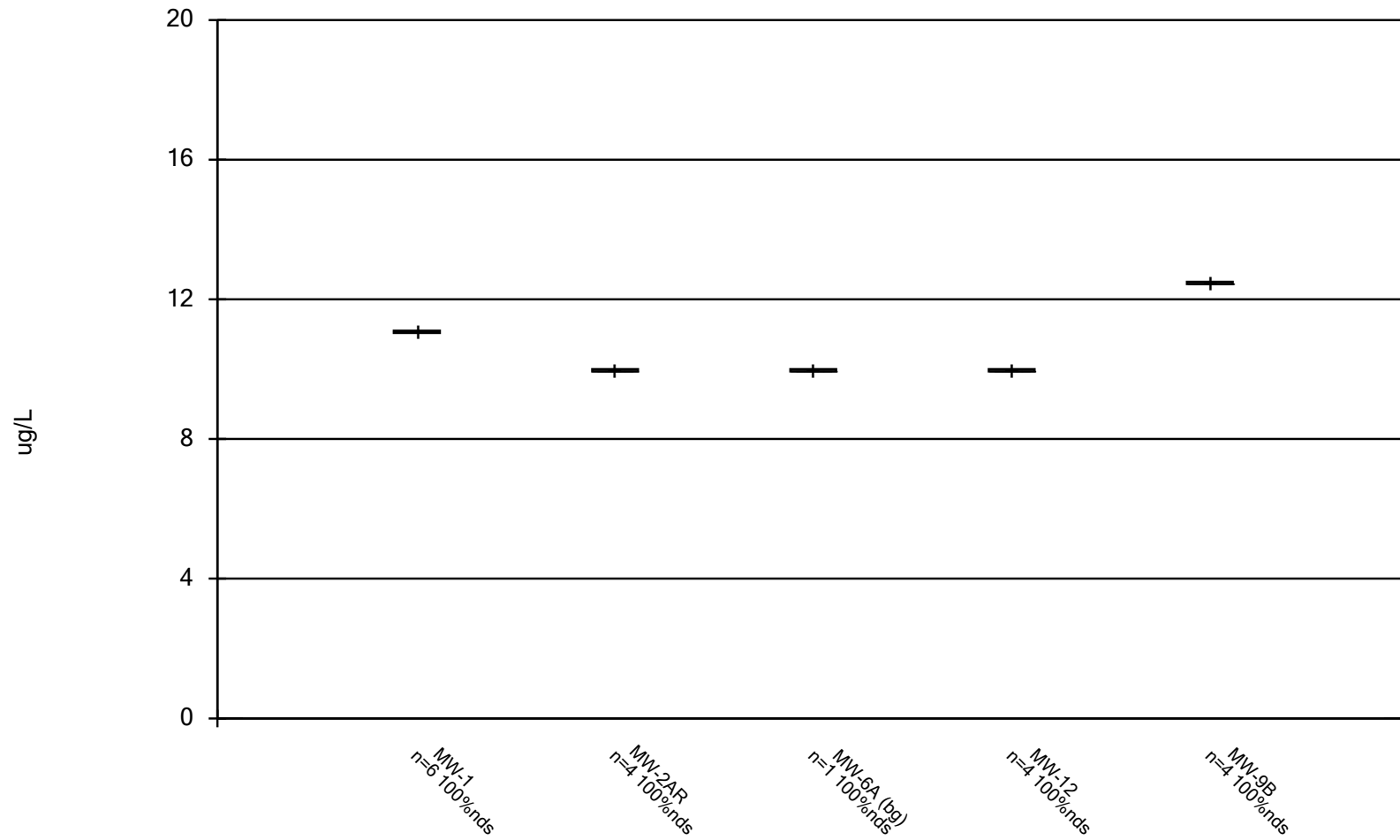
Constituent: Dichloromethane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



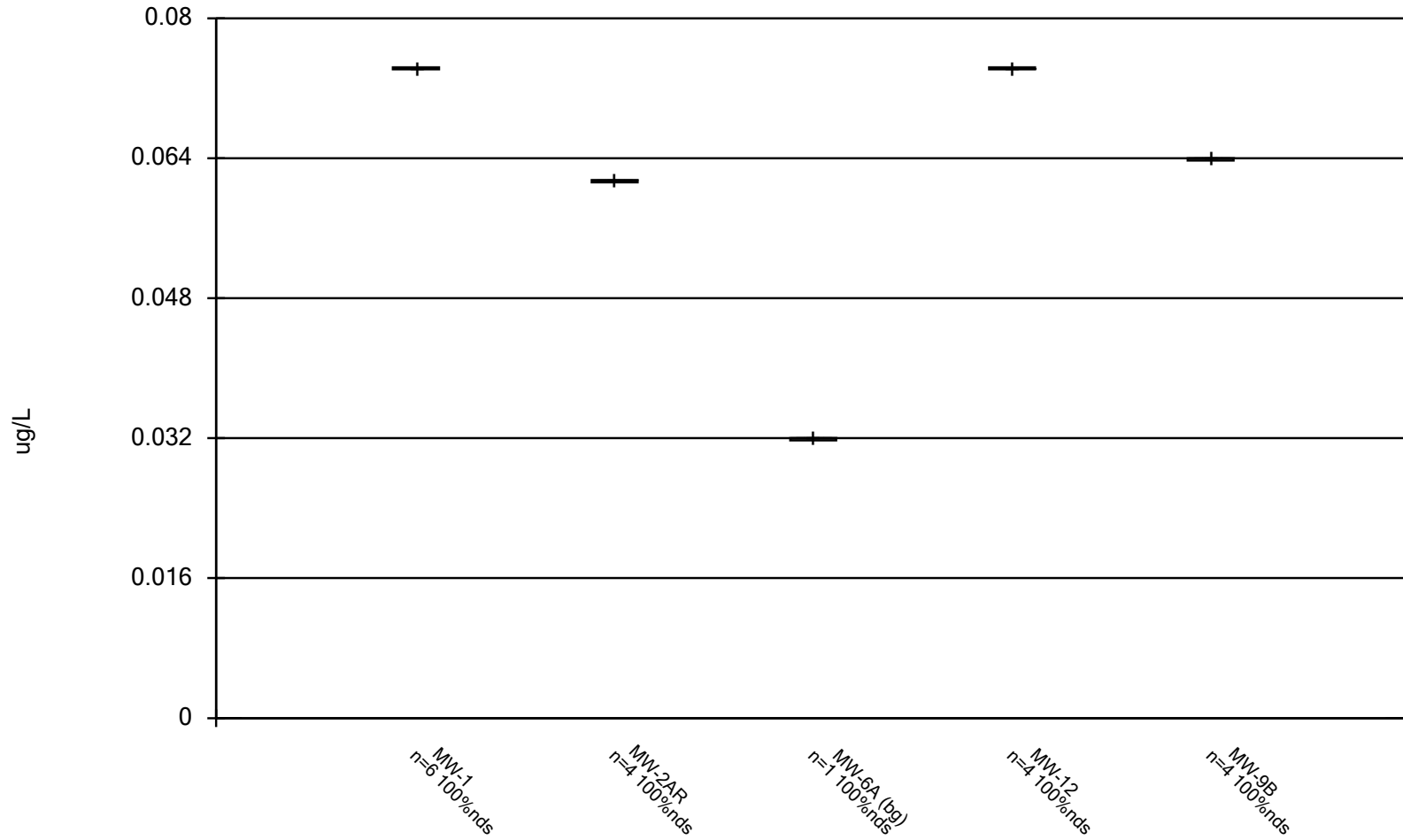
Constituent: Dieldrin Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



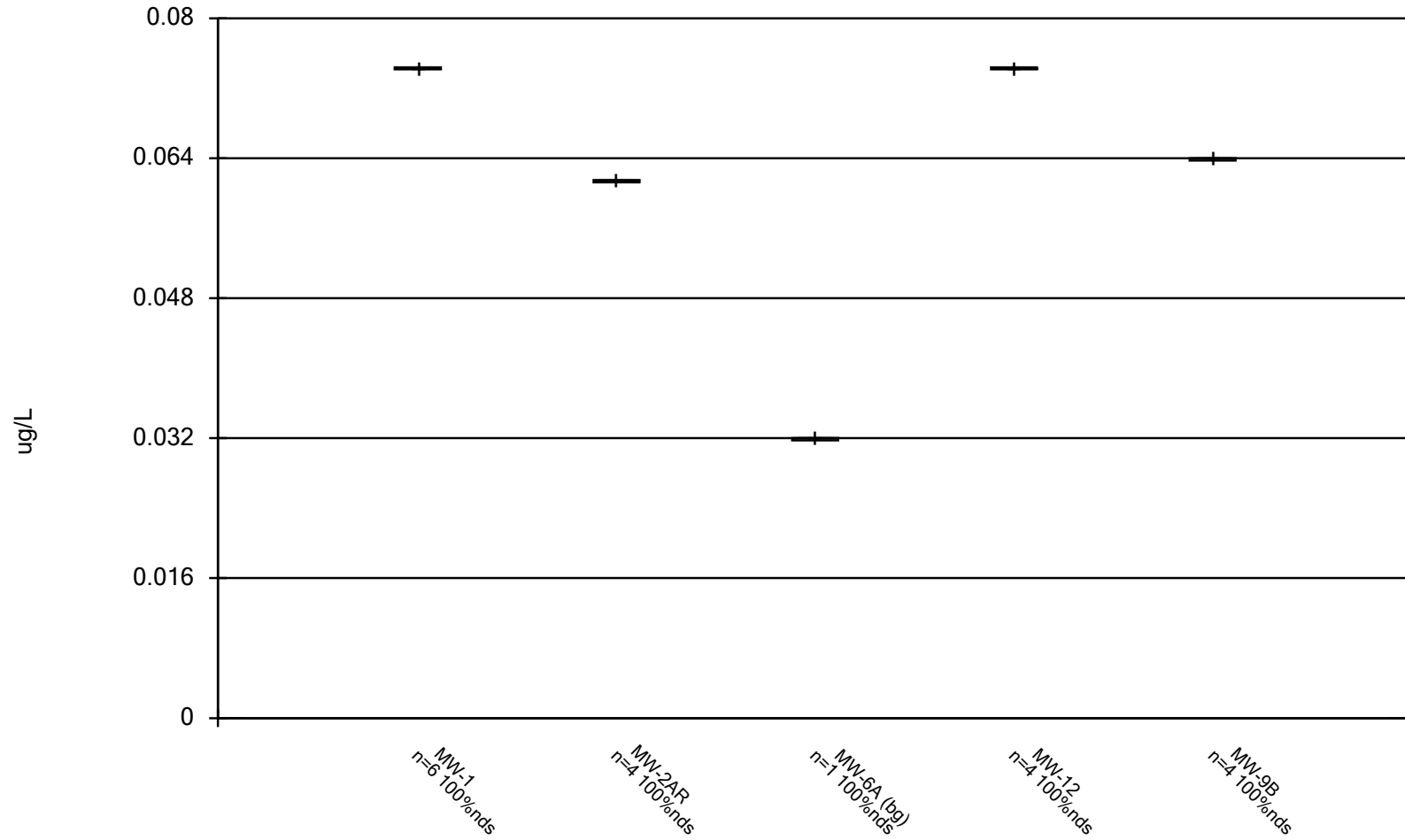
Constituent: Diethylphthalate Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



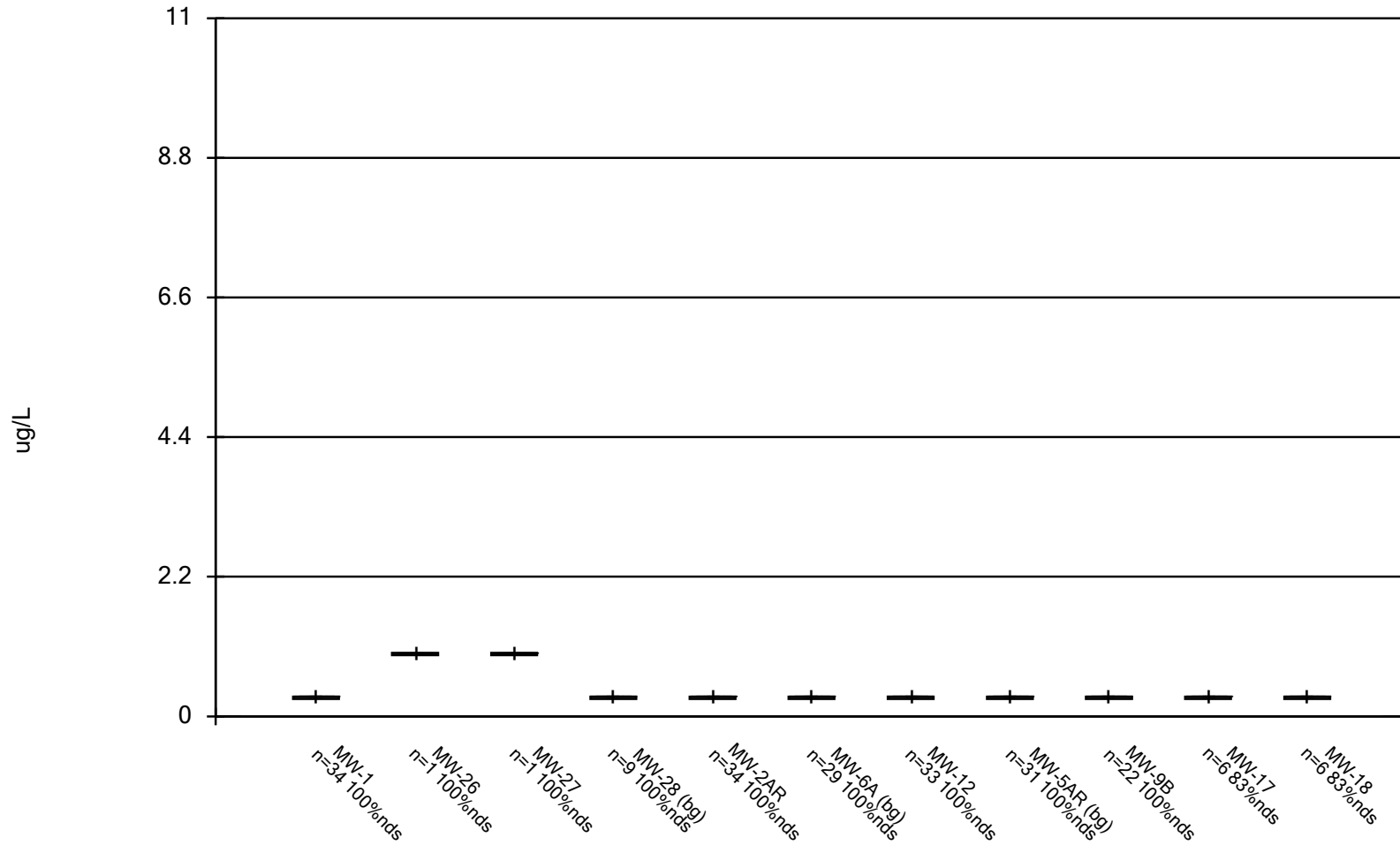
Constituent: Endosulfan I Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



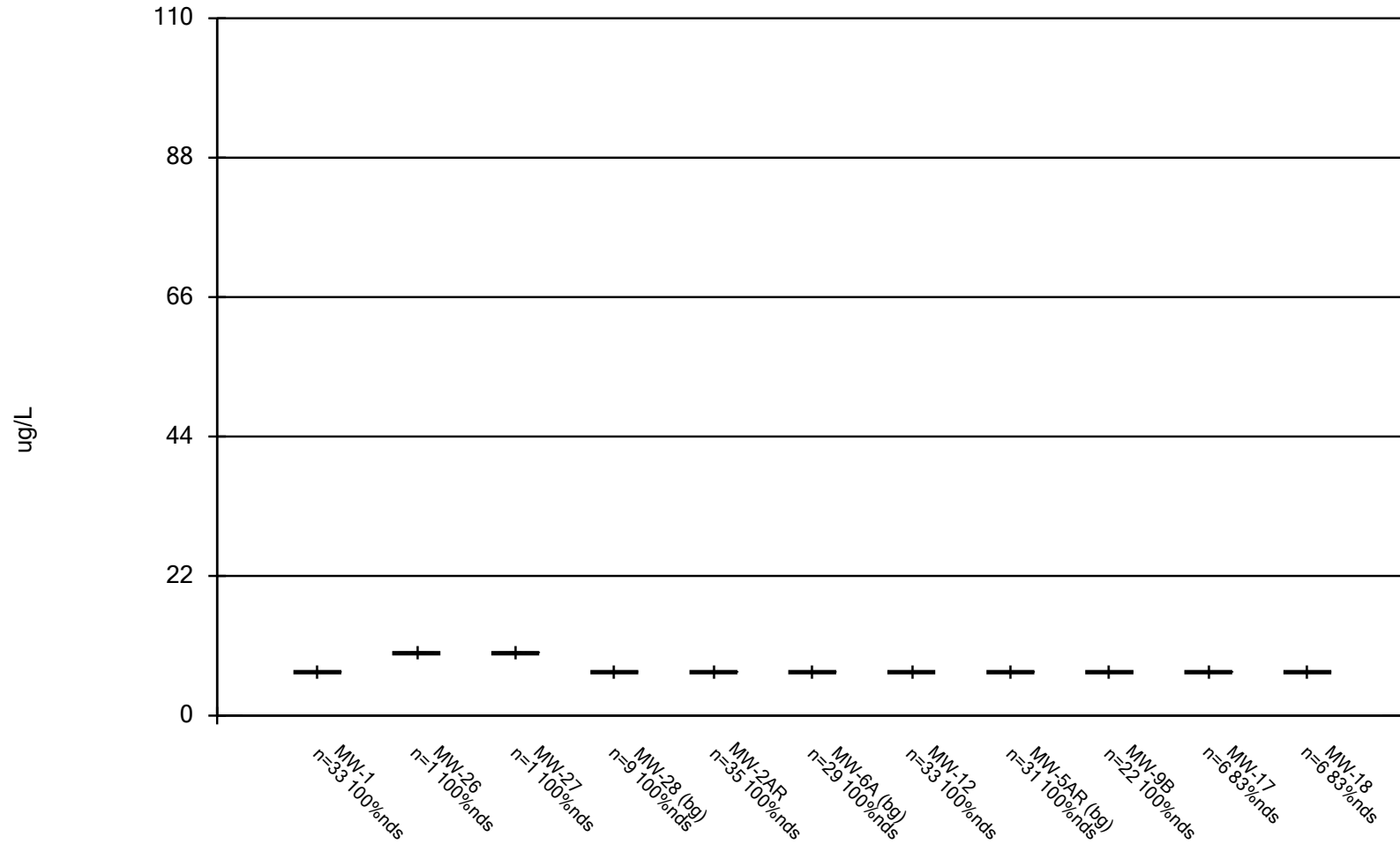
Constituent: Endosulfan II Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



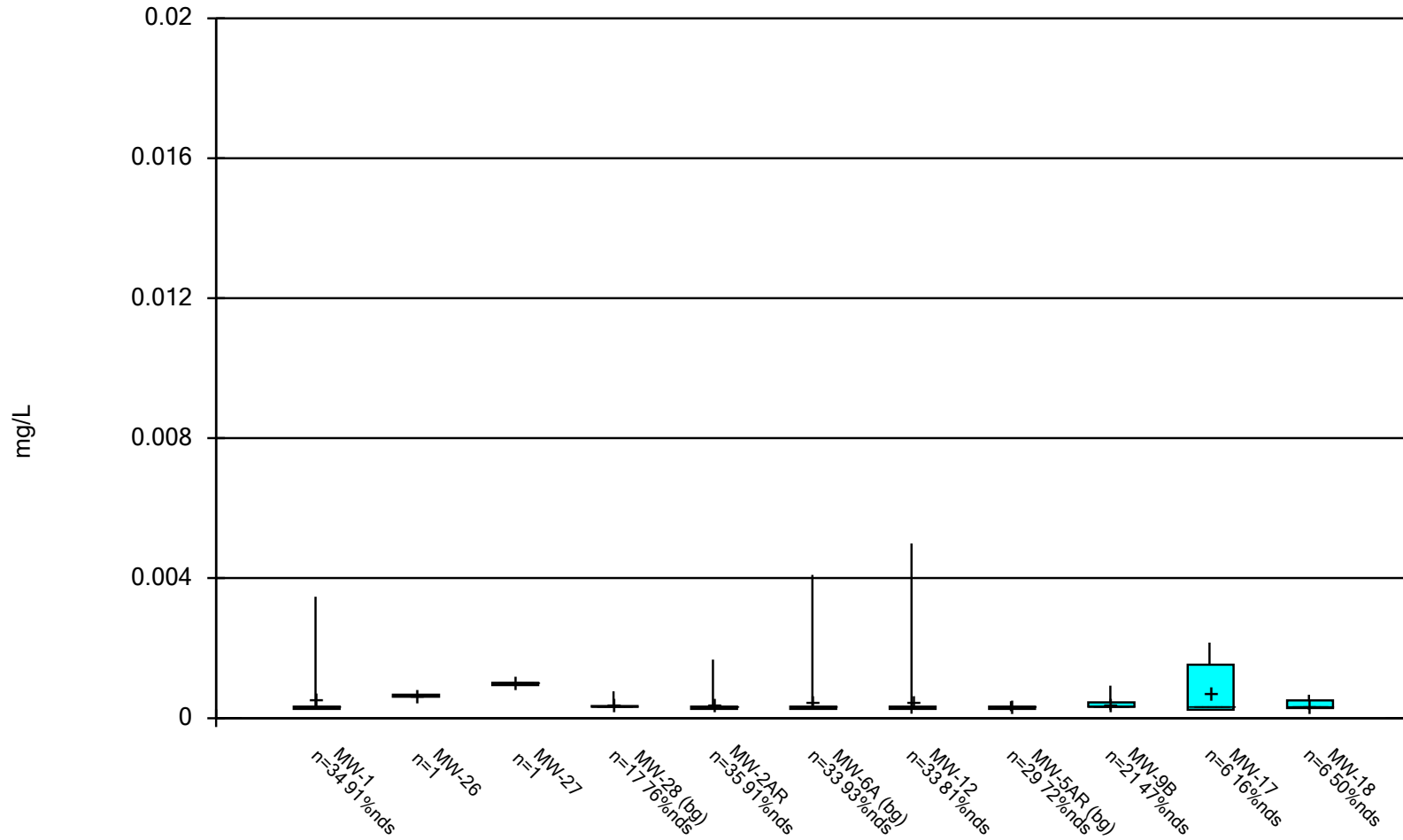
Constituent: Ethylbenzene Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



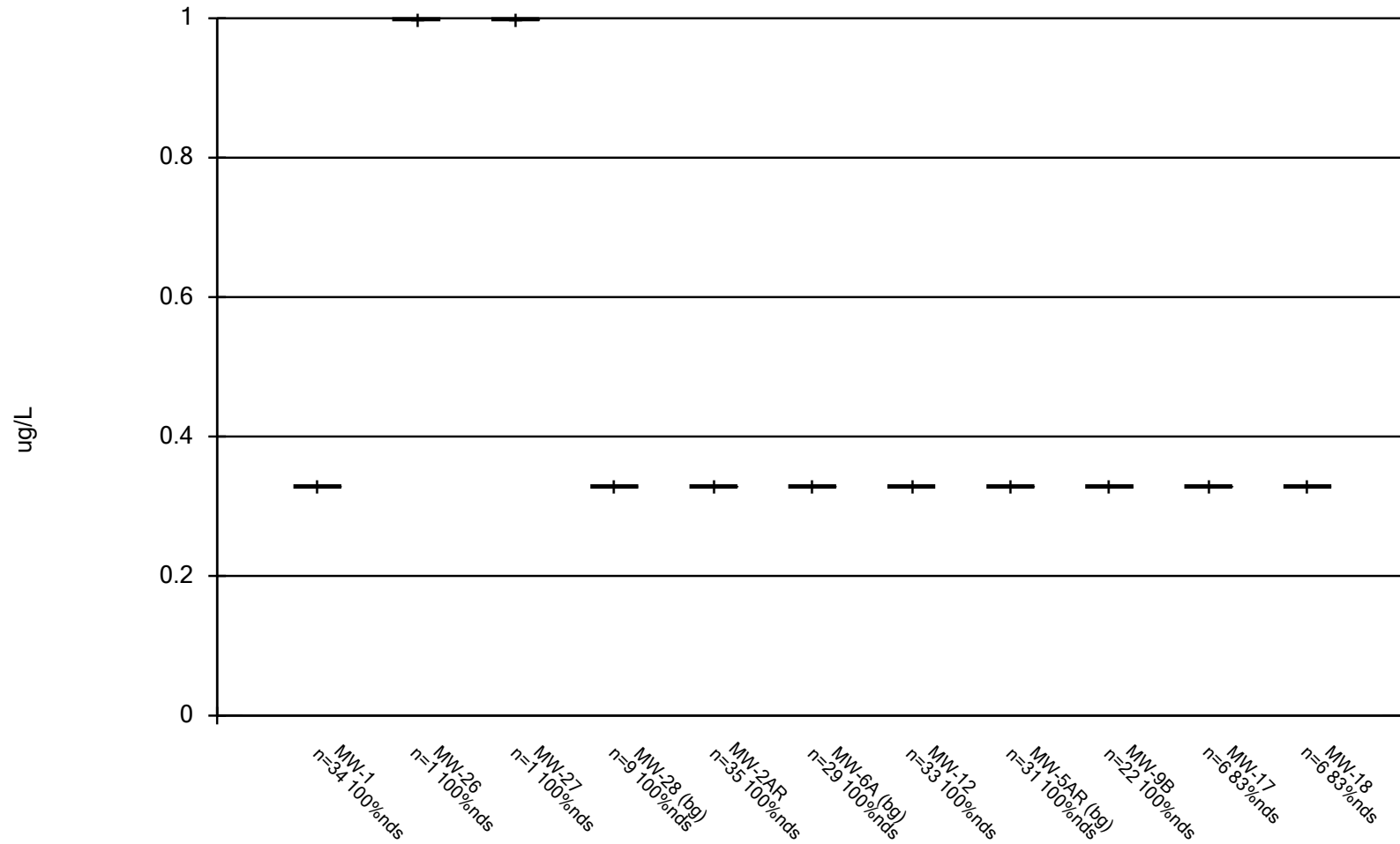
Constituent: Iodomethane Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



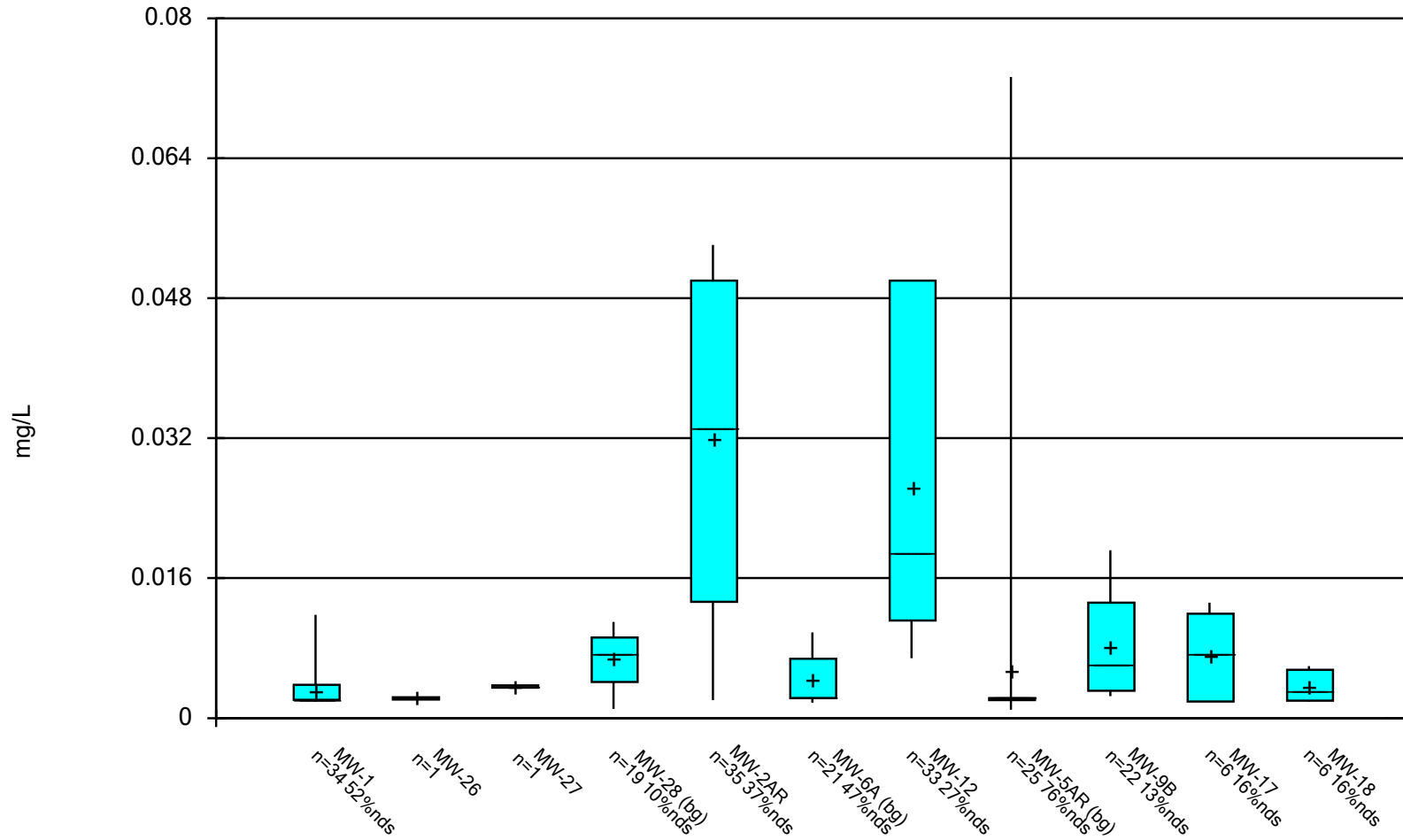
Constituent: Lead Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



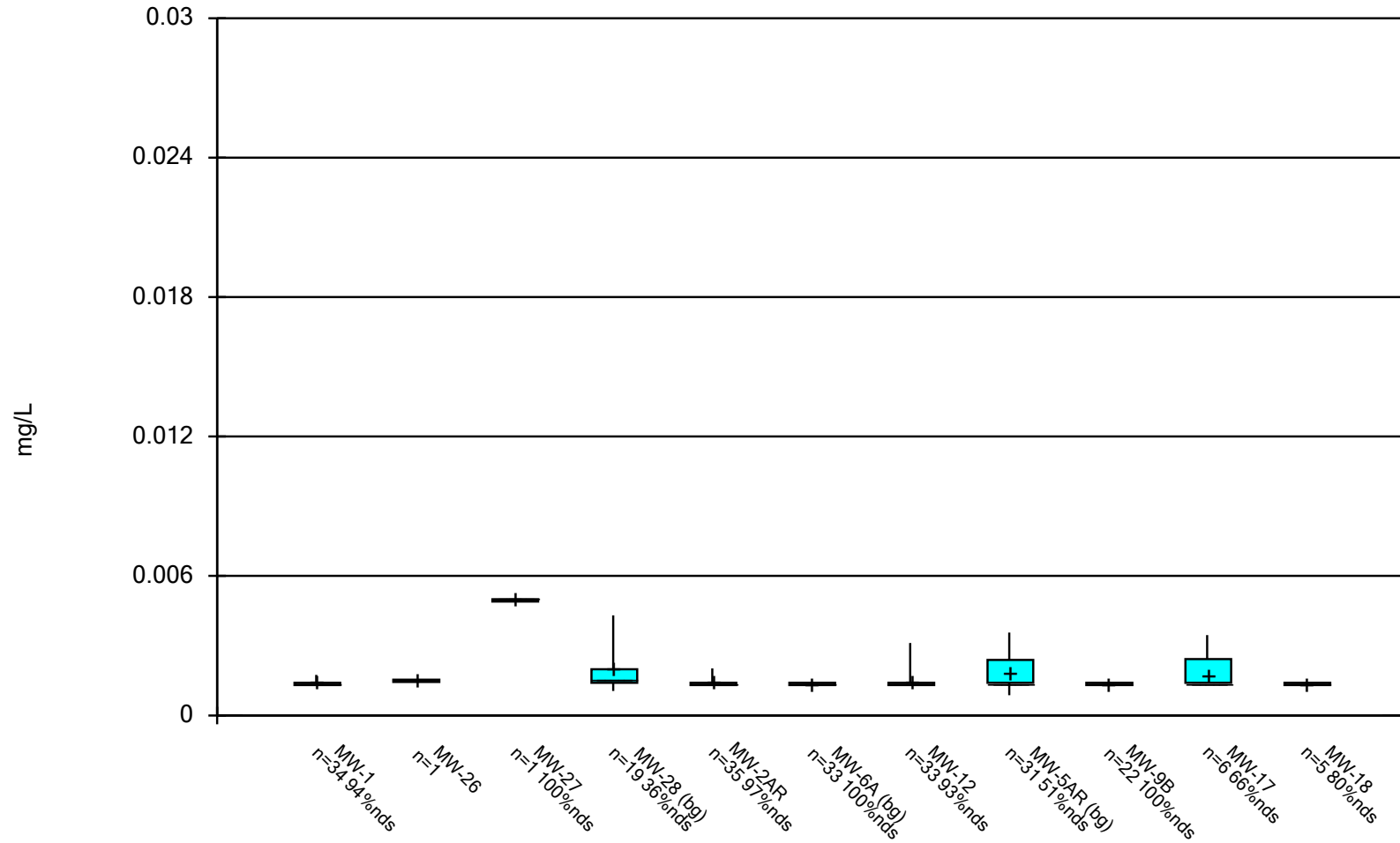
Constituent: Methylene Bromide Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



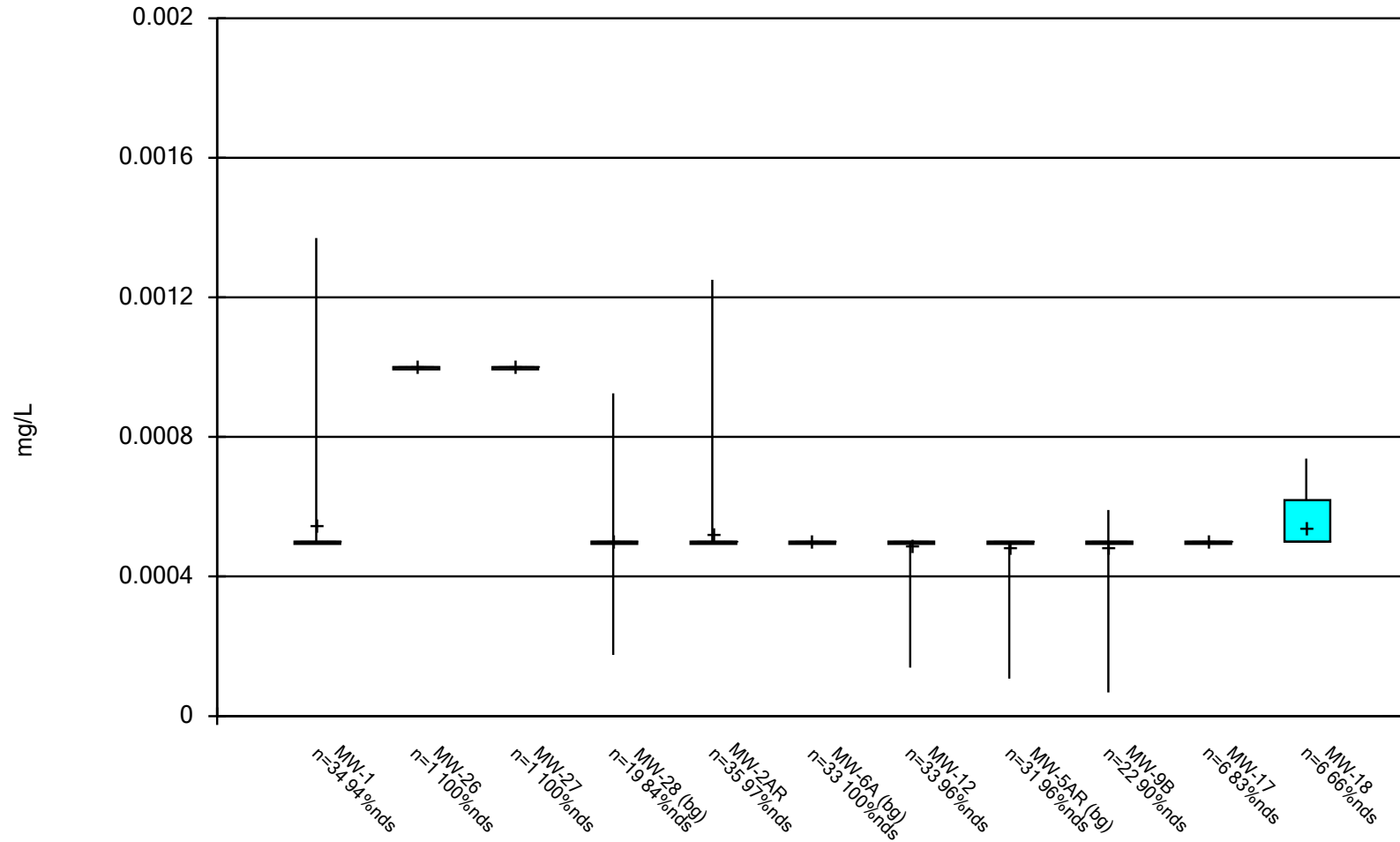
Constituent: Nickel Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



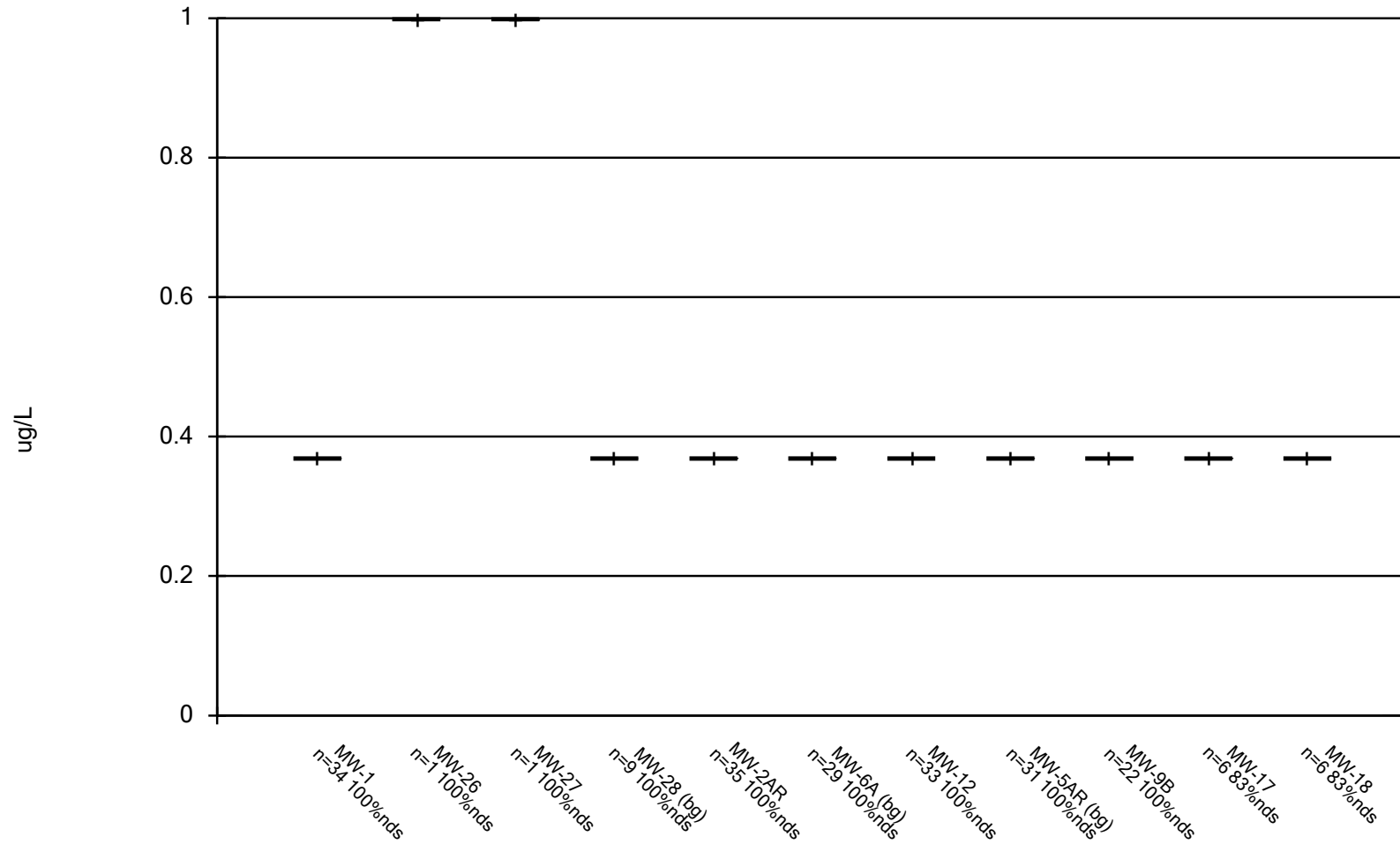
Constituent: Selenium Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



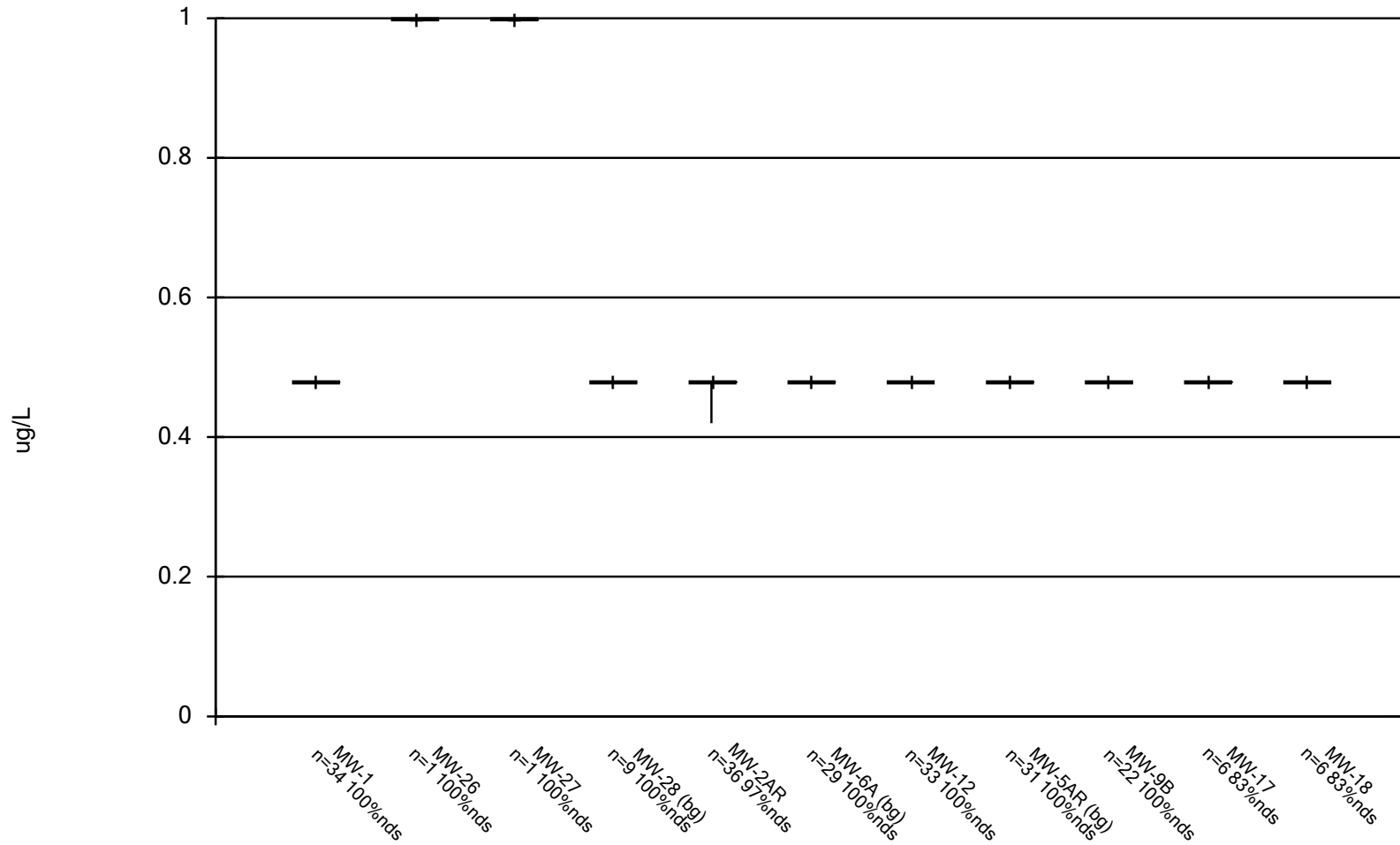
Constituent: Silver Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



Constituent: Styrene Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

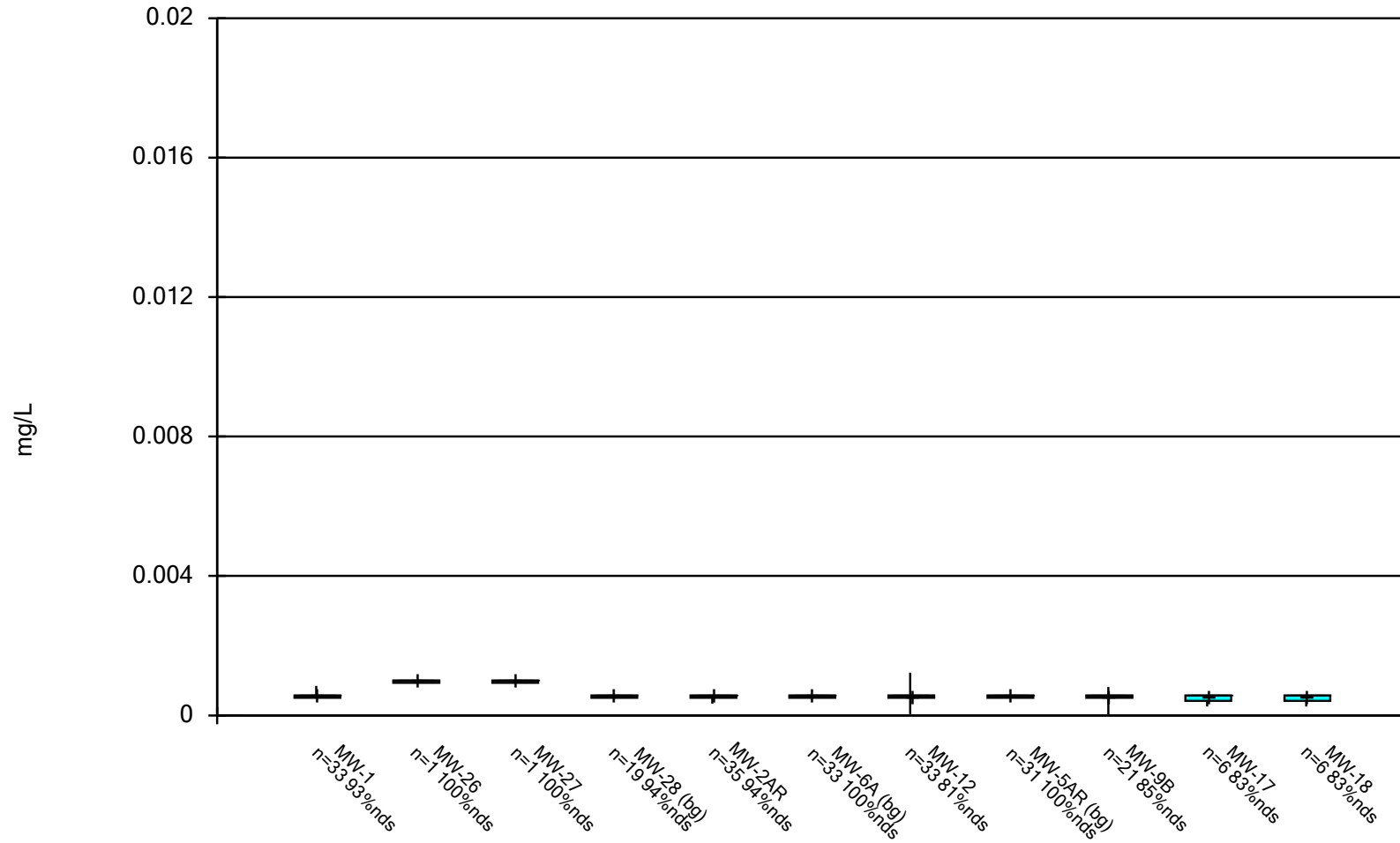
Box & Whiskers Plot



Constituent: Tetrachloroethene Analysis Run 6/11/2025 4:37 PM View: Well Network Review

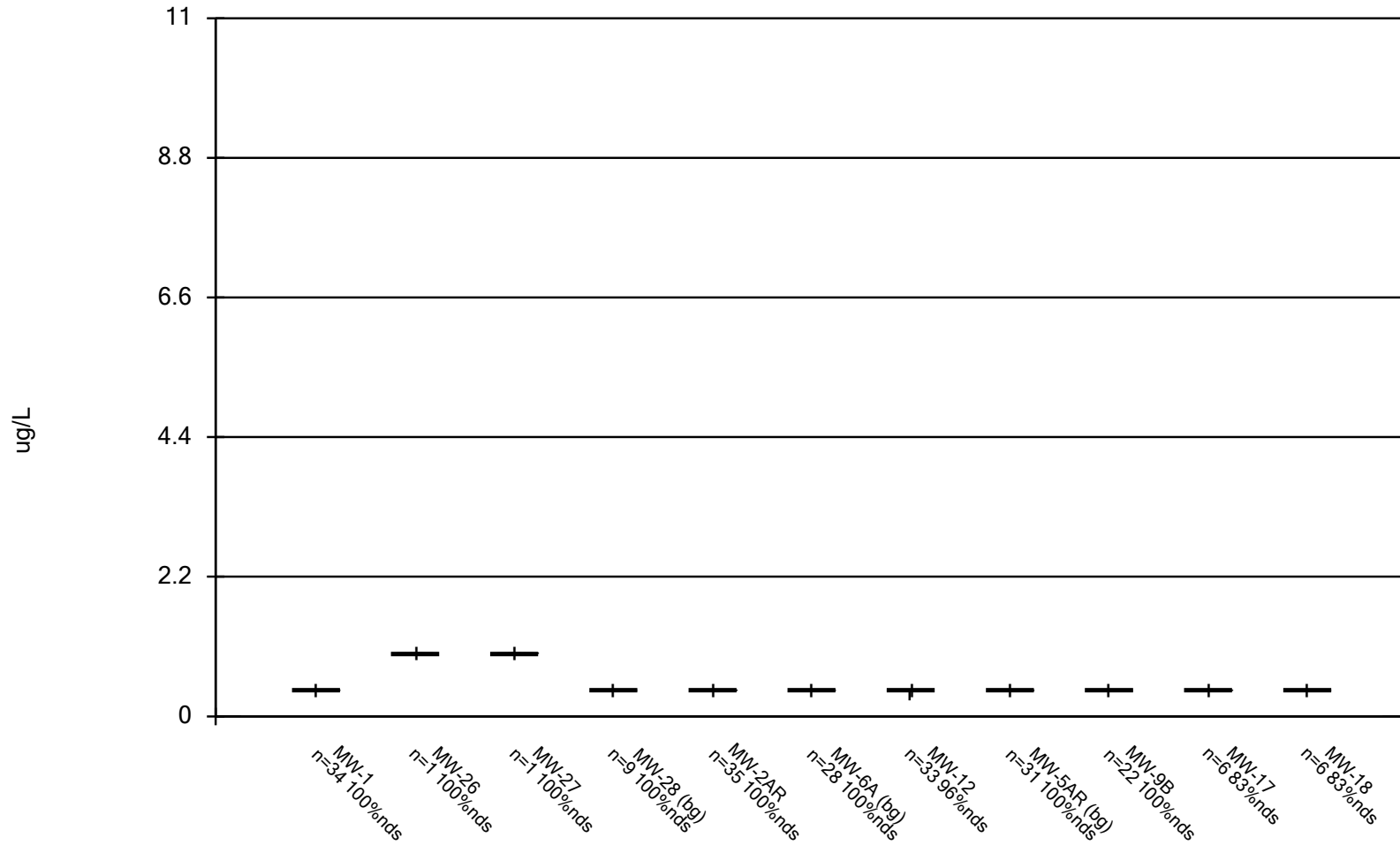
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



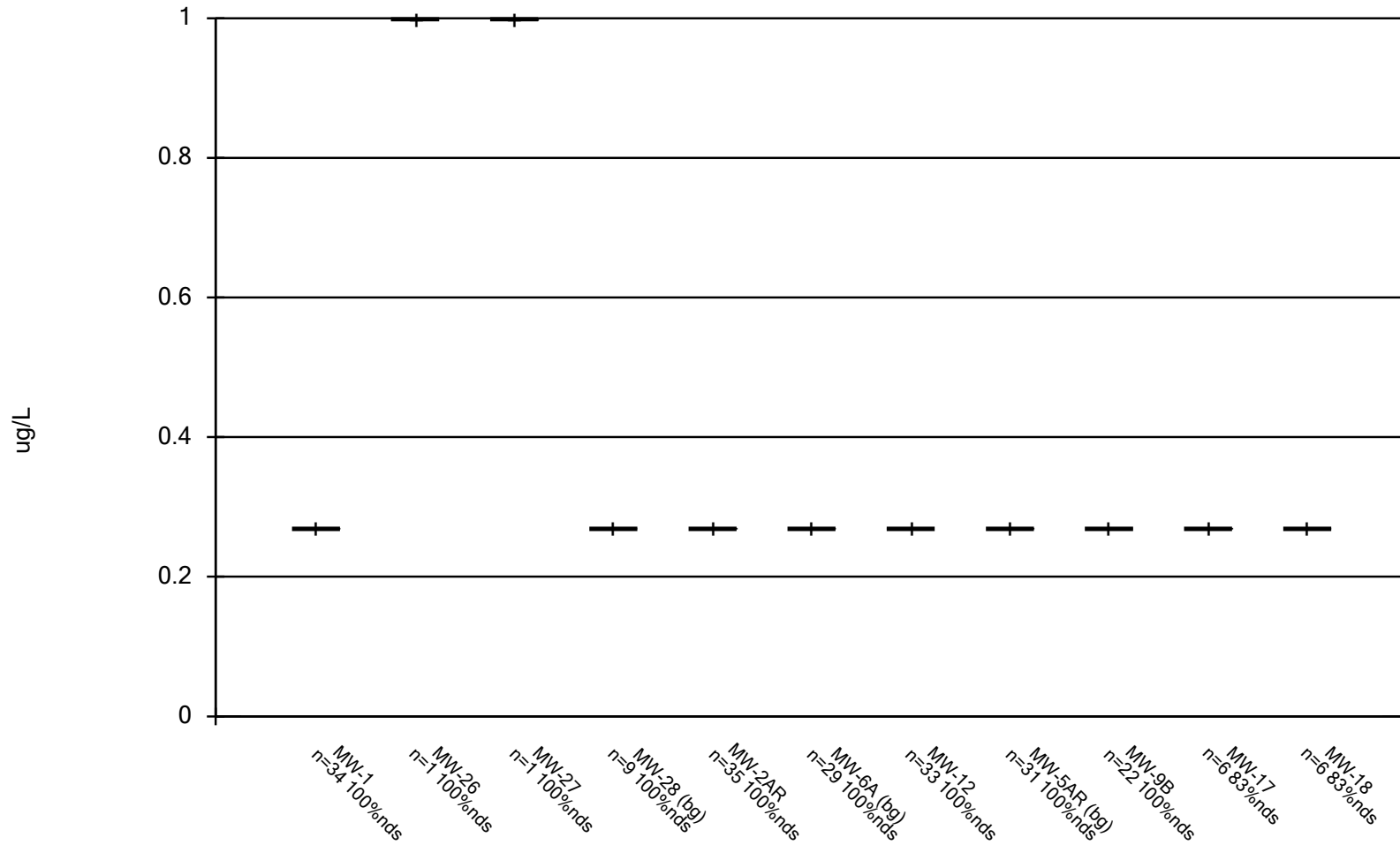
Constituent: Thallium Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



Constituent: Toluene Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

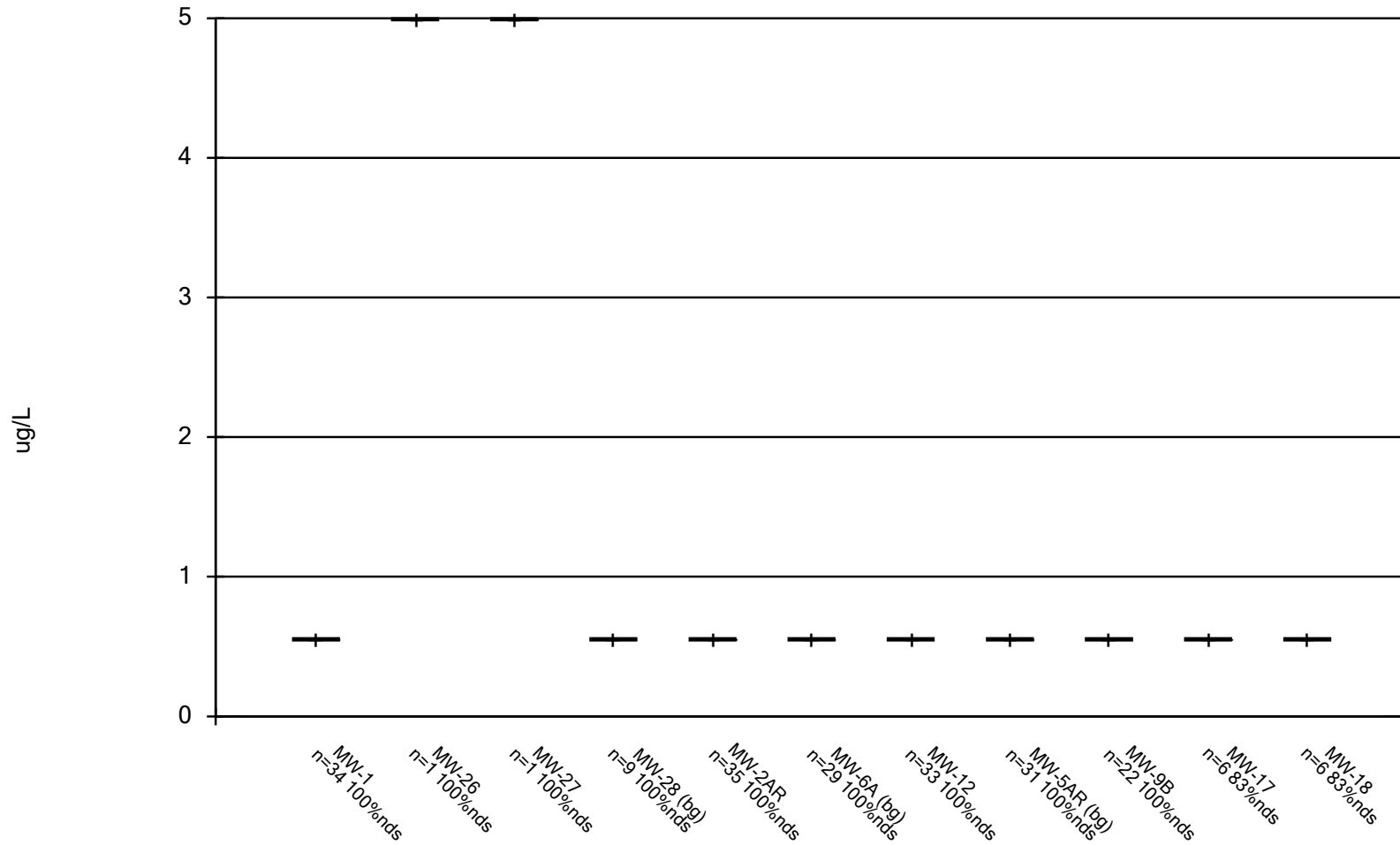
Box & Whiskers Plot



Constituent: trans-1,2-Dichloroethene Analysis Run 6/11/2025 4:37 PM View: Well Network Review

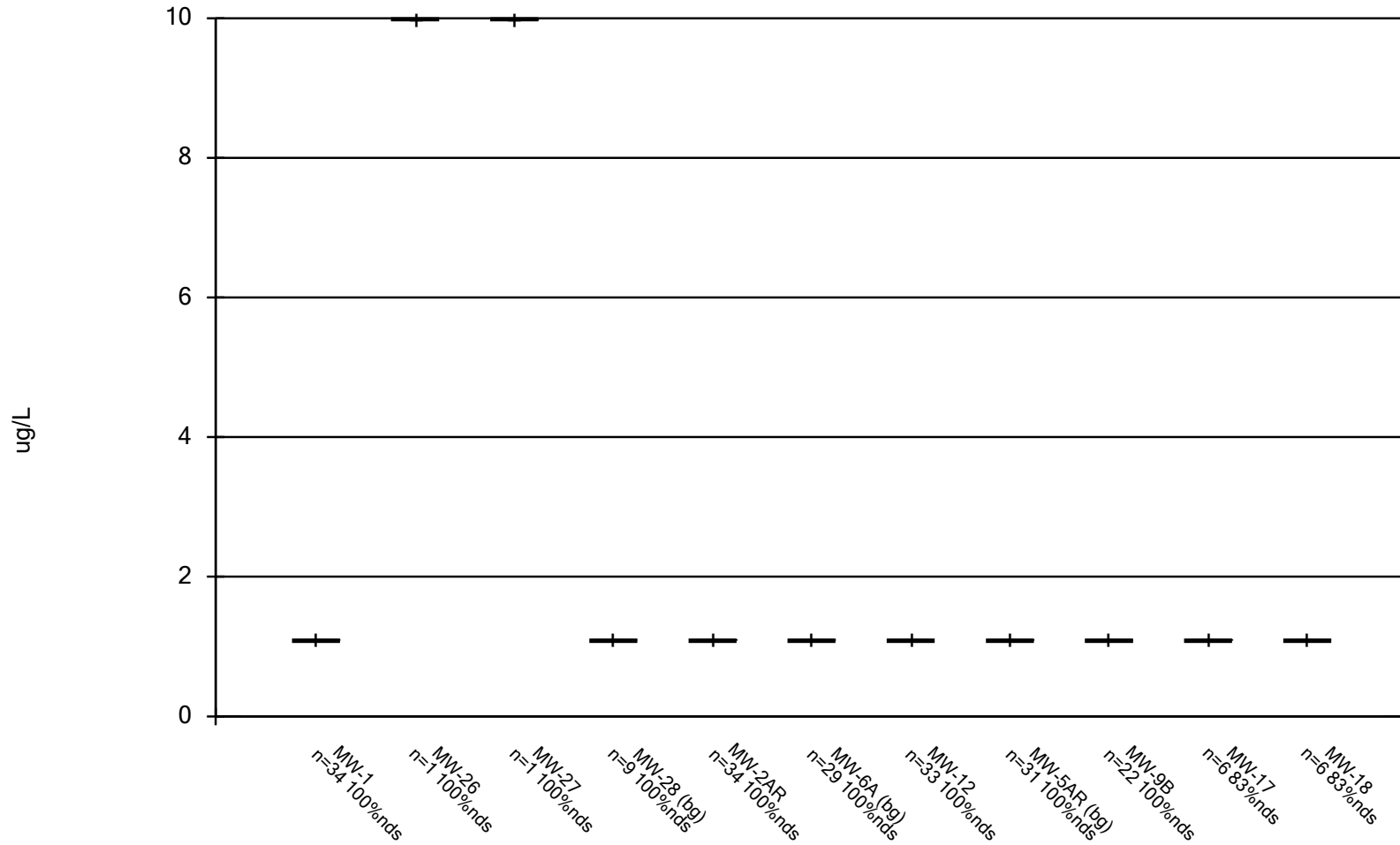
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



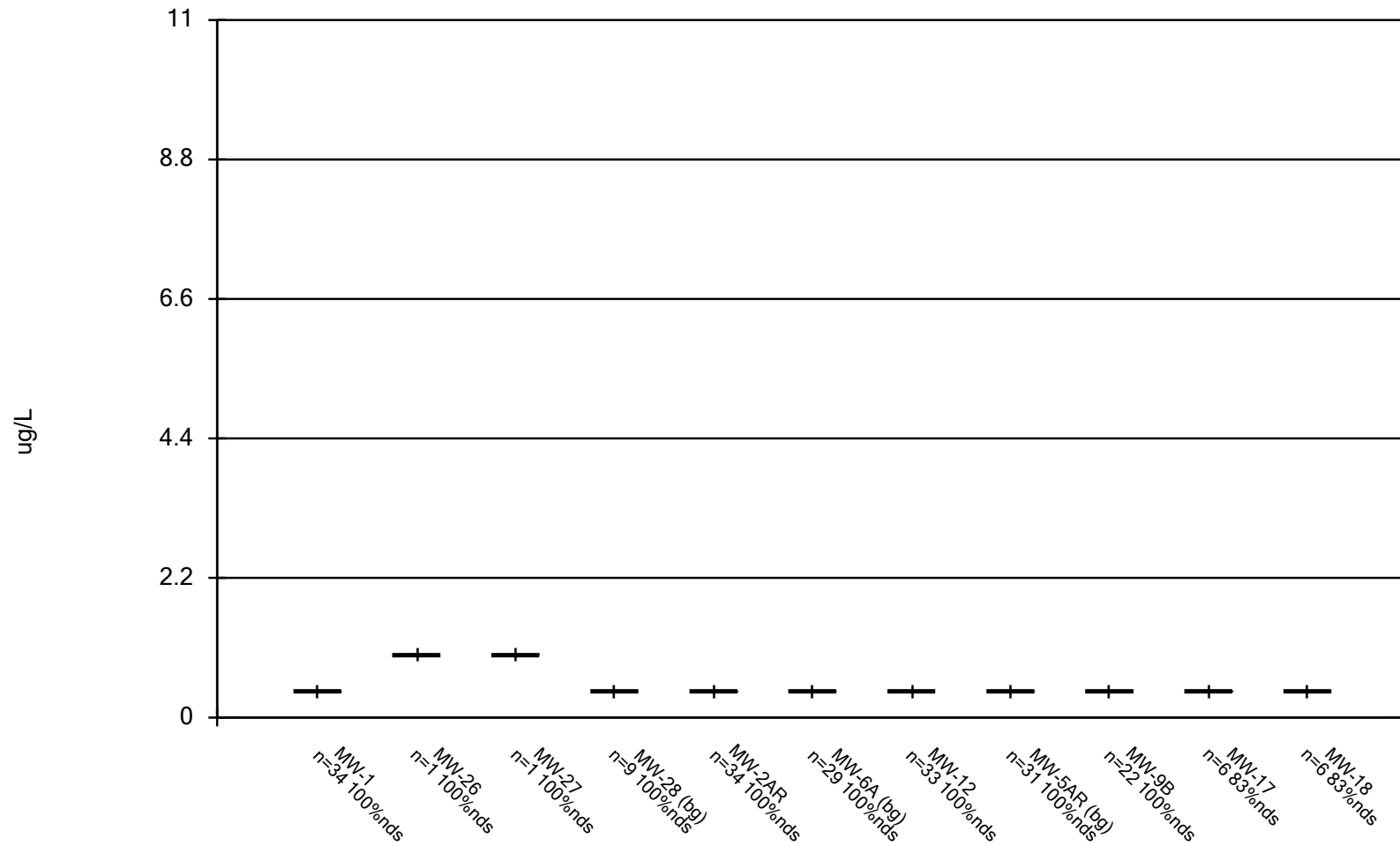
Constituent: trans-1,3-Dichloropropene Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



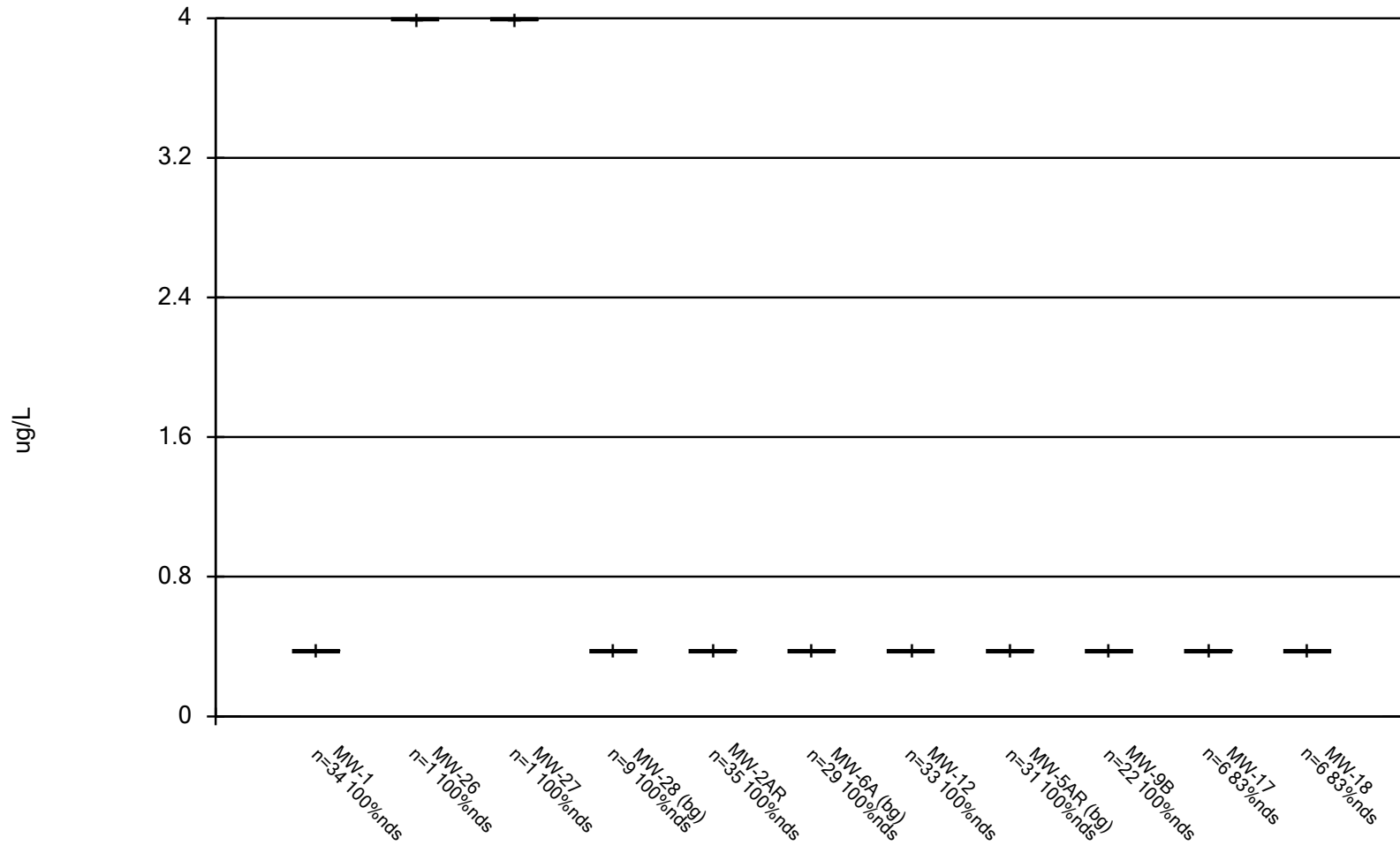
Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/11/2025 4:37 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



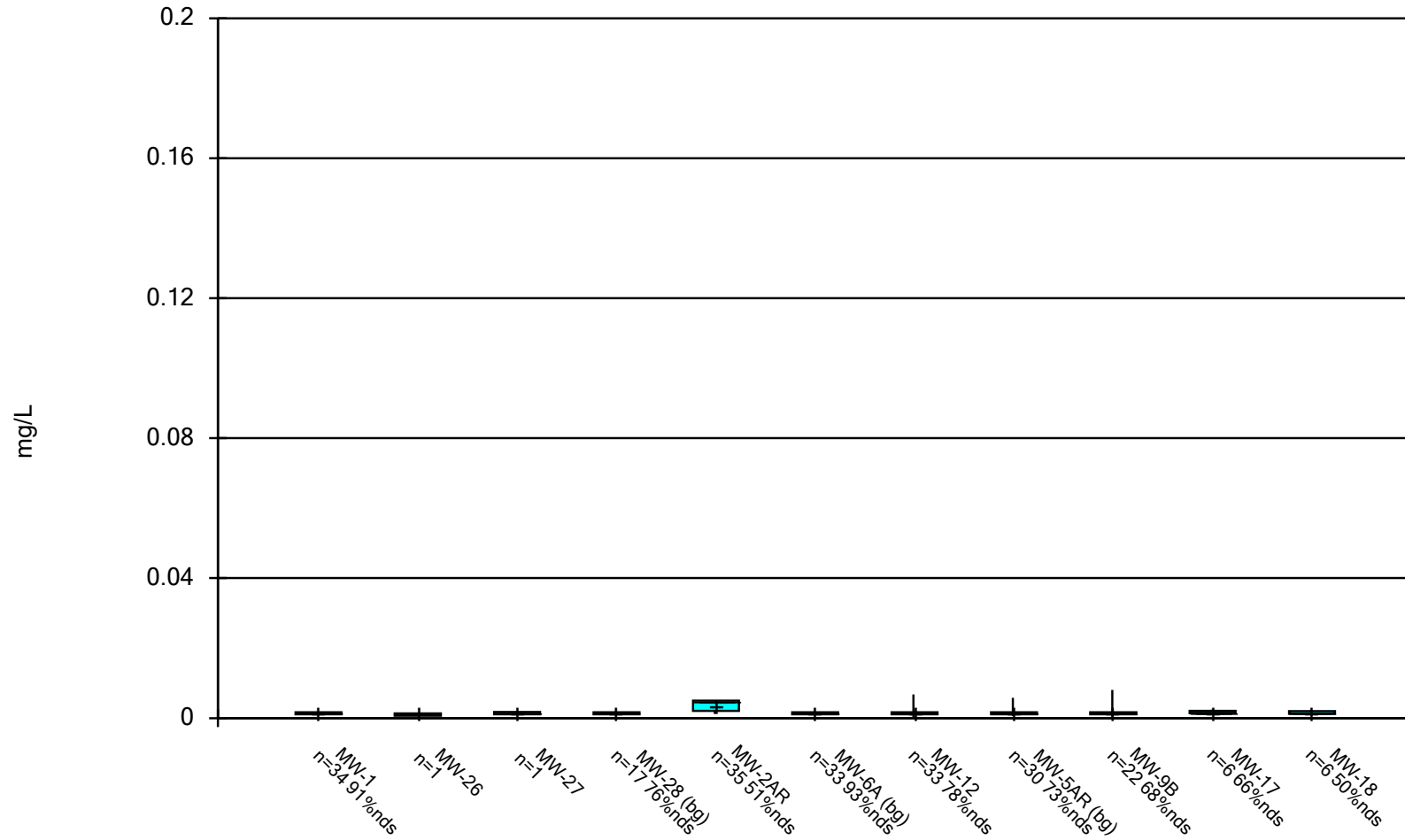
Constituent: Trichloroethene Analysis Run 6/11/2025 4:38 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



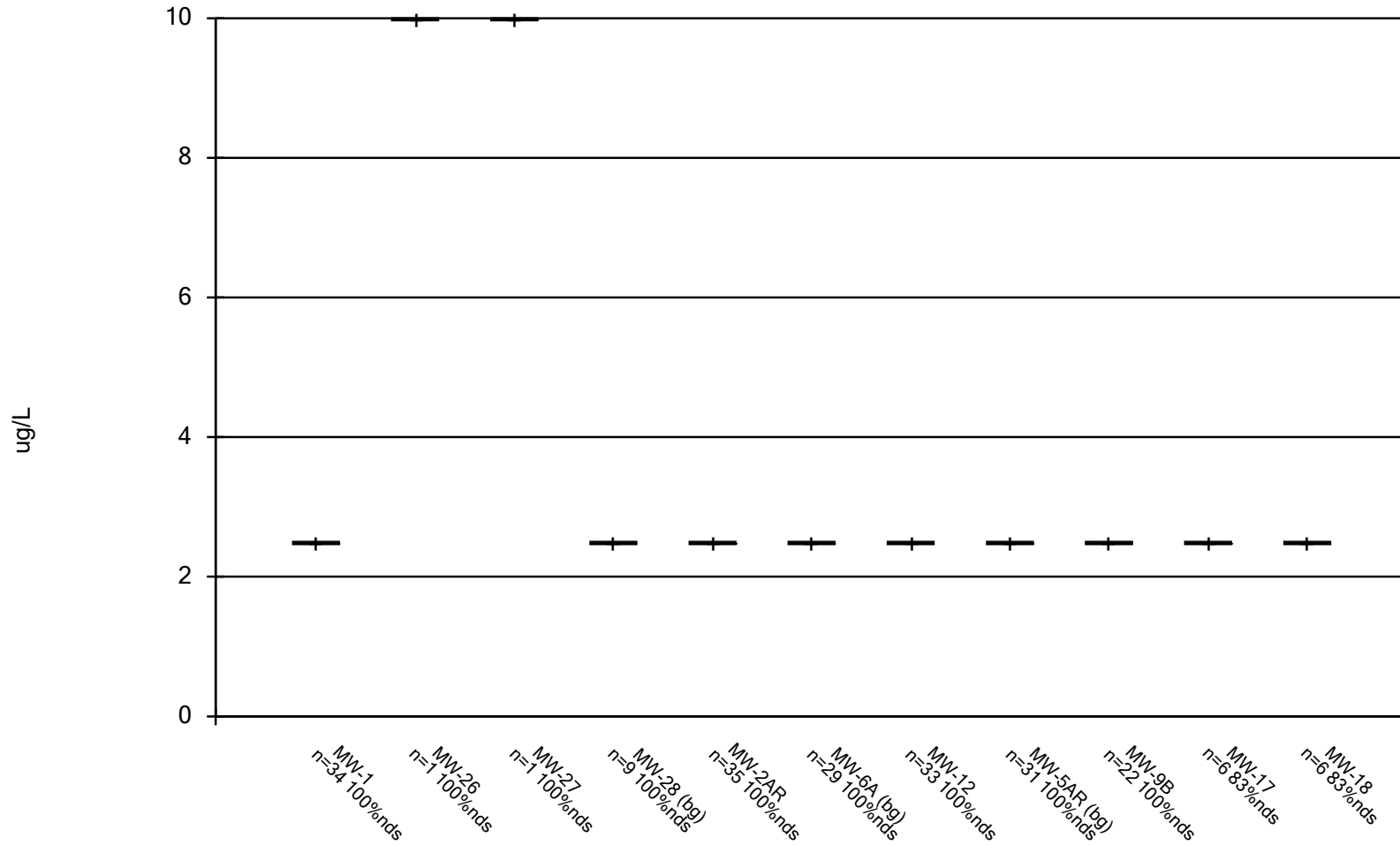
Constituent: Trichlorofluoromethane Analysis Run 6/11/2025 4:38 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



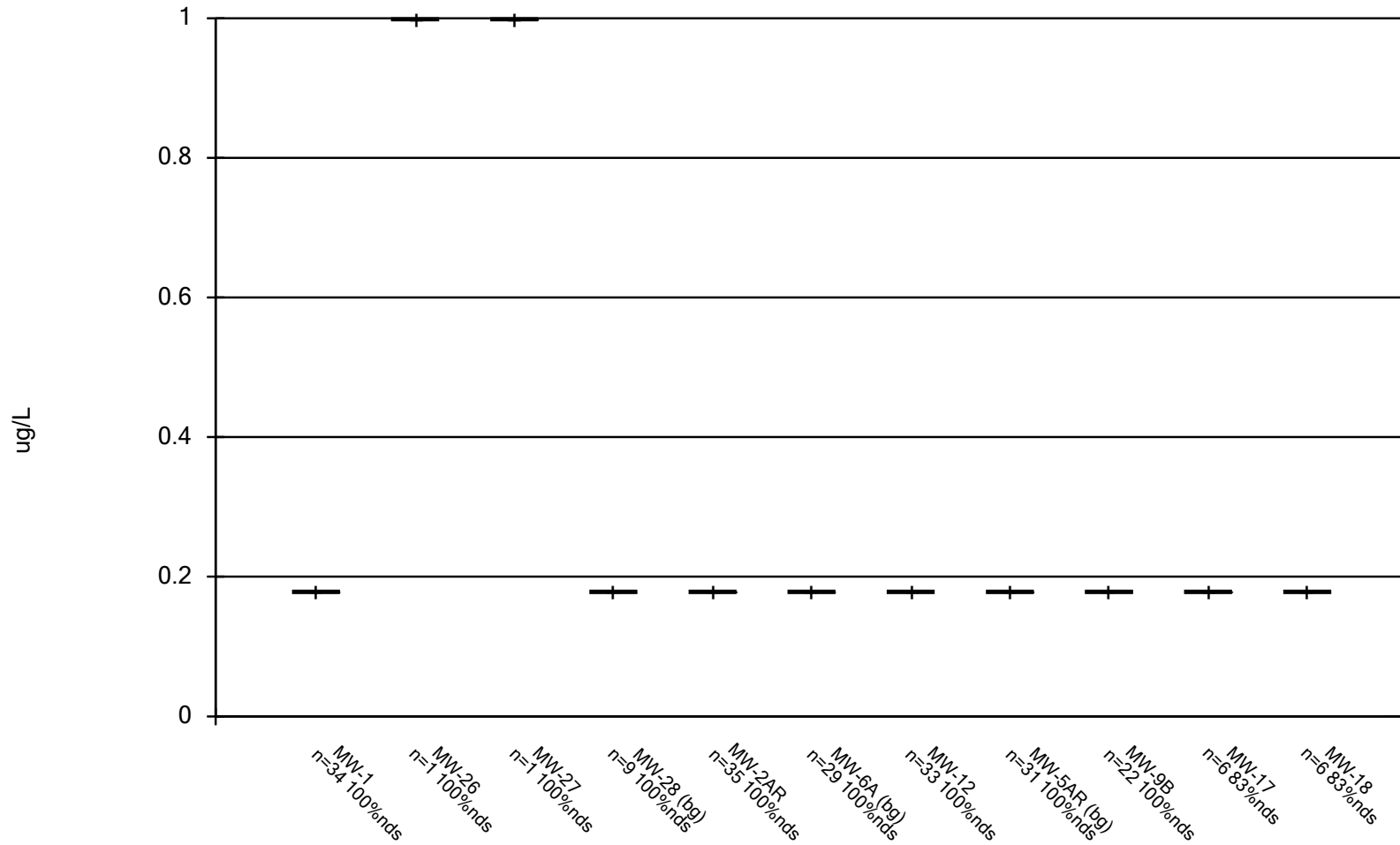
Constituent: Vanadium Analysis Run 6/11/2025 4:38 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



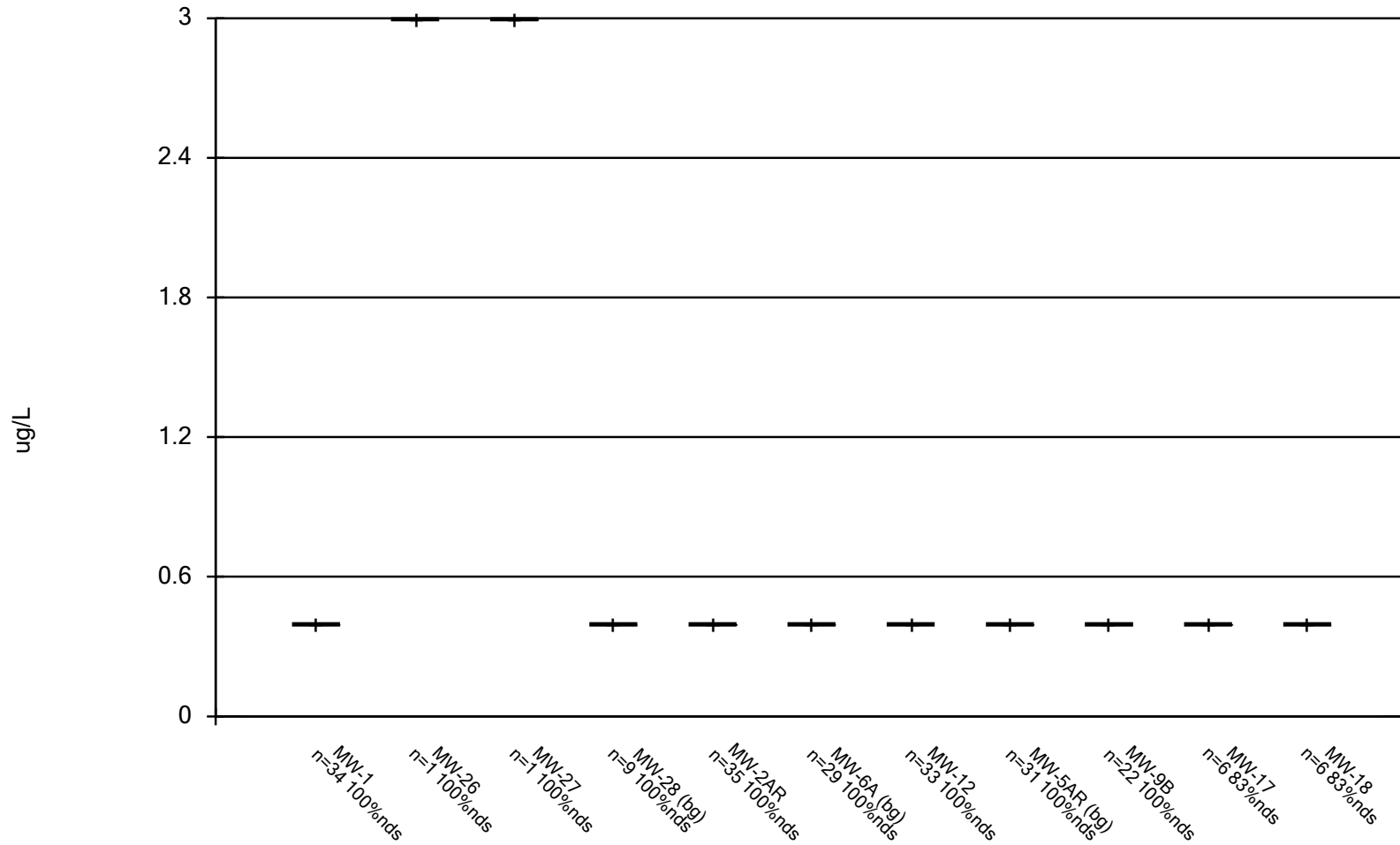
Constituent: Vinyl acetate Analysis Run 6/11/2025 4:38 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



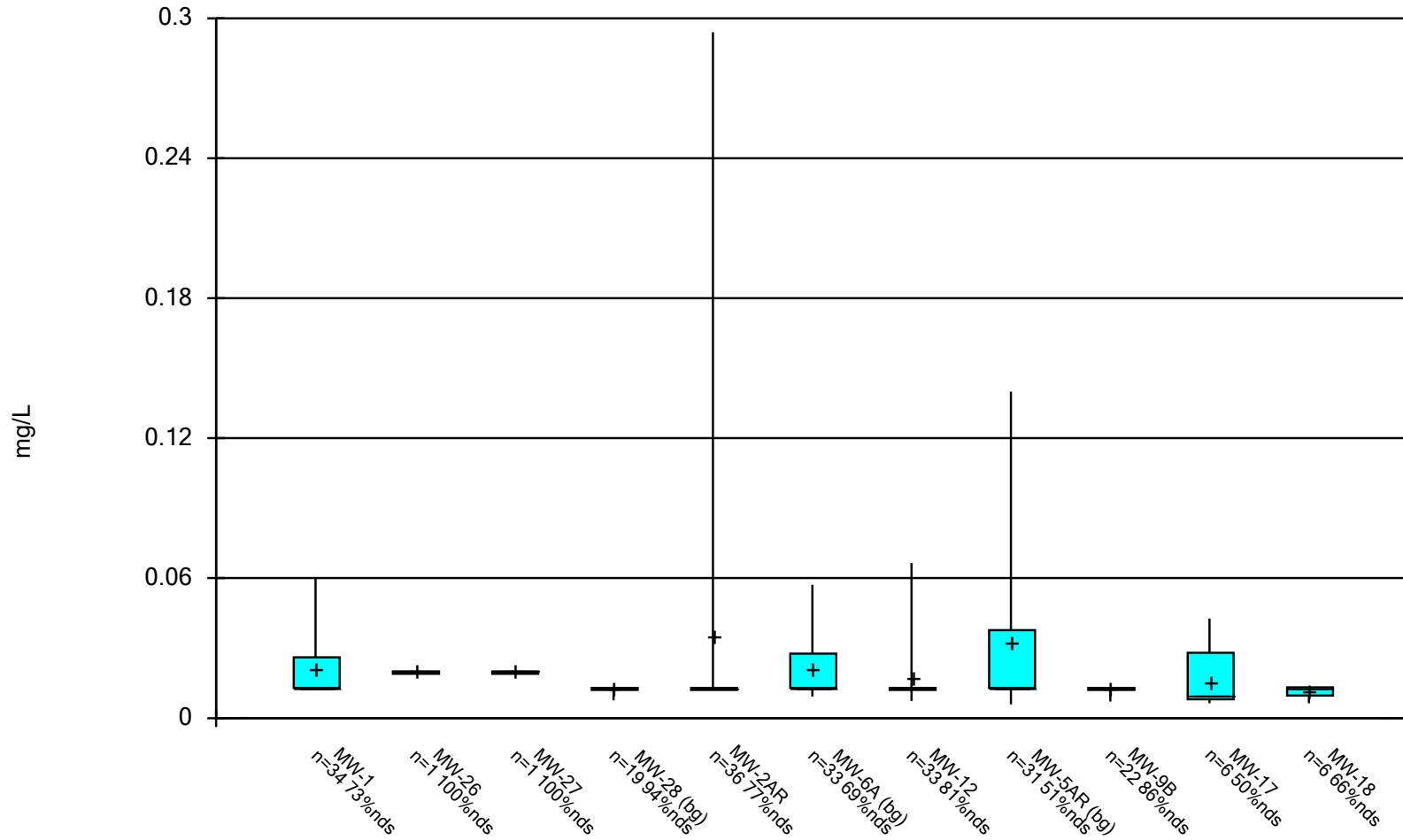
Constituent: Vinyl chloride Analysis Run 6/11/2025 4:38 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



Constituent: Xylenes, total Analysis Run 6/11/2025 4:38 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/11/2025 4:38 PM View: Well Network Review
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,1,1,2-Tetrachloroethane (ug/L)	MW-1	34	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-28 (bg)	9	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-2AR	35	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-6A (bg)	29	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-12	33	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-5AR (bg)	31	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-9B	22	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	MW-17	6	0.38	1.9e-9	7.9e-10	0.38	0.38	0.38	0.38	0.38	83.33
1,1,1,2-Tetrachloroethane (ug/L)	MW-18	6	0.38	1.9e-9	7.9e-10	0.38	0.38	0.38	0.38	0.38	83.33
1,1,1-Trichloroethane (ug/L)	MW-1	34	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
1,1,1-Trichloroethane (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
1,1,1-Trichloroethane (ug/L)	MW-28 (bg)	9	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-2AR	35	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-6A (bg)	29	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-12	33	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-5AR (bg)	31	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-9B	22	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-17	6	0.19	9.7e-10	4.0e-10	0.19	0.19	0.19	0.19	0.19	83.33
1,1,1-Trichloroethane (ug/L)	MW-18	6	0.19	9.7e-10	4.0e-10	0.19	0.19	0.19	0.19	0.19	83.33
1,1,2,2-Tetrachloroethane (ug/L)	MW-1	34	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-27	1	2	0	0	2	2	2	2	2	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-28 (bg)	9	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-2AR	35	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-6A (bg)	29	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-12	33	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-5AR (bg)	31	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-9B	22	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-17	6	0.47	4.9e-10	2.0e-10	0.47	0.47	0.47	0.47	0.47	83.33
1,1,2,2-Tetrachloroethane (ug/L)	MW-18	6	0.47	4.9e-10	2.0e-10	0.47	0.47	0.47	0.47	0.47	83.33
1,1-Dichloroethane (ug/L)	MW-1	34	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
1,1-Dichloroethane (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
1,1-Dichloroethane (ug/L)	MW-28 (bg)	9	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-2AR	36	0.249	0.08974	0.01496	0.22	0.22	0.22	0.22	0.58	88.89
1,1-Dichloroethane (ug/L)	MW-6A (bg)	29	0.2511	0.09109	0.01691	0.22	0.22	0.22	0.22	0.642	86.21
1,1-Dichloroethane (ug/L)	MW-12	33	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-5AR (bg)	31	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-9B	22	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-17	6	0.22	4.9e-10	2.0e-10	0.22	0.22	0.22	0.22	0.22	83.33
1,1-Dichloroethane (ug/L)	MW-18	6	0.22	4.9e-10	2.0e-10	0.22	0.22	0.22	0.22	0.22	83.33
1,1-Dichloroethene (ug/L)	MW-1	34	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-26	1	2	0	0	2	2	2	2	2	100
1,1-Dichloroethene (ug/L)	MW-27	1	2	0	0	2	2	2	2	2	100
1,1-Dichloroethene (ug/L)	MW-28 (bg)	9	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-2AR	35	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-6A (bg)	29	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,1-Dichloroethene (ug/L)	MW-12	33	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-5AR (bg)	31	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-9B	22	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-17	6	0.56	9.7e-10	4.0e-10	0.56	0.56	0.56	0.56	0.56	83.33
1,1-Dichloroethene (ug/L)	MW-18	6	0.56	9.7e-10	4.0e-10	0.56	0.56	0.56	0.56	0.56	83.33
1,1-Dichloropropene (ug/L)	MW-1	6	1	0	0	1	1	1	1	1	100
1,1-Dichloropropene (ug/L)	MW-2AR	4	1	0	0	1	1	1	1	1	100
1,1-Dichloropropene (ug/L)	MW-6A (bg)	1	1	0	0	1	1	1	1	1	100
1,1-Dichloropropene (ug/L)	MW-12	4	1	0	0	1	1	1	1	1	100
1,1-Dichloropropene (ug/L)	MW-9B	4	1	0	0	1	1	1	1	1	100
1,2,3-Trichloropropane (ug/L)	MW-1	34	0.59	0	0	0.59	0.59	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
1,2,3-Trichloropropane (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
1,2,3-Trichloropropane (ug/L)	MW-28 (bg)	9	0.59	0	0	0.59	0.59	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-2AR	35	0.59	0	0	0.59	0.59	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-6A (bg)	29	0.59	0	0	0.59	0.59	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-12	33	0.59	0	0	0.59	0.59	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-5AR (bg)	31	0.59	0	0	0.59	0.59	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-9B	22	0.59	0	0	0.59	0.59	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-17	6	0.59	1.1e-8	4.4e-9	0.59	0.59	0.59	0.59	0.59	83.33
1,2,3-Trichloropropane (ug/L)	MW-18	6	0.59	1.1e-8	4.4e-9	0.59	0.59	0.59	0.59	0.59	83.33
1,2-Dibromo-3-chloropropane (ug/L)	MW-1	34	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-26	1	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-27	1	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-28 (bg)	9	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-2AR	35	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-6A (bg)	29	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-12	33	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-5AR (bg)	31	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-9B	22	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-17	6	1.2	1.9e-8	7.9e-9	1.2	1.2	1.2	1.2	1.2	83.33
1,2-Dibromo-3-chloropropane (ug/L)	MW-18	6	1.2	1.9e-8	7.9e-9	1.2	1.2	1.2	1.2	1.2	83.33
1,2-Dibromoethane [EDB] (ug/L)	MW-1	34	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-26	1	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-27	1	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-28 (bg)	9	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-2AR	35	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-6A (bg)	29	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-12	33	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-5AR (bg)	31	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-9B	22	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-17	6	0.34	1.5e-9	6.0e-10	0.34	0.34	0.34	0.34	0.34	83.33
1,2-Dibromoethane [EDB] (ug/L)	MW-18	6	0.34	1.5e-9	6.0e-10	0.34	0.34	0.34	0.34	0.34	83.33
1,2-Dichlorobenzene (ug/L)	MW-1	34	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
1,2-Dichlorobenzene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
1,2-Dichlorobenzene (ug/L)	MW-28 (bg)	9	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-2AR	35	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-6A (bg)	29	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-12	33	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,2-Dichlorobenzene (ug/L)	MW-5AR (bg)	31	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-9B	22	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-17	6	0.37	1.9e-9	7.9e-10	0.37	0.37	0.37	0.37	0.37	83.33
1,2-Dichlorobenzene (ug/L)	MW-18	6	0.37	1.9e-9	7.9e-10	0.37	0.37	0.37	0.37	0.37	83.33
1,2-Dichloroethane (ug/L)	MW-1	34	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
1,2-Dichloroethane (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
1,2-Dichloroethane (ug/L)	MW-28 (bg)	9	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-2AR	35	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-6A (bg)	29	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-12	33	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-5AR (bg)	31	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-9B	22	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-17	6	0.39	5.8e-9	2.4e-9	0.39	0.39	0.39	0.39	0.39	83.33
1,2-Dichloroethane (ug/L)	MW-18	6	0.39	5.8e-9	2.4e-9	0.39	0.39	0.39	0.39	0.39	83.33
1,2-Dichloropropane (ug/L)	MW-1	34	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
1,2-Dichloropropane (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
1,2-Dichloropropane (ug/L)	MW-28 (bg)	9	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-2AR	35	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-6A (bg)	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-12	33	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-5AR (bg)	31	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-9B	22	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-17	6	0.27	4.4e-9	1.8e-9	0.27	0.27	0.27	0.27	0.27	83.33
1,2-Dichloropropane (ug/L)	MW-18	6	0.27	4.4e-9	1.8e-9	0.27	0.27	0.27	0.27	0.27	83.33
1,4-Dichlorobenzene (ug/L)	MW-1	34	0.23	0	0	0.23	0.23	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
1,4-Dichlorobenzene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
1,4-Dichlorobenzene (ug/L)	MW-28 (bg)	9	0.23	0	0	0.23	0.23	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-2AR	31	1.014	0.2861	0.05139	1	1	1	0.338	1.85	61.29
1,4-Dichlorobenzene (ug/L)	MW-6A (bg)	29	0.23	0	0	0.23	0.23	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-12	33	0.23	0	0	0.23	0.23	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-5AR (bg)	31	0.23	0	0	0.23	0.23	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-9B	22	0.23	0	0	0.23	0.23	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-17	6	0.23	1.7e-9	7.0e-10	0.23	0.23	0.23	0.23	0.23	83.33
1,4-Dichlorobenzene (ug/L)	MW-18	6	0.23	1.7e-9	7.0e-10	0.23	0.23	0.23	0.23	0.23	83.33
2-Butanone [MEK] (ug/L)	MW-1	34	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-26	1	10	0	0	10	10	10	10	10	100
2-Butanone [MEK] (ug/L)	MW-27	1	10	0	0	10	10	10	10	10	100
2-Butanone [MEK] (ug/L)	MW-28 (bg)	9	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-2AR	35	2.073	0.1623	0.02743	2.1	2.1	2.1	1.14	2.1	97.14
2-Butanone [MEK] (ug/L)	MW-6A (bg)	29	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-12	33	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-5AR (bg)	31	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-9B	22	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-17	5	2.1	4.3e-8	1.9e-8	2.1	2.1	2.1	2.1	2.1	80
2-Butanone [MEK] (ug/L)	MW-18	6	2.1	3.9e-8	1.6e-8	2.1	2.1	2.1	2.1	2.1	83.33
2-Hexanone (ug/L)	MW-1	34	2	0	0	2	2	2	2	2	100
2-Hexanone (ug/L)	MW-26	1	10	0	0	10	10	10	10	10	100

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
2-Hexanone (ug/L)	MW-27	1	10	0	0	10	10	10	10	10	100
2-Hexanone (ug/L)	MW-28 (bg)	9	2	0	0	2	2	2	2	2	100
2-Hexanone (ug/L)	MW-2AR	35	2	0	0	2	2	2	2	2	100
2-Hexanone (ug/L)	MW-6A (bg)	29	2	0	0	2	2	2	2	2	100
2-Hexanone (ug/L)	MW-12	33	2	0	0	2	2	2	2	2	100
2-Hexanone (ug/L)	MW-5AR (bg)	31	2	0	0	2	2	2	2	2	100
2-Hexanone (ug/L)	MW-9B	22	2	0	0	2	2	2	2	2	100
2-Hexanone (ug/L)	MW-17	6	2	0	0	2	2	2	2	2	83.33
2-Hexanone (ug/L)	MW-18	6	2	0	0	2	2	2	2	2	83.33
4-Methyl-2-Pentanone (ug/L)	MW-1	4	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-Pentanone (ug/L)	MW-28 (bg)	4	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-Pentanone (ug/L)	MW-2AR	4	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-Pentanone (ug/L)	MW-6A (bg)	4	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-Pentanone (ug/L)	MW-12	4	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-Pentanone (ug/L)	MW-5AR (bg)	3	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-Pentanone (ug/L)	MW-9B	4	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-Pentanone (ug/L)	MW-17	6	2.1	3.9e-8	1.6e-8	2.1	2.1	2.1	2.1	2.1	83.33
4-Methyl-2-Pentanone (ug/L)	MW-18	6	2.1	3.9e-8	1.6e-8	2.1	2.1	2.1	2.1	2.1	83.33
Acetone (ug/L)	MW-1	34	3.4	1.041	0.1785	3.1	3.1	3.1	1.94	7.19	85.29
Acetone (ug/L)	MW-26	1	10	0	0	10	10	10	10	10	100
Acetone (ug/L)	MW-27	1	10	0	0	10	10	10	10	10	100
Acetone (ug/L)	MW-28 (bg)	9	3.1	0	0	3.1	3.1	3.1	3.1	3.1	100
Acetone (ug/L)	MW-2AR	35	4.278	4.997	0.8447	3.1	3.1	3.1	3.1	32.4	80
Acetone (ug/L)	MW-6A (bg)	29	3.017	0.2516	0.04672	3.1	3.1	3.1	2.18	3.1	89.66
Acetone (ug/L)	MW-12	33	3.168	0.5816	0.1012	3.1	3.1	3.1	2.17	6.28	93.94
Acetone (ug/L)	MW-5AR (bg)	31	3.1	0	0	3.1	3.1	3.1	3.1	3.1	100
Acetone (ug/L)	MW-9B	22	3.233	0.6257	0.1334	3.1	3.1	3.1	3.1	6.035	95.45
Acetone (ug/L)	MW-17	5	3.706	1.355	0.606	3.1	3.1	4.615	3.1	6.13	60
Acetone (ug/L)	MW-18	6	3.97	2.131	0.87	3.1	3.1	5.71	3.1	8.32	66.67
Acrylonitrile (ug/L)	MW-1	34	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-26	1	10	0	0	10	10	10	10	10	100
Acrylonitrile (ug/L)	MW-27	1	10	0	0	10	10	10	10	10	100
Acrylonitrile (ug/L)	MW-28 (bg)	9	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-2AR	35	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-6A (bg)	29	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-12	33	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-5AR (bg)	31	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-9B	22	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-17	6	2.2	1.9e-8	7.9e-9	2.2	2.2	2.2	2.2	2.2	83.33
Acrylonitrile (ug/L)	MW-18	6	2.2	1.9e-8	7.9e-9	2.2	2.2	2.2	2.2	2.2	83.33
Antimony (mg/L)	MW-1	34	0.001016	0.0002101	0.00003603	0.001	0.001	0.001	0.000656	0.002135	91.18
Antimony (mg/L)	MW-26	1	0.00189	0	0	0.00189	0.00189	0.00189	0.00189	0.00189	0
Antimony (mg/L)	MW-27	1	0.000749	0	0	0.000749	0.000749	0.000749	0.000749	0.000749	0
Antimony (mg/L)	MW-28 (bg)	19	0.000962	0.0001656	0.000038	0.001	0.001	0.001	0.000278	0.001	94.74
Antimony (mg/L)	MW-2AR	35	0.0009876	0.0001378	0.00002329	0.001	0.001	0.001	0.000255	0.00131	94.29
Antimony (mg/L)	MW-6A (bg)	33	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-12	33	0.001065	0.000578	0.0001006	0.001	0.001	0.001	0.000175	0.00418	90.91
Antimony (mg/L)	MW-5AR (bg)	31	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-9B	22	0.0008992	0.0002605	0.00005553	0.001	0.001	0.001	0.000192	0.001	86.36
Antimony (mg/L)	MW-17	6	0.001	1.9e-11	7.9e-12	0.001	0.001	0.001	0.001	0.001	83.33

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Antimony (mg/L)	MW-18	6	0.001	1.9e-11	7.9e-12	0.001	0.001	0.001	0.001	0.001	83.33
Arsenic (mg/L)	MW-1	35	0.006561	0.004639	0.0007841	0.005235	0.00402	0.007325	0.0005	0.021	2.857
Arsenic (mg/L)	MW-20	12	0.04269	0.03132	0.009041	0.0353	0.02345	0.04575	0.0102	0.123	0
Arsenic (mg/L)	MW-21	12	0.01322	0.006818	0.001968	0.01415	0.006555	0.0186	0.0034	0.0242	0
Arsenic (mg/L)	MW-26	13	0.01736	0.01053	0.00292	0.0158	0.01	0.0306	0.001	0.0313	7.692
Arsenic (mg/L)	MW-27	7	0.01404	0.01256	0.004748	0.00857	0.00239	0.028	0.00111	0.0336	0
Arsenic (mg/L)	MW-28 (bg)	19	0.0005909	0.0001122	0.00002575	0.00053	0.00053	0.000641	0.00053	0.000833	73.68
Arsenic (mg/L)	MW-2AR	36	0.05243	0.01635	0.002725	0.054	0.03965	0.0663	0.0103	0.07785	0
Arsenic (mg/L)	MW-6A (bg)	33	0.0005325	0.00001854	0.000003228	0.00053	0.00053	0.00053	0.00051	0.000634	93.94
Arsenic (mg/L)	MW-12	32	0.0007	0.0005291	0.00009354	0.00053	0.00053	0.00053	0.00053	0.00296	78.13
Arsenic (mg/L)	MW-5AR (bg)	31	0.002818	0.008215	0.001475	0.00053	0.00053	0.00133	0.000522	0.0441	61.29
Arsenic (mg/L)	MW-9B	22	0.002245	0.0009492	0.0002024	0.002475	0.00112	0.002983	0.000686	0.00387	0
Arsenic (mg/L)	MW-17	6	0.003712	0.002929	0.001196	0.003305	0.00109	0.00674	0.00053	0.00837	0
Arsenic (mg/L)	MW-18	6	0.001913	0.001243	0.0005073	0.00156	0.00077	0.00341	0.00053	0.00364	0
Barium (mg/L)	MW-1	34	0.1435	0.01865	0.003198	0.143	0.1305	0.1553	0.11	0.184	0
Barium (mg/L)	MW-26	1	0.181	0	0	0.181	0.181	0.181	0.181	0.181	0
Barium (mg/L)	MW-27	1	0.0446	0	0	0.0446	0.0446	0.0446	0.0446	0.0446	0
Barium (mg/L)	MW-28 (bg)	18	0.05992	0.01609	0.003793	0.06275	0.0441	0.07205	0.0368	0.0954	0
Barium (mg/L)	MW-2AR	36	1.278	0.5387	0.08979	1.145	0.908	1.643	0.276	2.75	0
Barium (mg/L)	MW-6A (bg)	33	0.2765	0.0691	0.01203	0.263	0.213	0.343	0.178	0.401	0
Barium (mg/L)	MW-12	34	0.07213	0.01344	0.002305	0.06915	0.06283	0.07965	0.0515	0.119	0
Barium (mg/L)	MW-5AR (bg)	29	0.05998	0.04832	0.008972	0.044	0.0384	0.05475	0.03	0.272	0
Barium (mg/L)	MW-9B	22	0.03004	0.007236	0.001543	0.02885	0.0241	0.034	0.02	0.0454	0
Barium (mg/L)	MW-17	6	0.1282	0.08984	0.03668	0.132	0.03647	0.216	0.00064	0.25	0
Barium (mg/L)	MW-18	6	0.06427	0.03151	0.01287	0.0749	0.03597	0.08195	0.00064	0.0829	0
Benzene (ug/L)	MW-1	34	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-26	1	0.5	0	0	0.5	0.5	0.5	0.5	0.5	100
Benzene (ug/L)	MW-27	1	0.5	0	0	0.5	0.5	0.5	0.5	0.5	100
Benzene (ug/L)	MW-28 (bg)	9	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-2AR	36	1.588	1.304	0.2173	0.9585	0.4795	2.795	0.11	4.48	8.333
Benzene (ug/L)	MW-6A (bg)	29	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-12	33	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-5AR (bg)	31	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-9B	22	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-17	6	0.22	4.9e-10	2.0e-10	0.22	0.22	0.22	0.22	0.22	83.33
Benzene (ug/L)	MW-18	6	0.22	4.9e-10	2.0e-10	0.22	0.22	0.22	0.22	0.22	83.33
Beryllium (mg/L)	MW-1	34	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-26	1	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Beryllium (mg/L)	MW-27	1	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Beryllium (mg/L)	MW-28 (bg)	19	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-2AR	35	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-6A (bg)	33	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-12	33	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-5AR (bg)	31	0.0003892	0.0003296	0.00005919	0.00033	0.00033	0.00033	0.00033	0.002165	96.77
Beryllium (mg/L)	MW-9B	22	0.0003171	0.00006055	0.00001291	0.00033	0.00033	0.00033	0.000046	0.00033	95.45
Beryllium (mg/L)	MW-17	6	0.00033	4.0e-12	1.6e-12	0.00033	0.00033	0.00033	0.00033	0.00033	83.33
Beryllium (mg/L)	MW-18	6	0.00033	4.0e-12	1.6e-12	0.00033	0.00033	0.00033	0.00033	0.00033	83.33
beta-BHC (ug/L)	MW-1	6	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
beta-BHC (ug/L)	MW-2AR	4	0.0615	0	0	0.0615	0.0615	0.0615	0.0615	0.0615	100
beta-BHC (ug/L)	MW-6A (bg)	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
beta-BHC (ug/L)	MW-12	4	0.05713	0.03454	0.01727	0.0744	0.03986	0.0744	0.00532	0.0744	75
beta-BHC (ug/L)	MW-9B	4	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Bromochloromethane (ug/L)	MW-1	34	0.54	0	0	0.54	0.54	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-26	1	5	0	0	5	5	5	5	5	100
Bromochloromethane (ug/L)	MW-27	1	5	0	0	5	5	5	5	5	100
Bromochloromethane (ug/L)	MW-28 (bg)	9	0.54	0	0	0.54	0.54	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-2AR	35	0.54	0	0	0.54	0.54	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-6A (bg)	29	0.54	0	0	0.54	0.54	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-12	33	0.54	0	0	0.54	0.54	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-5AR (bg)	31	0.54	0	0	0.54	0.54	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-9B	22	0.54	0	0	0.54	0.54	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-17	6	0.54	8.8e-9	3.6e-9	0.54	0.54	0.54	0.54	0.54	83.33
Bromochloromethane (ug/L)	MW-18	6	0.54	8.8e-9	3.6e-9	0.54	0.54	0.54	0.54	0.54	83.33
Bromodichloromethane (ug/L)	MW-1	34	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Bromodichloromethane (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
Bromodichloromethane (ug/L)	MW-28 (bg)	9	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-2AR	34	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-6A (bg)	29	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-12	33	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-5AR (bg)	31	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-9B	22	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-17	6	0.39	5.8e-9	2.4e-9	0.39	0.39	0.39	0.39	0.39	83.33
Bromodichloromethane (ug/L)	MW-18	6	0.39	5.8e-9	2.4e-9	0.39	0.39	0.39	0.39	0.39	83.33
Bromoform (ug/L)	MW-1	34	0.78	0	0	0.78	0.78	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-26	1	5	0	0	5	5	5	5	5	100
Bromoform (ug/L)	MW-27	1	5	0	0	5	5	5	5	5	100
Bromoform (ug/L)	MW-28 (bg)	9	0.78	0	0	0.78	0.78	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-2AR	35	0.78	0	0	0.78	0.78	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-6A (bg)	29	0.78	0	0	0.78	0.78	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-12	33	0.78	0	0	0.78	0.78	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-5AR (bg)	31	0.78	0	0	0.78	0.78	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-9B	22	0.78	0	0	0.78	0.78	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-17	6	0.78	1.2e-8	4.8e-9	0.78	0.78	0.78	0.78	0.78	83.33
Bromoform (ug/L)	MW-18	6	0.78	1.2e-8	4.8e-9	0.78	0.78	0.78	0.78	0.78	83.33
Bromomethane (ug/L)	MW-1	34	1.067	0.1926	0.03303	1.1	1.1	1.1	0.2975	1.47	91.18
Bromomethane (ug/L)	MW-26	1	4	0	0	4	4	4	4	4	100
Bromomethane (ug/L)	MW-27	1	4	0	0	4	4	4	4	4	100
Bromomethane (ug/L)	MW-28 (bg)	9	1.039	0.2185	0.07282	1.1	1.1	1.1	0.462	1.19	77.78
Bromomethane (ug/L)	MW-2AR	34	1.075	0.147	0.02521	1.1	1.1	1.1	0.243	1.1	97.06
Bromomethane (ug/L)	MW-6A (bg)	29	1.077	0.1685	0.03129	1.1	1.1	1.1	0.222	1.3	93.1
Bromomethane (ug/L)	MW-12	33	1.078	0.1425	0.02481	1.1	1.1	1.1	0.289	1.19	93.94
Bromomethane (ug/L)	MW-5AR (bg)	31	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Bromomethane (ug/L)	MW-9B	22	1.067	0.1531	0.03264	1.1	1.1	1.1	0.382	1.1	95.45
Bromomethane (ug/L)	MW-17	6	1.1	9.7e-9	4.0e-9	1.1	1.1	1.1	1.1	1.1	83.33
Bromomethane (ug/L)	MW-18	6	1.1	9.7e-9	4.0e-9	1.1	1.1	1.1	1.1	1.1	83.33
Cadmium (mg/L)	MW-1	34	0.0001851	0.000219	0.00003755	0.0001	0.0001	0.0001	0.000067	0.000954	61.76
Cadmium (mg/L)	MW-26	1	0.00016	0	0	0.00016	0.00016	0.00016	0.00016	0.00016	0
Cadmium (mg/L)	MW-27	1	0.0001	0	0	0.0001	0.0001	0.0001	0.0001	0.0001	100
Cadmium (mg/L)	MW-28 (bg)	19	0.0001715	0.00006423	0.00001474	0.000186	0.0001	0.00023	0.000062	0.00027	21.05

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Cadmium (mg/L)	MW-2AR	35	0.0003802	0.001337	0.000226	0.0001	0.0001	0.0001	0.000054	0.00793	80
Cadmium (mg/L)	MW-6A (bg)	33	0.0001325	0.00009281	0.00001616	0.0001	0.0001	0.0001	0.000088	0.000524	78.79
Cadmium (mg/L)	MW-12	33	0.0001119	0.00005115	0.000008903	0.0001	0.0001	0.0001	0.000051	0.000276	66.67
Cadmium (mg/L)	MW-5AR (bg)	31	0.0004294	0.001034	0.0001857	0.0001	0.0001	0.0001	0.000036	0.00536	64.52
Cadmium (mg/L)	MW-9B	22	0.0001232	0.00005485	0.00001169	0.0001	0.0001	0.000174	0.0000465	0.000271	45.45
Cadmium (mg/L)	MW-17	6	0.0001383	0.00008768	0.0000358	0.0001	0.0001	0.000215	0.0001	0.000317	50
Cadmium (mg/L)	MW-18	6	0.0001	1.0e-12	4.2e-13	0.0001	0.0001	0.0001	0.0001	0.0001	83.33
Carbon disulfide (ug/L)	MW-1	34	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Carbon disulfide (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
Carbon disulfide (ug/L)	MW-28 (bg)	9	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-2AR	35	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-6A (bg)	29	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-12	33	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-5AR (bg)	30	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-9B	22	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-17	6	0.45	4.9e-9	2.0e-9	0.45	0.45	0.45	0.45	0.45	83.33
Carbon disulfide (ug/L)	MW-18	6	0.45	4.9e-9	2.0e-9	0.45	0.45	0.45	0.45	0.45	83.33
Carbon Tetrachloride (ug/L)	MW-1	34	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-26	1	2	0	0	2	2	2	2	2	100
Carbon Tetrachloride (ug/L)	MW-27	1	2	0	0	2	2	2	2	2	100
Carbon Tetrachloride (ug/L)	MW-28 (bg)	9	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-2AR	35	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-6A (bg)	29	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-12	33	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-5AR (bg)	31	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-9B	22	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-17	6	0.65	9.7e-9	4.0e-9	0.65	0.65	0.65	0.65	0.65	83.33
Carbon Tetrachloride (ug/L)	MW-18	6	0.65	9.7e-9	4.0e-9	0.65	0.65	0.65	0.65	0.65	83.33
Chlorobenzene (ug/L)	MW-1	34	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Chlorobenzene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
Chlorobenzene (ug/L)	MW-28 (bg)	9	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-2AR	35	5.735	4.238	0.7163	3.06	1.42	10	0.482	10	48.57
Chlorobenzene (ug/L)	MW-6A (bg)	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-12	33	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-5AR (bg)	31	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-9B	22	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-17	6	0.4	2.4e-9	9.9e-10	0.4	0.4	0.4	0.4	0.4	83.33
Chlorobenzene (ug/L)	MW-18	6	0.4	2.4e-9	9.9e-10	0.4	0.4	0.4	0.4	0.4	83.33
Chloroethane (ug/L)	MW-1	34	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-26	1	4	0	0	4	4	4	4	4	100
Chloroethane (ug/L)	MW-27	1	4	0	0	4	4	4	4	4	100
Chloroethane (ug/L)	MW-28 (bg)	9	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-2AR	36	10.04	8.625	1.437	8.11	2.71	13.6	0.946	41.8	13.89
Chloroethane (ug/L)	MW-6A (bg)	29	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-12	33	0.7945	0.02006	0.003492	0.79	0.79	0.79	0.79	0.9	93.94
Chloroethane (ug/L)	MW-5AR (bg)	31	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-9B	22	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-17	6	0.79	8.8e-9	3.6e-9	0.79	0.79	0.79	0.79	0.79	83.33

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Chloroethane (ug/L)	MW-18	6	0.79	8.8e-9	3.6e-9	0.79	0.79	0.79	0.79	0.79	83.33
Chloroform (ug/L)	MW-1	34	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-26	1	3	0	0	3	3	3	3	3	100
Chloroform (ug/L)	MW-27	1	3	0	0	3	3	3	3	3	100
Chloroform (ug/L)	MW-28 (bg)	9	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-2AR	35	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-6A (bg)	29	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-12	33	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-5AR (bg)	31	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-9B	22	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-17	6	1.3	1.9e-8	7.9e-9	1.3	1.3	1.3	1.3	1.3	83.33
Chloroform (ug/L)	MW-18	6	1.3	1.9e-8	7.9e-9	1.3	1.3	1.3	1.3	1.3	83.33
Chloromethane (ug/L)	MW-1	34	0.6247	0.08575	0.01471	0.61	0.61	0.61	0.61	1.11	97.06
Chloromethane (ug/L)	MW-26	1	3	0	0	3	3	3	3	3	100
Chloromethane (ug/L)	MW-27	1	3	0	0	3	3	3	3	3	100
Chloromethane (ug/L)	MW-28 (bg)	9	0.6431	0.09933	0.03311	0.61	0.61	0.61	0.61	0.908	88.89
Chloromethane (ug/L)	MW-2AR	35	0.6246	0.08621	0.01457	0.61	0.61	0.61	0.61	1.12	97.14
Chloromethane (ug/L)	MW-6A (bg)	29	0.6146	0.02451	0.004552	0.61	0.61	0.61	0.61	0.742	96.55
Chloromethane (ug/L)	MW-12	33	0.6596	0.2168	0.03774	0.61	0.61	0.61	0.61	1.778	93.94
Chloromethane (ug/L)	MW-5AR (bg)	31	0.6023	0.04311	0.007742	0.61	0.61	0.61	0.37	0.61	96.77
Chloromethane (ug/L)	MW-9B	22	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-17	6	0.61	5.8e-9	2.4e-9	0.61	0.61	0.61	0.61	0.61	83.33
Chloromethane (ug/L)	MW-18	6	0.61	5.8e-9	2.4e-9	0.61	0.61	0.61	0.61	0.61	83.33
Chromium (mg/L)	MW-1	34	0.00179	0.00006002	0.00001029	0.0018	0.0018	0.0018	0.00145	0.0018	97.06
Chromium (mg/L)	MW-26	1	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Chromium (mg/L)	MW-27	1	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Chromium (mg/L)	MW-28 (bg)	19	0.001756	0.0001468	0.00003367	0.0018	0.0018	0.0018	0.00118	0.0018	84.21
Chromium (mg/L)	MW-2AR	35	0.001753	0.0001837	0.00003105	0.0018	0.0018	0.0018	0.000825	0.00185	82.86
Chromium (mg/L)	MW-6A (bg)	32	0.001782	0.00006961	0.0000123	0.0018	0.0018	0.0018	0.00148	0.0018	93.75
Chromium (mg/L)	MW-12	32	0.001982	0.0005829	0.000103	0.0018	0.0018	0.0018	0.0018	0.00412	90.63
Chromium (mg/L)	MW-5AR (bg)	29	0.0018	0.0005869	0.000109	0.0018	0.0018	0.0018	0.000497	0.00434	89.66
Chromium (mg/L)	MW-9B	22	0.001922	0.0005735	0.0001223	0.0018	0.0018	0.0018	0.0018	0.00449	95.45
Chromium (mg/L)	MW-17	6	0.001683	0.0002858	0.0001167	0.0018	0.00145	0.0018	0.0011	0.0018	83.33
Chromium (mg/L)	MW-18	6	0.001683	0.0002858	0.0001167	0.0018	0.00145	0.0018	0.0011	0.0018	83.33
cis-1,2-Dichloroethene (ug/L)	MW-1	34	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
cis-1,2-Dichloroethene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
cis-1,2-Dichloroethene (ug/L)	MW-28 (bg)	9	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-2AR	34	0.2148	0.02238	0.003838	0.21	0.21	0.21	0.21	0.336	94.12
cis-1,2-Dichloroethene (ug/L)	MW-6A (bg)	28	0.273	0.1449	0.02738	0.21	0.21	0.21	0.21	0.824	78.57
cis-1,2-Dichloroethene (ug/L)	MW-12	33	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-5AR (bg)	31	0.2487	0.2155	0.03871	0.21	0.21	0.21	0.21	1.41	96.77
cis-1,2-Dichloroethene (ug/L)	MW-9B	22	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-17	6	0.21	2.7e-9	1.1e-9	0.21	0.21	0.21	0.21	0.21	83.33
cis-1,2-Dichloroethene (ug/L)	MW-18	6	0.21	2.7e-9	1.1e-9	0.21	0.21	0.21	0.21	0.21	83.33
cis-1,3-Dichloropropene (ug/L)	MW-1	34	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-26	1	5	0	0	5	5	5	5	5	100
cis-1,3-Dichloropropene (ug/L)	MW-27	1	5	0	0	5	5	5	5	5	100
cis-1,3-Dichloropropene (ug/L)	MW-28 (bg)	9	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-2AR	35	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
cis-1,3-Dichloropropene (ug/L)	MW-6A (bg)	29	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-12	33	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-5AR (bg)	31	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-9B	22	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-17	6	0.25	0	0	0.25	0.25	0.25	0.25	0.25	83.33
cis-1,3-Dichloropropene (ug/L)	MW-18	6	0.25	0	0	0.25	0.25	0.25	0.25	0.25	83.33
Cobalt (mg/L)	MW-1	34	0.002175	0.001282	0.0002199	0.00241	0.001355	0.002805	0.000333	0.00641	26.47
Cobalt (mg/L)	MW-26	1	0.000546	0	0	0.000546	0.000546	0.000546	0.000546	0.000546	0
Cobalt (mg/L)	MW-27	1	0.000669	0	0	0.000669	0.000669	0.000669	0.000669	0.000669	0
Cobalt (mg/L)	MW-28 (bg)	18	0.0002359	0.000137	0.00003228	0.00017	0.00017	0.000301	0.000085	0.000555	61.11
Cobalt (mg/L)	MW-2AR	35	0.002025	0.001842	0.0003113	0.00148	0.0005	0.00271	0.0005	0.00646	31.43
Cobalt (mg/L)	MW-6A (bg)	28	0.0002379	0.0001336	0.00002525	0.00017	0.00017	0.0002635	0.000114	0.000626	71.43
Cobalt (mg/L)	MW-12	32	0.001118	0.001224	0.0002164	0.001	0.0002435	0.001065	0.0001355	0.00624	31.25
Cobalt (mg/L)	MW-5AR (bg)	23	0.000215	0.0002569	0.00005357	0.00017	0.00017	0.00017	0.000029	0.00135	73.91
Cobalt (mg/L)	MW-9B	26	0.005972	0.004384	0.0008598	0.00504	0.002155	0.01018	0.000402	0.0139	0
Cobalt (mg/L)	MW-17	6	0.003554	0.003065	0.001251	0.003995	0.0001915	0.006475	0.00017	0.00822	0
Cobalt (mg/L)	MW-18	6	0.001258	0.0009477	0.0003869	0.00133	0.000208	0.002235	0.00017	0.00263	0
Copper (mg/L)	MW-1	33	0.003172	0.0009096	0.0001583	0.0032	0.0032	0.0032	0.00189	0.007395	69.7
Copper (mg/L)	MW-26	1	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Copper (mg/L)	MW-27	1	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Copper (mg/L)	MW-28 (bg)	19	0.002957	0.0006018	0.0001381	0.0032	0.0032	0.0032	0.00121	0.0032	84.21
Copper (mg/L)	MW-2AR	35	0.003694	0.003425	0.000579	0.0032	0.0032	0.0032	0.00157	0.0233	88.57
Copper (mg/L)	MW-6A (bg)	33	0.004735	0.00605	0.001053	0.0032	0.0032	0.0032	0.00169	0.0318	81.82
Copper (mg/L)	MW-12	33	0.004734	0.005308	0.000924	0.0032	0.0032	0.0032	0.00152	0.0216	66.67
Copper (mg/L)	MW-5AR (bg)	29	0.003219	0.0006812	0.0001265	0.0032	0.0032	0.0032	0.00145	0.00567	68.97
Copper (mg/L)	MW-9B	22	0.003011	0.0007036	0.00015	0.0032	0.002565	0.0032	0.00164	0.00492	59.09
Copper (mg/L)	MW-17	6	0.004217	0.004086	0.001668	0.002065	0.0018	0.008785	0.0018	0.012	33.33
Copper (mg/L)	MW-18	6	0.002897	0.0005629	0.0002298	0.0032	0.00229	0.0032	0.0018	0.0032	66.67
Dibromochloromethane (ug/L)	MW-1	34	0.75	0	0	0.75	0.75	0.75	0.75	0.75	100
Dibromochloromethane (ug/L)	MW-26	1	5	0	0	5	5	5	5	5	100
Dibromochloromethane (ug/L)	MW-27	1	5	0	0	5	5	5	5	5	100
Dibromochloromethane (ug/L)	MW-28 (bg)	9	0.75	0	0	0.75	0.75	0.75	0.75	0.75	100
Dibromochloromethane (ug/L)	MW-2AR	35	0.75	0	0	0.75	0.75	0.75	0.75	0.75	100
Dibromochloromethane (ug/L)	MW-6A (bg)	29	0.75	0	0	0.75	0.75	0.75	0.75	0.75	100
Dibromochloromethane (ug/L)	MW-12	33	0.75	0	0	0.75	0.75	0.75	0.75	0.75	100
Dibromochloromethane (ug/L)	MW-5AR (bg)	31	0.75	0	0	0.75	0.75	0.75	0.75	0.75	100
Dibromochloromethane (ug/L)	MW-9B	22	0.75	0	0	0.75	0.75	0.75	0.75	0.75	100
Dibromochloromethane (ug/L)	MW-17	6	0.75	0	0	0.75	0.75	0.75	0.75	0.75	83.33
Dibromochloromethane (ug/L)	MW-18	6	0.75	0	0	0.75	0.75	0.75	0.75	0.75	83.33
Dichloromethane (ug/L)	MW-1	34	1.726	0.1531	0.02626	1.7	1.7	1.7	1.7	2.593	97.06
Dichloromethane (ug/L)	MW-26	1	5	0	0	5	5	5	5	5	100
Dichloromethane (ug/L)	MW-27	1	5	0	0	5	5	5	5	5	100
Dichloromethane (ug/L)	MW-28 (bg)	9	1.7	0	0	1.7	1.7	1.7	1.7	1.7	100
Dichloromethane (ug/L)	MW-2AR	36	1.601	0.3447	0.05745	1.7	1.7	1.7	0.283	1.7	91.67
Dichloromethane (ug/L)	MW-6A (bg)	29	1.7	0	0	1.7	1.7	1.7	1.7	1.7	100
Dichloromethane (ug/L)	MW-12	33	1.727	0.1564	0.02723	1.7	1.7	1.7	1.7	2.599	96.97
Dichloromethane (ug/L)	MW-5AR (bg)	31	1.652	0.2673	0.048	1.7	1.7	1.7	0.212	1.7	96.77
Dichloromethane (ug/L)	MW-9B	22	1.632	0.3181	0.06782	1.7	1.7	1.7	0.208	1.7	95.45
Dichloromethane (ug/L)	MW-17	6	1.7	1.9e-8	7.9e-9	1.7	1.7	1.7	1.7	1.7	83.33
Dichloromethane (ug/L)	MW-18	6	1.7	1.9e-8	7.9e-9	1.7	1.7	1.7	1.7	1.7	83.33

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Dieldrin (ug/L)	MW-1	6	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Dieldrin (ug/L)	MW-2AR	4	0.0615	0	0	0.0615	0.0615	0.0615	0.0615	0.0615	100
Dieldrin (ug/L)	MW-6A (bg)	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Dieldrin (ug/L)	MW-12	4	0.05638	0.03605	0.01803	0.0744	0.03835	0.0744	0.0023	0.0744	75
Dieldrin (ug/L)	MW-9B	4	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Diethylphthalate (ug/L)	MW-1	6	11.1	0	0	11.1	11.1	11.1	11.1	11.1	100
Diethylphthalate (ug/L)	MW-2AR	4	10	0	0	10	10	10	10	10	100
Diethylphthalate (ug/L)	MW-6A (bg)	1	10	0	0	10	10	10	10	10	100
Diethylphthalate (ug/L)	MW-12	4	10	0	0	10	10	10	10	10	100
Diethylphthalate (ug/L)	MW-9B	4	12.5	0	0	12.5	12.5	12.5	12.5	12.5	100
Endosulfan I (ug/L)	MW-1	6	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Endosulfan I (ug/L)	MW-2AR	4	0.0615	0	0	0.0615	0.0615	0.0615	0.0615	0.0615	100
Endosulfan I (ug/L)	MW-6A (bg)	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endosulfan I (ug/L)	MW-12	4	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Endosulfan I (ug/L)	MW-9B	4	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Endosulfan II (ug/L)	MW-1	6	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Endosulfan II (ug/L)	MW-2AR	4	0.0615	0	0	0.0615	0.0615	0.0615	0.0615	0.0615	100
Endosulfan II (ug/L)	MW-6A (bg)	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endosulfan II (ug/L)	MW-12	4	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Endosulfan II (ug/L)	MW-9B	4	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Ethylbenzene (ug/L)	MW-1	34	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Ethylbenzene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
Ethylbenzene (ug/L)	MW-28 (bg)	9	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-2AR	34	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-6A (bg)	29	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-12	33	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-5AR (bg)	31	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-9B	22	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-17	6	0.31	9.7e-10	4.0e-10	0.31	0.31	0.31	0.31	0.31	83.33
Ethylbenzene (ug/L)	MW-18	6	0.31	9.7e-10	4.0e-10	0.31	0.31	0.31	0.31	0.31	83.33
Iodomethane (ug/L)	MW-1	33	7	0	0	7	7	7	7	7	100
Iodomethane (ug/L)	MW-26	1	10	0	0	10	10	10	10	10	100
Iodomethane (ug/L)	MW-27	1	10	0	0	10	10	10	10	10	100
Iodomethane (ug/L)	MW-28 (bg)	9	7	0	0	7	7	7	7	7	100
Iodomethane (ug/L)	MW-2AR	35	7	0	0	7	7	7	7	7	100
Iodomethane (ug/L)	MW-6A (bg)	29	7	0	0	7	7	7	7	7	100
Iodomethane (ug/L)	MW-12	33	7	0	0	7	7	7	7	7	100
Iodomethane (ug/L)	MW-5AR (bg)	31	7	0	0	7	7	7	7	7	100
Iodomethane (ug/L)	MW-9B	22	7	0	0	7	7	7	7	7	100
Iodomethane (ug/L)	MW-17	6	7	0	0	7	7	7	7	7	83.33
Iodomethane (ug/L)	MW-18	6	7	0	0	7	7	7	7	7	83.33
Lead (mg/L)	MW-1	34	0.0005145	0.0007258	0.0001245	0.00033	0.00033	0.00033	0.00033	0.00347	91.18
Lead (mg/L)	MW-26	1	0.000672	0	0	0.000672	0.000672	0.000672	0.000672	0.000672	0
Lead (mg/L)	MW-27	1	0.00101	0	0	0.00101	0.00101	0.00101	0.00101	0.00101	0
Lead (mg/L)	MW-28 (bg)	17	0.0003763	0.0001183	0.00002869	0.00033	0.00033	0.000349	0.00033	0.000765	76.47
Lead (mg/L)	MW-2AR	35	0.0003792	0.0002341	0.00003957	0.00033	0.00033	0.00033	0.000322	0.00167	91.43
Lead (mg/L)	MW-6A (bg)	33	0.0004667	0.0006634	0.0001155	0.00033	0.00033	0.00033	0.00033	0.00409	93.94
Lead (mg/L)	MW-12	33	0.0004683	0.0008131	0.0001415	0.00033	0.00033	0.00033	0.000123	0.00499	81.82
Lead (mg/L)	MW-5AR (bg)	29	0.0003346	0.00005658	0.00001051	0.00033	0.00033	0.00033	0.000198	0.000485	72.41

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Lead (mg/L)	MW-9B	21	0.0004234	0.0002005	0.00004376	0.00033	0.00033	0.000454	0.000231	0.000931	47.62
Lead (mg/L)	MW-17	6	0.0007122	0.0007495	0.000306	0.0003705	0.00024	0.001526	0.00024	0.00216	16.67
Lead (mg/L)	MW-18	6	0.0003732	0.0001488	0.00006073	0.00033	0.000285	0.0005045	0.00024	0.000667	50
Methylene Bromide (ug/L)	MW-1	34	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Methylene Bromide (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Methylene Bromide (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
Methylene Bromide (ug/L)	MW-28 (bg)	9	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Methylene Bromide (ug/L)	MW-2AR	35	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Methylene Bromide (ug/L)	MW-6A (bg)	29	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Methylene Bromide (ug/L)	MW-12	33	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Methylene Bromide (ug/L)	MW-5AR (bg)	31	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Methylene Bromide (ug/L)	MW-9B	22	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Methylene Bromide (ug/L)	MW-17	6	0.33	5.4e-9	2.2e-9	0.33	0.33	0.33	0.33	0.33	83.33
Methylene Bromide (ug/L)	MW-18	6	0.33	5.4e-9	2.2e-9	0.33	0.33	0.33	0.33	0.33	83.33
Nickel (mg/L)	MW-1	34	0.003046	0.001876	0.0003217	0.0021	0.0021	0.003805	0.00191	0.0118	52.94
Nickel (mg/L)	MW-26	1	0.00239	0	0	0.00239	0.00239	0.00239	0.00239	0.00239	0
Nickel (mg/L)	MW-27	1	0.00374	0	0	0.00374	0.00374	0.00374	0.00374	0.00374	0
Nickel (mg/L)	MW-28 (bg)	19	0.006769	0.00296	0.000679	0.00739	0.00413	0.0092	0.00105	0.011	10.53
Nickel (mg/L)	MW-2AR	35	0.03184	0.01805	0.003051	0.0332	0.0133	0.05	0.00207	0.0541	37.14
Nickel (mg/L)	MW-6A (bg)	21	0.004264	0.002724	0.0005944	0.0023	0.0023	0.006775	0.00178	0.0098	47.62
Nickel (mg/L)	MW-12	33	0.02637	0.01653	0.002878	0.0188	0.01115	0.05	0.00684	0.05	27.27
Nickel (mg/L)	MW-5AR (bg)	25	0.005446	0.01428	0.002857	0.0023	0.0023	0.0023	0.000944	0.0733	76
Nickel (mg/L)	MW-9B	22	0.008174	0.005494	0.001171	0.006005	0.003135	0.0132	0.0025	0.0192	13.64
Nickel (mg/L)	MW-17	6	0.007058	0.004833	0.001973	0.007325	0.0019	0.01195	0.0019	0.0132	16.67
Nickel (mg/L)	MW-18	6	0.003587	0.001729	0.0007059	0.00323	0.002	0.00553	0.0019	0.00593	16.67
Selenium (mg/L)	MW-1	34	0.00141	0.00006023	0.00001033	0.0014	0.0014	0.0014	0.00138	0.00175	94.12
Selenium (mg/L)	MW-26	1	0.00154	0	0	0.00154	0.00154	0.00154	0.00154	0.00154	0
Selenium (mg/L)	MW-27	1	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Selenium (mg/L)	MW-28 (bg)	19	0.002003	0.0009899	0.0002271	0.00157	0.0014	0.00199	0.00105	0.00431	36.84
Selenium (mg/L)	MW-2AR	35	0.001418	0.0001048	0.00001771	0.0014	0.0014	0.0014	0.0014	0.00202	97.14
Selenium (mg/L)	MW-6A (bg)	33	0.0014	0	0	0.0014	0.0014	0.0014	0.0014	0.0014	100
Selenium (mg/L)	MW-12	33	0.001463	0.000304	0.00005292	0.0014	0.0014	0.0014	0.0014	0.00312	93.94
Selenium (mg/L)	MW-5AR (bg)	31	0.001784	0.0006573	0.0001181	0.0014	0.0014	0.00239	0.000872	0.00356	51.61
Selenium (mg/L)	MW-9B	22	0.0014	0	0	0.0014	0.0014	0.0014	0.0014	0.0014	100
Selenium (mg/L)	MW-17	6	0.001743	0.000841	0.0003433	0.0014	0.0014	0.00243	0.0014	0.00346	66.67
Selenium (mg/L)	MW-18	5	0.0014	2.2e-11	1.0e-11	0.0014	0.0014	0.0014	0.0014	0.0014	80
Silver (mg/L)	MW-1	34	0.0005479	0.0001951	0.00003346	0.0005	0.0005	0.0005	0.0005	0.00137	94.12
Silver (mg/L)	MW-26	1	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Silver (mg/L)	MW-27	1	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Silver (mg/L)	MW-28 (bg)	19	0.0005038	0.0001262	0.00002895	0.0005	0.0005	0.0005	0.000175	0.000925	84.21
Silver (mg/L)	MW-2AR	35	0.0005214	0.0001268	0.00002143	0.0005	0.0005	0.0005	0.0005	0.00125	97.14
Silver (mg/L)	MW-6A (bg)	33	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Silver (mg/L)	MW-12	33	0.0004891	0.00006284	0.00001094	0.0005	0.0005	0.0005	0.000139	0.0005	96.97
Silver (mg/L)	MW-5AR (bg)	31	0.0004873	0.00007058	0.00001268	0.0005	0.0005	0.0005	0.000107	0.0005	96.77
Silver (mg/L)	MW-9B	22	0.0004845	0.000095	0.00002025	0.0005	0.0005	0.0005	0.000068	0.0005905	90.91
Silver (mg/L)	MW-17	6	0.0005	9.7e-12	4.0e-12	0.0005	0.0005	0.0005	0.0005	0.0005	83.33
Silver (mg/L)	MW-18	6	0.0005397	0.00009716	0.00003967	0.0005	0.0005	0.000619	0.0005	0.000738	66.67
Styrene (ug/L)	MW-1	34	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Styrene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Styrene (ug/L)	MW-28 (bg)	9	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	MW-2AR	35	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	MW-6A (bg)	29	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	MW-12	33	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	MW-5AR (bg)	31	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	MW-9B	22	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	MW-17	6	0.37	1.9e-9	7.9e-10	0.37	0.37	0.37	0.37	0.37	83.33
Styrene (ug/L)	MW-18	6	0.37	1.9e-9	7.9e-10	0.37	0.37	0.37	0.37	0.37	83.33
Tetrachloroethene (ug/L)	MW-1	34	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Tetrachloroethene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
Tetrachloroethene (ug/L)	MW-28 (bg)	9	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-2AR	36	0.4783	0.01	0.001667	0.48	0.48	0.48	0.42	0.48	97.22
Tetrachloroethene (ug/L)	MW-6A (bg)	29	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-12	33	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-5AR (bg)	31	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-9B	22	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-17	6	0.48	4.4e-9	1.8e-9	0.48	0.48	0.48	0.48	0.48	83.33
Tetrachloroethene (ug/L)	MW-18	6	0.48	4.4e-9	1.8e-9	0.48	0.48	0.48	0.48	0.48	83.33
Thallium (mg/L)	MW-1	33	0.0005766	0.00004915	0.000008556	0.00057	0.00057	0.00057	0.000514	0.000845	93.94
Thallium (mg/L)	MW-26	1	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Thallium (mg/L)	MW-27	1	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Thallium (mg/L)	MW-28 (bg)	19	0.0005663	0.00001606	0.000003684	0.00057	0.00057	0.00057	0.0005	0.00057	94.74
Thallium (mg/L)	MW-2AR	35	0.0005637	0.00003878	0.000006555	0.00057	0.00057	0.00057	0.000341	0.000579	94.29
Thallium (mg/L)	MW-6A (bg)	33	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Thallium (mg/L)	MW-12	33	0.0005326	0.0002131	0.00003709	0.00057	0.00057	0.00057	0.000038	0.00123	81.82
Thallium (mg/L)	MW-5AR (bg)	31	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Thallium (mg/L)	MW-9B	21	0.0005323	0.0001682	0.00003671	0.00057	0.00057	0.00057	0.000033	0.000814	85.71
Thallium (mg/L)	MW-17	6	0.0005183	0.0001266	0.00005167	0.00057	0.000415	0.00057	0.00026	0.00057	83.33
Thallium (mg/L)	MW-18	6	0.0005183	0.0001266	0.00005167	0.00057	0.000415	0.00057	0.00026	0.00057	83.33
Toluene (ug/L)	MW-1	34	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Toluene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
Toluene (ug/L)	MW-28 (bg)	9	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-2AR	35	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-6A (bg)	28	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-12	33	0.4246	0.03099	0.005394	0.43	0.43	0.43	0.252	0.43	96.97
Toluene (ug/L)	MW-5AR (bg)	31	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-9B	22	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-17	6	0.43	2.9e-9	1.2e-9	0.43	0.43	0.43	0.43	0.43	83.33
Toluene (ug/L)	MW-18	6	0.43	2.9e-9	1.2e-9	0.43	0.43	0.43	0.43	0.43	83.33
trans-1,2-Dichloroethene (ug/L)	MW-1	34	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
trans-1,2-Dichloroethene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
trans-1,2-Dichloroethene (ug/L)	MW-28 (bg)	9	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-2AR	35	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-6A (bg)	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-12	33	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-5AR (bg)	31	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-9B	22	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
trans-1,2-Dichloroethene (ug/L)	MW-17	6	0.27	4.4e-9	1.8e-9	0.27	0.27	0.27	0.27	0.27	83.33
trans-1,2-Dichloroethene (ug/L)	MW-18	6	0.27	4.4e-9	1.8e-9	0.27	0.27	0.27	0.27	0.27	83.33
trans-1,3-Dichloropropene (ug/L)	MW-1	34	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-26	1	5	0	0	5	5	5	5	5	100
trans-1,3-Dichloropropene (ug/L)	MW-27	1	5	0	0	5	5	5	5	5	100
trans-1,3-Dichloropropene (ug/L)	MW-28 (bg)	9	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-2AR	35	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-6A (bg)	29	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-12	33	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-5AR (bg)	31	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-9B	22	0.56	0	0	0.56	0.56	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-17	6	0.56	9.7e-10	4.0e-10	0.56	0.56	0.56	0.56	0.56	83.33
trans-1,3-Dichloropropene (ug/L)	MW-18	6	0.56	9.7e-10	4.0e-10	0.56	0.56	0.56	0.56	0.56	83.33
trans-1,4-Dichloro-2-butene (ug/L)	MW-1	34	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-26	1	10	0	0	10	10	10	10	10	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-27	1	10	0	0	10	10	10	10	10	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-28 (bg)	9	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-2AR	34	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-6A (bg)	29	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-12	33	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-5AR (bg)	31	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-9B	22	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-17	6	1.1	9.7e-9	4.0e-9	1.1	1.1	1.1	1.1	1.1	83.33
trans-1,4-Dichloro-2-butene (ug/L)	MW-18	6	1.1	9.7e-9	4.0e-9	1.1	1.1	1.1	1.1	1.1	83.33
Trichloroethene (ug/L)	MW-1	34	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Trichloroethene (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
Trichloroethene (ug/L)	MW-28 (bg)	9	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-2AR	34	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-6A (bg)	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-12	33	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-5AR (bg)	31	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-9B	22	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-17	6	0.43	2.9e-9	1.2e-9	0.43	0.43	0.43	0.43	0.43	83.33
Trichloroethene (ug/L)	MW-18	6	0.43	2.9e-9	1.2e-9	0.43	0.43	0.43	0.43	0.43	83.33
Trichlorofluoromethane (ug/L)	MW-1	34	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-26	1	4	0	0	4	4	4	4	4	100
Trichlorofluoromethane (ug/L)	MW-27	1	4	0	0	4	4	4	4	4	100
Trichlorofluoromethane (ug/L)	MW-28 (bg)	9	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-2AR	35	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-6A (bg)	29	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-12	33	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-5AR (bg)	31	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-9B	22	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-17	6	0.38	1.9e-9	7.9e-10	0.38	0.38	0.38	0.38	0.38	83.33
Trichlorofluoromethane (ug/L)	MW-18	6	0.38	1.9e-9	7.9e-10	0.38	0.38	0.38	0.38	0.38	83.33
Vanadium (mg/L)	MW-1	34	0.001661	0.0001344	0.00002306	0.0017	0.0017	0.0017	0.0011	0.0017	91.18
Vanadium (mg/L)	MW-26	1	0.00134	0	0	0.00134	0.00134	0.00134	0.00134	0.00134	0
Vanadium (mg/L)	MW-27	1	0.00175	0	0	0.00175	0.00175	0.00175	0.00175	0.00175	0
Vanadium (mg/L)	MW-28 (bg)	17	0.001613	0.0002626	0.00006369	0.0017	0.0017	0.0017	0.000869	0.0019	76.47

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Vanadium (mg/L)	MW-2AR	35	0.003658	0.001503	0.0002541	0.005	0.00204	0.005	0.00116	0.005	51.43
Vanadium (mg/L)	MW-6A (bg)	33	0.001678	0.00009815	0.00001709	0.0017	0.0017	0.0017	0.00116	0.0017	93.94
Vanadium (mg/L)	MW-12	33	0.001759	0.0009954	0.0001733	0.0017	0.0017	0.0017	0.000279	0.00681	78.79
Vanadium (mg/L)	MW-5AR (bg)	30	0.001695	0.0008622	0.0001574	0.0017	0.0017	0.0017	0.000587	0.00579	73.33
Vanadium (mg/L)	MW-9B	22	0.001819	0.001474	0.0003142	0.0017	0.0017	0.0017	0.000357	0.00806	68.18
Vanadium (mg/L)	MW-17	6	0.001715	0.0004086	0.0001668	0.0017	0.0014	0.002045	0.0011	0.00239	66.67
Vanadium (mg/L)	MW-18	6	0.001662	0.0003952	0.0001613	0.0017	0.00128	0.002005	0.0011	0.00231	50
Vinyl acetate (ug/L)	MW-1	34	2.5	0	0	2.5	2.5	2.5	2.5	2.5	100
Vinyl acetate (ug/L)	MW-26	1	10	0	0	10	10	10	10	10	100
Vinyl acetate (ug/L)	MW-27	1	10	0	0	10	10	10	10	10	100
Vinyl acetate (ug/L)	MW-28 (bg)	9	2.5	0	0	2.5	2.5	2.5	2.5	2.5	100
Vinyl acetate (ug/L)	MW-2AR	35	2.5	0	0	2.5	2.5	2.5	2.5	2.5	100
Vinyl acetate (ug/L)	MW-6A (bg)	29	2.5	0	0	2.5	2.5	2.5	2.5	2.5	100
Vinyl acetate (ug/L)	MW-12	33	2.5	0	0	2.5	2.5	2.5	2.5	2.5	100
Vinyl acetate (ug/L)	MW-5AR (bg)	31	2.5	0	0	2.5	2.5	2.5	2.5	2.5	100
Vinyl acetate (ug/L)	MW-9B	22	2.5	0	0	2.5	2.5	2.5	2.5	2.5	100
Vinyl acetate (ug/L)	MW-17	6	2.5	0	0	2.5	2.5	2.5	2.5	2.5	83.33
Vinyl acetate (ug/L)	MW-18	6	2.5	0	0	2.5	2.5	2.5	2.5	2.5	83.33
Vinyl chloride (ug/L)	MW-1	34	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-26	1	1	0	0	1	1	1	1	1	100
Vinyl chloride (ug/L)	MW-27	1	1	0	0	1	1	1	1	1	100
Vinyl chloride (ug/L)	MW-28 (bg)	9	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-2AR	35	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-6A (bg)	29	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-12	33	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-5AR (bg)	31	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-9B	22	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-17	6	0.18	2.9e-9	1.2e-9	0.18	0.18	0.18	0.18	0.18	83.33
Vinyl chloride (ug/L)	MW-18	6	0.18	2.9e-9	1.2e-9	0.18	0.18	0.18	0.18	0.18	83.33
Xylenes, total (ug/L)	MW-1	34	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, total (ug/L)	MW-26	1	3	0	0	3	3	3	3	3	100
Xylenes, total (ug/L)	MW-27	1	3	0	0	3	3	3	3	3	100
Xylenes, total (ug/L)	MW-28 (bg)	9	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, total (ug/L)	MW-2AR	35	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, total (ug/L)	MW-6A (bg)	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, total (ug/L)	MW-12	33	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, total (ug/L)	MW-5AR (bg)	31	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, total (ug/L)	MW-9B	22	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, total (ug/L)	MW-17	6	0.4	2.4e-9	9.9e-10	0.4	0.4	0.4	0.4	0.4	83.33
Xylenes, total (ug/L)	MW-18	6	0.4	2.4e-9	9.9e-10	0.4	0.4	0.4	0.4	0.4	83.33
Zinc (mg/L)	MW-1	34	0.02129	0.01551	0.002659	0.013	0.013	0.02605	0.013	0.06	73.53
Zinc (mg/L)	MW-26	1	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Zinc (mg/L)	MW-27	1	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Zinc (mg/L)	MW-28 (bg)	19	0.01271	0.001248	0.0002863	0.013	0.013	0.013	0.00756	0.013	94.74
Zinc (mg/L)	MW-2AR	36	0.03514	0.05411	0.009018	0.013	0.013	0.013	0.013	0.294	77.78
Zinc (mg/L)	MW-6A (bg)	33	0.02108	0.01471	0.002561	0.013	0.013	0.02762	0.00927	0.0572	69.7
Zinc (mg/L)	MW-12	33	0.0174	0.0138	0.002402	0.013	0.013	0.013	0.00736	0.0665	81.82
Zinc (mg/L)	MW-5AR (bg)	31	0.03273	0.03854	0.006923	0.013	0.013	0.0377	0.00588	0.14	51.61
Zinc (mg/L)	MW-9B	22	0.01248	0.00146	0.0003112	0.013	0.013	0.013	0.00707	0.013	86.36
Zinc (mg/L)	MW-17	6	0.01523	0.01363	0.005563	0.0097	0.00805	0.02795	0.0064	0.0427	50

Box & Whiskers Plot

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:40 PM

<u>Constituent</u>	<u>Well</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Std. Err.</u>	<u>Median</u>	<u>Lower Q.</u>	<u>Upper Q.</u>	<u>Min.</u>	<u>Max.</u>	<u>%NDs</u>
Zinc (mg/L)	MW-18	6	0.01195	0.002722	0.001111	0.013	0.0097	0.01315	0.0064	0.0133	66.67



Trend Analysis



This page intentionally left blank.

Trend Test

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:53 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Alpha	Method
1,1,1,2-Tetrachloroethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,1-Dichloroethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,1-Dichloroethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,1-Dichloroethene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,1-Dichloroethene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,1-Dichloroethene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,1-Dichloropropene (ug/L)	MW-1	0	0	13	No	6	100	0.02	NP
1,1-Dichloropropene (ug/L)	MW-2AR	0	0	8	No	4	100	0.02	NP
1,1-Dichloropropene (ug/L)	MW-12	0	0	8	No	4	100	0.02	NP
1,1-Dichloropropene (ug/L)	MW-9B	0	0	8	No	4	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP

Trend Test

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
1,2,3-Trichloropropane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,2-Dichloroethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,2-Dichloroethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,2-Dichloroethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,2-Dichloropropane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP

Trend Test

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
1,2-Dichloropropane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,2-Dichloropropane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,2-Dichloropropane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-2AR	-0.269	-19	-20	No	8	12.5	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
2-Butanone [MEK] (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
2-Butanone [MEK] (ug/L)	MW-17	0	0	10	No	5	80	0.02	NP
2-Butanone [MEK] (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
2-Hexanone (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
2-Hexanone (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
2-Hexanone (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
2-Hexanone (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
2-Hexanone (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
2-Hexanone (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
2-Hexanone (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
2-Hexanone (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
2-Hexanone (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
4-Methyl-2-Pentanone (ug/L)	MW-1	0	0	8	No	4	100	0.02	NP
4-Methyl-2-Pentanone (ug/L)	MW-28 (bg)	0	0	8	No	4	100	0.02	NP
4-Methyl-2-Pentanone (ug/L)	MW-2AR	0	0	8	No	4	100	0.02	NP
4-Methyl-2-Pentanone (ug/L)	MW-6A (bg)	0	0	8	No	4	100	0.02	NP
4-Methyl-2-Pentanone (ug/L)	MW-12	0	0	8	No	4	100	0.02	NP
4-Methyl-2-Pentanone (ug/L)	MW-5AR (bg)	0	NaN	NaN	No	3	100	NaN	NP
4-Methyl-2-Pentanone (ug/L)	MW-9B	0	0	8	No	4	100	0.02	NP
4-Methyl-2-Pentanone (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
4-Methyl-2-Pentanone (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Acetone (ug/L)	MW-1	0	-3	-20	No	8	87.5	0.02	NP
Acetone (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Acetone (ug/L)	MW-2AR	0	11	20	No	8	75	0.02	NP
Acetone (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Acetone (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Acetone (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Acetone (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Acetone (ug/L)	MW-17	-2.1e-7	-4	-10	No	5	60	0.02	NP
Acetone (ug/L)	MW-18	-1.1e-7	-5	-13	No	6	66.67	0.02	NP
Acrylonitrile (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Acrylonitrile (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP

Trend Test

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Acrylonitrile (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Acrylonitrile (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Acrylonitrile (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Acrylonitrile (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Acrylonitrile (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Acrylonitrile (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Acrylonitrile (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Antimony (mg/L)	MW-1	0	1	20	No	8	87.5	0.02	NP
Antimony (mg/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Antimony (mg/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Antimony (mg/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Antimony (mg/L)	MW-12	0	5	20	No	8	87.5	0.02	NP
Antimony (mg/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Antimony (mg/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Antimony (mg/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Antimony (mg/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Arsenic (mg/L)	MW-1	0.0001778	4	20	No	8	0	0.02	NP
Arsenic (mg/L)	MW-20	-0.0008689	-2	-20	No	8	0	0.02	NP
Arsenic (mg/L)	MW-21	-0.00116	-10	-20	No	8	0	0.02	NP
Arsenic (mg/L)	MW-26	-0.0008584	-10	-20	No	8	12.5	0.02	NP
Arsenic (mg/L)	MW-27	-0.002529	-11	-17	No	7	0	0.02	NP
Arsenic (mg/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Arsenic (mg/L)	MW-2AR	-0.006608	-17	-20	No	8	0	0.02	NP
Arsenic (mg/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Arsenic (mg/L)	MW-12	0	-7	-20	No	8	75	0.02	NP
Arsenic (mg/L)	MW-5AR (bg)	0	3	20	No	8	87.5	0.02	NP
Arsenic (mg/L)	MW-9B	-0.0003321	-6	-20	No	8	0	0.02	NP
Arsenic (mg/L)	MW-17	0.004031	9	13	No	6	0	0.02	NP
Arsenic (mg/L)	MW-18	0.0008437	5	13	No	6	0	0.02	NP
Barium (mg/L)	MW-1	-0.006289	-17	-20	No	8	0	0.02	NP
Barium (mg/L)	MW-28 (bg)	-0.00003896	0	20	No	8	0	0.02	NP
Barium (mg/L)	MW-2AR	-0.05378	-6	-20	No	8	0	0.02	NP
Barium (mg/L)	MW-6A (bg)	-0.01066	-9	-20	No	8	0	0.02	NP
Barium (mg/L)	MW-12	0.006417	8	20	No	8	0	0.02	NP
Barium (mg/L)	MW-5AR (bg)	-0.0004091	-2	-20	No	8	0	0.02	NP
Barium (mg/L)	MW-9B	0.003295	10	20	No	8	0	0.02	NP
Barium (mg/L)	MW-17	0.1453	11	13	No	6	0	0.02	NP
Barium (mg/L)	MW-18	0.007708	1	13	No	6	0	0.02	NP
Benzene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Benzene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Benzene (ug/L)	MW-2AR	-0.2246	-18	-20	No	8	12.5	0.02	NP
Benzene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Benzene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Benzene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Benzene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Benzene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Benzene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Beryllium (mg/L)	MW-1	0	0	20	No	8	100	0.02	NP
Beryllium (mg/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Beryllium (mg/L)	MW-2AR	0	0	20	No	8	100	0.02	NP

Trend Test

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Beryllium (mg/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Beryllium (mg/L)	MW-12	0	0	20	No	8	100	0.02	NP
Beryllium (mg/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Beryllium (mg/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Beryllium (mg/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Beryllium (mg/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
beta-BHC (ug/L)	MW-1	0	0	13	No	6	100	0.02	NP
beta-BHC (ug/L)	MW-2AR	0	0	8	No	4	100	0.02	NP
beta-BHC (ug/L)	MW-12	0	1	8	No	4	75	0.02	NP
beta-BHC (ug/L)	MW-9B	0	0	8	No	4	100	0.02	NP
Bromochloromethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Bromochloromethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Bromochloromethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Bromochloromethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Bromochloromethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Bromochloromethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Bromochloromethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Bromochloromethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Bromochloromethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Bromodichloromethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Bromodichloromethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Bromodichloromethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Bromodichloromethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Bromodichloromethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Bromodichloromethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Bromodichloromethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Bromodichloromethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Bromodichloromethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Bromoform (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Bromoform (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Bromoform (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Bromoform (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Bromoform (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Bromoform (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Bromoform (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Bromoform (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Bromoform (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Bromomethane (ug/L)	MW-1	0	-3	-20	No	8	87.5	0.02	NP
Bromomethane (ug/L)	MW-28 (bg)	0	-3	-20	No	8	87.5	0.02	NP
Bromomethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Bromomethane (ug/L)	MW-6A (bg)	0	-3	-20	No	8	87.5	0.02	NP
Bromomethane (ug/L)	MW-12	0	-3	-20	No	8	87.5	0.02	NP
Bromomethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Bromomethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Bromomethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Bromomethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Cadmium (mg/L)	MW-1	0	1	20	No	8	75	0.02	NP
Cadmium (mg/L)	MW-28 (bg)	0.00002575	5	20	No	8	37.5	0.02	NP
Cadmium (mg/L)	MW-2AR	0	-1	-20	No	8	87.5	0.02	NP
Cadmium (mg/L)	MW-6A (bg)	0	3	20	No	8	87.5	0.02	NP

Trend Test

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Cadmium (mg/L)	MW-12	0	5	20	No	8	75	0.02	NP
Cadmium (mg/L)	MW-5AR (bg)	0	3	20	No	8	87.5	0.02	NP
Cadmium (mg/L)	MW-9B	0	-4	-20	No	8	50	0.02	NP
Cadmium (mg/L)	MW-17	1.7e-11	5	13	No	6	50	0.02	NP
Cadmium (mg/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Carbon disulfide (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Carbon disulfide (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Carbon disulfide (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Carbon disulfide (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Carbon disulfide (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Carbon disulfide (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Carbon disulfide (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Carbon disulfide (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Carbon disulfide (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Carbon Tetrachloride (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Carbon Tetrachloride (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Carbon Tetrachloride (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Chlorobenzene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Chlorobenzene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Chlorobenzene (ug/L)	MW-2AR	-0.2081	-18	-20	No	8	0	0.02	NP
Chlorobenzene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Chlorobenzene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Chlorobenzene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Chlorobenzene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Chlorobenzene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Chlorobenzene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Chloroethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Chloroethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Chloroethane (ug/L)	MW-2AR	0.239	8	20	No	8	0	0.02	NP
Chloroethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Chloroethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Chloroethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Chloroethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Chloroethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Chloroethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Chloroform (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Chloroform (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Chloroform (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Chloroform (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Chloroform (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Chloroform (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Chloroform (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Chloroform (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Chloroform (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP

Trend Test

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Chloromethane (ug/L)	MW-1	0	-3	-20	No	8	87.5	0.02	NP
Chloromethane (ug/L)	MW-28 (bg)	0	-3	-20	No	8	87.5	0.02	NP
Chloromethane (ug/L)	MW-2AR	0	-3	-20	No	8	87.5	0.02	NP
Chloromethane (ug/L)	MW-6A (bg)	0	-3	-20	No	8	87.5	0.02	NP
Chloromethane (ug/L)	MW-12	0	-3	-20	No	8	87.5	0.02	NP
Chloromethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Chloromethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Chloromethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Chloromethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Chromium (mg/L)	MW-1	0	0	20	No	8	100	0.02	NP
Chromium (mg/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Chromium (mg/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Chromium (mg/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Chromium (mg/L)	MW-12	0	0	20	No	8	100	0.02	NP
Chromium (mg/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Chromium (mg/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Chromium (mg/L)	MW-17	0	3	13	No	6	83.33	0.02	NP
Chromium (mg/L)	MW-18	0	3	13	No	6	83.33	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-5AR (bg)	0	-3	-20	No	8	87.5	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Cobalt (mg/L)	MW-1	-0.0001165	-4	-20	No	8	0	0.02	NP
Cobalt (mg/L)	MW-28 (bg)	0	-13	-20	No	8	75	0.02	NP
Cobalt (mg/L)	MW-2AR	-0.00006122	-2	-20	No	8	0	0.02	NP
Cobalt (mg/L)	MW-6A (bg)	0	1	20	No	8	75	0.02	NP
Cobalt (mg/L)	MW-12	-0.0001867	-6	-20	No	8	0	0.02	NP
Cobalt (mg/L)	MW-5AR (bg)	0	3	20	No	8	87.5	0.02	NP
Cobalt (mg/L)	MW-9B	0.003056	8	20	No	8	0	0.02	NP
Cobalt (mg/L)	MW-17	0.00313	5	13	No	6	0	0.02	NP
Cobalt (mg/L)	MW-18	0.0005969	1	13	No	6	0	0.02	NP
Copper (mg/L)	MW-1	0	-2	-20	No	8	50	0.02	NP
Copper (mg/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Copper (mg/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Copper (mg/L)	MW-6A (bg)	0	-3	-20	No	8	87.5	0.02	NP
Copper (mg/L)	MW-12	0	0	20	No	8	100	0.02	NP

Trend Test

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Copper (mg/L)	MW-5AR (bg)	0	1	20	No	8	75	0.02	NP
Copper (mg/L)	MW-9B	0	3	20	No	8	75	0.02	NP
Copper (mg/L)	MW-17	0	2	13	No	6	33.33	0.02	NP
Copper (mg/L)	MW-18	0.0002713	7	13	No	6	66.67	0.02	NP
Dibromochloromethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Dibromochloromethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Dibromochloromethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Dibromochloromethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Dibromochloromethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Dibromochloromethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Dibromochloromethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Dibromochloromethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Dibromochloromethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Dichloromethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Dichloromethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Dichloromethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Dichloromethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Dichloromethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Dichloromethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Dichloromethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Dichloromethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Dichloromethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Dieldrin (ug/L)	MW-1	0	0	13	No	6	100	0.02	NP
Dieldrin (ug/L)	MW-2AR	0	0	8	No	4	100	0.02	NP
Dieldrin (ug/L)	MW-12	0.005053	3	8	No	4	75	0.02	NP
Dieldrin (ug/L)	MW-9B	0	0	8	No	4	100	0.02	NP
Diethylphthalate (ug/L)	MW-1	0	0	13	No	6	100	0.02	NP
Diethylphthalate (ug/L)	MW-2AR	0	0	8	No	4	100	0.02	NP
Diethylphthalate (ug/L)	MW-12	0	0	8	No	4	100	0.02	NP
Diethylphthalate (ug/L)	MW-9B	0	0	8	No	4	100	0.02	NP
Endosulfan I (ug/L)	MW-1	0	0	13	No	6	100	0.02	NP
Endosulfan I (ug/L)	MW-2AR	0	0	8	No	4	100	0.02	NP
Endosulfan I (ug/L)	MW-12	0	0	8	No	4	100	0.02	NP
Endosulfan I (ug/L)	MW-9B	0	0	8	No	4	100	0.02	NP
Endosulfan II (ug/L)	MW-1	0	0	13	No	6	100	0.02	NP
Endosulfan II (ug/L)	MW-2AR	0	0	8	No	4	100	0.02	NP
Endosulfan II (ug/L)	MW-12	0	0	8	No	4	100	0.02	NP
Endosulfan II (ug/L)	MW-9B	0	0	8	No	4	100	0.02	NP
Ethylbenzene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Ethylbenzene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Ethylbenzene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Ethylbenzene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Ethylbenzene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Ethylbenzene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Ethylbenzene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Ethylbenzene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Ethylbenzene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Iodomethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Iodomethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Iodomethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP

Trend Test

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Iodomethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Iodomethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Iodomethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Iodomethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Iodomethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Iodomethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Lead (mg/L)	MW-1	0	-1	-20	No	8	87.5	0.02	NP
Lead (mg/L)	MW-28 (bg)	0	-5	-20	No	8	87.5	0.02	NP
Lead (mg/L)	MW-2AR	0	1	20	No	8	87.5	0.02	NP
Lead (mg/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Lead (mg/L)	MW-12	0	-3	-20	No	8	75	0.02	NP
Lead (mg/L)	MW-5AR (bg)	0.00001124	10	20	No	8	62.5	0.02	NP
Lead (mg/L)	MW-9B	0	-4	-20	No	8	62.5	0.02	NP
Lead (mg/L)	MW-17	0.0004212	8	13	No	6	16.67	0.02	NP
Lead (mg/L)	MW-18	0	0	13	No	6	50	0.02	NP
Methylene Bromide (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Methylene Bromide (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Methylene Bromide (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Methylene Bromide (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Methylene Bromide (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Methylene Bromide (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Methylene Bromide (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Methylene Bromide (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Methylene Bromide (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Nickel (mg/L)	MW-1	0.0001256	3	20	No	8	25	0.02	NP
Nickel (mg/L)	MW-28 (bg)	0.0008218	5	20	No	8	25	0.02	NP
Nickel (mg/L)	MW-2AR	-0.002312	-10	-20	No	8	0	0.02	NP
Nickel (mg/L)	MW-6A (bg)	0	-3	-20	No	8	87.5	0.02	NP
Nickel (mg/L)	MW-12	-0.001989	-12	-20	No	8	0	0.02	NP
Nickel (mg/L)	MW-5AR (bg)	0	3	20	No	8	87.5	0.02	NP
Nickel (mg/L)	MW-9B	0.003937	12	20	No	8	12.5	0.02	NP
Nickel (mg/L)	MW-17	0.0073	10	13	No	6	16.67	0.02	NP
Nickel (mg/L)	MW-18	0.001215	3	13	No	6	16.67	0.02	NP
Selenium (mg/L)	MW-1	0	1	20	No	8	75	0.02	NP
Selenium (mg/L)	MW-28 (bg)	0	-1	-20	No	8	37.5	0.02	NP
Selenium (mg/L)	MW-2AR	0	-3	-20	No	8	87.5	0.02	NP
Selenium (mg/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Selenium (mg/L)	MW-12	0	-5	-20	No	8	87.5	0.02	NP
Selenium (mg/L)	MW-5AR (bg)	0.00004408	4	20	No	8	12.5	0.02	NP
Selenium (mg/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Selenium (mg/L)	MW-17	-5.8e-11	-5	-13	No	6	66.67	0.02	NP
Selenium (mg/L)	MW-18	0	0	10	No	5	80	0.02	NP
Silver (mg/L)	MW-1	0	-3	-20	No	8	75	0.02	NP
Silver (mg/L)	MW-28 (bg)	0	-5	-20	No	8	87.5	0.02	NP
Silver (mg/L)	MW-2AR	0	-3	-20	No	8	87.5	0.02	NP
Silver (mg/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Silver (mg/L)	MW-12	0	0	20	No	8	100	0.02	NP
Silver (mg/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Silver (mg/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Silver (mg/L)	MW-17	0	0	13	No	6	83.33	0.02	NP

Trend Test

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Silver (mg/L)	MW-18	2.8e-11	5	13	No	6	66.67	0.02	NP
Styrene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Styrene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Styrene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Styrene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Styrene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Styrene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Styrene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Styrene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Styrene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Tetrachloroethene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Tetrachloroethene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Tetrachloroethene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Tetrachloroethene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Tetrachloroethene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Tetrachloroethene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Tetrachloroethene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Tetrachloroethene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Tetrachloroethene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Thallium (mg/L)	MW-1	0	1	20	No	8	75	0.02	NP
Thallium (mg/L)	MW-28 (bg)	0	5	20	No	8	87.5	0.02	NP
Thallium (mg/L)	MW-2AR	0	-1	-20	No	8	75	0.02	NP
Thallium (mg/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Thallium (mg/L)	MW-12	0	1	20	No	8	87.5	0.02	NP
Thallium (mg/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Thallium (mg/L)	MW-9B	0	-5	-20	No	8	87.5	0.02	NP
Thallium (mg/L)	MW-17	0	3	13	No	6	83.33	0.02	NP
Thallium (mg/L)	MW-18	0	3	13	No	6	83.33	0.02	NP
Toluene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Toluene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Toluene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Toluene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Toluene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Toluene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Toluene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Toluene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Toluene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP

Trend Test

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:53 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Alpha	Method
trans-1,3-Dichloropropene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Trichloroethene (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Trichloroethene (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Trichloroethene (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Trichloroethene (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Trichloroethene (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Trichloroethene (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Trichloroethene (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Trichloroethene (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Trichloroethene (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Trichlorofluoromethane (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Trichlorofluoromethane (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Trichlorofluoromethane (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Vanadium (mg/L)	MW-1	0	7	20	No	8	75	0.02	NP
Vanadium (mg/L)	MW-28 (bg)	0	-7	-20	No	8	75	0.02	NP
Vanadium (mg/L)	MW-2AR	0.00008592	6	20	No	8	0	0.02	NP
Vanadium (mg/L)	MW-6A (bg)	0	7	20	No	8	75	0.02	NP
Vanadium (mg/L)	MW-12	0	7	20	No	8	75	0.02	NP
Vanadium (mg/L)	MW-5AR (bg)	0	-5	-20	No	8	75	0.02	NP
Vanadium (mg/L)	MW-9B	0	1	20	No	8	87.5	0.02	NP
Vanadium (mg/L)	MW-17	0	-1	-13	No	6	66.67	0.02	NP
Vanadium (mg/L)	MW-18	0	2	13	No	6	50	0.02	NP
Vinyl acetate (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Vinyl acetate (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Vinyl acetate (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Vinyl acetate (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Vinyl acetate (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Vinyl acetate (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Vinyl acetate (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Vinyl acetate (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Vinyl acetate (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP

Trend Test

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:53 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Vinyl chloride (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Vinyl chloride (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Vinyl chloride (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Vinyl chloride (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Vinyl chloride (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Vinyl chloride (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Vinyl chloride (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Vinyl chloride (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Vinyl chloride (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Xylenes, total (ug/L)	MW-1	0	0	20	No	8	100	0.02	NP
Xylenes, total (ug/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Xylenes, total (ug/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Xylenes, total (ug/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Xylenes, total (ug/L)	MW-12	0	0	20	No	8	100	0.02	NP
Xylenes, total (ug/L)	MW-5AR (bg)	0	0	20	No	8	100	0.02	NP
Xylenes, total (ug/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Xylenes, total (ug/L)	MW-17	0	0	13	No	6	83.33	0.02	NP
Xylenes, total (ug/L)	MW-18	0	0	13	No	6	83.33	0.02	NP
Zinc (mg/L)	MW-1	0	-5	-20	No	8	87.5	0.02	NP
Zinc (mg/L)	MW-28 (bg)	0	0	20	No	8	100	0.02	NP
Zinc (mg/L)	MW-2AR	0	0	20	No	8	100	0.02	NP
Zinc (mg/L)	MW-6A (bg)	0	0	20	No	8	100	0.02	NP
Zinc (mg/L)	MW-12	0	0	20	No	8	100	0.02	NP
Zinc (mg/L)	MW-5AR (bg)	0	-3	-20	No	8	87.5	0.02	NP
Zinc (mg/L)	MW-9B	0	0	20	No	8	100	0.02	NP
Zinc (mg/L)	MW-17	0	2	13	No	6	50	0.02	NP
Zinc (mg/L)	MW-18	0	-1	-13	No	6	66.67	0.02	NP



Glacial Till – Prediction Limits

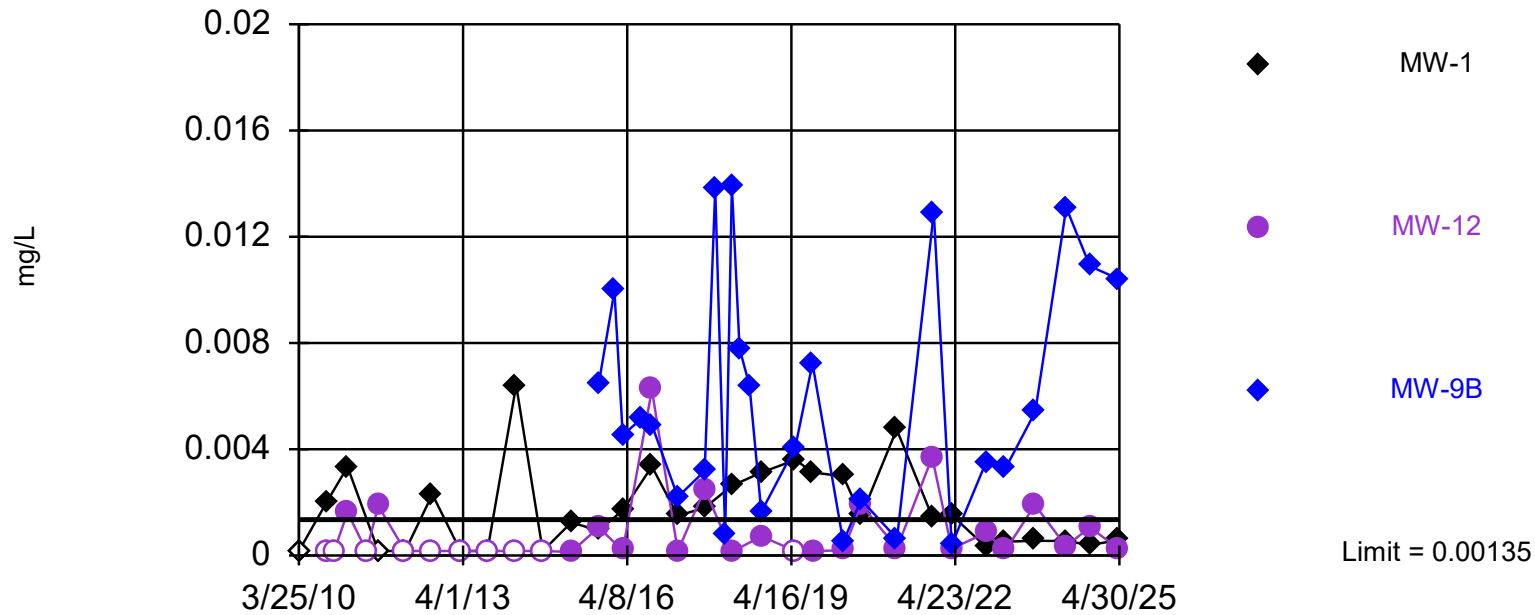


This page intentionally left blank.

Exceeds Limit: MW-9B

Prediction Limit

Interwell Non-parametric



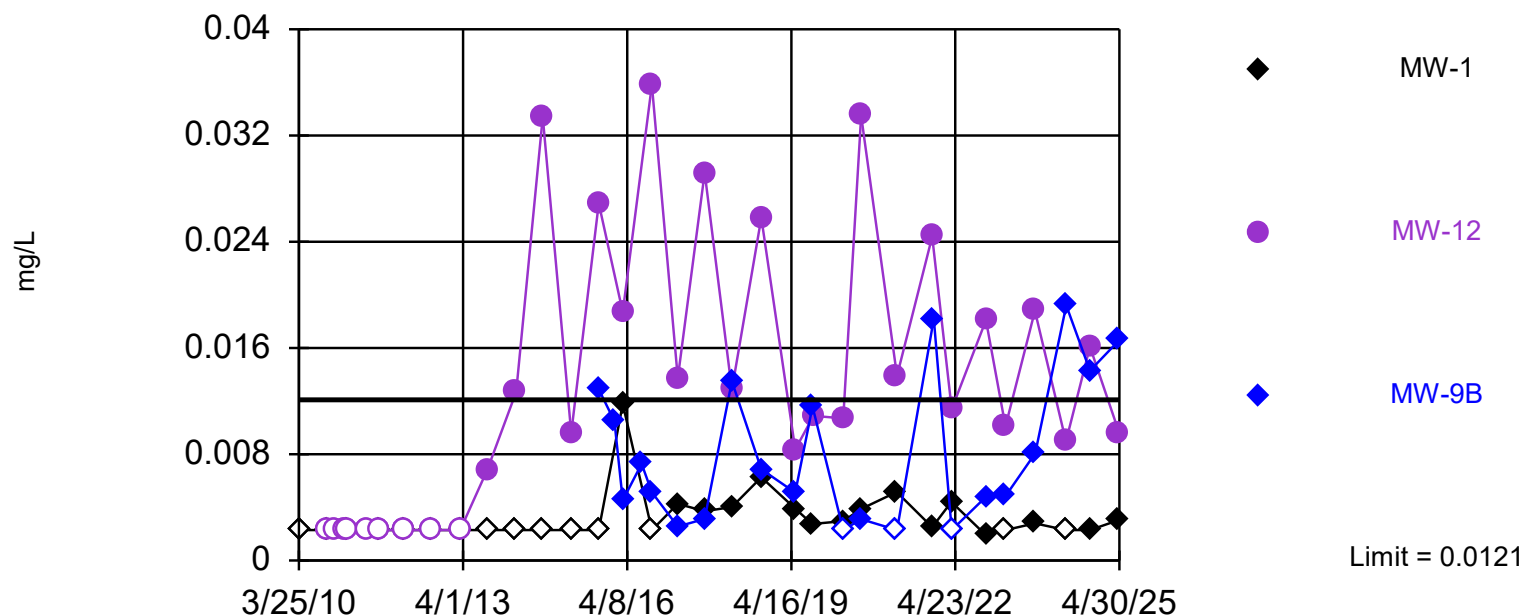
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 51 background values. 72.55% NDs. Annual per-constituent alpha = 0.004342. Individual comparison alpha = 0.000725 (1 of 2). Comparing 3 points to limit.

Constituent: Cobalt Analysis Run 6/11/2025 4:56 PM View: Glacial Till PL
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Exceeds Limit: MW-9B

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 60% NDs. Annual per-constituent alpha = 0.006854. Individual comparison alpha = 0.001146 (1 of 2). Comparing 3 points to limit.

Constituent: Nickel Analysis Run 6/11/2025 4:56 PM View: Glacial Till PL
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Prediction Limit

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 4:58 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	MW-1	0.001	4/30/2025	0.001ND	No	54	MW-6A,MW-5AR	n/a	n/a	100	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-12	0.001	4/30/2025	0.001ND	No	54	MW-6A,MW-5AR	n/a	n/a	100	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-9B	0.001	4/30/2025	0.001ND	No	54	MW-6A,MW-5AR	n/a	n/a	100	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-1	0.0441	4/30/2025	0.00432	No	54	MW-6A,MW-5AR	n/a	n/a	85.19	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-12	0.0441	4/30/2025	0.00053ND	No	54	MW-6A,MW-5AR	n/a	n/a	85.19	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-9B	0.0441	4/30/2025	0.000686J	No	54	MW-6A,MW-5AR	n/a	n/a	85.19	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Barium (mg/L)	MW-1	0.401	4/30/2025	0.11	No	54	MW-5AR,MW-6A	n/a	n/a	0	n/a	n/a	0.0006584	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-12	0.401	4/30/2025	0.0811	No	54	MW-5AR,MW-6A	n/a	n/a	0	n/a	n/a	0.0006584	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-9B	0.401	4/30/2025	0.0327	No	54	MW-5AR,MW-6A	n/a	n/a	0	n/a	n/a	0.0006584	NP Inter (normality) 1 of 2
Beryllium (mg/L)	MW-1	0.00033	4/30/2025	0.00033ND	No	54	MW-6A,MW-5AR	n/a	n/a	100	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-12	0.00033	4/30/2025	0.00033ND	No	54	MW-6A,MW-5AR	n/a	n/a	100	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	MW-9B	0.00033	4/30/2025	0.00033ND	No	54	MW-6A,MW-5AR	n/a	n/a	100	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-1	0.000369	4/30/2025	0.0001ND	No	54	MW-5AR,MW-6A	n/a	n/a	77.78	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-12	0.000369	4/30/2025	0.0001J	No	54	MW-5AR,MW-6A	n/a	n/a	77.78	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-9B	0.000369	4/30/2025	0.0001ND	No	54	MW-5AR,MW-6A	n/a	n/a	77.78	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-1	0.00434	4/30/2025	0.0018ND	No	53	MW-5AR,MW-6A	n/a	n/a	90.57	n/a	n/a	0.0006806	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-12	0.00434	4/30/2025	0.0018ND	No	53	MW-5AR,MW-6A	n/a	n/a	90.57	n/a	n/a	0.0006806	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-9B	0.00434	4/30/2025	0.0018ND	No	53	MW-5AR,MW-6A	n/a	n/a	90.57	n/a	n/a	0.0006806	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-1	0.00135	4/30/2025	0.000577	No	51	MW-5AR,MW-6A	n/a	n/a	72.55	n/a	n/a	0.000725	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-12	0.00135	4/30/2025	0.000233J	No	51	MW-5AR,MW-6A	n/a	n/a	72.55	n/a	n/a	0.000725	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-9B	0.00135	4/30/2025	0.0104	Yes	51	MW-5AR,MW-6A	n/a	n/a	72.55	n/a	n/a	0.000725	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-1	0.0318	4/30/2025	0.0032ND	No	54	MW-5AR,MW-6A	n/a	n/a	72.22	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-12	0.0318	4/30/2025	0.0032ND	No	54	MW-5AR,MW-6A	n/a	n/a	72.22	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-9B	0.0318	4/30/2025	0.0032ND	No	54	MW-5AR,MW-6A	n/a	n/a	72.22	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-1	0.00409	4/30/2025	0.00033ND	No	54	MW-5AR,MW-6A	n/a	n/a	81.48	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-12	0.00409	4/30/2025	0.00033ND	No	54	MW-5AR,MW-6A	n/a	n/a	81.48	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-9B	0.00409	4/30/2025	0.00033ND	No	54	MW-5AR,MW-6A	n/a	n/a	81.48	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-1	0.0121	4/30/2025	0.00308J	No	40	MW-5AR,MW-6A	n/a	n/a	60	n/a	n/a	0.001146	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-12	0.0121	4/30/2025	0.00957	No	40	MW-5AR,MW-6A	n/a	n/a	60	n/a	n/a	0.001146	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-9B	0.0121	4/30/2025	0.0166	Yes	40	MW-5AR,MW-6A	n/a	n/a	60	n/a	n/a	0.001146	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-1	0.00356	4/30/2025	0.0014ND	No	54	MW-5AR,MW-6A	n/a	n/a	72.22	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-12	0.00356	4/30/2025	0.0014ND	No	54	MW-5AR,MW-6A	n/a	n/a	72.22	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-9B	0.00356	4/30/2025	0.0014ND	No	54	MW-5AR,MW-6A	n/a	n/a	72.22	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-1	0.0005	4/30/2025	0.0005ND	No	54	MW-5AR,MW-6A	n/a	n/a	98.15	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-12	0.0005	4/30/2025	0.0005ND	No	54	MW-5AR,MW-6A	n/a	n/a	98.15	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-9B	0.0005	4/30/2025	0.0005ND	No	54	MW-5AR,MW-6A	n/a	n/a	98.15	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-1	0.00057	4/30/2025	0.00057ND	No	54	MW-6A,MW-5AR	n/a	n/a	100	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-12	0.00057	4/30/2025	0.00057ND	No	54	MW-6A,MW-5AR	n/a	n/a	100	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-9B	0.00057	4/30/2025	0.00057ND	No	54	MW-6A,MW-5AR	n/a	n/a	100	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-1	0.00579	4/30/2025	0.0017ND	No	54	MW-5AR,MW-6A	n/a	n/a	81.48	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-12	0.00579	4/30/2025	0.0017ND	No	54	MW-5AR,MW-6A	n/a	n/a	81.48	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-9B	0.00579	4/30/2025	0.0017ND	No	54	MW-5AR,MW-6A	n/a	n/a	81.48	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-1	0.0638	4/30/2025	0.013ND	No	54	MW-5AR,MW-6A	n/a	n/a	72.22	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-12	0.0638	4/30/2025	0.013ND	No	54	MW-5AR,MW-6A	n/a	n/a	72.22	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-9B	0.0638	4/30/2025	0.013ND	No	54	MW-5AR,MW-6A	n/a	n/a	72.22	n/a	n/a	0.0006584	NP Inter (NDs) 1 of 2



Alluvium Prediction Limits

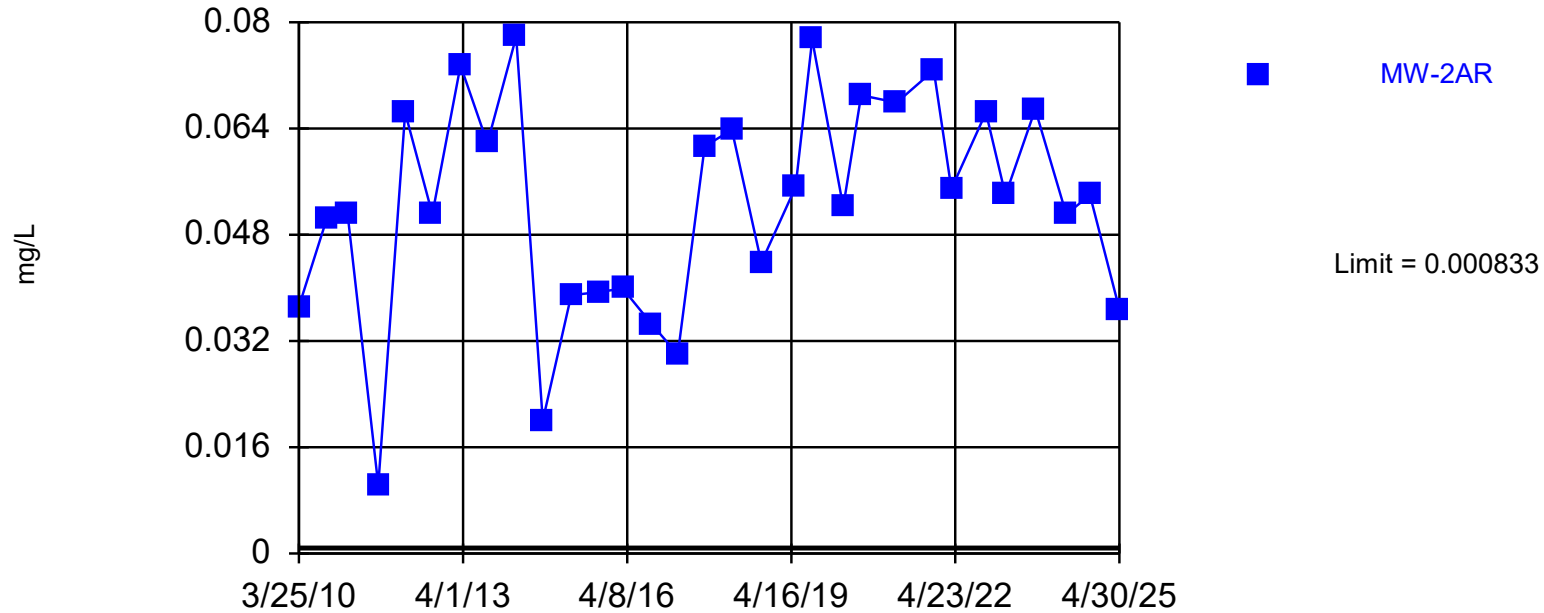


This page intentionally left blank.

Exceeds Limit: MW-2AR

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 73.68% NDs. Annual per-constituent alpha = 0.02748. Individual comparison alpha = 0.004634 (1 of 2). Assumes 2 future values.

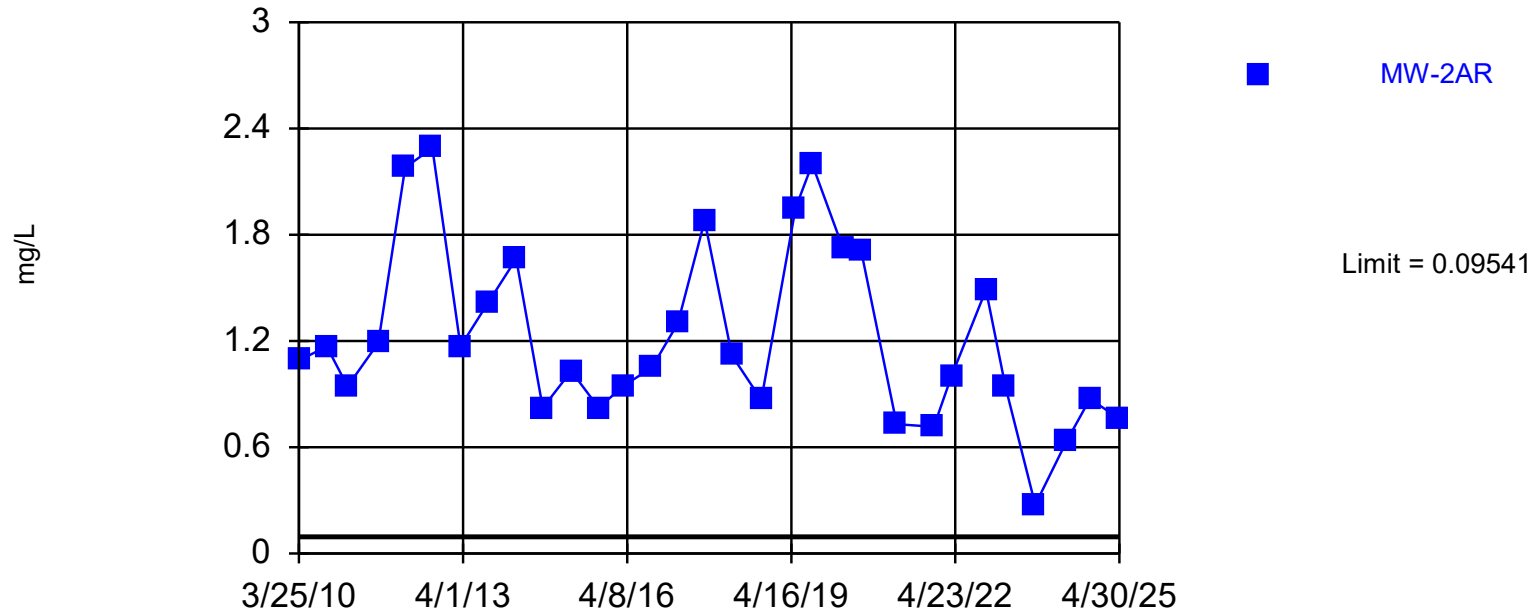
Constituent: Arsenic Analysis Run 5/16/2025 9:16 AM View: Alluvium PL

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Exceeds Limit: MW-2AR

Prediction Limit

Interwell Parametric



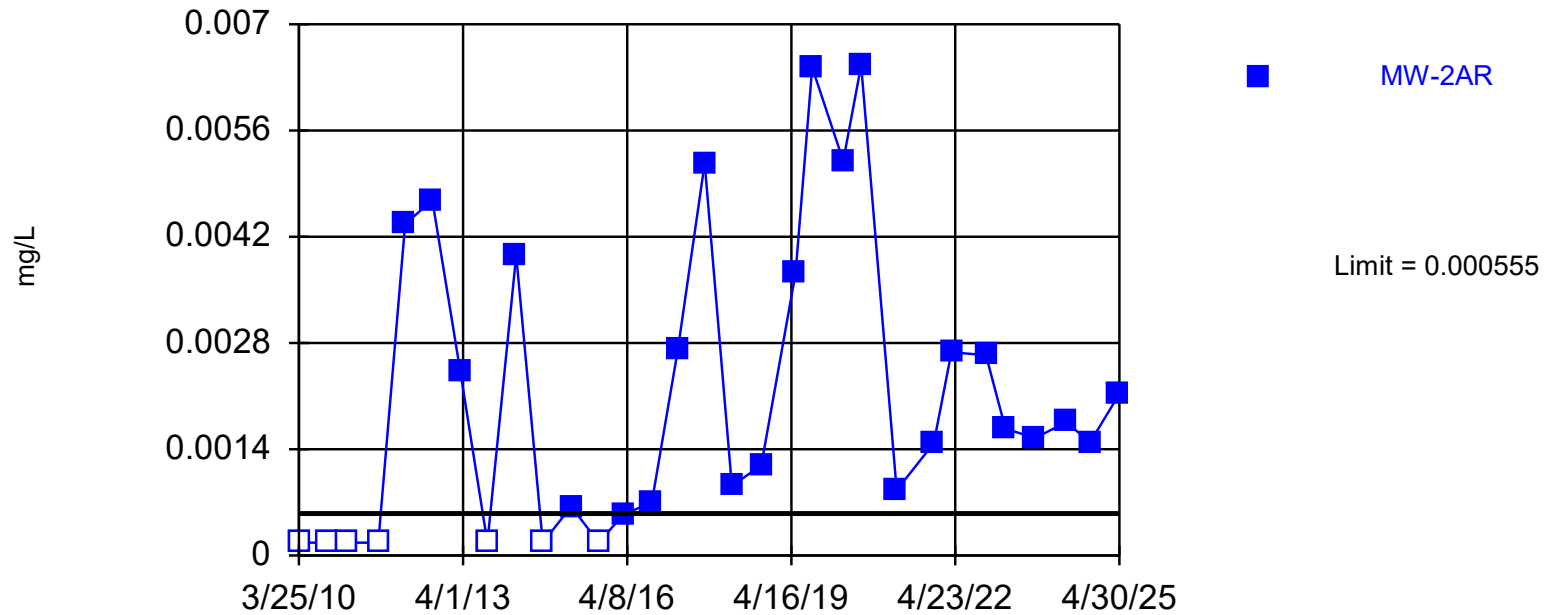
Background Data Summary: Mean=0.05992, Std. Dev.=0.01609, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9612, critical = 0.858. Kappa = 2.206 (c=16, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287. Individual comparison alpha = 0.001097. Assumes 2 future values.

Constituent: Barium Analysis Run 5/16/2025 9:16 AM View: Alluvium PL
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Exceeds Limit: MW-2AR

Prediction Limit

Interwell Non-parametric



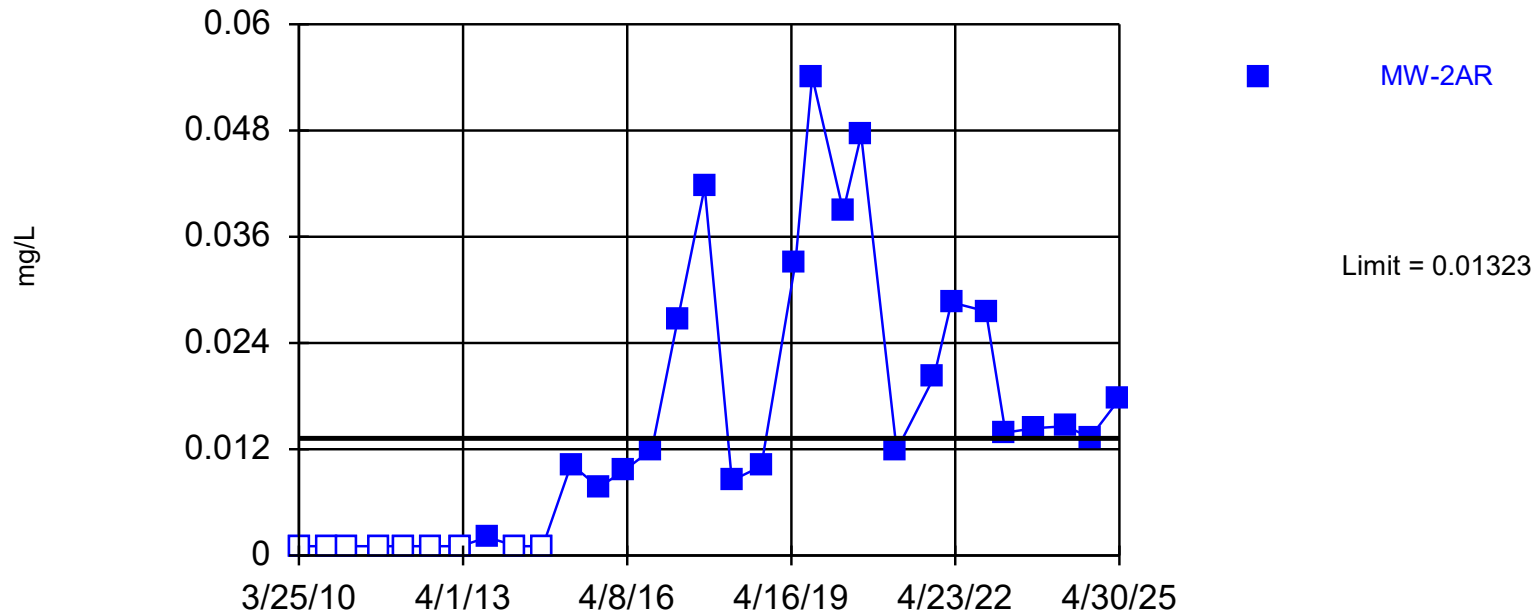
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 61.11% NDs. Annual per-constituent alpha = 0.0304. Individual comparison alpha = 0.005131 (1 of 2). Assumes 2 future values.

Constituent: Cobalt Analysis Run 5/16/2025 9:16 AM View: Alluvium PL
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Exceeds Limit: MW-2AR

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=0.006769, Std. Dev.=0.00296, n=19, 10.53% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9195, critical = 0.863. Kappa = 2.182 (c=16, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287. Individual comparison alpha = 0.001097. Assumes 2 future values.

Constituent: Nickel Analysis Run 5/16/2025 9:16 AM View: Alluvium PL
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Prediction Limit

Metro Park West LF

Client: Iowa Metro Waste Authority

Data: MPW_G Database

Printed 5/16/2025, 9:19 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	MW-2AR	0.001	4/30/2025	0.001ND	No	19	MW-28	94.74	n/a	n/a	0.004634	NP Inter (NDs)...
Arsenic (mg/L)	MW-2AR	0.000833	4/30/2025	0.0368	Yes	19	MW-28	73.68	n/a	n/a	0.004634	NP Inter (NDs)...
Barium (mg/L)	MW-2AR	0.09541	4/30/2025	0.762	Yes	18	MW-28	0	None	No	0.001097	Param Inter 1 of 2
Beryllium (mg/L)	MW-2AR	0.00033	4/30/2025	0.00033ND	No	19	MW-28	100	n/a	n/a	0.004634	NP Inter (NDs)...
Cadmium (mg/L)	MW-2AR	0.0003232	4/30/2025	0.0001ND	No	19	MW-28	21.05	Kaplan-Meier	No	0.001097	Param Inter 1 of 2
Chromium (mg/L)	MW-2AR	0.0018	4/30/2025	0.0018ND	No	19	MW-28	84.21	n/a	n/a	0.004634	NP Inter (NDs)...
Cobalt (mg/L)	MW-2AR	0.000555	4/30/2025	0.00213	Yes	18	MW-28	61.11	n/a	n/a	0.005131	NP Inter (NDs)...
Copper (mg/L)	MW-2AR	0.0032	4/30/2025	0.0032ND	No	19	MW-28	84.21	n/a	n/a	0.004634	NP Inter (NDs)...
Lead (mg/L)	MW-2AR	0.000765	4/30/2025	0.00033ND	No	17	MW-28	76.47	n/a	n/a	0.00563	NP Inter (NDs)...
Nickel (mg/L)	MW-2AR	0.01323	4/30/2025	0.0177	Yes	19	MW-28	10.53	None	No	0.001097	Param Inter 1 of 2
Selenium (mg/L)	MW-2AR	0.00431	4/30/2025	0.0014ND	No	19	MW-28	36.84	n/a	n/a	0.004634	NP Inter (norma...
Silver (mg/L)	MW-2AR	0.000925	4/30/2025	0.0005ND	No	19	MW-28	84.21	n/a	n/a	0.004634	NP Inter (NDs)...
Thallium (mg/L)	MW-2AR	0.00057	4/30/2025	0.00057ND	No	19	MW-28	94.74	n/a	n/a	0.004634	NP Inter (NDs)...
Vanadium (mg/L)	MW-2AR	0.0019	4/30/2025	0.00209J	No	17	MW-28	76.47	n/a	n/a	0.00563	NP Inter (NDs)...
Zinc (mg/L)	MW-2AR	0.013	4/30/2025	0.013ND	No	19	MW-28	94.74	n/a	n/a	0.004634	NP Inter (NDs)...



VOCs - DQR



This page intentionally left blank.

Data Screening

Analysis Run 5/16/2025 1:43 PM View: Alluvium - Detected VOCs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

UG 'Double Quantification Rule' results for 5 constituents in MW-2AR (d) on 2 dates:

Chlorobenzene, MW-2AR, 10/14/2024: 1.24 ug/L, 4/30/2025: 1.35 ug/L



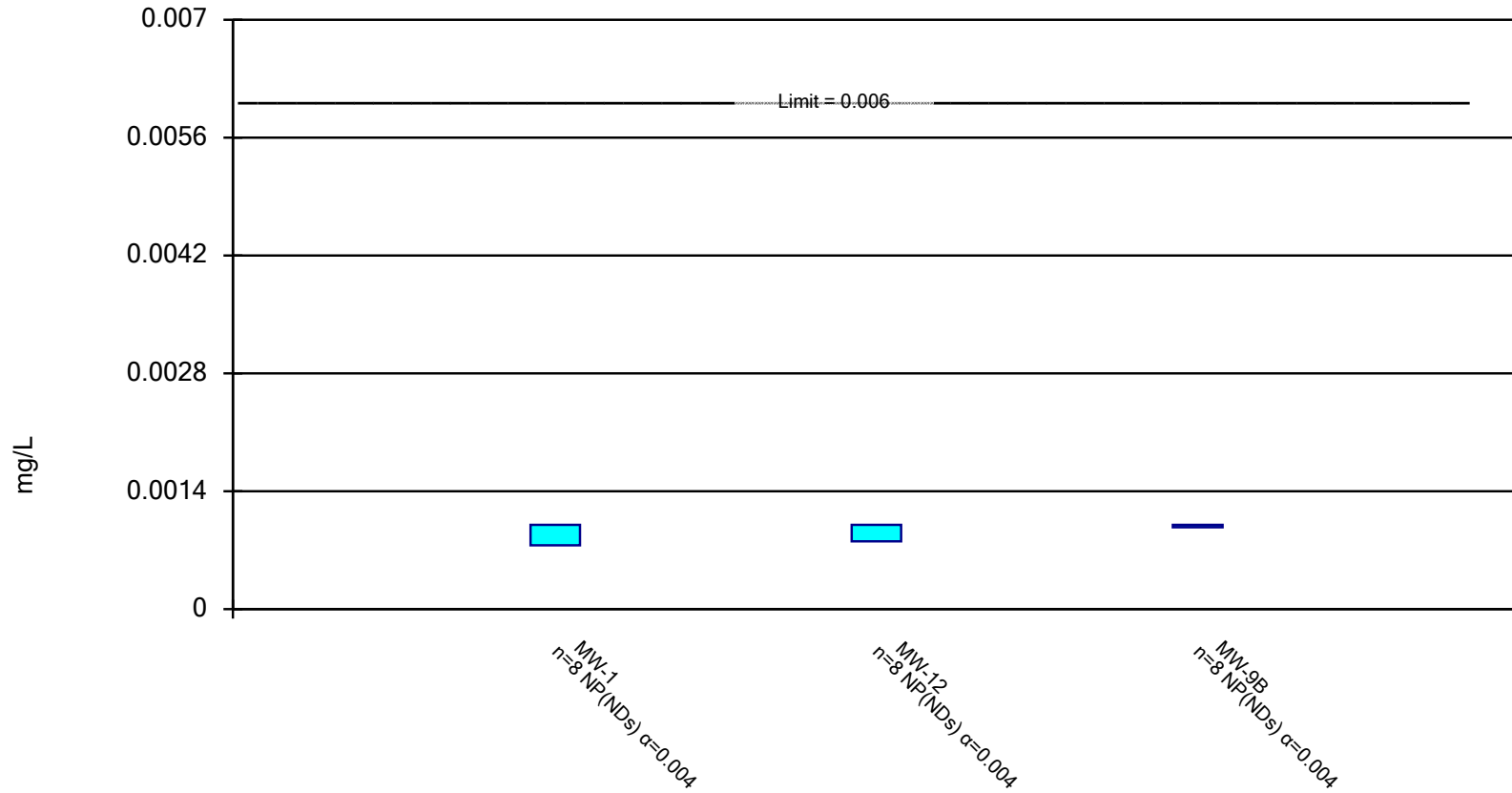
Glacial Till – Confidence Intervals



This page intentionally left blank.

Non-Parametric Confidence Interval

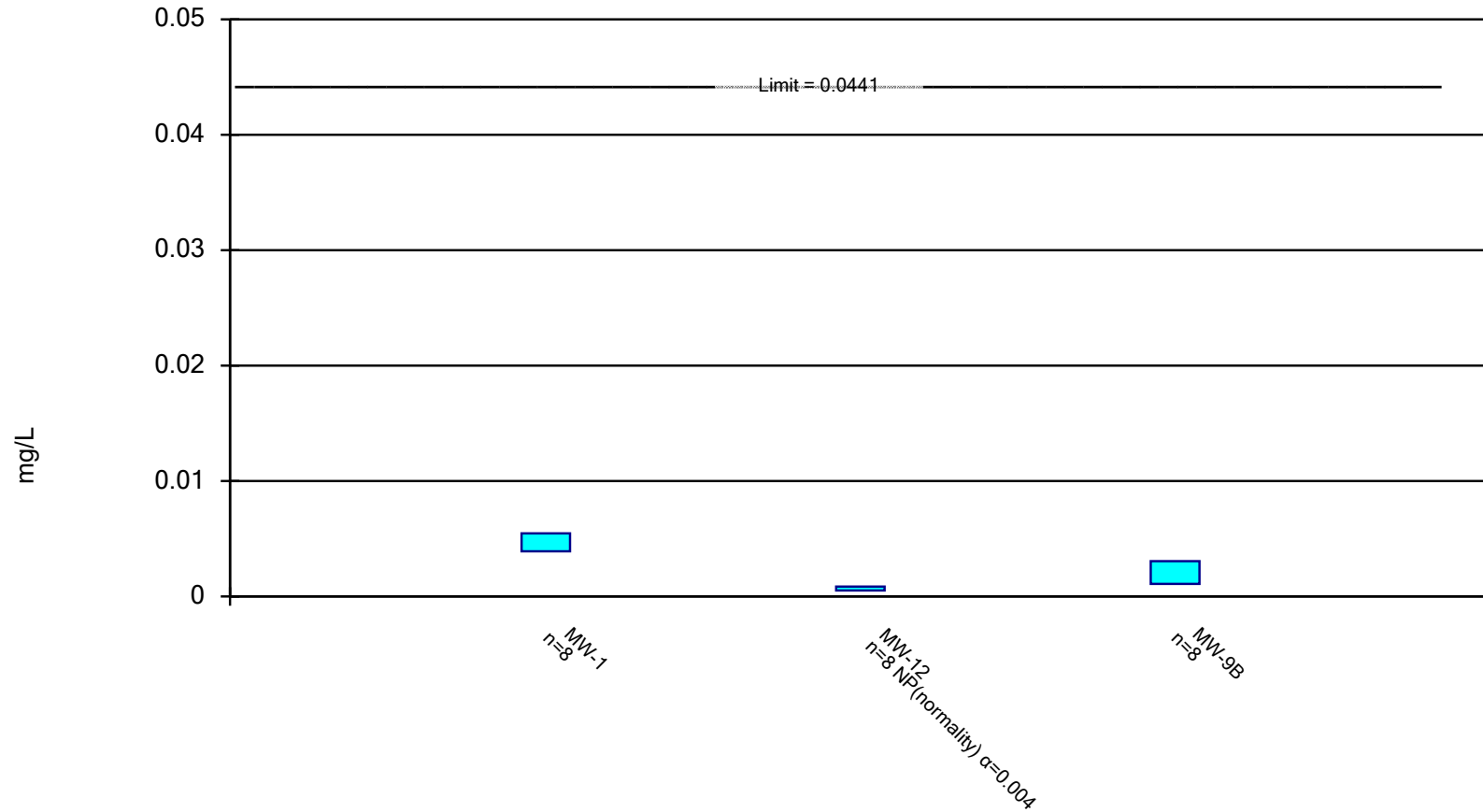
Compliance Limit is not exceeded.



Constituent: Antimony Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Parametric and Non-Parametric (NP) Confidence Interval

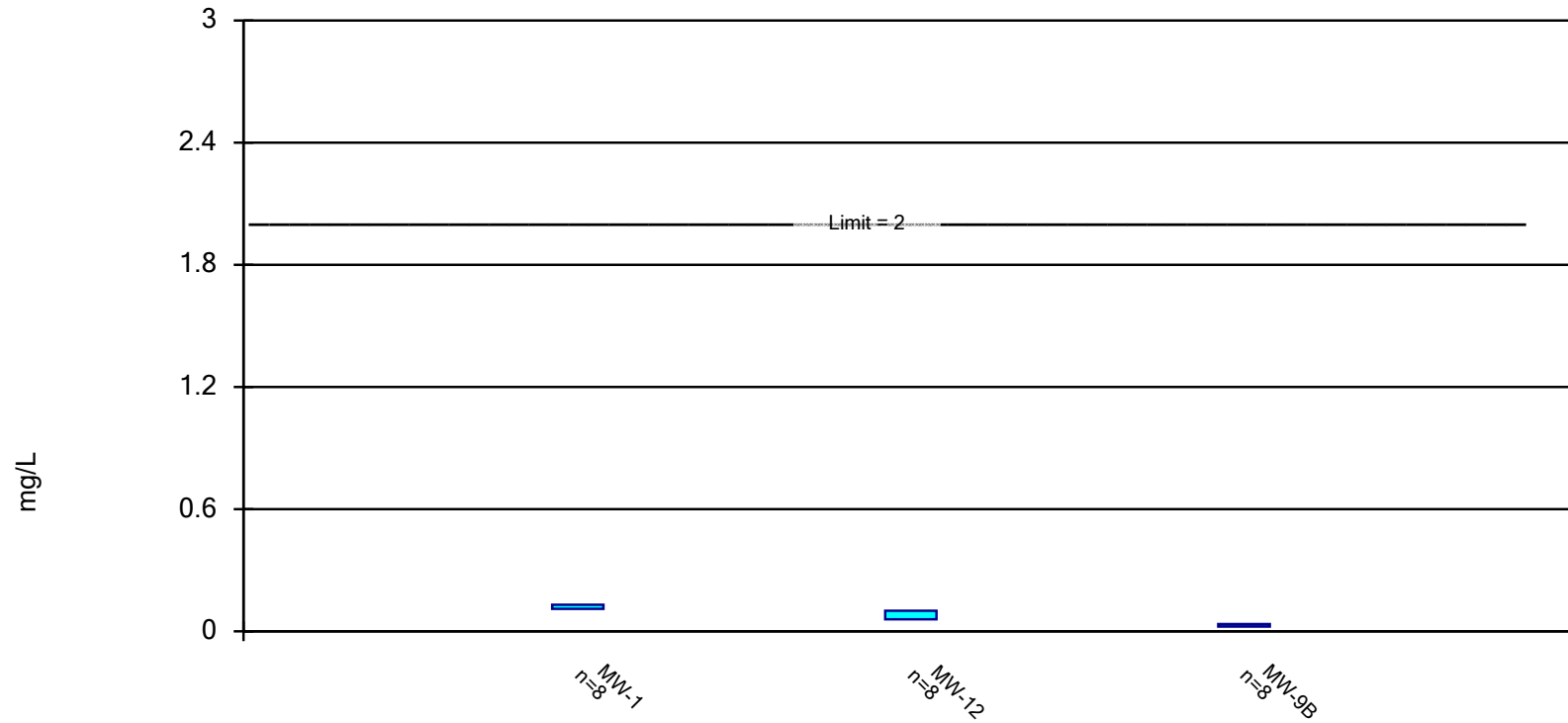
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Parametric Confidence Interval

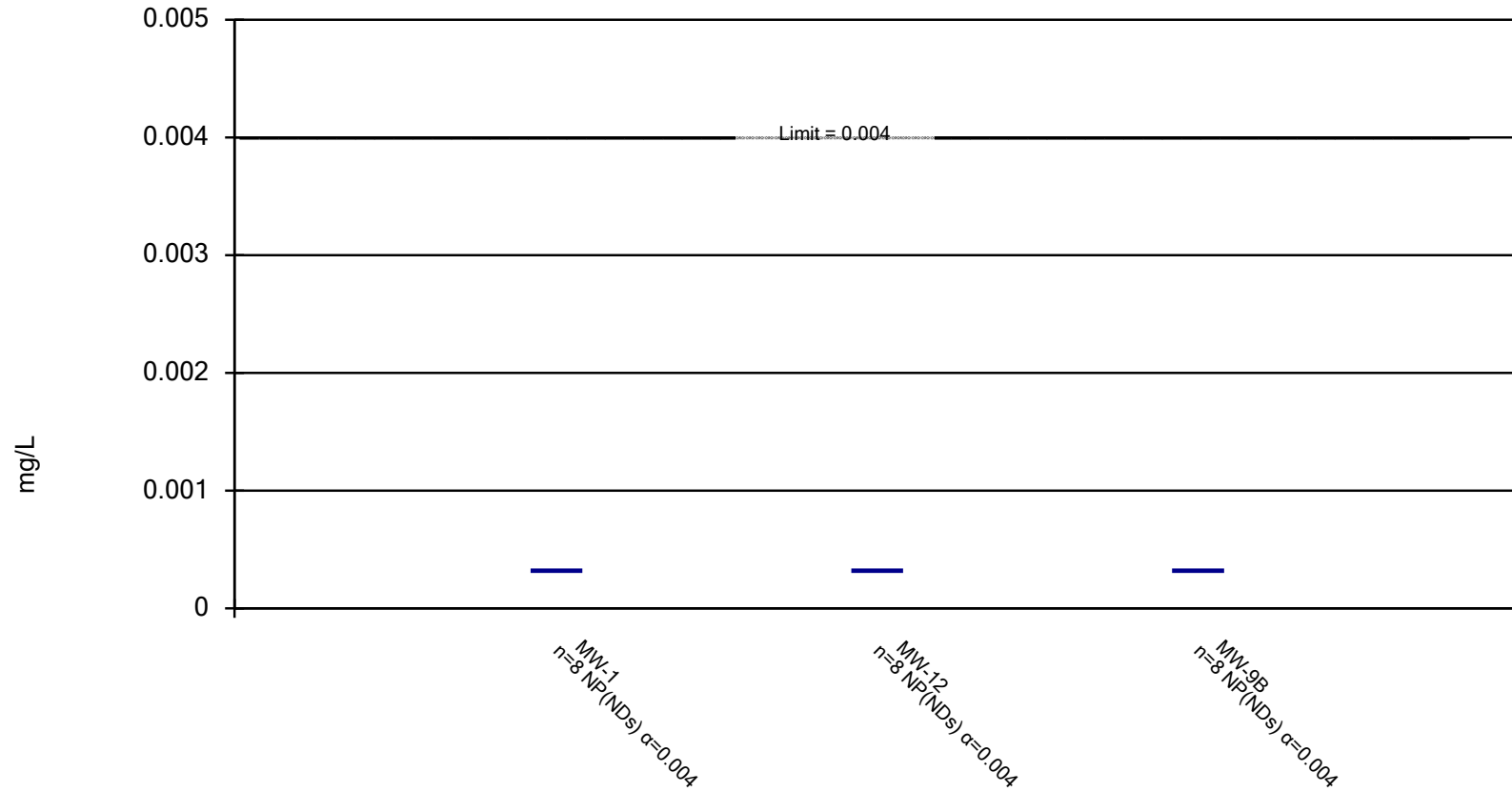
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

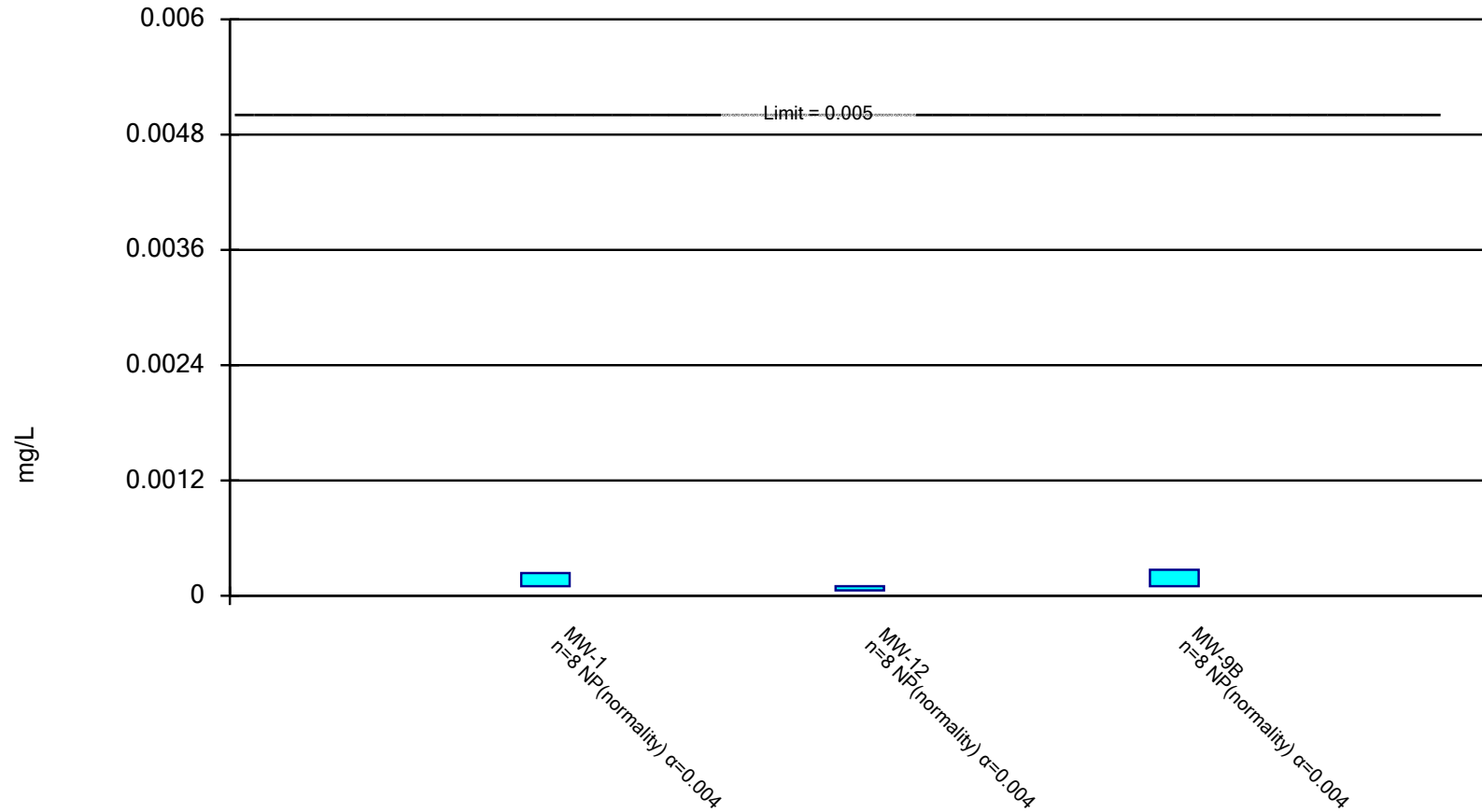
Compliance Limit is not exceeded.



Constituent: Beryllium Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

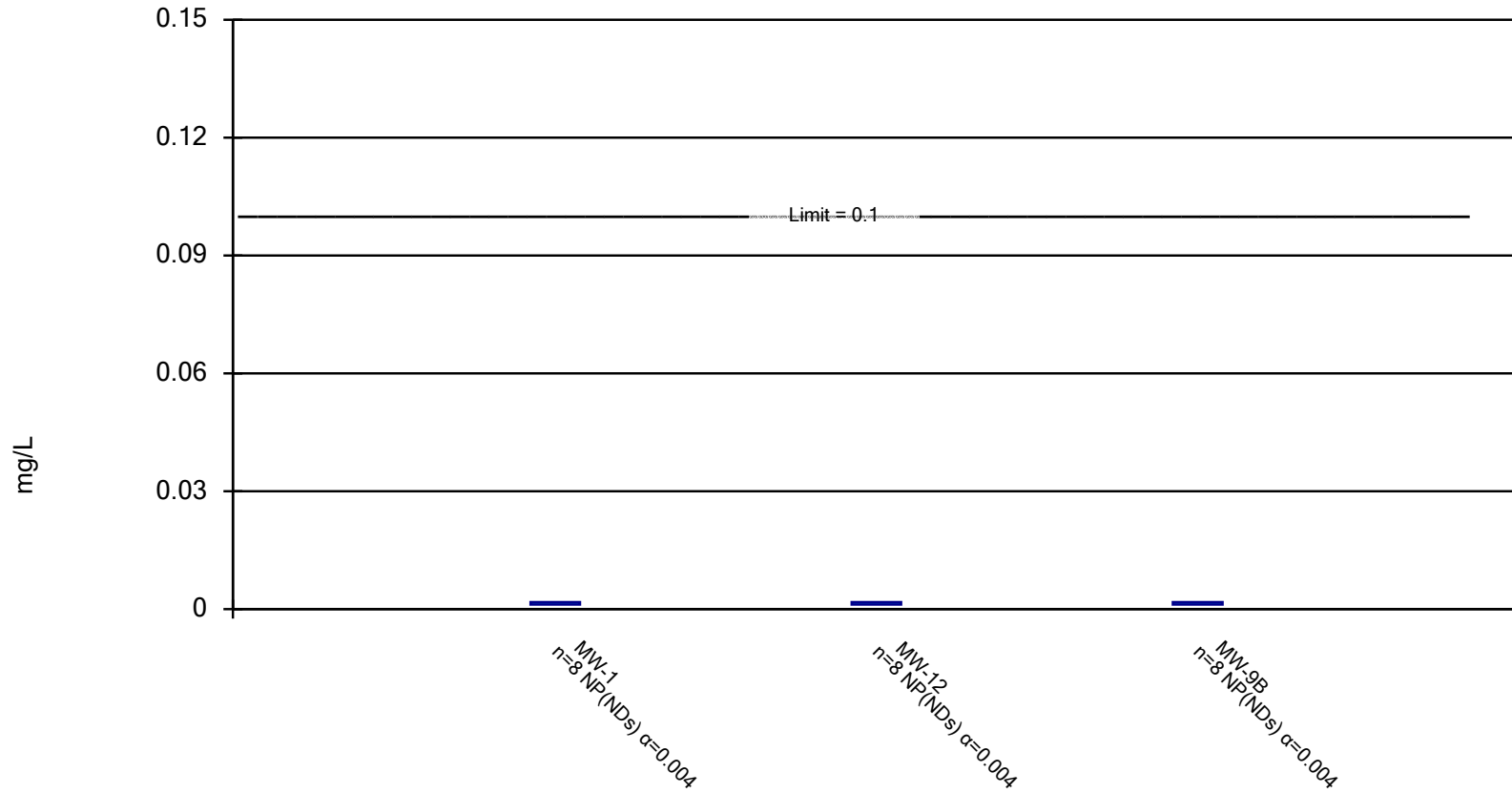
Compliance Limit is not exceeded.



Constituent: Cadmium Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

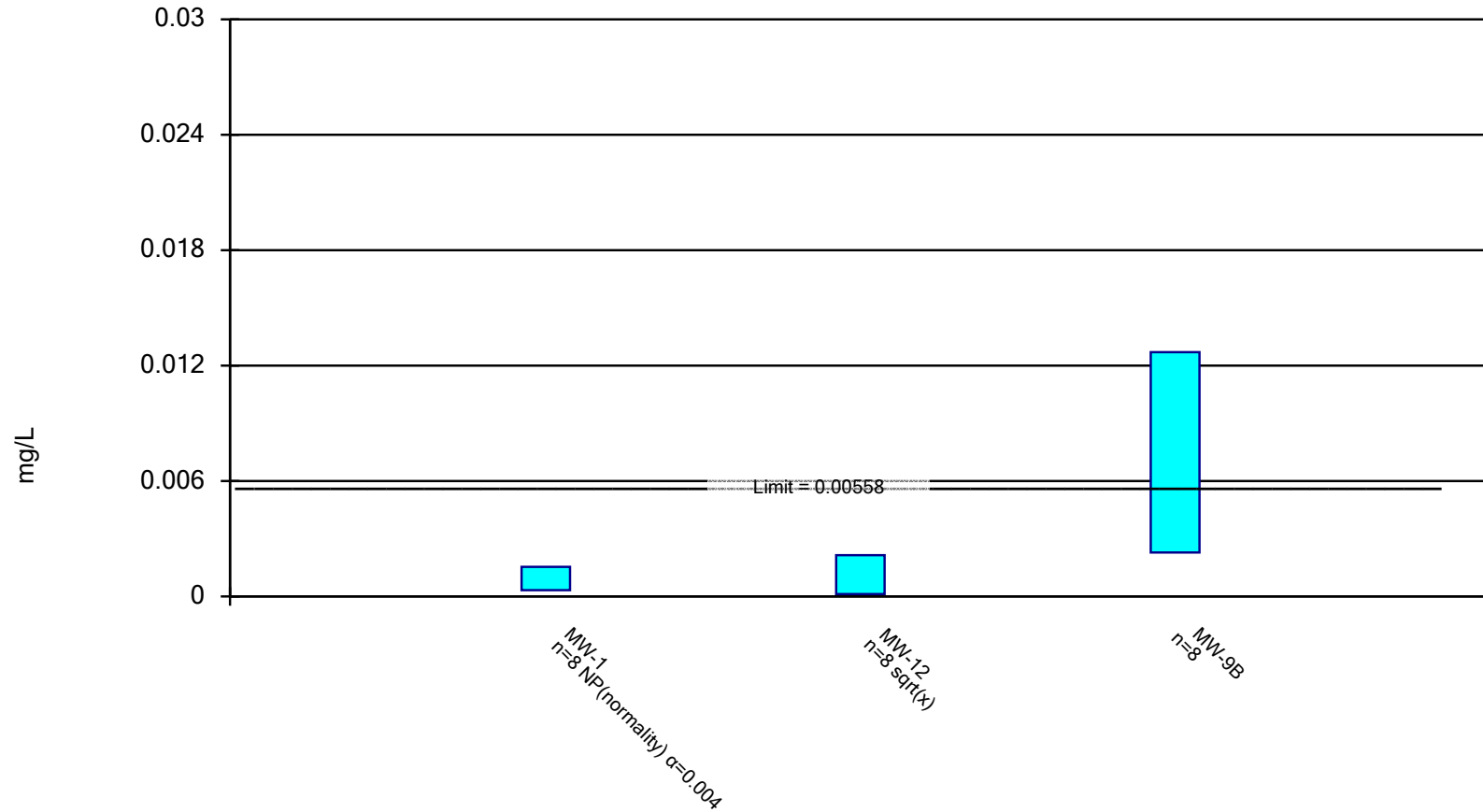
Compliance Limit is not exceeded.



Constituent: Chromium Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Parametric and Non-Parametric (NP) Confidence Interval

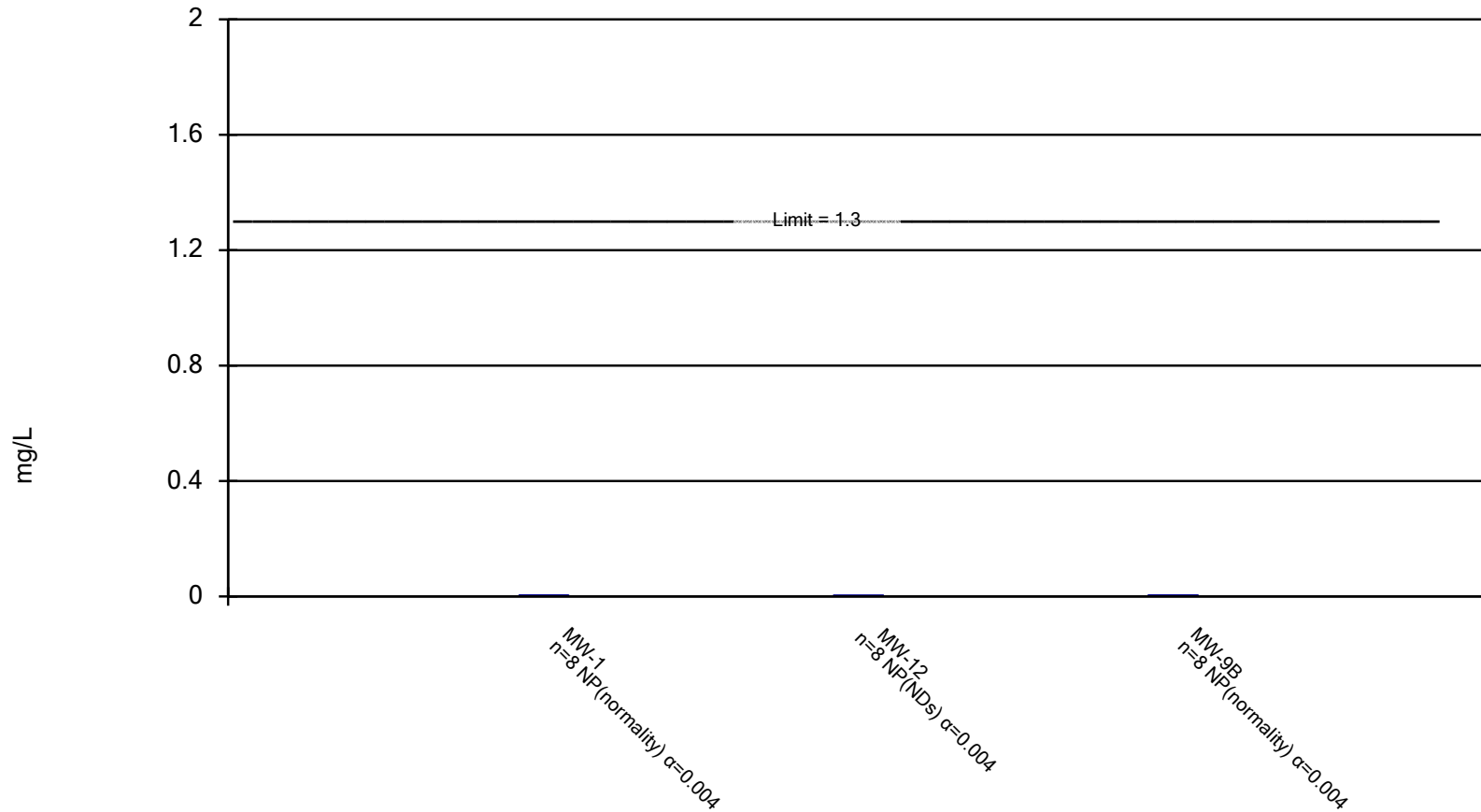
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

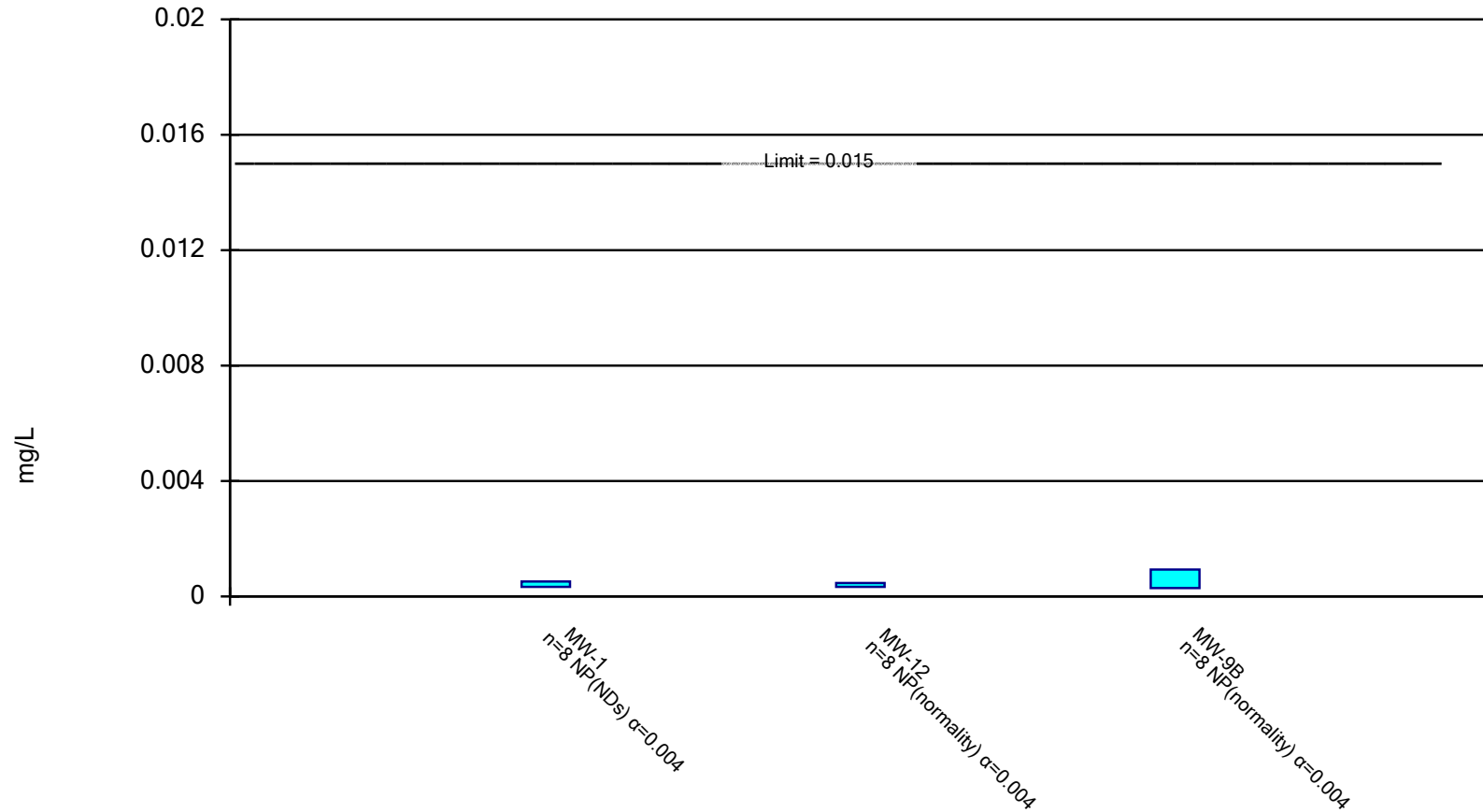
Compliance Limit is not exceeded.



Constituent: Copper Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

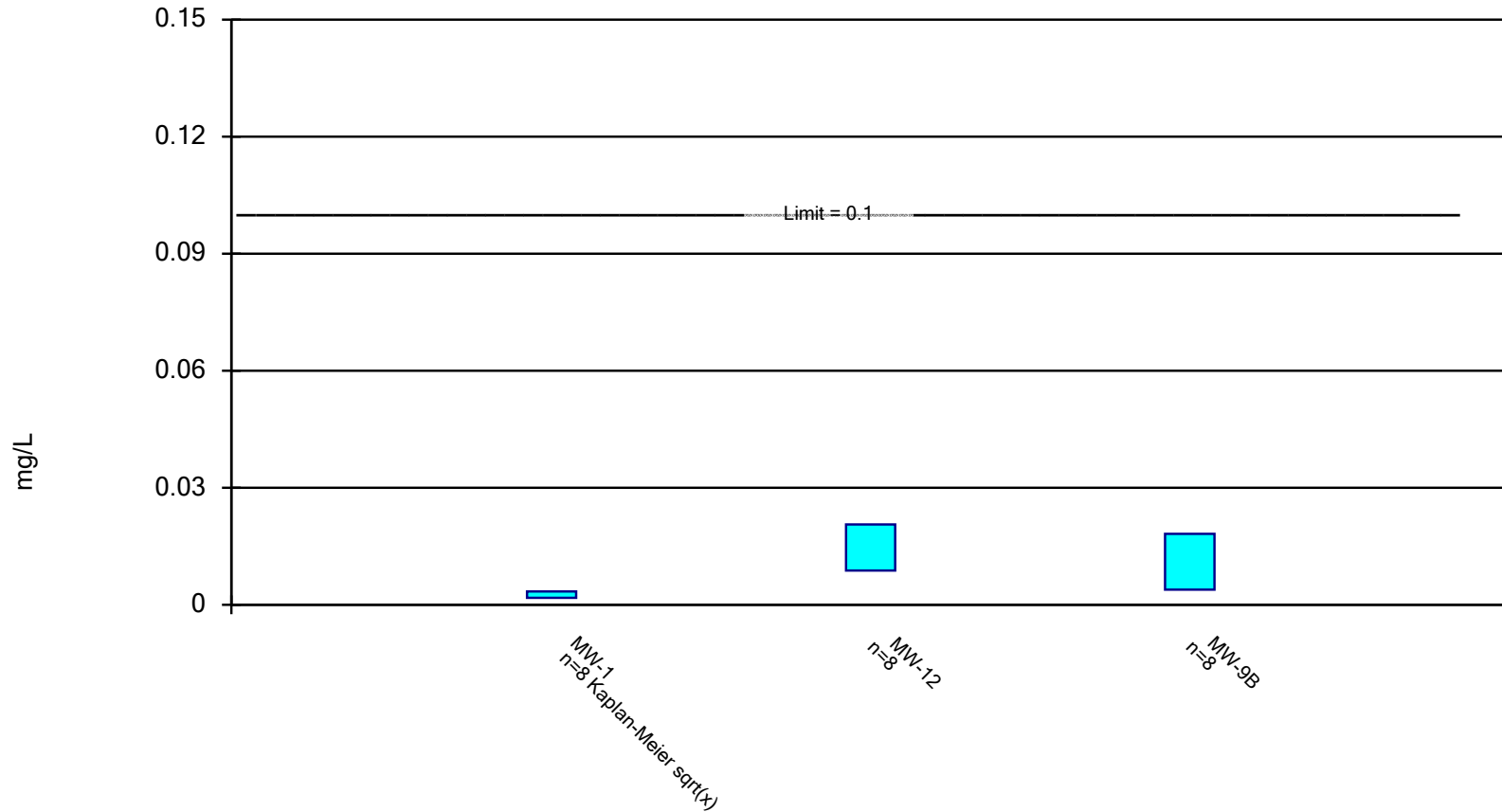
Compliance Limit is not exceeded.



Constituent: Lead Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Parametric Confidence Interval

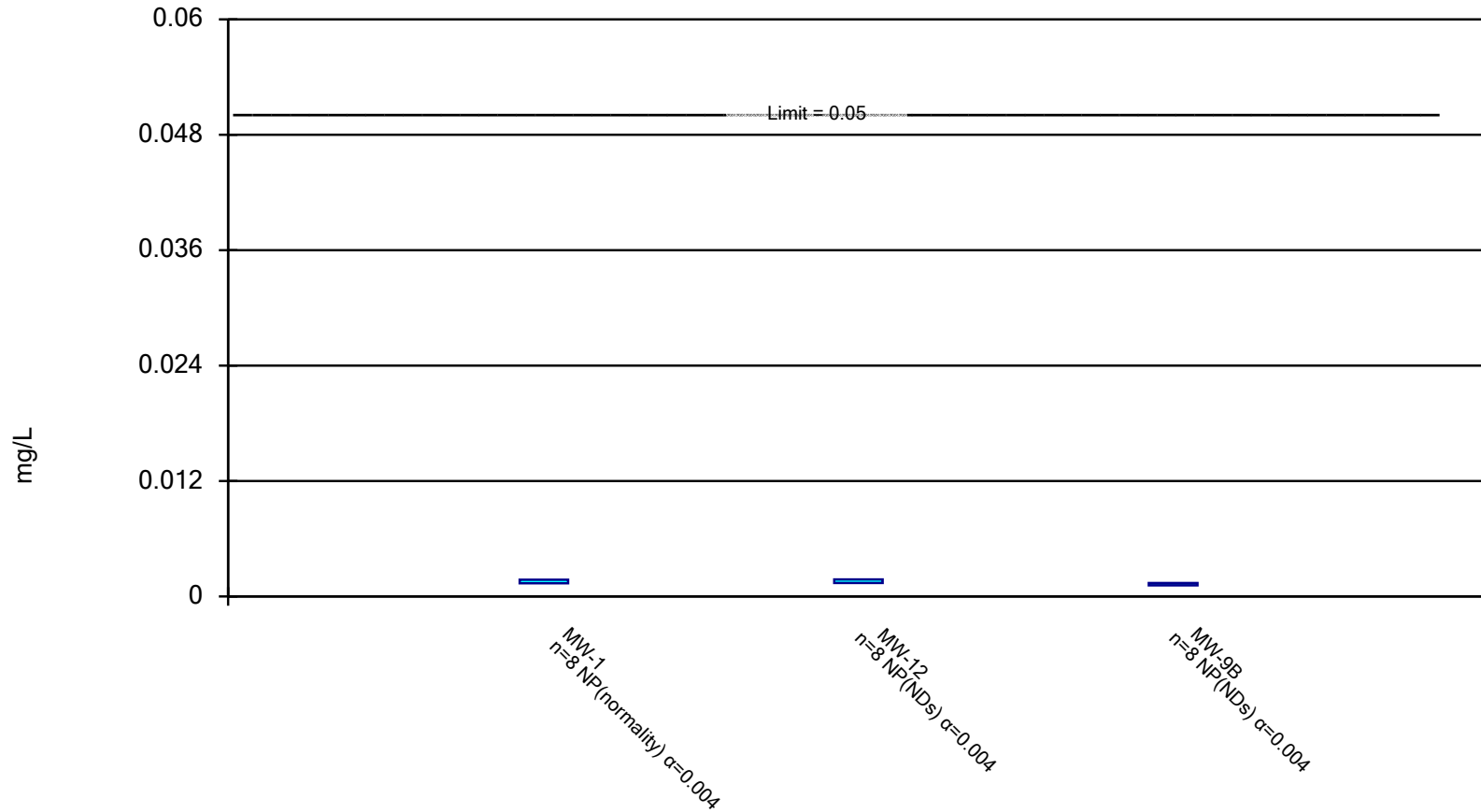
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Nickel Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

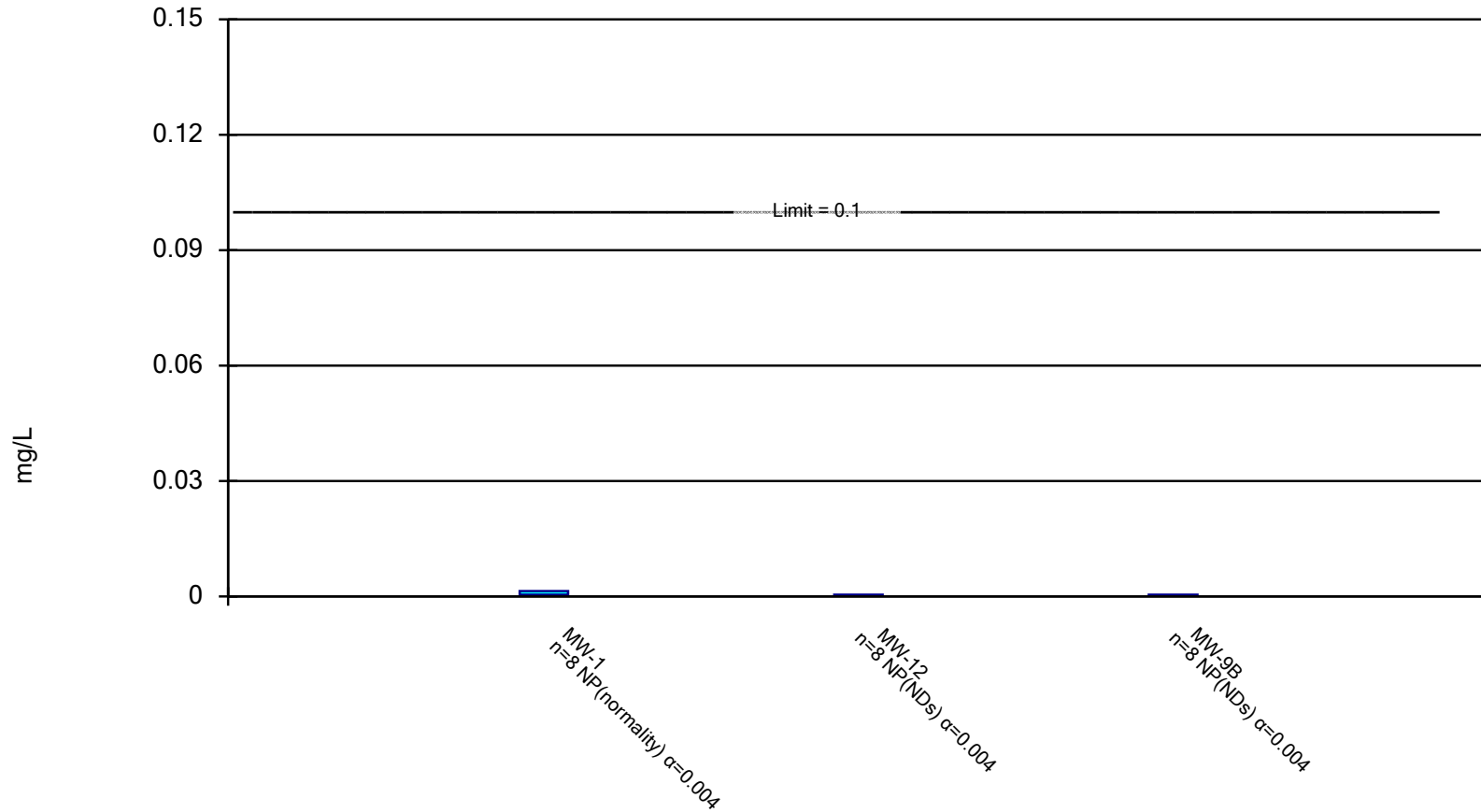
Compliance Limit is not exceeded.



Constituent: Selenium Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

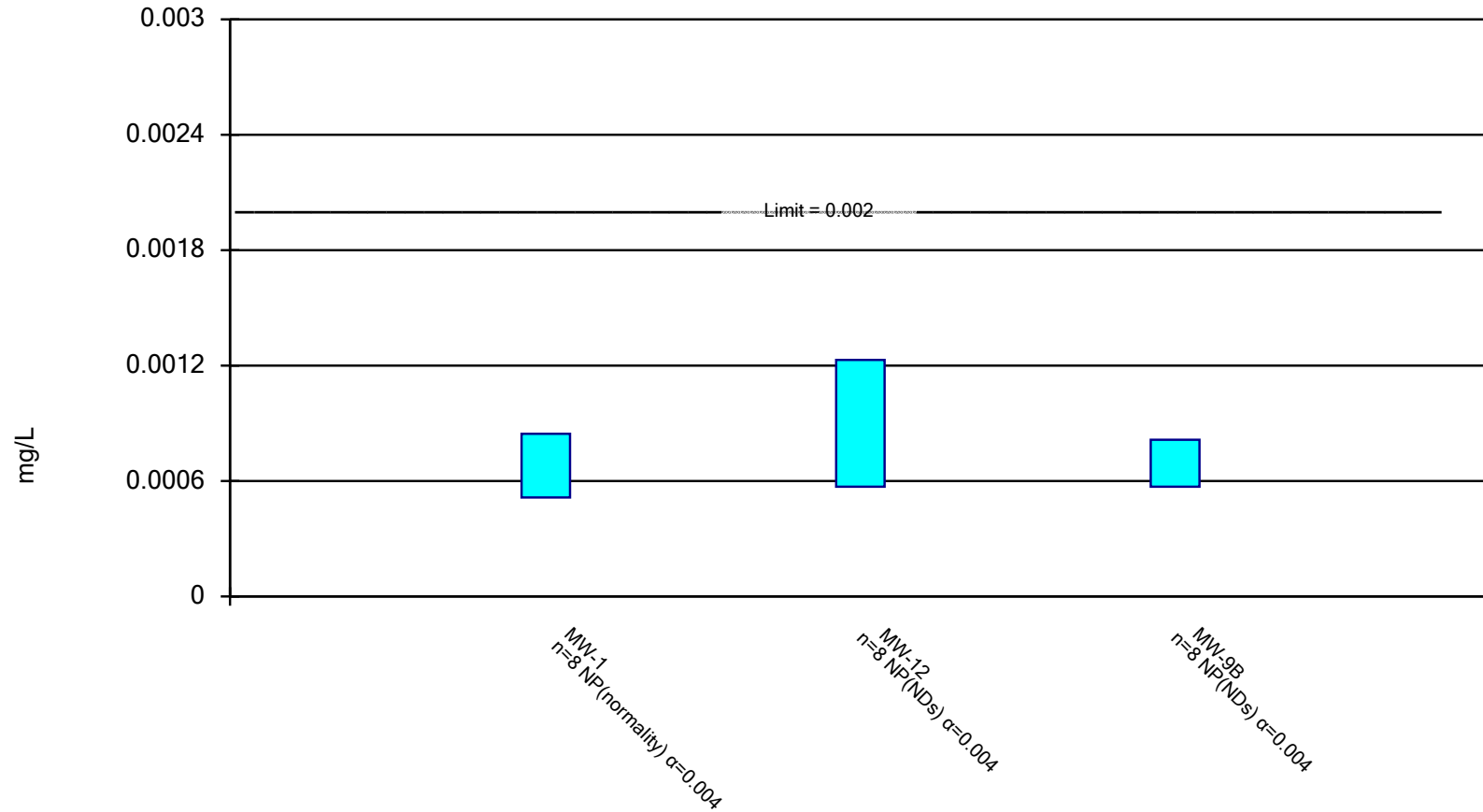
Compliance Limit is not exceeded.



Constituent: Silver Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

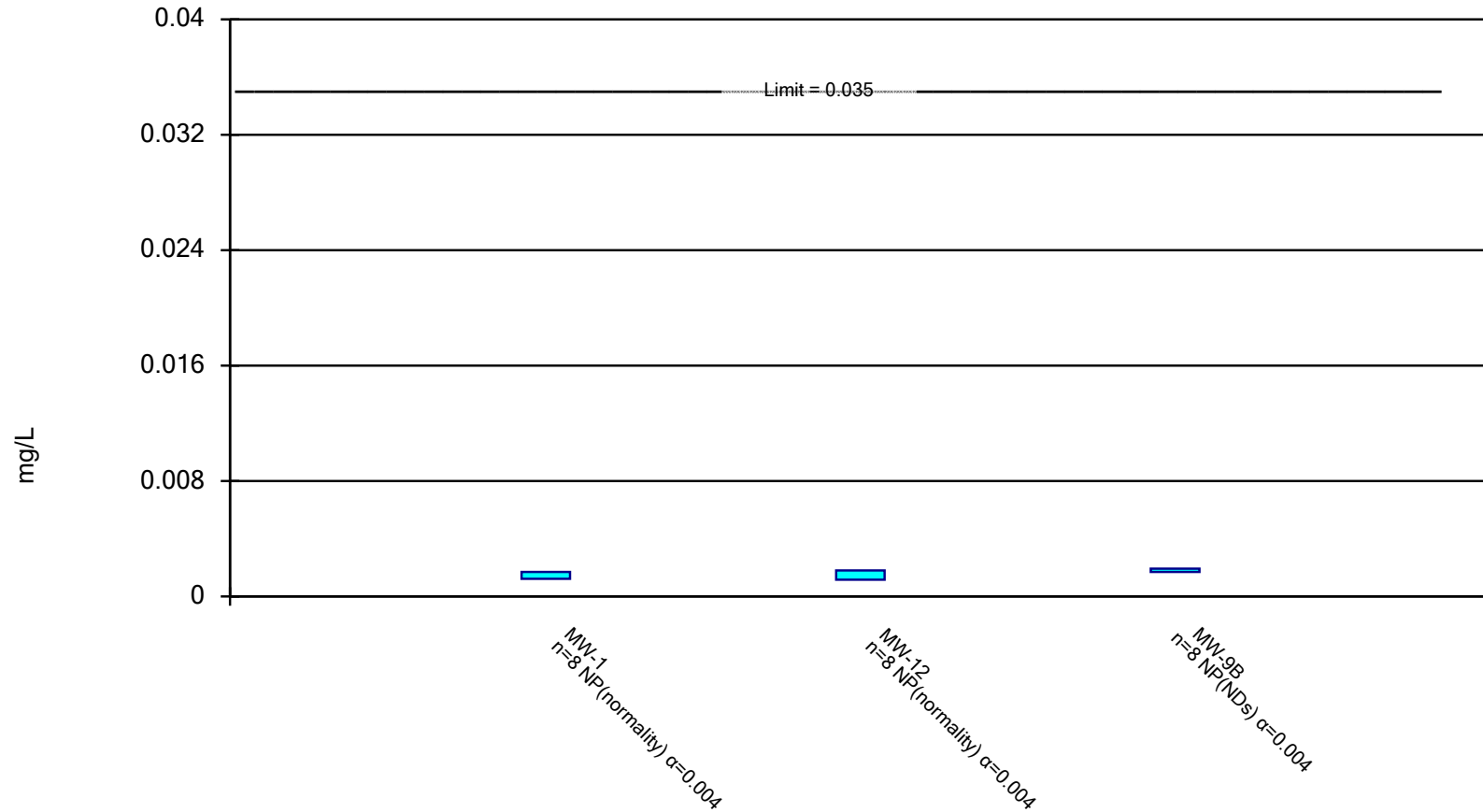
Compliance Limit is not exceeded.



Constituent: Thallium Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

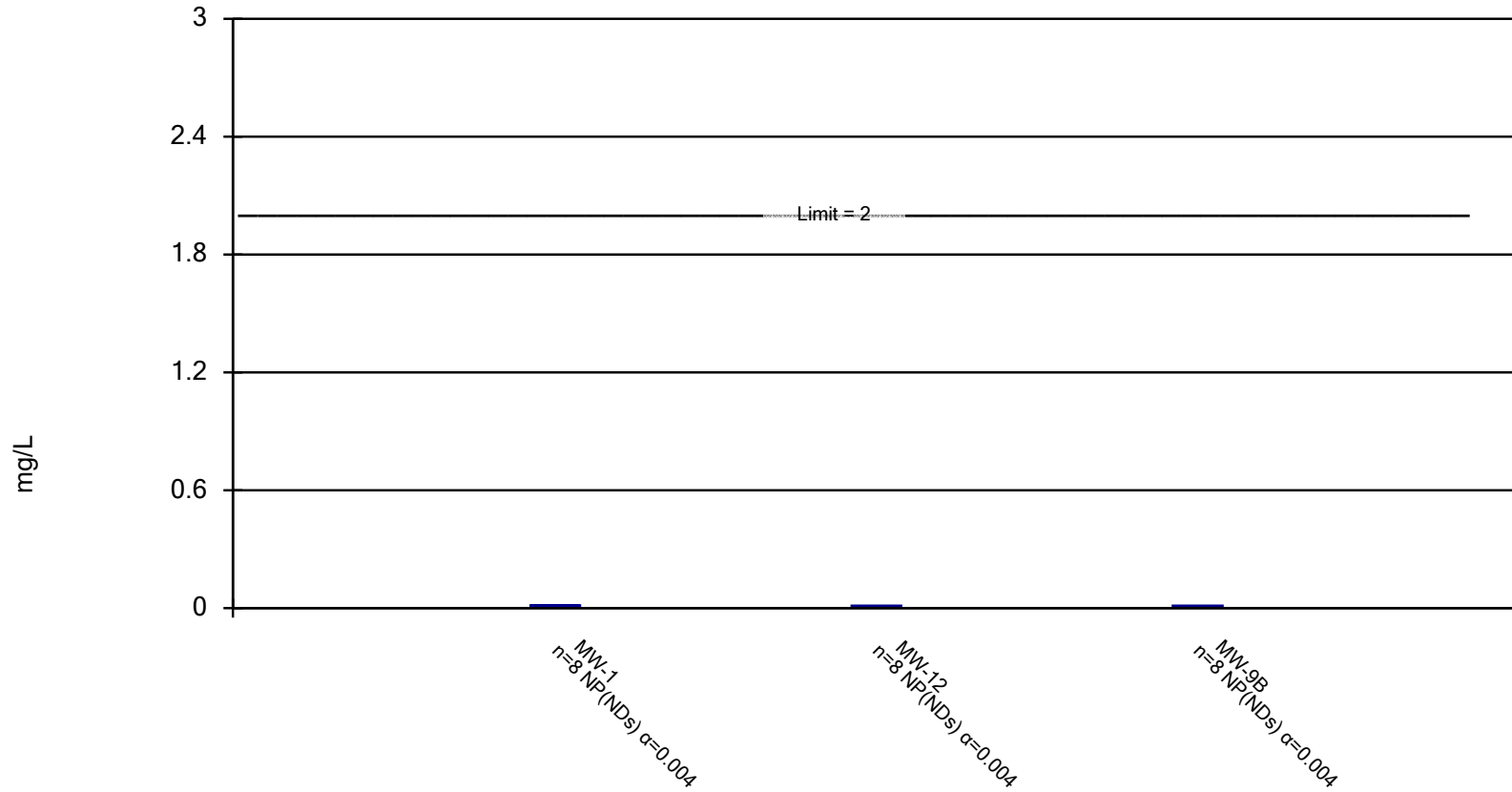
Compliance Limit is not exceeded.



Constituent: Vanadium Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: Zinc Analysis Run 6/11/2025 5:05 PM View: Glacial Till CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Confidence Interval

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 6/11/2025, 5:05 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	MW-1	0.001	0.000757	0.006	No	8	0.0009696	0.00008591	87.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	MW-12	0.001	0.000804	0.006	No	8	0.0009755	0.0000693	87.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	MW-9B	0.001	0.001	0.006	No	8	0.001	0	100	None	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-1	0.005455	0.003915	0.0441	No	8	0.004685	0.0007265	0	None	No	0.01	Param.
Arsenic (mg/L)	MW-12	0.000859	0.00053	0.0441	No	8	0.000596	0.0001271	75	None	No	0.004	NP (normality)
Arsenic (mg/L)	MW-9B	0.003056	0.001103	0.0441	No	8	0.00208	0.0009216	0	None	No	0.01	Param.
Barium (mg/L)	MW-1	0.1312	0.1111	2	No	8	0.1211	0.009463	0	None	No	0.01	Param.
Barium (mg/L)	MW-12	0.1005	0.05945	2	No	8	0.08	0.01938	0	None	No	0.01	Param.
Barium (mg/L)	MW-9B	0.0363	0.02328	2	No	8	0.02979	0.00614	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-1	0.00033	0.00033	0.004	No	8	0.00033	0	100	None	No	0.004	NP (NDs)
Beryllium (mg/L)	MW-12	0.00033	0.00033	0.004	No	8	0.00033	0	100	None	No	0.004	NP (NDs)
Beryllium (mg/L)	MW-9B	0.00033	0.00033	0.004	No	8	0.00033	0	100	None	No	0.004	NP (NDs)
Cadmium (mg/L)	MW-1	0.000236	0.0001	0.005	No	8	0.0001274	0.00005263	75	None	No	0.004	NP (normality)
Cadmium (mg/L)	MW-12	0.0001	0.000056	0.005	No	8	0.0000945	0.00001556	75	None	No	0.004	NP (normality)
Cadmium (mg/L)	MW-9B	0.000271	0.0001	0.005	No	8	0.0001511	0.00006466	50	None	No	0.004	NP (normality)
Chromium (mg/L)	MW-1	0.0018	0.0018	0.1	No	8	0.0018	0	100	None	No	0.004	NP (NDs)
Chromium (mg/L)	MW-12	0.0018	0.0018	0.1	No	8	0.0018	0	100	None	No	0.004	NP (NDs)
Chromium (mg/L)	MW-9B	0.0018	0.0018	0.1	No	8	0.0018	0	100	None	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-1	0.00154	0.000333	0.00558	No	8	0.0007426	0.0004753	0	None	No	0.004	NP (normality)
Cobalt (mg/L)	MW-12	0.002152	0.0001258	0.00558	No	8	0.001071	0.001214	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-9B	0.0127	0.00228	0.00558	No	8	0.007488	0.004913	0	None	No	0.01	Param.
Copper (mg/L)	MW-1	0.0032	0.00189	1.3	No	8	0.002662	0.0006045	50	None	No	0.004	NP (normality)
Copper (mg/L)	MW-12	0.0032	0.0032	1.3	No	8	0.0032	0	100	None	No	0.004	NP (NDs)
Copper (mg/L)	MW-9B	0.0032	0.00239	1.3	No	8	0.003006	0.0003592	75	None	No	0.004	NP (normality)
Lead (mg/L)	MW-1	0.000524	0.00033	0.015	No	8	0.0003543	0.00006859	87.5	None	No	0.004	NP (NDs)
Lead (mg/L)	MW-12	0.000468	0.00033	0.015	No	8	0.0003546	0.00005025	75	None	No	0.004	NP (normality)
Lead (mg/L)	MW-9B	0.000931	0.000294	0.015	No	8	0.0004568	0.0002494	62.5	None	No	0.004	NP (normality)
Nickel (mg/L)	MW-1	0.003397	0.001824	0.1	No	8	0.002651	0.0008143	25	Kaplan-Meier	sqrt(x)	0.01	Param.
Nickel (mg/L)	MW-12	0.02056	0.008795	0.1	No	8	0.01468	0.005551	0	None	No	0.01	Param.
Nickel (mg/L)	MW-9B	0.01821	0.003921	0.1	No	8	0.01107	0.006742	12.5	None	No	0.01	Param.
Selenium (mg/L)	MW-1	0.00175	0.00138	0.05	No	8	0.001441	0.000125	75	None	No	0.004	NP (normality)
Selenium (mg/L)	MW-12	0.00176	0.0014	0.05	No	8	0.001445	0.0001273	87.5	None	No	0.004	NP (NDs)
Selenium (mg/L)	MW-9B	0.0014	0.0014	0.05	No	8	0.0014	0	100	None	No	0.004	NP (NDs)
Silver (mg/L)	MW-1	0.00137	0.0005	0.1	No	8	0.0007038	0.0003784	75	None	No	0.004	NP (normality)
Silver (mg/L)	MW-12	0.0005	0.0005	0.1	No	8	0.0005	0	100	None	No	0.004	NP (NDs)
Silver (mg/L)	MW-9B	0.0005	0.0005	0.1	No	8	0.0005	0	100	None	No	0.004	NP (NDs)
Thallium (mg/L)	MW-1	0.000845	0.000514	0.002	No	8	0.0005974	0.000102	75	None	No	0.004	NP (normality)
Thallium (mg/L)	MW-12	0.00123	0.00057	0.002	No	8	0.0006525	0.0002333	87.5	None	No	0.004	NP (NDs)
Thallium (mg/L)	MW-9B	0.000814	0.00057	0.002	No	8	0.0006005	0.00008627	87.5	None	No	0.004	NP (NDs)
Vanadium (mg/L)	MW-1	0.0017	0.00123	0.035	No	8	0.001609	0.000178	75	None	No	0.004	NP (normality)
Vanadium (mg/L)	MW-12	0.0018	0.00117	0.035	No	8	0.001646	0.0001956	75	None	No	0.004	NP (normality)
Vanadium (mg/L)	MW-9B	0.00192	0.0017	0.035	No	8	0.001728	0.00007778	87.5	None	No	0.004	NP (NDs)
Zinc (mg/L)	MW-1	0.0143	0.013	2	No	8	0.01316	0.0004596	87.5	None	No	0.004	NP (NDs)
Zinc (mg/L)	MW-12	0.013	0.013	2	No	8	0.013	0	100	None	No	0.004	NP (NDs)
Zinc (mg/L)	MW-9B	0.013	0.013	2	No	8	0.013	0	100	None	No	0.004	NP (NDs)



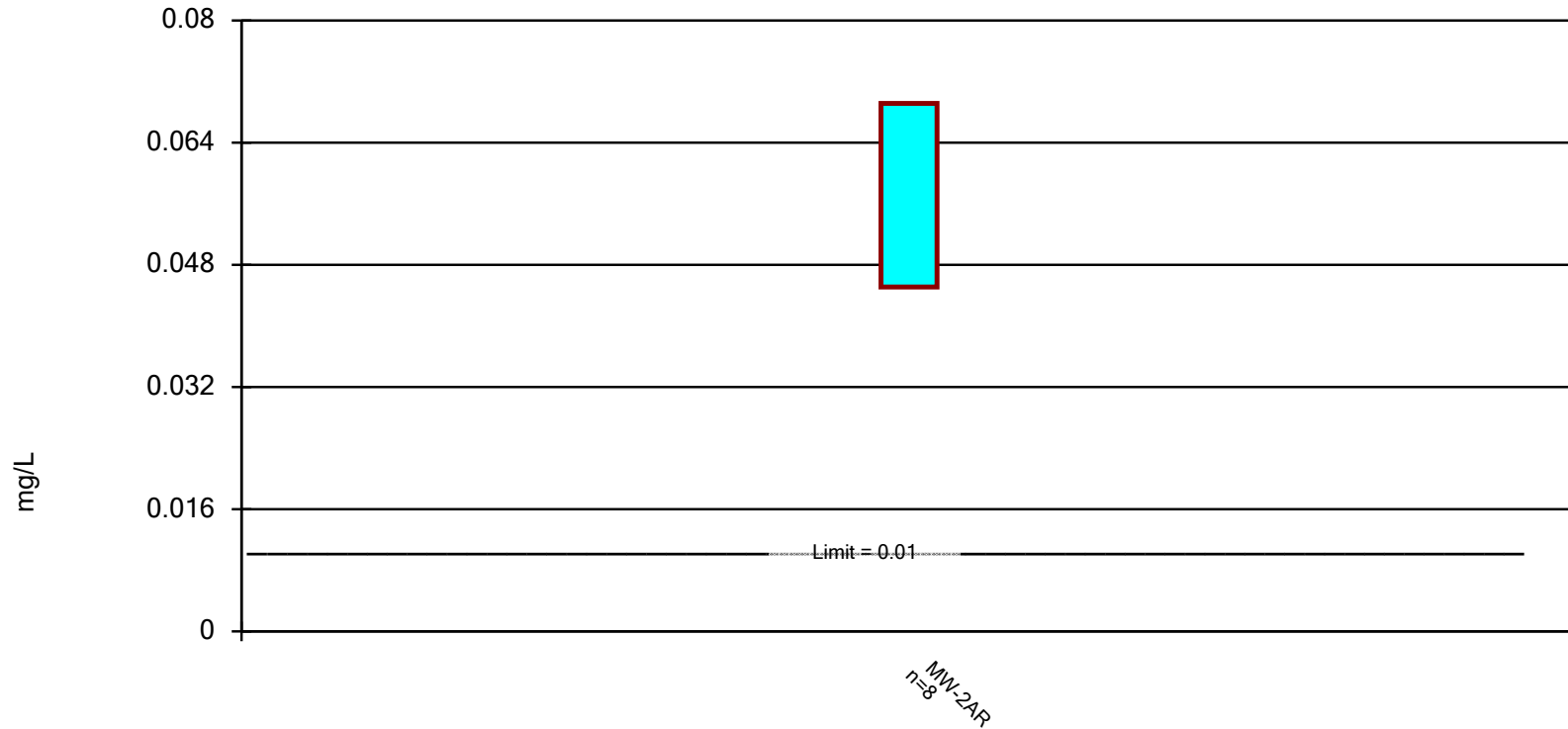
Alluvium – Confidence Intervals



This page intentionally left blank.

Parametric Confidence Interval

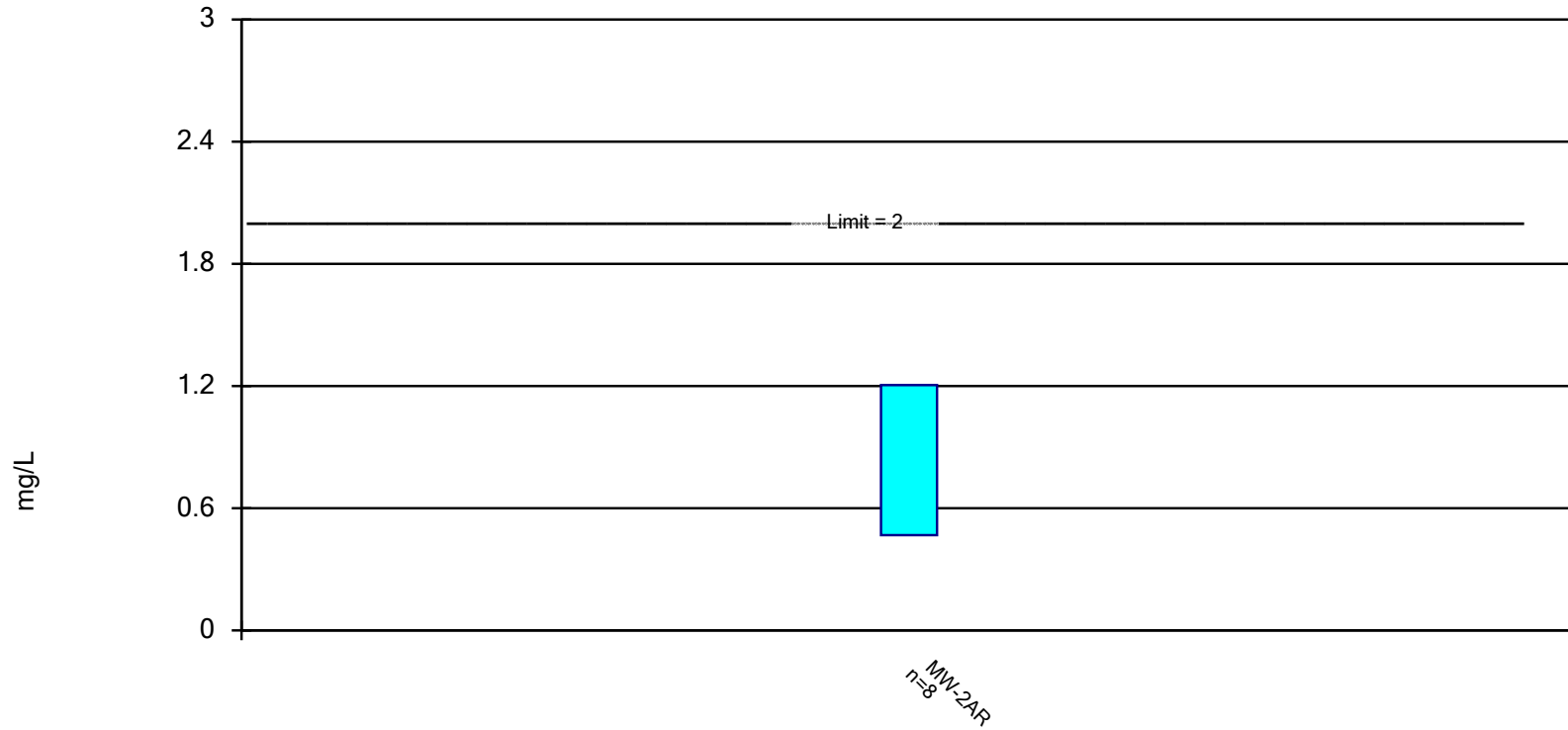
Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 5/16/2025 9:27 AM View: Alluvium CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Parametric Confidence Interval

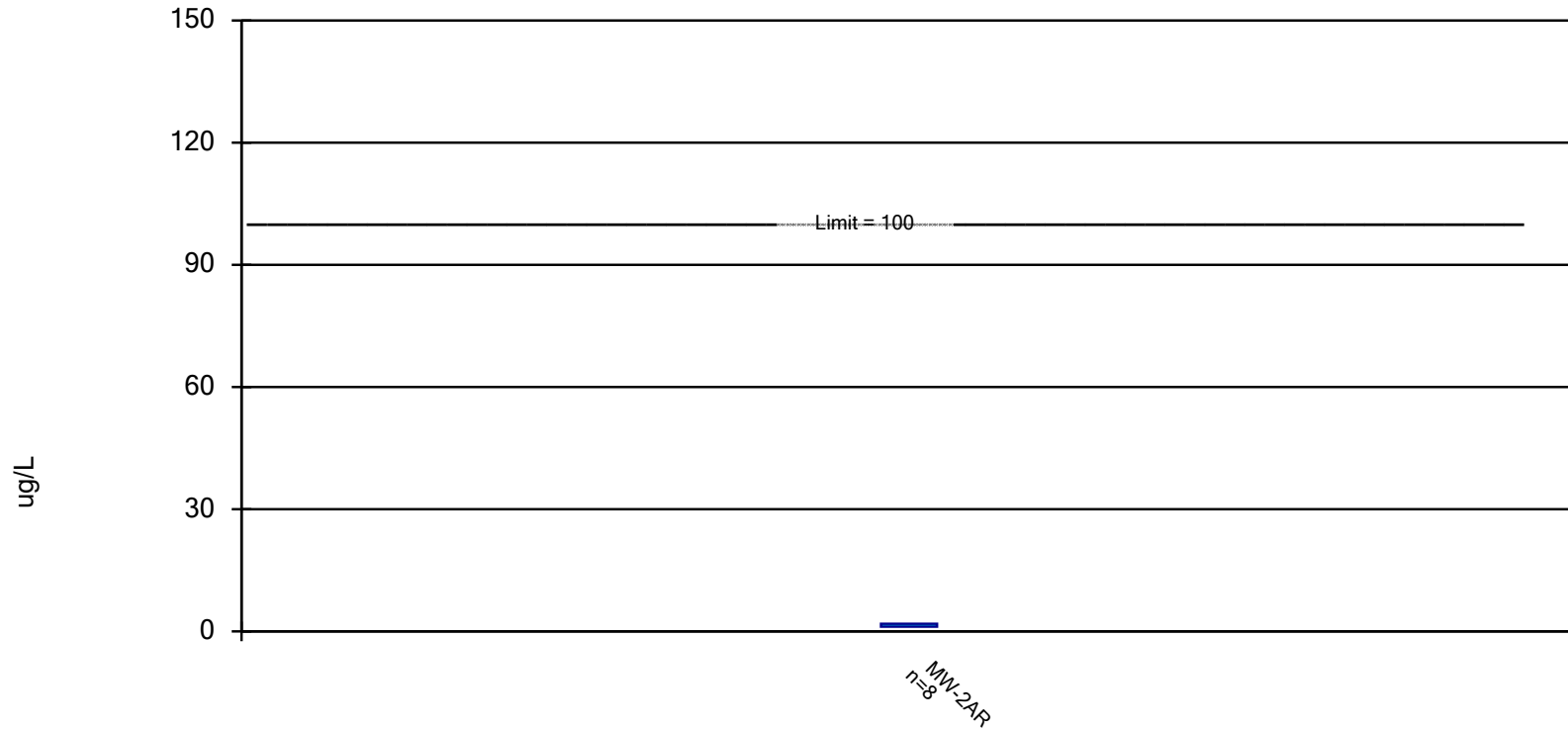
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 5/16/2025 9:27 AM View: Alluvium CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Parametric Confidence Interval

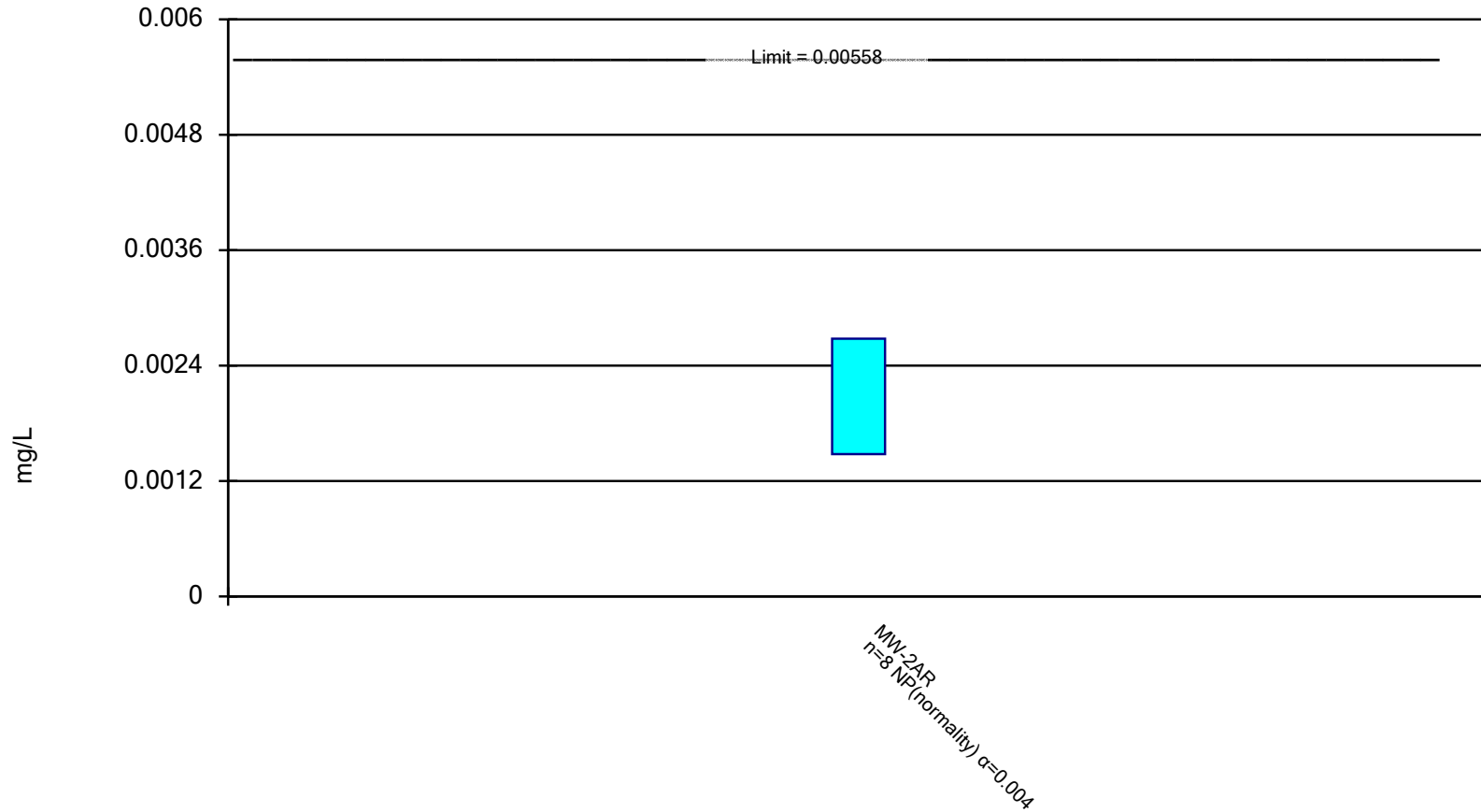
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chlorobenzene Analysis Run 5/16/2025 9:27 AM View: Alluvium CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

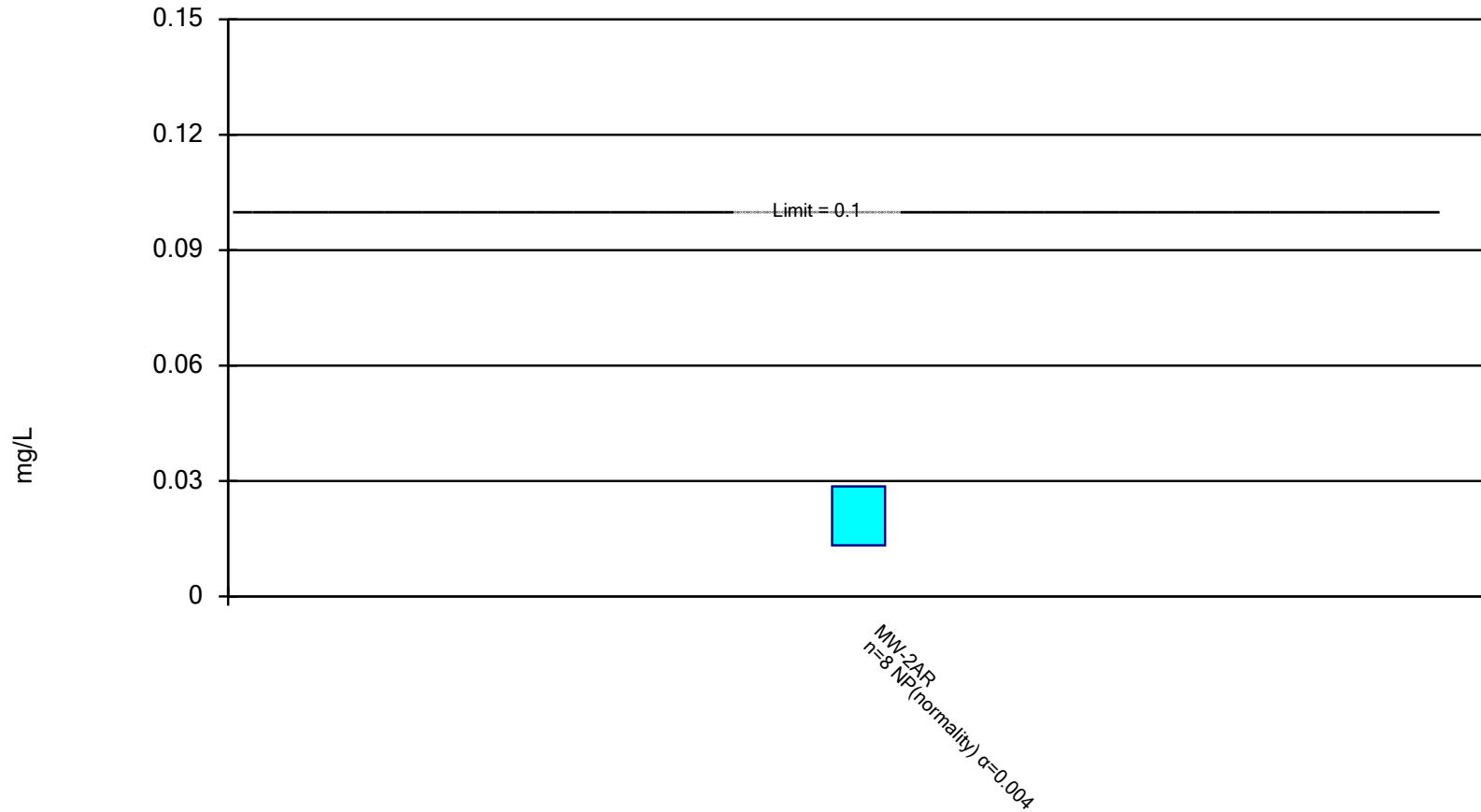
Compliance Limit is not exceeded.



Constituent: Cobalt Analysis Run 5/16/2025 9:27 AM View: Alluvium CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: Nickel Analysis Run 5/16/2025 9:27 AM View: Alluvium CIs
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Confidence Interval

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 5/16/2025, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Sig.</u>	<u>N</u>	<u>Mean</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/L)	MW-2AR	0.06914	0.04509	0.01	Yes	8	0.05711	0	None	No	0.01	Param.
Barium (mg/L)	MW-2AR	1.204	0.4686	2	No	8	0.8364	0	None	No	0.01	Param.
Chlorobenzene (ug/L)	MW-2AR	1.878	1.212	100	No	8	1.545	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-2AR	0.00268	0.00148	0.00558	No	8	0.001925	0	None	No	0.004	NP (normality)
Nickel (mg/L)	MW-2AR	0.0286	0.0133	0.1	No	8	0.01878	0	None	No	0.004	NP (normality)

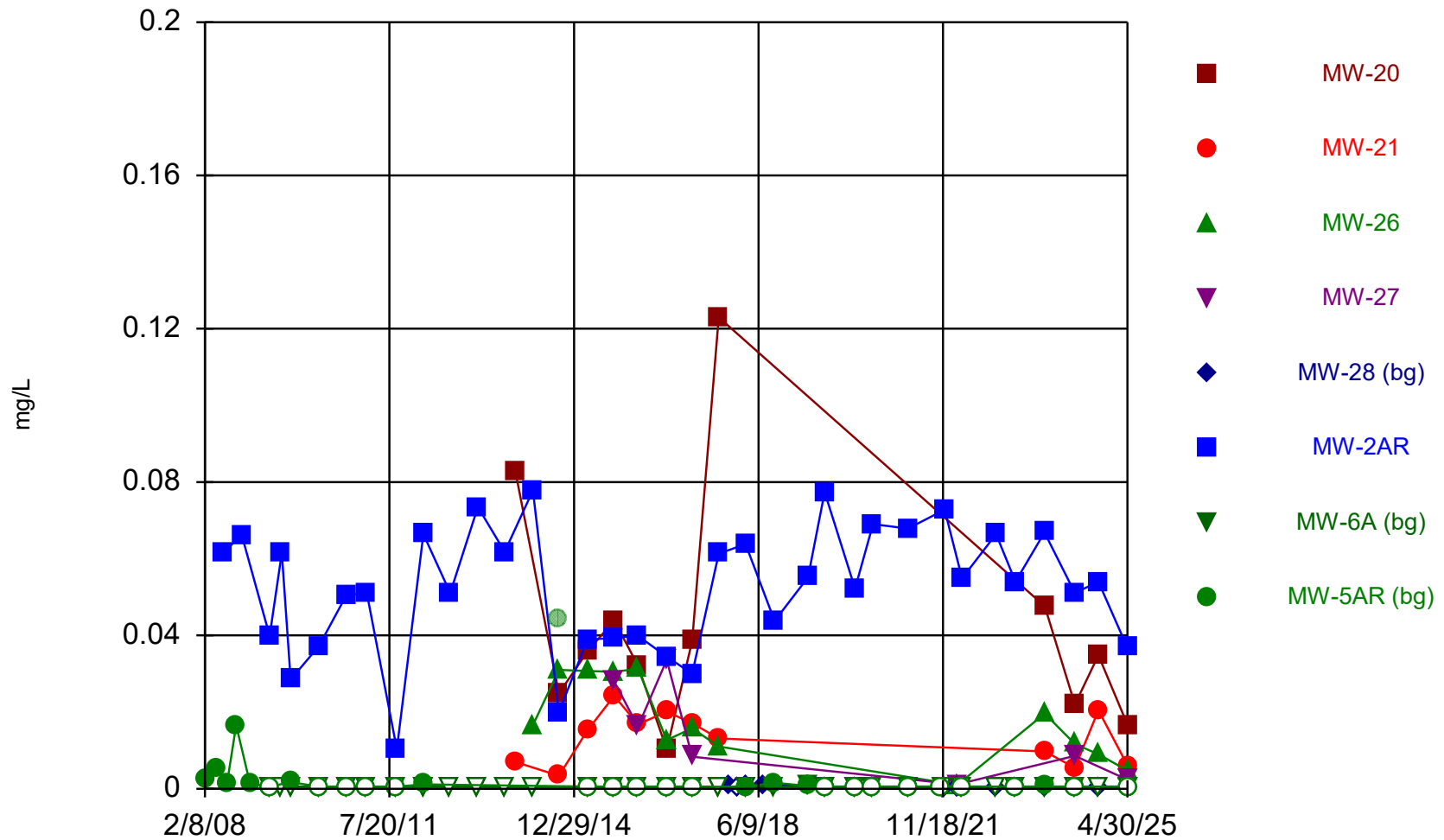


Alluvium Time Series – Corrective Action



This page intentionally left blank.

Time Series



Constituent: Arsenic Analysis Run 5/16/2025 9:38 AM View: Alluvium Trend - Corrective Action

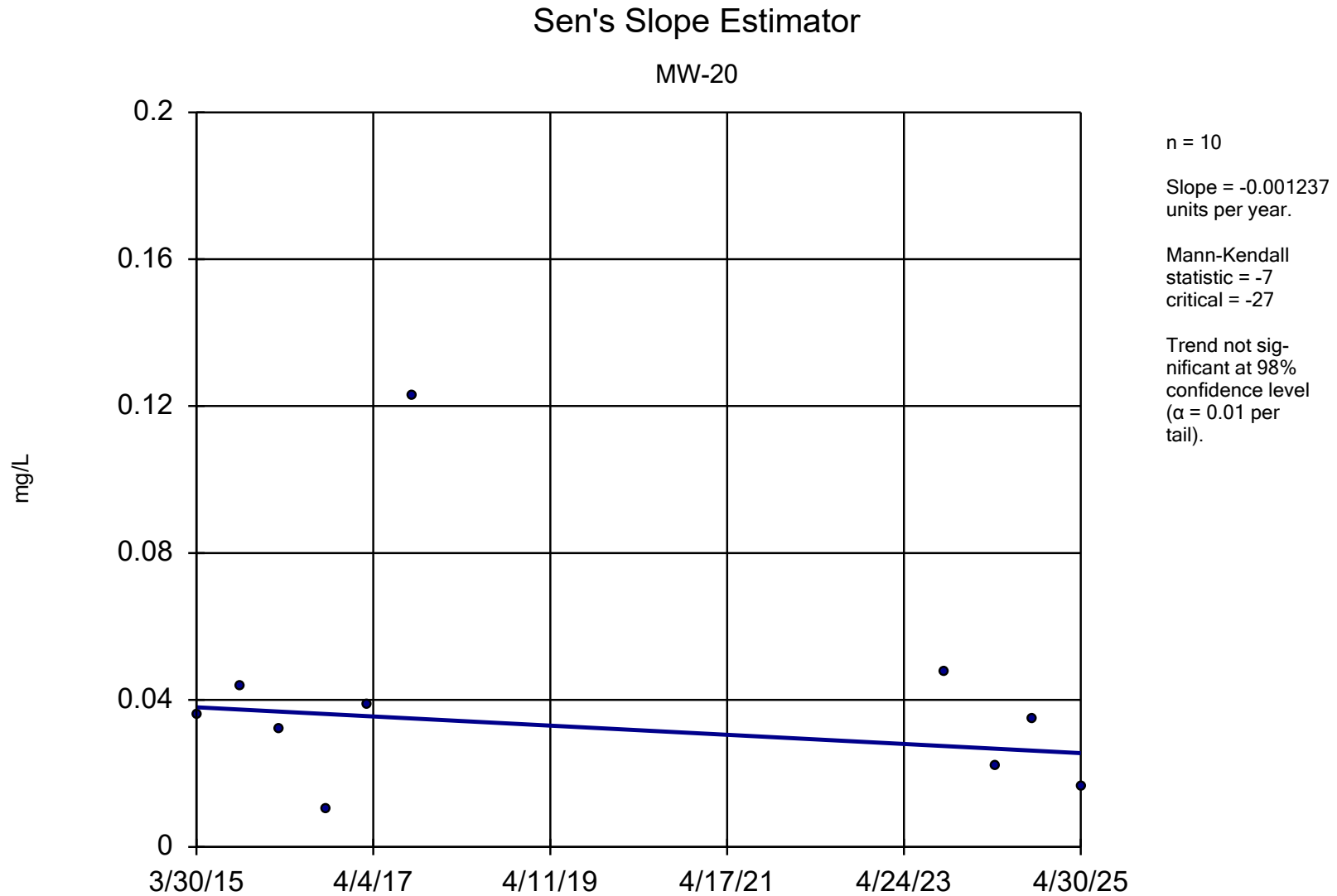
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database



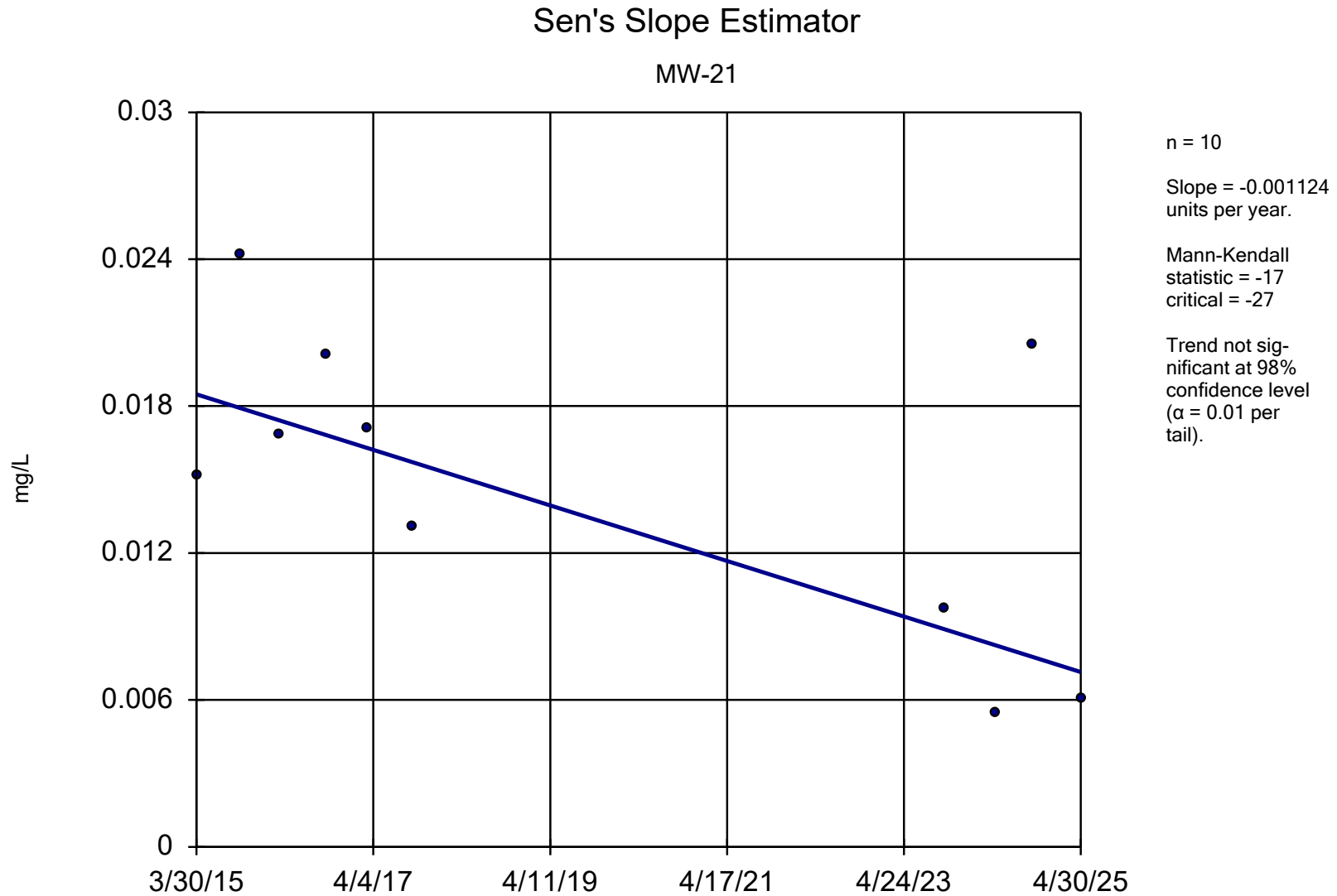
Alluvium Trend Analysis – Corrective Action



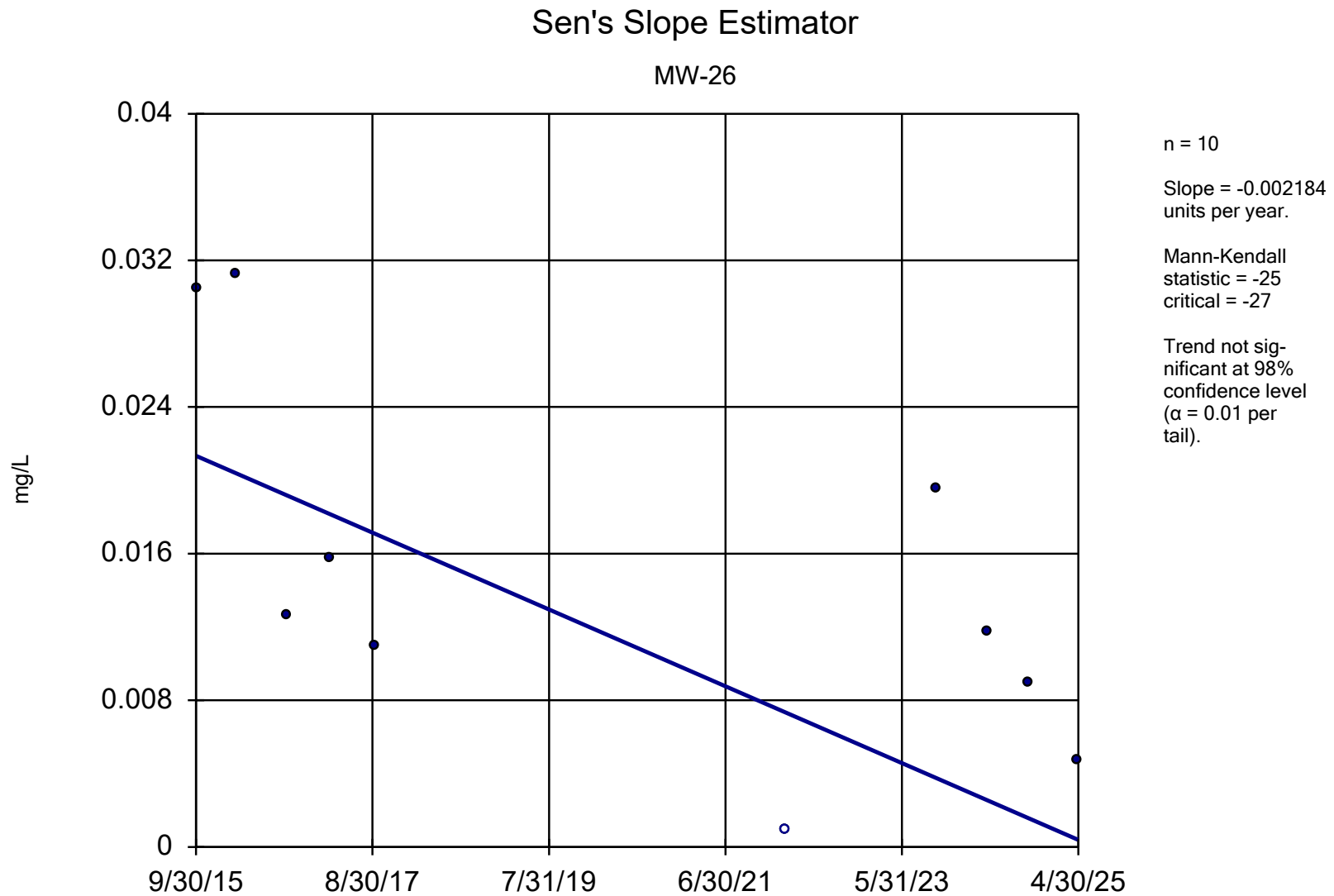
This page intentionally left blank.



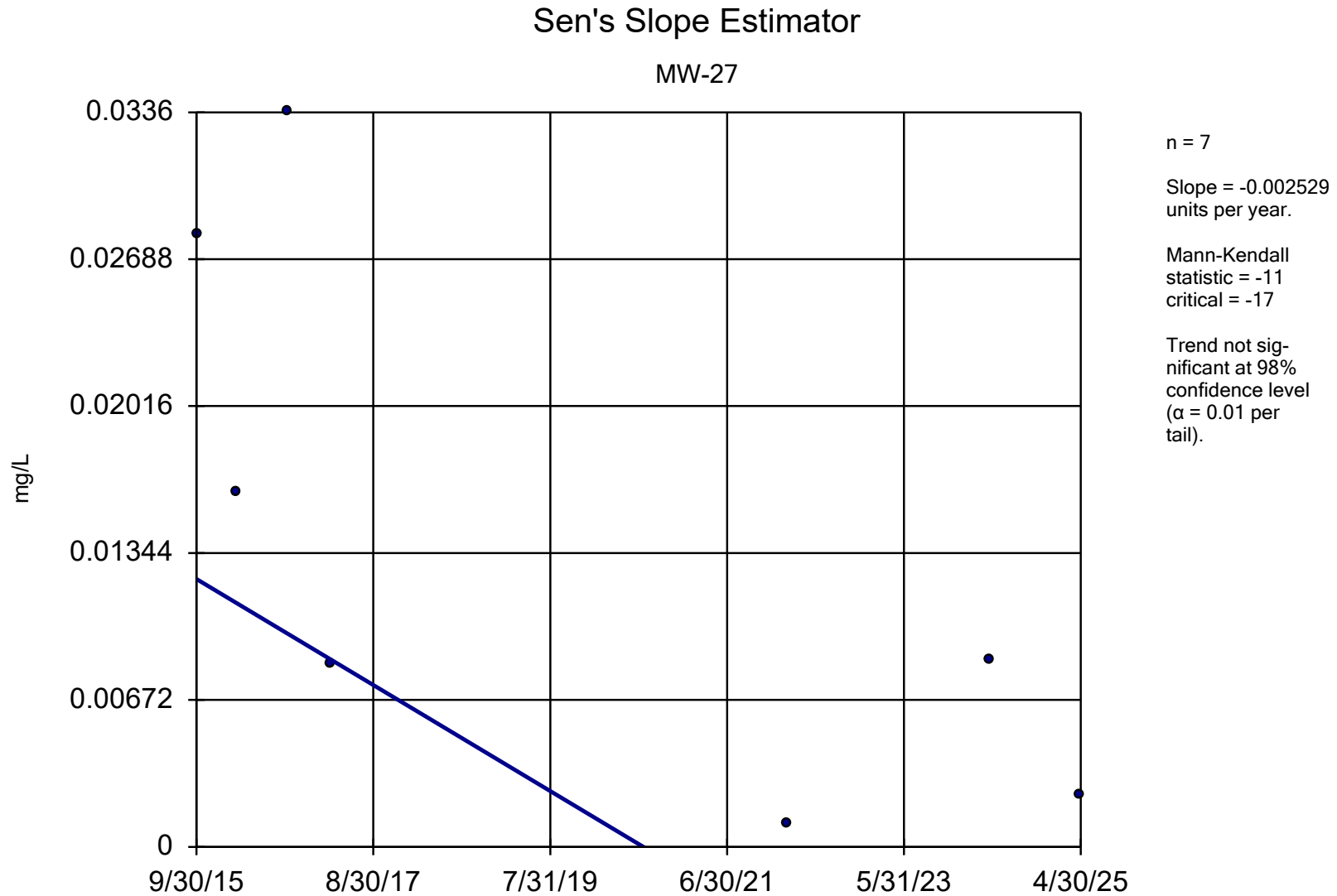
Constituent: Arsenic Analysis Run 5/16/2025 9:36 AM View: Alluvium Trend - Corrective Action
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database



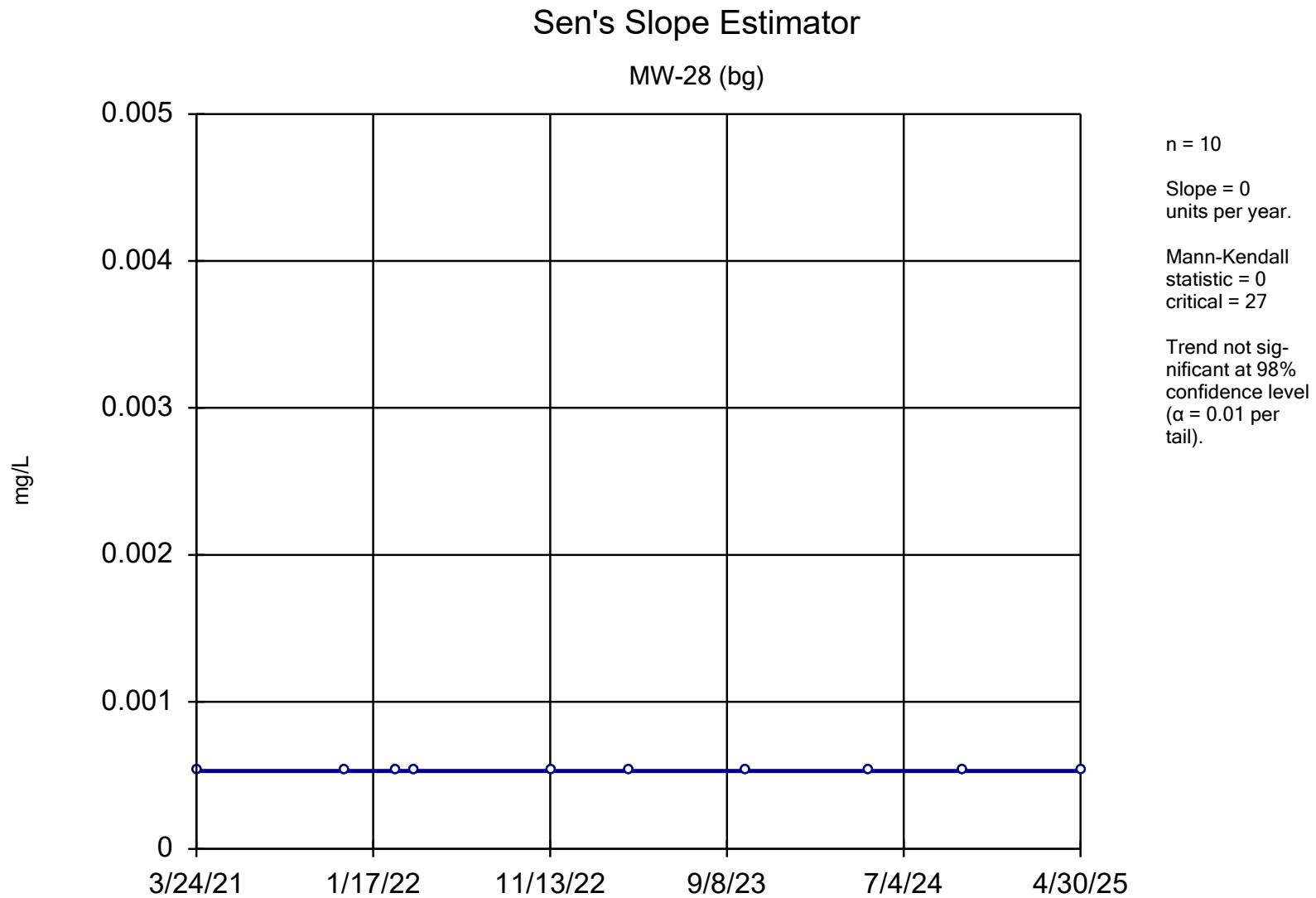
Constituent: Arsenic Analysis Run 5/16/2025 9:36 AM View: Alluvium Trend - Corrective Action
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database



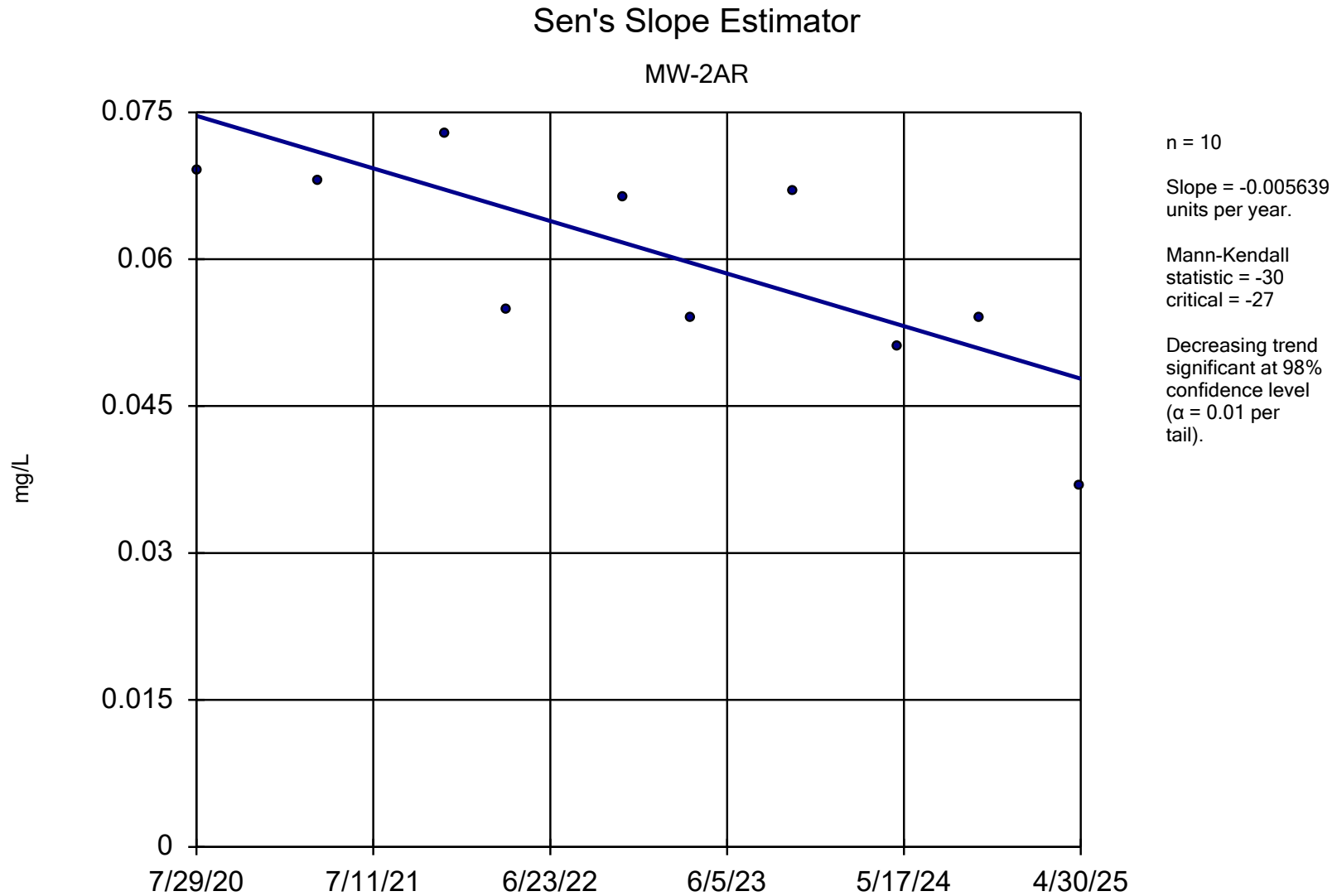
Constituent: Arsenic Analysis Run 5/16/2025 9:36 AM View: Alluvium Trend - Corrective Action
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database



Constituent: Arsenic Analysis Run 5/16/2025 9:36 AM View: Alluvium Trend - Corrective Action
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database



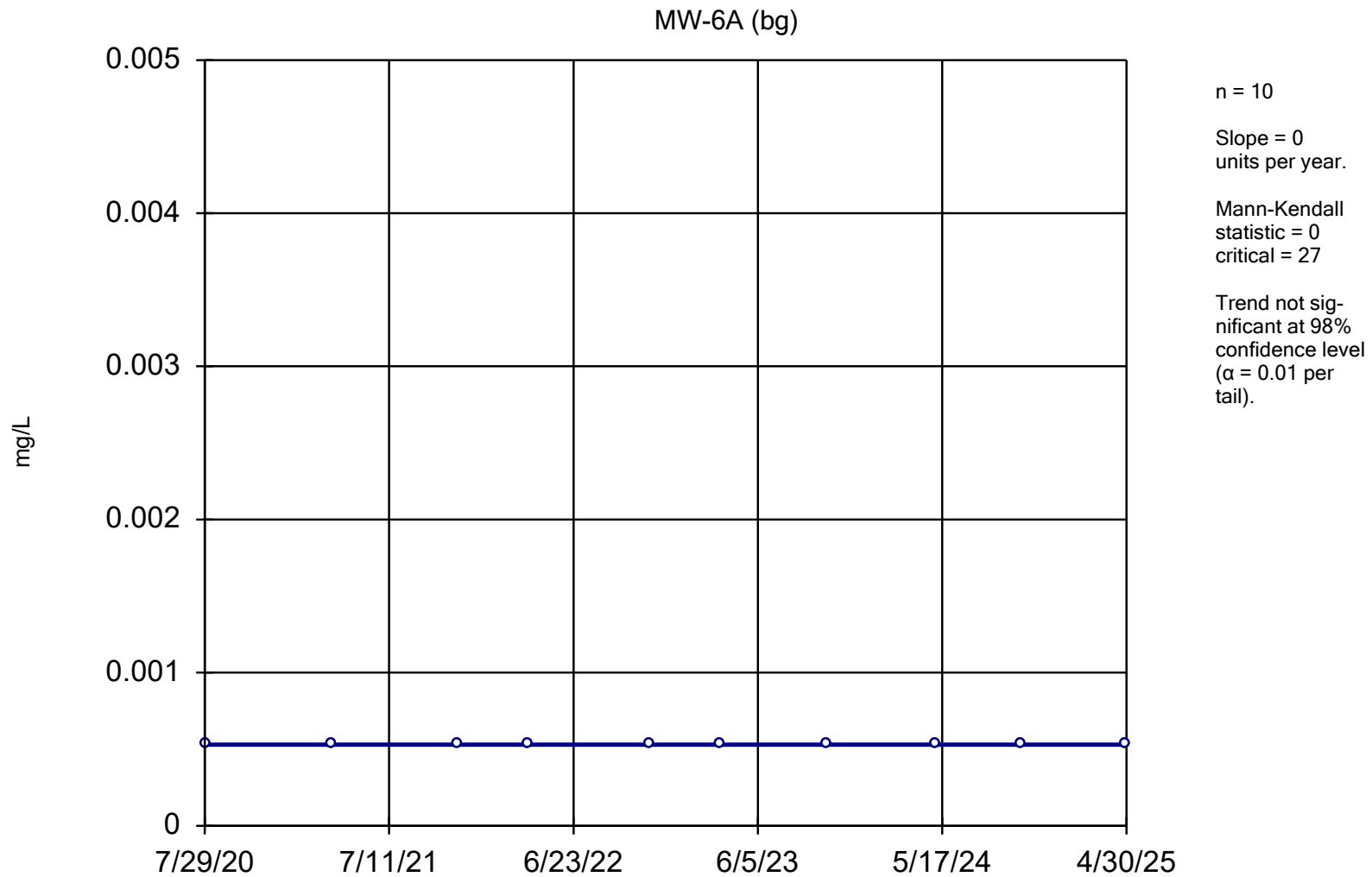
Constituent: Arsenic Analysis Run 5/16/2025 9:36 AM View: Alluvium Trend - Corrective Action
Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database



Constituent: Arsenic Analysis Run 5/16/2025 9:36 AM View: Alluvium Trend - Corrective Action

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

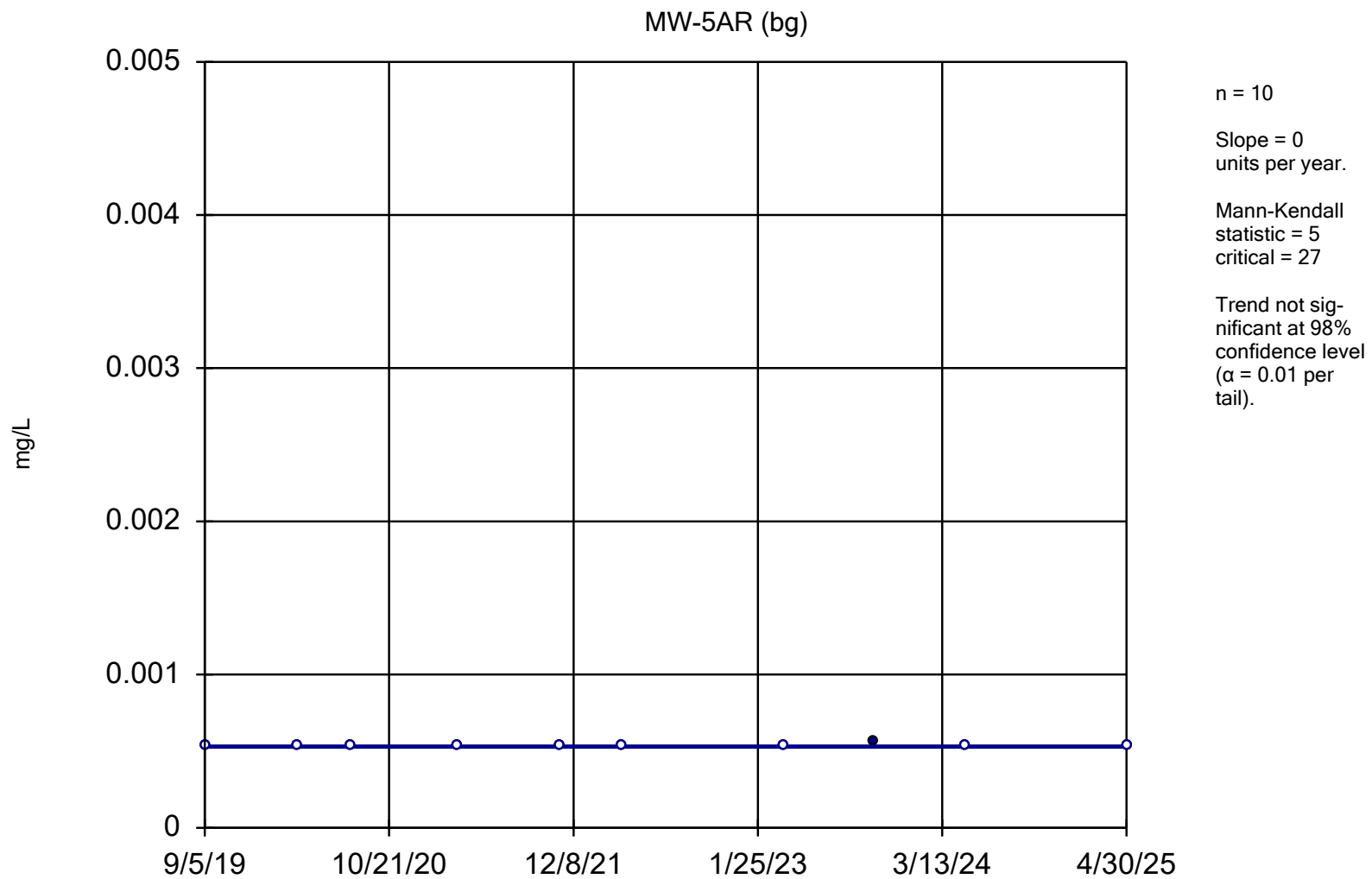
Sen's Slope Estimator



Constituent: Arsenic Analysis Run 5/16/2025 9:36 AM View: Alluvium Trend - Corrective Action

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Sen's Slope Estimator



Constituent: Arsenic Analysis Run 5/16/2025 9:36 AM View: Alluvium Trend - Corrective Action

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database

Trend Test

Metro Park West LF Client: Iowa Metro Waste Authority Data: MPW_G Database Printed 5/16/2025, 9:37 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/L)	MW-20	-0.001237	-7	-27	No	10	0	0.02	NP
Arsenic (mg/L)	MW-21	-0.001124	-17	-27	No	10	0	0.02	NP
Arsenic (mg/L)	MW-26	-0.002184	-25	-27	No	10	10	0.02	NP
Arsenic (mg/L)	MW-27	-0.002529	-11	-17	No	7	0	0.02	NP
Arsenic (mg/L)	MW-28 (bg)	0	0	27	No	10	100	0.02	NP
Arsenic (mg/L)	MW-2AR	-0.005639	-30	-27	Yes	10	0	0.02	NP
Arsenic (mg/L)	MW-6A (bg)	0	0	27	No	10	100	0.02	NP
Arsenic (mg/L)	MW-5AR (bg)	0	5	27	No	10	90	0.02	NP