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March 07, 2025

TO: Jerome Cruz, Environmental Scientist III, Environmental Health Division, Public Health – Seattle and King County

FM: Adrienne M. Scott, Engineer III – Lead Geologist

RE: King County Hobart Landfill 2023-2024 Annual Groundwater Report

The purpose of this letter is to transmit a copy of the Solid Waste Division's *King County Hobart Landfill 2023-2024 Annual Groundwater Data Evaluation Report*. This annual report incorporates a summary of the most recent hydrogeologic report as prepared by a licensed hydrogeologist; the hydrogeologic report contains quarterly potentiometric maps and a table containing groundwater velocity calculations. The annual report includes a site summary, exceedances table, descriptive statistics tables, trend test tables, and time-concentration plots.

The 2023-2024 Annual Report has been updated to include environmental data collected through September 30, 2024.

If you have questions or need additional information, please contact me at 206-263-0518, or via email at adscott@kingcounty.gov.

Enclosures

cc: Yolanda Pon, Solid Waste Program Supervisor, Environmental Health Division, Public Health Seattle & King County
Tim O'Connor, LG, LHG, Hydrogeologist III, Washington State Department of Ecology
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March 07, 2025

Tim O'Connor, LG., LHG., Hydrogeologist III
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RE: King County Hobart Hobart Landfill 2023-2024 Annual Groundwater Report

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Sincerely,

Adrienne Scott

Adrienne M. Scott
Engineer III – Lead Geologist

Enclosures

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Hobart Landfill

Groundwater Data Evaluation Report

2023-2024 Annual Report

King County
Department of
Natural Resources and Parks
Solid Waste Division

Waste **Prevention** | *Resource* **Recovery** | *Waste* **Disposal**

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March 2025

King County

Department of Natural Resources and Parks

Hobart Landfill

Groundwater Data Evaluation Report
2023-2024 Annual Report

Prepared by:
King County Department of Natural Resources & Parks
Solid Waste Division, Facility Engineering and Sciences Section

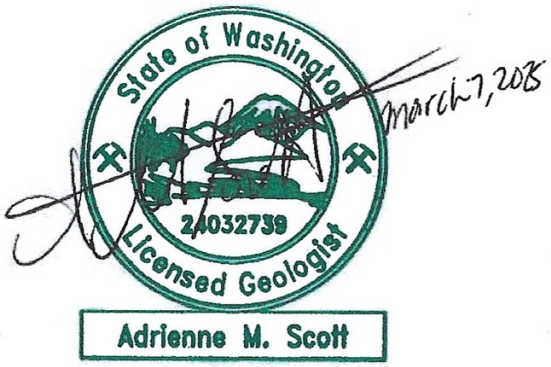
March 2025

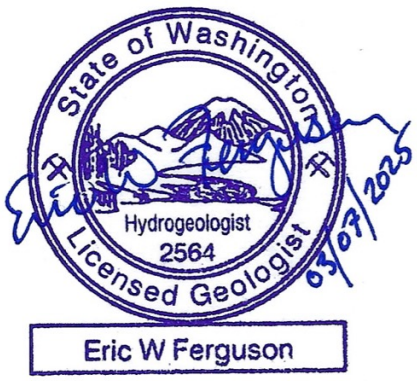
CERTIFICATION

KING COUNTY HOBART LANDFILL
2023-2024 ANNUAL ENVIRONMENTAL MONITORING REPORT CERTIFICATION

I certify in accordance with the requirements of Chapter 18.220 RCW, that the contents of this document were prepared under my direction or supervision under a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Where applicable, some specific and related hydrogeologic portions have been duly certified by the responsible groundwater scientist. Based on my inquiry of the person(s) directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Name:	**Title:**	**Date:**
Adrienne M. Scott, LG Eric W. Ferguson, LHG	Engineer III – Lead Geologist WQPIII – Hydrogeologist	March 07, 2025
Mailing Address: King County Department of Natural Resources & Parks 201 S. Jackson Street, suite 6000 Seattle, WA 98104		**Telephone Number:** 206-263-0518 206-477-4690





KING COUNTY
HOBART LANDFILL

2023-2024 ANNUAL GROUNDWATER DATA EVALUATION REPORT

King County Department of Natural Resources & Parks
Solid Waste Division, Facility Engineering & Science Section

March 2025

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1. PURPOSE

The purpose of this report is to present the annual groundwater conditions at Hobart Landfill in accordance with the regulatory requirements of the Washington Administrative Code (WAC) 173-304, *Minimum Functional Standards for Solid Waste Handling.*

2. INTRODUCTION

The 2023-2024 Annual Groundwater Data Evaluation Report presents the results of statistical analyses on the groundwater monitoring data collected at Hobart Landfill from October 1986 through September 2024. The Annual Groundwater Report is submitted in compliance with Washington State Department of Ecology (Ecology) *Minimum Functional Standards for Solid Waste Handling* (WAC 173-304-405), and the King County Board of Health Code, *Solid Waste Handling* (Section 10.09.020).

Pursuant to the reporting requirements of WAC 173-304, this report describes the hydrogeologic conditions surrounding the landfill and provides results of the statistical analyses conducted on the groundwater monitoring data. The annual report also includes a location description; a history of the landfill; a description of the local geology and hydrogeology; data evaluation methods; data quality; results; and discussion of groundwater flow and geochemistry at the landfill.

2.1. SITE LOCATION and REGIONAL SETTING

Hobart Landfill (HLF) is a closed solid waste landfill that has an approximate 35-acre footprint within a 75-acre parcel. The facility is located at the base of the foothills of the Cascade Range, roughly 25 miles southeast of Seattle, Washington (Figure 1). The site is surrounded by sparse residential, industrial, and agricultural properties to the north and south, and forested land to the east and west.

2.2. SITE HISTORY

Prior to landfilling activities at HLF, the site was initially developed as a sand and gravel quarry. During the early 1950s, landfilling operations commenced under the supervision of King County Health Department. Facility control was later appointed to the King County Department of Sanitary Operations which was renamed the King County Solid Waste Division (KCSWD) in 1969. The subject facility is currently maintained by KCSWD.

Hobart Landfill was closed in two phases. Phase I closure was completed during 1989; the site ceased accepting waste during March 1994, and Phase II closure was completed in October 1995. Upon closure of Phase II, the facility was exempt from most Subtitle D regulations, and exceeded the minimum requirements related to construction of the final cover system. The landfill closed in accordance with all applicable regulations and is subject to the regulations outlined in Chapter 173-304 of the Washington Administrative Code.

Closure activities for Phase I and Phase II included development of a groundwater and landfill gas monitoring program, installation of: a low permeability cover system with a 60-mil HDPE geomembrane, surface water conveyance system, bentonite slurry wall surrounding the refuse, leachate extraction wells, and a landfill gas extraction system with a flare and condensate collection system.

Pumping at the leachate extraction wells was terminated in 1996 following several years of declining water levels inside of the slurry wall boundary. Water levels within the slurry wall enclosure began rising in 2010. KCSWD is working with consultants to implement

improvements to the environmental systems; leachate extraction wells and piezometers were rehabilitated during August of 2023 to improve potential flow in these wells.

The gas flare was disconnected during 2020 and landfill gas is currently conveyed through a temporary ventilation system that includes a biocannister to polish the landfill gas. KCSWD is working closely with consultants to design a new system to treat landfill gas at Hobart Landfill.

Figure 2 is a map of the current groundwater monitoring network showing the location of the groundwater monitoring wells, leachate extraction wells, and leachate piezometers. Figure 3 is a map of the landfill gas system denoting locations for monitoring probes and ambient air stations.

2.3. GEOLOGY and HYDROGEOLOGY

The near surface geology at Hobart Landfill consists of Pleistocene aged glacial sediments associated with the Fraser and Possession Glacial deposition environments created during periods of extension and retreat of the Cordilleran Ice Sheet. Figure 4 depicts the conceptual hydrogeologic cross section. From the ground surface down, the site is underlain by Vashon recessional glacial outwash, discontinuous and sporadic deposits of Vashon Till, Vashon advance outwash sediments, 5 – 15 feet of interbedded lacustrine and peat deposits, and an older package of undifferentiated Pre-Vashon glacial deposits (R.W. Beck and Associates and Sweet-Edward and Associates, 1984). The age of the peat is approximately 40,000 years old according to ^{14}C dating.

A characterization of the hydrostratigraphic units were reported in the *Hydrogeologic and Geochemical Conceptual Model Update* based on historic borehole data and supplemental slug testing and pump testing conducted in 2019 (Aspect Consulting LLC and Anchor QEA, 2019). The following hydrostratigraphic units were identified (from ground surface downward):

- Shallow Aquifer: The Shallow Aquifer is unconfined and contains a loose to medium dense gravely sand outwash overlying a discontinuous poorly sorted till composed of silts, sands, gravels, cobbles, and boulders overlying a relatively dense sandy silt outwash deposit. The waste unit was established within the shallowest sandy outwash unit.

- Aquitard: Underlying the Shallow Aquifer, the Aquitard is laterally continuous and is identified as the top surface of the Pre-Vashon deposits, which is a heavily oxidated and dense clayey sand.

- Deep Aquifer: Below the Aquitard, the Deep Aquifer is a very dense sequence of sands, gravels, silts, and till belonging to the undifferentiated Pre-Vashon deposits. Boreholes at the landfill have penetrated approximately 182 feet without encountering local bedrock.

3. EVALUATION METHODS

The groundwater evaluation was conducted in accordance with WAC 173-304 and the *Environmental Monitoring Quality Assurance Project Plan and Sampling for Hobart Landfill* (KCSWD, 2015).

3.1. DATA QUALITY

Five analytical labs have performed laboratory services for water samples collected at Hobart Landfill, including Laucks from 1986 to March 1990, AmTest from March 1990 to April 1992, Analytical Resources (ARI) from April 1992 to May 1995, Laucks from May 1995 to April 2008, Pace from April 2008 to March 2009, and the King County Environmental Laboratory from April 2009 to current. All five laboratories have Washington State Department of Ecology accreditation through the Washington State Manchester Environmental Laboratory for the methods used at the time that the samples were analyzed.

Contamination of blanks has important ramifications for data quality. However, some compounds have high blank contamination rates for compounds, such as acetone, bis (2-ehtylhexyl) phthalate, toluene, and methylene chloride. Although improvements have reduced the rate of blank contamination in the lab, blank samples that have a longer residence time in the laboratory still show elevated rates. Since the common laboratory contaminants do not provide the only evidence of landfill impacts, other volatile organic compounds are used for this evaluation. Other compounds, such as, sulfate, zinc, and iron have also been detected in blanks. These detections will be noted for the individual samples in which they have occurred. Some data, particularly concerning solvents, must be qualified based on blank contamination events and measures of precision and accuracy. All sample results qualified with a "B" have blank contamination associated with the analysis.

KCSWD conducts quality control and quality assurance (QA/QC) quarterly on analytical data. If the QA/QC process or any of the data evaluation methods above show any inconsistencies or outliers the lab is contacted and asked to verify results. Administrative errors, such as a sample switch, are corrected promptly. In some cases, the sample will be reanalyzed, and a new result provided. If no error can be identified by the lab, the monitoring location will be resampled. Results that are demonstrated to be incorrect are flagged as rejected in the database and data that is flagged rejected in the database is not used for data analysis.

There are instances where the limit of detection, because of technological limitations, is above the *National Primary and Secondary Drinking Water Regulations* and *Water Quality Standards for Groundwaters of the State of Washington*. Because these concentrations are not quantifiable, they can be reported only qualitatively, as less than a reporting limit and are qualified accordingly. Another issue involving limits arises when the limits of detection or analytical sensitivity changes over time. This issue is especially noticeable for parameters such as chloride, where more recent samples show more fluctuations or definition on the graphs due to more significant figures (greater sensitivity) being reported. Other factors that may contribute to these changes may be due to dilution, or due to technical or contractual specifications such as technical advancements in instrumentation in the contractual laboratory industry. These changes must be kept in mind while reviewing data evaluation and conclusions.

A notable change in 2017 involved the methodology for the analytical testing covered by SW-846 (Test Methods for Evaluating Solid Waste). The previous Method Detection Limit (MDL) methodology was updated in 2017 to use the Lower Limit of Quantitation (LLOQ). The LLOQ is the lowest point on a calibration curve that can be used for quantification. It is a method that repeatedly tests and calibrates against known standards such as reagent water, method blanks, etc. Ultimately, the LLOQ's ability to detect an analyte at a specific concentration is dependent upon factors such as instrument sensitivity and can, at times, be greater than the baseline curve concentration.

3.2. GROUNDWATER ELEVATIONS and FLOW DIRECTION

Groundwater levels are measured in each well. Prior to March 2019, all vertical well data surveyed at Hobart Landfill used the National Geodetic Vertical Datum of 1929 (NGVD29). NGVD29 was superseded by the North American Vertical Datum of 1988 (NAVD88). During March 2019, groundwater monitoring wells were resurveyed using NAVD88 and beginning in February of 2020, water level elevations were calculated from the updated reference elevations. To correct groundwater elevations prior to February 2020, survey benchmark monuments were referenced via the National Geodetic Survey Data Explorer. Sixteen benchmark monuments were listed within a 5-mile radius of Hobart Landfill:

SX0750	SX0740	SY0523	SY0517
SX0749	SX0739	SY0520	SY1514
SX0743	SX0737	SY0519	SY0522
SX0742	SX0736	SY0518	SX0742

The stations show a mean and median 3.55-foot correction between NGVD29 and NAVD88 control survey markers (US Department of Commerce, 2024). Therefore, all groundwater elevations reported prior to February 2020 were corrected by increasing the historic elevations by 3.55 feet. Well completion details are listed in Table 1, and all screen intervals are in reference to the NAVD88, unless otherwise indicated.

Groundwater static water levels are reviewed each quarter. Inconsistencies with historical data are carefully reviewed and evaluated for accuracy. Synoptic water level measurements are taken at each groundwater monitoring well; the initial water level measurement is recorded a few days prior to the second set of measurements that are taken in conjunction with water quality sampling events. Since water levels are measured twice before sampling, the additional data is utilized for quality control when generating potentiometric surface maps. Static groundwater elevation, also called hydraulic head, is calculated by subtracting static water level measurements from the reference point elevation (surveyed in NAVD88). The refined conceptual hydrogeologic model delineated groundwater monitoring wells into their respective water-bearing units (Aspect, 2019). Upgradient and downgradient wells were determined by the hydraulic head at each well relative to the waste unit and other wells in the same water-bearing unit; upgradient wells have higher hydraulic head measurements relative to downgradient wells.

Quarterly groundwater potentiometric surface maps are generated using Surfer, a gridding, contouring, and 3D surface mapping program. Surfer was used to interpolate and smooth the

irregularly spaced three-dimensional groundwater elevation data into grid values that represent modeled hydraulic head values across each aquifer. Next, the grid values are used to generate equipotential contours that represent the groundwater potentiometric surface for each aquifer. The hydraulic gradient is the change in hydraulic head over a distance, and the maximum hydraulic gradient will be perpendicular to the potentiometric contours; therefore, the maximum gradient determines the direction of groundwater flow, with groundwater moving from high hydraulic head values to low hydraulic head values.

3.3. TRILINEAR DIAGRAMS AND ION BALANCES

Geochemical data is presented on trilinear diagrams. Major cations and anions are plotted on individual triangles as percentages of total milliequivalents per liter (meq/L). The cation and anion results are projected from the triaxial diagrams onto the diamond shaped field which represents the overall chemical character of a sample based on the relative concentration of its constituents, but not according to the absolute parameter concentration. Ultimately the diagrams illustrate differences in major ion chemistry between groundwater samples and can be used to categorize water composition into identifiable groups or hydrochemical facies (Fetter, 2000; Freeze and Cherry, 1979). The facies is a function of the lithology, solution kinematics, and flow patterns of the aquifer. The value of the trilinear diagram lies in describing relationships that exist among individual samples.

Ion balances provide information about the internal consistency of sample results. If the ion ratio is greater than ten percent, this is an indication that the results need additional evaluation. When this ratio disparity occurs, all findings are included in this report. For the ion balance calculations, non-detects values are evaluated as half the method detection limit.

3.4. GROUNDWATER EXCEEDANCES

Groundwater quality monitoring results are compared to the *National Primary and Secondary Drinking Water Regulations* (40 CFR Parts 141 and 143; MCL) and *Water Quality Standards for Groundwaters of the State of Washington* (WAC 173-200; SGWC). Analytical results are compared to their respective standards. It must be noted that not all parameters that are analyzed have standards.

In addition to providing information about the water quality relative to established standards, exceedances also provide a cursory evaluation of changes relative to historical data. When an established standard is exceeded for the first time or is a statistically significant increase compared to historical results, the data is reviewed more carefully.

3.5. VOLATILE ORGANIC COMPOUND DETECTIONS

Groundwater VOC detections are used as a groundwater quality evaluation method, since most organic compounds are synthetic and occurrences in groundwater may be an indication of an impact from landfilling activities.

3.6. STATISTICAL and TREND ANALYSES

3.6.1. Descriptive Statistics

Descriptive statistics describe general measures of a sample population, the extremes (maximum, minimum,) central tendencies (mean, median), and variability (standard deviation).

For this report, descriptive statistics are performed on groundwater analytical data, and the statistical values are compared to historical values to identify any significant changes in groundwater quality. Data from each groundwater monitoring location are divided into two groups for evaluation. The first group consists of all data in the period of record. The second group consists of the eight most recent analyses. Monitoring wells that have not produced sufficient water for eight samples in the last two years are compiled as a long-term trend only. For the descriptive statistical calculations, non-detect values are evaluated as half of the method detection limit.

For the discussion section of this report, the more recent period is considered to have a greater importance, because of the timeliness of the data and improvements in data quality. Although both means and medians are reported in the summary tables, medians are used in the text because they tend to be a more reliable measure of central tendency in the case of non-normal distributions, particularly when there are outliers. Natural waters are commonly characterized by non-normal distributions.

3.6.2. Trend Analysis

Trend testing was accomplished by using the Mann-Kendall test for trend. The Mann-Kendall trend test involves listing the observations in temporal order and computing all differences that may be formed between measurements and earlier measurements. The test statistic is the difference between the number of strictly positive differences and the number of strictly negative differences. The tabulated results presented in a table in the annual report are: number of analyses, number of detections, direction of trend, probability, and significance of trend at a 95% confidence level. For the trend analysis, non-detects values are evaluated as half the method detection limit.

The trend test evaluates data for long-term trends, using historical data, and the short-term trends utilize the last eight sample results. For wells with historical data beyond 50 samples, the most recent 50 samples are used in the long-term trend test. Monitoring wells that have not produced sufficient water for eight samples in the last two years are compiled for a long-term trend test only. For the discussion section of this report, the more recent period is considered to have a greater importance, because of the timeliness of the data and improvements in data quality.

Sampling for total metals commenced during the second quarter of 2023. It is important to note that the short-term metal statistics are calculated based on the last 8 sampling results. The short-term dissolved metals trends incorporate sample results through the third quarter of 2024 and the total metal trends cannot be calculated because there are less than 8 sample results available.

4. RESULTS and DISCUSSION

4.1. GROUNDWATER

The local hydrogeology at Hobart Landfill was initially interpreted by R.W. Beck and Associates, and Sweet, Edwards, & Associates (1984). These interpretations were refined by Aspect Consulting and Anchor QEA and have been used in the preparation of potentiometric surface maps and calculations of groundwater velocities (Aspect and Anchor QEA, 2019). Monitoring well locations are shown on Figure 2. These monitoring wells penetrate two water-bearing zones: the Shallow Aquifer and the Deep Aquifer at Hobart Landfill. Well completion details are listed in Table 1.

Appendix A contains the raw data collected during sampling, the laboratory analytical results, and the corresponding data qualifier descriptions. Appendix B shows groundwater elevations over time at each well, in addition to the time series graphs for each of the monitored groundwater constituents.

Potentiometric surface maps, horizontal groundwater velocity calculations, and groundwater movement directions are included in Appendix C. Appendix D contains the trilinear diagrams and the ionic balance calculations.

The *National Primary and Secondary Drinking Water Regulations* (40 CFR Parts 141 and 143; MCL) and *Water Quality Standards for Groundwaters of the State of Washington* (WAC 173-200; SGWC) can be found in Appendix E. Exceedances are tabulated and reported in Appendix F. All groundwater VOC detections are also reported in Appendix F along with all trip blank, field blank, and method blank detections.

Descriptive statistical summary tables are provided for routine groundwater analytes in Table 2, while the trend test tables are compiled for the routine groundwater analytes in Table 3. The long-term statistics utilize groundwater analytical results from the current year (Appendix A) as well as the historic analytical data, which can be found in Appendix I.

Arsenic and manganese occur naturally in groundwater of this region. The Washington State Department of Ecology conducted a background study on arsenic concentrations in groundwater and found that the natural arsenic background for the Puget Sound Basin is 8 ug/L (Ecology, 2022). Therefore, exceedances of the *Water Quality Standards for Groundwaters of the State of Washington* for these contaminants are believed to be representative of background groundwater quality.

4.2. GROUNDWATER in SHALLOW AQUIFER

There are eleven wells that monitor groundwater in the Shallow Aquifer:

Shallow Aquifer			
MW-11[U]	MW-6	MW-18	MW-26
MW-1	MW-10	MW-21[WL]	MW-27[WL]
MW-4	MW-16[WL]	MW-22[WL]	

U = upgradient well
WL = Water levels only.

Quarterly groundwater samples were collected between October 2023 and September 2024 at wells MW-11, MW-1, MW-4, MW-6, MW-10, MW-18, and MW-26. Monitoring wells MW-16, MW-21, MW-22, and MW-27 are monitored for water levels only.

Water levels and water quality in the Shallow Aquifer is consistent with previous years unless stated otherwise below.

4.2.1. Groundwater Elevations and Flow Direction

Groundwater elevation data for the Shallow Aquifer can be found on Figure B-0A, and in Appendix B. Horizontal groundwater velocity calculations and potentiometric maps are attached in Appendix C. Water levels in the Shallow Aquifer fluctuate seasonally by approximately five to ten feet.

Potentiometric maps generated for the 2023-2024 reporting period show that groundwater in the Shallow Aquifer generally flowed westward; however, there was a northward flow direction along the northern side of the landfill during the third quarter of 2024 (see Figures C-1 through C-4 in Appendix C). Hydraulic gradients in the Shallow Aquifer ranged from 0.0003 ft/ft to 0.0028 ft/ft and groundwater velocities ranged from 1.7 ft/day to 13.1 ft/day (see Table C-2). Horizontal groundwater velocity calculations and potentiometric maps are attached in Appendix C.

The soil-bentonite slurry wall was constructed to reduce the migration of waste constituents from the waste unit to the Shallow Aquifer. Gradients across the slurry wall are monitored by four sets of paired wells. Each set of paired wells has one well screened in the Shallow Aquifer and one well screened within the refuse (see Figures C-1 through C-4 in Appendix C). Table C-3 shows that groundwater elevations at the Shallow Aquifer wells were consistently higher than the fluid elevations measured at the wells screened in the refuse. Therefore, an inward gradient was maintained at the slurry wall during this reporting period. These results are consistent with historic results.

4.2.2. Trilinear Diagrams and Ion Balance

The triaxial diagrams (Figures D-1 through D-4) show samples plotted from the Shallow Aquifer. The figures show that most samples plot with calcium as the dominant cation and bicarbonate as the dominant anion. The alkaline earths exceed alkalis and most samples plot with weak acids

exceeding the strong acids, with sample composition being >60% hardness causing constituents (calcium and magnesium) and generally >50% weak acids (carbonate and bicarbonate). During the October 2023 to September 2024 annual reporting period, most sample results plot within the magnesium and bicarbonate hydrochemical facies of the diamond shaped cation-anion field. The trilinear diagrams are consistent with historic results.

Wells MW-4 and MW-26 bordered the mixed type facies during the first and second quarters of 2024; MW-26 also bordered the mixed-type facies during the third quarter of 2024. . During the first and second quarter of 2024, MW-4 and MW-26 exhibited a higher ratio of chloride anions which resulted in the data plotting adjacent to the mixed type facies, on the cusp of strong acids (sulfate and chloride) exceeding weak acids. In the third quarter of 2024, well MW-26 plotted with a higher ratio of alkalis (sodium and potassium) than the other wells.

Tables D-1 through D-4 contain the cation/anion balances for samples collected from wells screened within the Shallow Aquifer during the 2023 – 2024 reporting period. Total cation-anion sums are less than 5.0 meq/L for all wells and the percent difference between the cation sum and anion sum is less than ten percent difference, indicating a proficient chemical analysis has occurred.

4.2.3. Groundwater Exceedances

Exceedances of the *Water Quality Standards for Groundwaters of the State of Washington* (SGWC) and *National Primary and Secondary Drinking Water Regulations* (MCL) are summarized in tables in Appendix F. SGWC for metals are defined for unfiltered total results.

Dissolved and total arsenic concentrations exceeded the primary SGWC for all wells in the Shallow Aquifer during the October 2023 to September 2024 reporting year (Table F-2). Dissolved and total iron and manganese concentrations exceeded the secondary SGWC and MCL at monitoring wells MW-1 and MW-10, and the secondary SGWC and MCL also exceeded the lower pH limit at most wells, including upgradient well MW-11.

4.2.4. Volatile Organic Compounds Detections

There were no VOC detections in the Shallow Aquifer wells during the reporting period.

4.2.5. Statistical and Trends Analyses

Statistical and trend analysis results for the Shallow Aquifer are summarized in Tables 2 and 3.

All short term trends for monitoring wells MW-4, MW-10, MW-11, and MW-18 are stable or decreasing. Wells with increasing short term trends include wells MW-1, MW-6 and MW-26 (Table 3): well MW-1 exhibits a short term increasing trend for alkalinity; well MW-6 has short term increasing trends for specific conductance, total dissolved solids, and dissolved sodium; and well MW-26 has an increasing trend for sulfate.

Long term trend analyses show that most analytes have declining or stable trends over the past 50 sampling events, however, several constituents show long term increasing trends: chloride at wells MW-4, MW-6, and MW-11; dissolved magnesium at MW-4 and MW-6; dissolved potassium at MW-6 and MW-11; and dissolved sodium at wells MW-6, MW-10, MW-11, and MW-26.

4.2.6. Summary

During the reporting period, the groundwater quality from Shallow Aquifer monitoring wells has continued to improve since final closure of the Hobart Landfill. The long term and short term time concentration plots show that groundwater quality over the last year is consistent with past data (Appendix B).

Groundwater exceedances include arsenic, iron, manganese, and pH. Arsenic, iron, and manganese are naturally occurring constituents within the groundwater; arsenic concentrations in the Shallow Aquifer at Hobart Landfill are below the 8 ug/L arsenic background for the Puget Sound Basin (Ecology, 2022). Statistical trend tests show stable to decreasing trends for all of these parameters in the Shallow Aquifer.

Trend tests conducted on the remaining groundwater data show that most wells have stable to decreasing trends, but wells MW-1, MW-4, MW-6, MW-11, and MW-26 exhibit some statistically significant increases with concentrations significantly below their respective SGWCs and MCLs. Well MW-6 has short and long term increasing trends for dissolved sodium; the maximum sodium concentration at well MW-6 was 4.05 mg/L during the reporting year. Sodium concentrations at all wells on site are below the United States Environmental Protection Agency's Health Advisory level of 20 mg/L for sodium (Appendix E).

Although iron and manganese concentrations at wells MW-1 and MW-10 are above their respective SGWCs and MCLs, iron and manganese concentrations at wells MW-1 and MW-10 are stable or decreasing. During the second quarter of 2023, KCSWD began collecting total arsenic, total iron, and total manganese concentrations at all Shallow Aquifer wells. Once sufficient background data has been collected, background values will be calculated and the iron and manganese concentrations will be evaluated at that time.

Overall, the groundwater quality within the Shallow Aquifer at Hobart Landfill during the October 2023 – September 2024 reporting year is consistent with last year's report.

4.3. GROUNDWATER in DEEP AQUIFER

There are three wells that monitor groundwater in the Deep Aquifer:

Deep Aquifer		
MW-3	MW-7	MW-25 [U]

U= upgradient well

Quarterly groundwater samples were collected between October 2023 and September 2024 at wells MW-3, MW-7, and MW-25.

Water levels and water quality in the Deep Aquifer is consistent with previous years unless stated otherwise below.

4.3.1. Groundwater Elevations and Flow Direction

Groundwater elevation data for the Deep Aquifer can found in Appendix A and on Figure B-40C in Appendix B. Horizontal groundwater velocity calculations and potentiometric maps are attached in Appendix C. Water levels in the Deep Aquifer typically fluctuate seasonally by approximately five feet.

Potentiometric maps generated for the 2023-2024 reporting period show that groundwater flowed west-southwest (see Figures C-4 through C-8 in Appendix C). Hydraulic gradients ranged from 0.0280 ft/ft to 0.0310 ft/ft and horizontal groundwater velocities from 0.22 ft/day to 0.24 ft/day in the Deep Aquifer. Horizontal groundwater velocity calculations and potentiometric maps are attached in Appendix C.

4.3.2. Trilinear Diagrams and Ion Balance

The annual Deep Aquifer trilinear diagrams and ion balances are located in Appendix D. The triaxial diagrams (Figures D-5 through D-8) show samples plotted from the Deep Aquifer. The figures show that samples generally plot with calcium as the dominant cation and bicarbonate as the dominant anion. The alkaline earths exceed alkalis and the weak acids exceed the strong acids, with sample composition being >70% hardness causing constituents (calcium and magnesium) and >80% weak acids (carbonate and bicarbonate). During the reporting period, all sample results plot within the magnesium and bicarbonate hydrochemical facies of the diamond shaped cation anion field, and these results are consistent with historic samples.

Tables D-5 through D-8 contain the cation/anion balances for samples collected from wells screened within the Deep Aquifer during the 2023 – 2024 reporting period. Total cation anion sums are less than 5.0 meq/L for wells MW-3 and MW-25 and the percent difference between the cation sums and anion sums are less than ten percent. For well MW-7, the cation anion sums for each quarter are above 5 percent, but the percent difference between the cation and anion sums is less than five percent for all quarters in the reporting period. The results of the ion balances indicate a proficient chemical analysis.

4.3.3. Groundwater Exceedances

Exceedances of the SGWC and MCL are summarized in Table F-2 of Appendix F. There were no new exceedances of the groundwater criteria for the Deep Aquifer from October 2023 through September 2024.

Dissolved and total arsenic concentrations exceeded the primary SGWC for all samples collected from the Deep Aquifer during the reporting year. Dissolved and total manganese concentrations exceeded the secondary SGWC and MCL at monitoring well MW-3.

Groundwater exceedances in the Deep Aquifer are consistent with previous years.

4.3.4. Volatile Organic Compound Detections

Groundwater volatile organic compound (VOC) detections are summarized in Table F-4 of Appendix F. During the reporting year, dichlorodifluoromethane was detected in well MW-3 during the fourth quarter of 2023 and is flagged 'LT' denoting that the value is a laboratory estimate with high bias (see Appendix A for Qualifier Information). Dichlorodifluoromethane was also detected at well MW-25 all four quarters of the reporting period, with the fourth quarter 2023 result flagged 'L,' designating the sample an estimate with high bias. The dichlorodifluoromethane values observed at wells MW-3 and MW-25 are consistent with values typically observed at these wells.

4.3.5. Statistical and Trends Analyses

Statistical and trend analysis results for the Deep Aquifer are summarized in Tables 2 and 3.

Table 3 shows that statistically significant short term increasing trends occurred at the following wells: MW-3 (specific conductance), MW-7 (chloride, dissolved potassium), and MW-25 (specific conductance). These results are congruent with historic results and are not believed to be new groundwater impacts from the landfill. All other Deep Aquifer short term trend analysis results showed to be either stable or decreasing.

Long term statistically significant trends occurred at the following wells: MW-3 (specific conductance, total dissolved solids, total alkalinity, chloride, sulfate, dissolved calcium, dissolved magnesium, dissolved manganese, dissolved potassium, and dissolved sodium), and MW-25 (specific conductance, total dissolved solids, total dissolved solids, total alkalinity, sulfate, dissolved calcium, dissolved magnesium, dissolved potassium, and dissolved sodium).

There were short and long term increasing trends for specific conductance at wells MW-3 and MW-25.

Relative to the 2022-2023 annual groundwater report, there are no new statistically significant long-term trends. Additionally, trend analysis for MW-7 reported as "no significant trend" for dissolved sodium this year, despite showing an increasing long-term trend in last year's analysis (Table 3).

4.3.6. Summary

Groundwater quality in the Deep Aquifer reveals a long history of constituents attenuating at monitoring wells MW-25, MW-7, and MW-3 with some evidence of historic landfilling impacts.

Groundwater exceedances include arsenic and manganese. Arsenic and manganese are naturally occurring constituents within the groundwater; arsenic concentrations in the Deep Aquifer at Hobart Landfill are below the 8 ug/L arsenic background for the Puget Sound Basin (Ecology, 2022). Statistical trend tests show stable to decreasing trends for arsenic and manganese in the Deep Aquifer. Total manganese concentrations at well MW-3 exceed the SGWC and MCL.

During the second quarter of 2023, KCSWD began collecting total arsenic, total iron, and total manganese data from all Deep Aquifer wells. Once sufficient background data has been collected, background values will be calculated and arsenic, iron, and manganese concentrations will be evaluated at that time.

Trend tests conducted on the remaining groundwater data show that most wells have stable to decreasing trends. The wells with statistically significant increasing trends have values that are below their respective SGWCs and MCLs.

Dichlorodifluoromethane has been detected at well MW-3 and MW-25, but the lack of dichlorodifluoromethane detections in the Shallow Aquifer and relatively low indicator parameter concentrations obfuscates a clear migration pathway for these detections. Trend analyses show no significant trend at MW-3 or MW-25 for dichlorodifluoromethane. Dichlorodifluoromethane detections will continue to be monitored as engineered systems most likely to influence a potential migration pathway (landfill cover, slurry wall, and leachate systems) are evaluated and improved in the coming years.

Overall, the groundwater quality within the Deep Aquifer at Hobart Landfill during the October 2023 through September 2024 reporting year is consistent with last year's report.

Although iron and manganese concentrations at wells MW-1 and MW-10 are above their respective SGWCs and MCLs, iron and manganese concentrations at wells MW-1 and MW-10 are stable or decreasing. During the second quarter of 2023, KCSWD began collecting total arsenic, total iron, and total manganese concentrations at all Shallow Aquifer wells. Once sufficient background data has been collected, background values will be calculated and the iron and manganese concentrations will be evaluated at that time.

Overall, the groundwater quality within the Shallow Aquifer at Hobart Landfill during the October 2023 – September 2024 reporting year is consistent with last year's report.

5. LANDFILL GAS

Landfill gas is monitored by a network of compliance probes installed around the perimeter of the landfill and ambient air stations around the property boundary (Figure 3). The monitoring network consists of eight ambient air stations, and eight gas probes. Probes are monitored monthly. The results can be found in Appendix G.

There were no methane detections during the October 2023 through September 2024 reporting year. Gas readings were unsuccessful at GP-8 in January, February, and March of 2024 due to water being present in the gas probe. Please reference Section 7 Site Improvements of this report for a description of ongoing engineering work being implemented at Hobart Landfill.

6. LEACHATE

Leachate levels are monitored at wells installed within the slurry wall enclosure (Figure 2). Depth to liquid is monitored quarterly at three extraction wells and seven piezometers, with piezometer LP-7 consistently dry.

Groundwater elevations outside of the slurry wall barrier and leachate elevations inside of the slurry wall enclosure are graphed in Appendix B (Figures B-0A). The plot shows that the groundwater elevations at the groundwater monitoring wells are consistently higher than the leachate elevations within the slurry wall enclosure, thus, the slurry wall maintains an inward gradient (See Appendix C Table C-3). Leachate elevations at wells LEW-1, LP-1, and LP-3 are below the base of refuse in the northern Phase I area, and thus the refuse in that area remains unsaturated. Leachate elevations at wells LEW-4, LEW-5, LP-5, LP-6, LP-8, and LPI-1 show that the base of waste in the southern Phase II area has been saturated seasonally since 2014, though this reporting period leachate levels hovered just below the base of refuse. Please reference Section 7 Site Improvements of this report for a description of ongoing engineering work being implemented at Hobart Landfill.

7. SITE IMPROVEMENTS

Hobart Landfill has a soil-bentonite slurry wall that surrounds the waste unit. The purpose of the slurry wall is to prevent the lateral migration of contaminants from the waste unit to the native soils outside of the barrier wall. During August 2023, Shannon & Wilson provided oversight for Holt Drilling to rehabilitate the leachate extraction wells (LEW-1, LEW-4, and LEW-5) and leachate probes (LP-1, LP-3, LP-5, LP-6, and LP-8) at Hobart Landfill. The wells were rehabilitated in an effort to improve hydraulic connectivity as well as evaluate the viability of future pump tests at the aforementioned locations. KCSWD anticipates that the next steps will include landfill gas treatment upgrades and pumping tests; these projects are currently in the planning phase, with consultants.

8. FINANCIAL ASSURANCE

The 2023-2024 financial assurance for Hobart Landfill is provided in Appendix H.

9. CONCLUSIONS AND RECOMMENDATIONS

9.1. Conclusions

Groundwater quality at Hobart Landfill is consistent with results contained in last year's annual report.

Groundwater surface gradients and flow directions for the Shallow Aquifer and Deep Aquifer agree with results presented in last year's annual report.

The following conclusions were drawn from the data presented in this Annual Report:

1. Exceedances occur for arsenic, iron, and manganese in both the Shallow Aquifer and Deep Aquifer. There are no statistically increasing trends for arsenic, iron, or manganese in the Shallow Aquifer nor Deep Aquifer.
2. There were no VOC detections in the Shallow Aquifer, and dichlorodifluoromethane was the only VOC detected in the Deep Aquifer. Given the lack of VOC detections in the Shallow Aquifer, the migration pathway to the Deep Aquifer has not been determined.
3. Short term increasing trends occurring within the Shallow Aquifer exhibit low concentrations that are below the regulatory or advisory limits; parameters include: specific conductance, total dissolved solids, total alkalinity, and dissolved sodium.
4. Short term increasing trends within the Deep Aquifer include specific conductance, chloride, and potassium; concentrations of each of these constituents is below their respective regulatory limits.
5. Shallow Aquifer groundwater elevations continue to be higher than the leachate elevations observed within the slurry wall enclosure; therefore, an inward gradient continues to be maintained across the slurry wall.
6. Leachate elevations within the slurry wall enclosure show that the base of refuse in the Phase II southern area of the landfill has typically been saturated seasonally since 2014.
7. Methane was not detected at any of the landfill gas monitoring probes nor the ambient air monitoring stations.

9.2. Recommendations/Proposed Actions

1. Continued monitoring of the groundwater surface and groundwater quality at the groundwater monitoring wells, monitoring the unsaturated portion of the vadose zone at the landfill gas probes, and measuring leachate elevations at the leachate extraction wells and leachate piezometers.
2. Continue collecting total arsenic, total iron, and total manganese to develop background concentrations for these constituents at Hobart Landfill. It is proposed that the exceedances of these constituents in the Shallow Aquifer and Deep Aquifer be reevaluated after the backgrounds have been established.
3. It is recommended that the *Environmental Monitoring Sampling and Analysis Plan and Quality Assurance Project Plan for Hobart Landfill* be updated; the first draft is anticipated to be delivered to Public Health on October 31, 2025.
4. KCSWD is in the process of evaluating and implementing additional environmental system controls at Hobart Landfill, which includes work on the landfill gas system,

leachate extraction wells and/or leachate piezometers, as well as the final cover system. It is recommended that groundwater quality be reevaluated after implementation of each system improvement to determine the effectiveness of system improvements on groundwater quality, vadose zone quality, and leachate elevations.

10. REFERENCES

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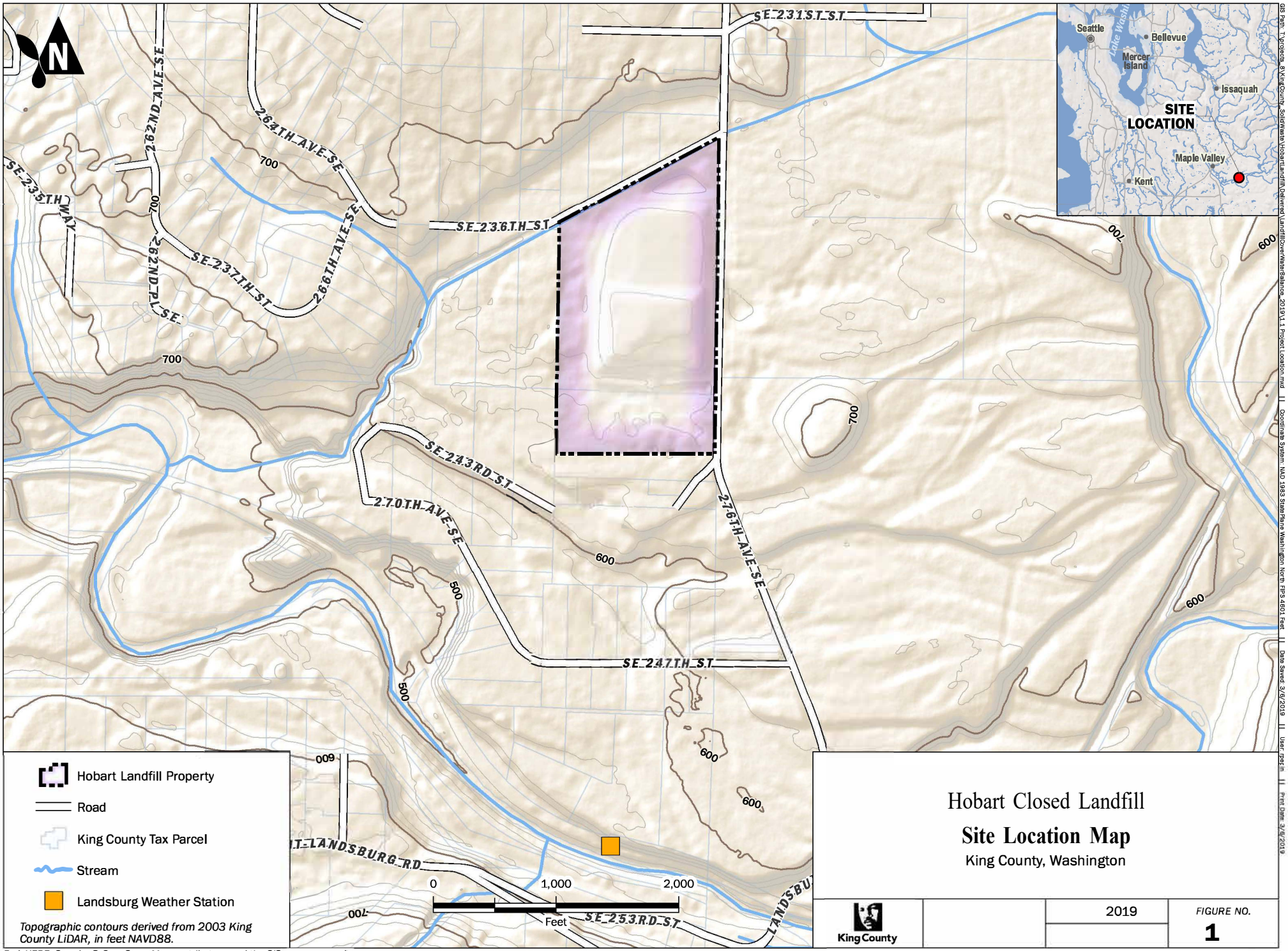
FIGURES and TABLES



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MW-16
660
650
MW-25
MW-9
MW-2
LP-2
LP-8
640
SE-1
MW-6
Southeast Sedimentation Basin
MW-17
670
680
Southeast Infiltration Basin
MW-11
N-2
MW-27
N-1
650
LEW-2
North Basin Phase 1
Southeast Basin Phase 2
LP-3
LEW-4
Southwest Basin Phase 2
North Sedimentation and Infiltration Basin
Leachate Aeration Basin
640
LPI-1
SW-1
MW-7
MW-15
LEW-1
690
LP-4B
LP-5
MW-13
MW-1
SW-2
LEW-5
LEW-3
Southwest Sedimentation Basin
Southwest Infiltration Basin
MW-5
West Basin Phase 1
LP-7
LP-1
680
670
LP-6
660
650
690
MW-26
MW-3
W-1
W-2
MW-12
MW-8
MW-14
MW-10
MW-22
MW-4
West Sedimentation Basin
West Infiltration Basin
650
MW-19
MW-20
MW-23
MW-21
MW-18

Shallow Monitoring Well
Deep Monitoring Well
Leachate Piezometer
Leachate Extraction Well
Leachate Extraction Well (Decommissioned)
Monitoring Well (Decommissioned)
Leachate Piezometer (Decommissioned)

Closure Areas
Phase 1
Phase 2

Slurry Wall
Flare Station
Hobart Landfill Property
King County Tax Parcel
Road

N
0 200 400
Feet

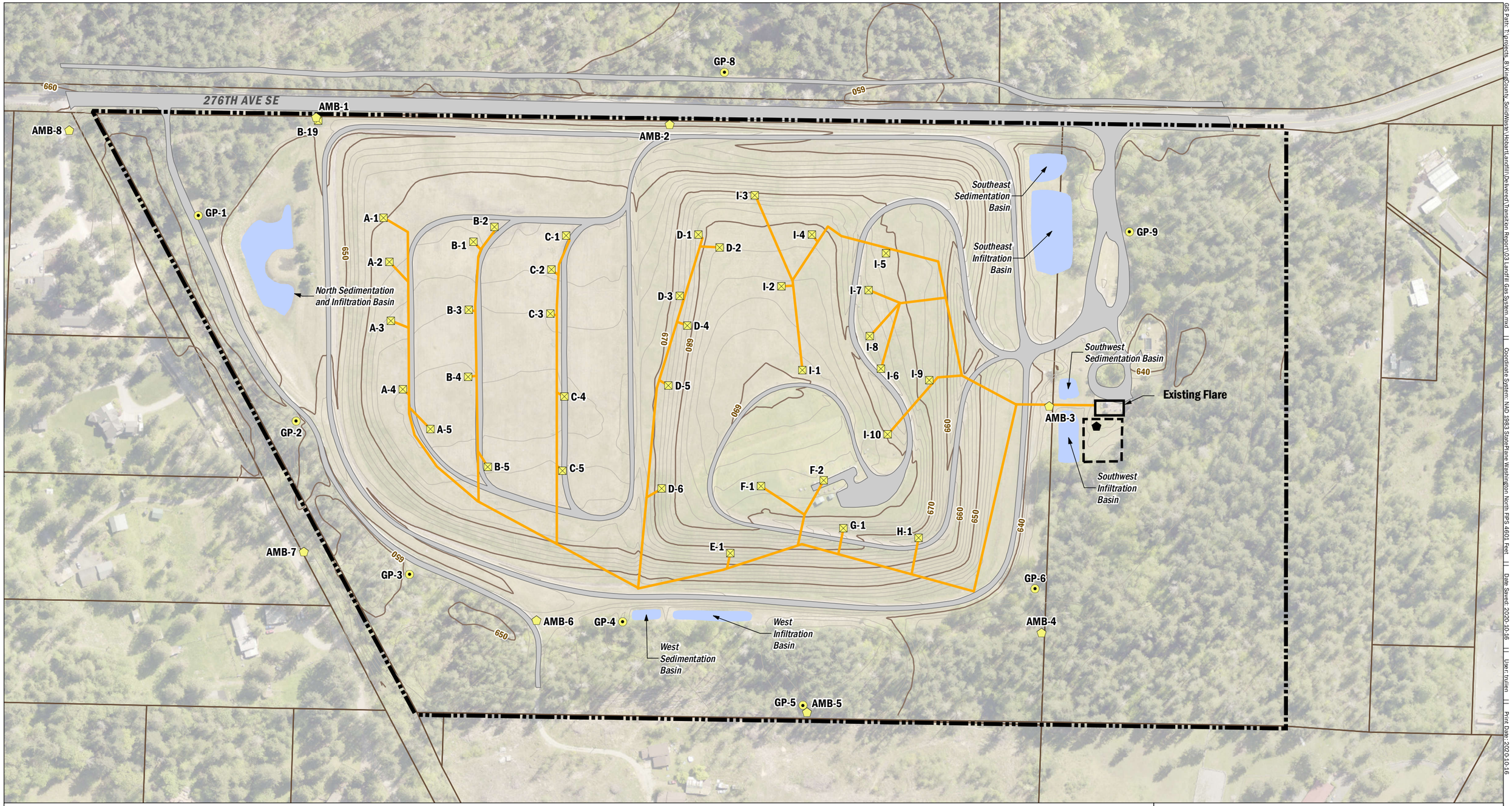
Note: Exploration locations are approximate. Elevation data is in feet NAVD88.

Hobart Closed Landfill
Site Map - Monitoring Locations

King County, Washington

King County | AUG-2020 | BY: JCB / RAP | FIGURE NO. 2

GIS Path: T:\projects_8\KingCounty_SolidWaste\Hobart Landfill\DeHenzel Refinement and Documentation of Alternatives 1,2 Site Layout.mxd || Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet || Date Saved: 2020-08-04 || User: tullen || Print Date: 2020-08-04



Landfill Gas System*

- Extraction Well
- Ambient Air Station
- Gas Probe
- LFG Piping
- Pond
- Hobart Closed Landfill Property
- King County Tax Parcel
- Road

Notes:

-Topographic contours (ft, NAVD88) from a Fall 2018 King County Survey.

*Data sourced from historical figures and have not been surveyed.
- Extraction Wells I-6, I-9, and I-10 adjusted based on field visits during Q2 of 2020.
- Exploration locations are approximate.

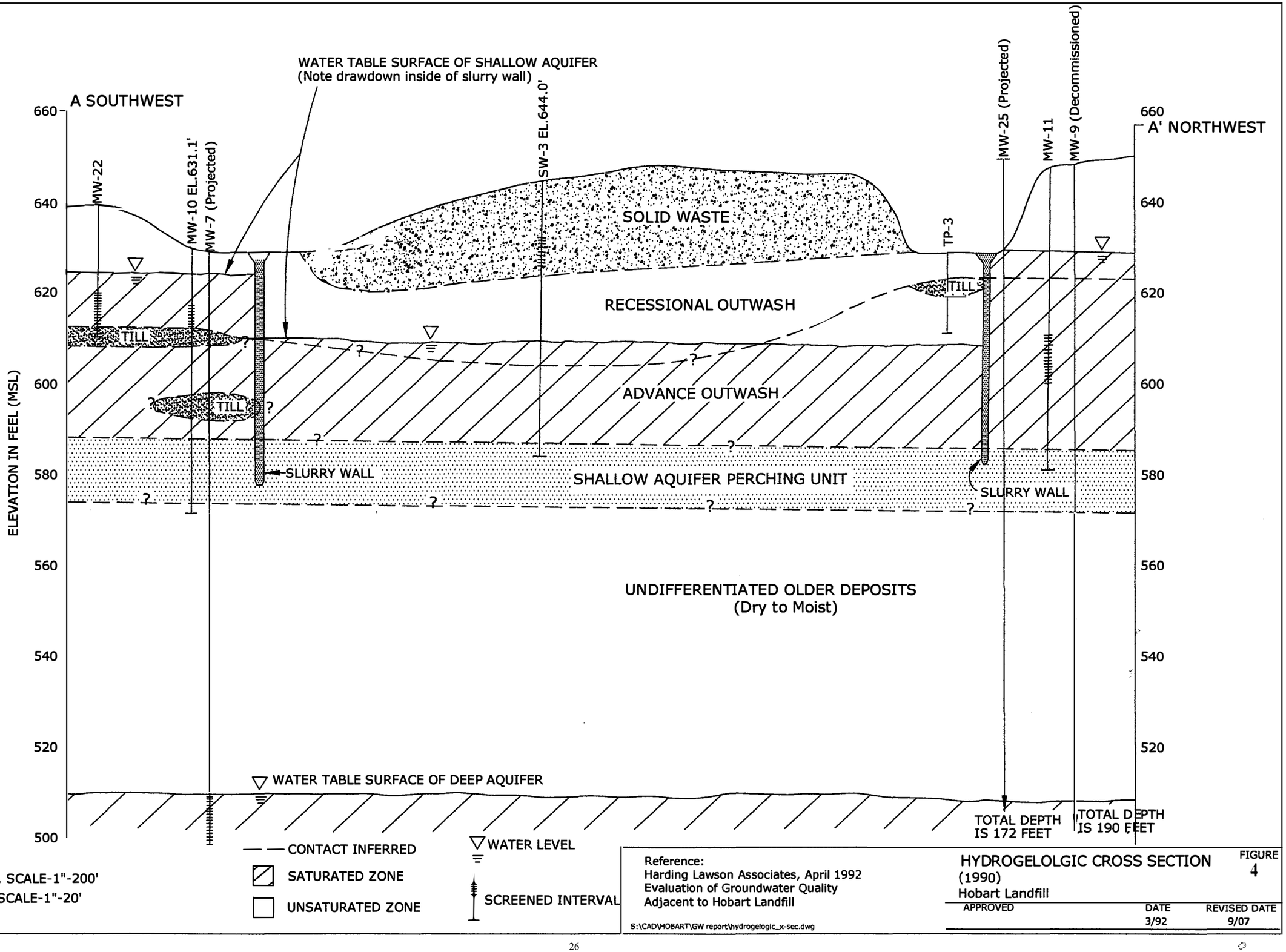
Hobart Closed Landfill
Landfill Gas System Locations Map

King County, Washington

King County		2020	FIGURE NO. 3

Basemap Layer Credits || EagleView Technologies, Inc.

GIS Path: T:\projects_8\KingCounty_SolidWaste\Hobart\Landfill\Deliverer\Transition Report\03 Landfill Gas System.mxd || Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet || Date Saved: 2020-10-16 || User: rullen || Print Date: 2020-10-16



Reference:
Harding Lawson Associates, April 1992
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S:\CAD\HOBART\GW report\hydrogelogic_x-sec.dwg

HYDROGELOLGIC CROSS SECTION
(1990)
Hobart Landfill

FIGURE 4

APPROVED	DATE	REVISED DATE
	3/92	9/07

Table 1

Hobart Closed Landfill Groundwater Monitoring Well Completion Details

Well Number	Date Completed	Installed By	Top of PVC Casing Elevation (feet)	Well Casing and Screen	Well Dia. (inches)	Screen slot (inches)	Top of Screen Elevation	Bottom of Screen Elevation	Top of Seal Elevation	Bottom of Seal Elevation	Seal Type	Top of Sand Pack (feet elev.)	Bottom of Sand Pack (feet elev.)	Sand Type
Shallow Aquifer														
MW-1	8/16/1983	Sweet Edwards	638.80	PVC[1]	3	0.010	619.64	609.64	636.64	621.64	Bentonite	621.64	606.64	Gravel
MW-4	8/18/1983	Sweet Edwards	648.00	PVC[1]	3	0.010	625.86	615.86	646.86	628.86	Bentonite	628.86	612.86	Gravel
MW-6	8/22/1985	Sweet Edwards	635.12	PVC[1]	2	0.010	616.12	606.12	634.12	620.12	Bentonite	620.12	605.12	Pea Gravel
MW-10	9/10/1985	Sweet Edwards	635.99	SCH 40 PVC	2	0.010	621.05	616.05	634.05	624.05	Bentonite	624.05	614.05	Pea Gravel
MW-11	9/12/1985	Sweet Edwards	655.38	SCH 40 PVC	2	0.010	615.46	605.46	652.46	618.46	Bentonite	618.46	602.46	Pea Gravel
MW-16	11/12/1985	Sweet Edwards	638.54	SCH 80 PVC	2	0.010	627.12	617.12	638.12	628.12	Bentonite	628.12	615.12	Formation Material and Pea Gravel
MW-18	3/7/1986	Sweet Edwards	642.44	SCH 80 PVC	2	NA[2]	625.78	615.78	640.78	628.78	Bentonite	628.78	615.78	Gravel
MW-21	3/12/1986	Sweet Edwards	648.92	SCH 80 PVC	2	NA[2]	630.87	620.87	645.87	629.87	Bentonite	629.87	614.87	Pea Gravel
MW-22	3/13/1986	Sweet Edwards	642.22	SCH 80 PVC	2	NA[2]	625.54	615.54	640.54	627.54	Bentonite	627.54	615.54	Pea Gravel
MW-26	1/15/2016	Aspect Consulting	650.20	SCH 80 PVC	4	0.020	627.56	617.56	647.56	630.56	Bentonite	630.56	615.06	10/20 Colorado Silica Sand
MW-27	1/13/2016	Aspect Consulting	650.44	SCH 80 PVC	4	0.020	622.27	612.27	647.27	625.27	Bentonite	625.27	607.27	10/20 Colorado Silica Sand
Deep Aquifer														
MW-3	8/22/1983	Sweet Edwards	647.69	PVC[1]	3	0.010	483.96	468.96	645.96	485.96	Bentonite	485.96	465.96	Gravel
MW-7	9/20/2023	Sweet Edwards	637.45	SCH 40 PVC	2	0.010	513.26	503.26	634.26	518.26	Bentonite	518.26	503.26	Pea Gravel
MW-25	10/22/2001	Aspect Consulting	656.34	SCH 40 PVC	2	0.010	492.22	482.52	654.02	497.62	Bentonite	497.62	477.52	20x40 Colorado Silica Sand

[a]All survey data in feet are relative to site NAVD88 datum.

[1] PVC type unspecified on well log.

[2] Screen slot size unspecified on well log.

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location		Shallow Aquifer									
		MW-1		MW-4		MW-6		MW-10		MW-11	
Time Interval		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short
pH (Field), pH Units											
	No. of Analyses	141	8	147	8	145	8	140	8	145	8
	No. of Detections	141	8	147	8	145	8	140	8	145	8
	Minimum	5.23	5.23	4.98	5.19	5.93	6.36	5.47	5.47	5.33	5.42
	Maximum	8.29	6.05	7.8	5.76	7.79	6.81	7.44	6.39	8.86	6.14
	Mean	6.419	5.774	6.011	5.501	6.862	6.603	6.446	6.053	6.215	5.803
	Standard Deviation	0.421	0.257	0.478	0.245	0.331	0.191	0.320	0.325	0.538	0.226
	Median	6.410	5.855	5.980	5.605	6.890	6.700	6.485	6.145	6.120	5.830
Specific Conductance, µmhos/cm											
	No. of Analyses	147	8	151	8	148	8	146	8	148	8
	No. of Detections	147	8	151	8	148	8	146	8	148	8
	Minimum	51.8	52.1	33	43.6	96.3	103	58.4	58.4	32	61.9
	Maximum	640	93.7	370	50	410	116	670	90.7	101	101
	Mean	134.331	78.150	55.904	47.300	137.559	110.875	147.925	71.763	59.214	76.325
	Standard Deviation	80.552	14.357	34.385	2.213	49.641	4.643	105.627	13.550	12.905	15.076
	Median	108.000	82.500	48.100	47.450	120.000	111.000	115.500	67.800	57.000	70.550
Total Dissolved Solids, mg/L											
	No. of Analyses	136	8	139	8	138	8	136	8	137	8
	No. of Detections	136	8	136	8	137	8	136	8	135	8
	Minimum	6	40	7	34	5	74	17	37	2	40
	Maximum	286	63.3	96	43.3	190	86.7	230	61	92	70
	Mean	73.767	54.487	36.557	37.075	83.988	80.175	75.593	49.288	41.298	52.337
	Standard Deviation	32.030	9.050	12.452	3.064	21.790	3.886	34.627	8.851	14.762	9.717
	Median	64.100	58.650	36.000	37.000	83.000	79.700	63.350	51.350	41.000	51.000
Total Organic Carbon, mg/L											
	No. of Analyses	148	8	152	8	149	8	147	8	149	8
	No. of Detections	142	8	50	4	39	2	121	8	44	2
	Minimum	0.64	0.91	0.51	0.52	0.5	0.52	0.51	0.59	0.55	0.55
	Maximum	40	2.58	24	0.78	36	0.55	20	1.3	9.3	0.61
	Mean	2.940	1.545	1.291	0.436	1.661	ID	2.352	0.876	0.977	ID
	Standard Deviation	4.404	0.636	2.903	0.216	4.280	ID	3.475	0.267	1.358	ID
	Median	1.915	1.300	0.500	0.385	0.500	ID	1.400	0.835	0.500	ID
Alkalinity, Total (as CaCO3), mg/L											
	No. of Analyses	117	8	118	8	119	8	117	8	118	8
	No. of Detections	117	8	118	8	119	8	117	8	118	8
	Minimum	11.5	11.5	8.2	9.34	37.7	42.5	21.5	21.5	10.1	16.3
	Maximum	80	28.2	60	14.1	110	45.3	120	36.3	40.2	38.1
	Mean	39.637	20.938	14.554	11.121	51.409	43.913	46.491	25.775	20.597	23.663
	Standard Deviation	13.974	5.488	5.545	1.728	8.879	1.086	19.382	4.814	6.359	8.322
	Median	37.900	21.650	13.350	10.650	50.000	44.000	42.000	23.950	19.100	19.700
Chloride, mg/L											
	No. of Analyses	148	8	152	8	149	8	147	8	149	8
	No. of Detections	131	8	149	8	149	8	124	8	147	8
	Minimum	0.46	0.511	0.68	1.21	1.4	3.16	0.282	0.51	1	2.83
	Maximum	20.1	11	18	5.8	41.7	6.2	24	8.66	10.1	7.19
	Mean	3.294	5.380	2.220	3.655	3.172	4.756	2.546	3.348	2.515	5.353
	Standard Deviation	3.055	4.057	1.796	1.577	3.372	1.020	3.375	3.146	1.333	1.212
	Median	2.630	4.835	2.000	3.600	2.730	4.495	1.440	2.175	2.200	5.610
Nitrate as N, mg/L											
	No. of Analyses	148	8	152	8	149	8	147	8	149	8
	No. of Detections	50	4	149	8	123	8	46	2	148	8
	Minimum	0.01	0.011	0.04	0.337	0.01	0.118	0.01	0.01	0.13	0.358
	Maximum	3.37	3.37	3.61	0.905	0.393	0.306	0.8	0.015	1.2	0.646
	Mean	0.097	0.638	0.642	0.645	0.152	0.224	0.034	ID	0.461	0.467
	Standard Deviation	0.322	1.168	0.481	0.196	0.105	0.071	0.075	ID	0.220	0.125
	Median	0.025	0.008	0.529	0.600	0.110	0.243	0.017	ID	0.390	0.405
Sulfate, mg/L											
	No. of Analyses	148	8	152	8	149	8	147	8	149	8
	No. of Detections	146	8	151	8	149	8	145	8	145	8
	Minimum	2	3.43	1.68	1.83	3.31	3.52	0.78	2.68	1.5	2.29
	Maximum	130	4.25	58	2.5	13	4.29	67	3.77	13	2.55
	Mean	9.445	3.944	3.686	2.050	5.424	3.785	8.578	3.166	2.743	2.446
	Standard Deviation	12.244	0.251	4.893	0.224	2.012	0.257	9.036	0.432	1.037	0.094
	Median	6.000	3.975	2.700	1.985	4.600	3.735	5.040	3.065	2.680	2.485
Arsenic, Total, µg/L											
	No. of Analyses	6	6	6	6	6	6	6	6	6	6
	No. of Detections	6	6	6	6	6	6	6	6	6	6
	Minimum	0.345	0.345	0.0648	0.0648	0.292	0.292	3.23	3.23	0.0582	0.0582
	Maximum	1.1	1.1	0.15	0.15	0.321	0.321	4.18	4.18	0.101	0.101
	Mean	0.641	0.641	0.106	0.106	0.311	0.311	3.743	3.743	0.076	0.076
	Standard Deviation	0.299	0.299	0.031	0.031	0.013	0.013	0.365	0.365	0.016	0.016
	Median	0.586	0.586	0.101	0.101	0.316	0.316	3.725	3.725	0.072	0.072

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location	Shallow Aquifer									
	MW-1		MW-4		MW-6		MW-10		MW-11	
Time Interval	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short
Arsenic, Dissolved, µg/L										
No. of Analyses	147	8	151	8	148	8	146	8	148	8
No. of Detections	79	8	6	2	34	8	145	8	31	8
Minimum	0.058	0.0747	0.0506	0.0565	0.278	0.286	2.77	2.77	0.0534	0.0612
Maximum	12	0.188	0.0581	0.0577	4	0.331	12	4.28	2	0.1
Mean	2.745	0.107	0.566	ID	0.635	0.308	6.353	3.446	0.559	0.074
Standard Deviation	3.685	0.039	0.600	ID	0.598	0.014	1.771	0.536	0.567	0.016
Median	0.500	0.092	0.500	ID	0.500	0.306	6.260	3.380	0.500	0.066
Calcium, Total, mg/L										
No. of Analyses	1	1	1	1	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1	1	1	1	1
Minimum	9.12	9.12	4.32	4.32	11.9	11.9	5.98	5.98	6.21	6.21
Maximum	9.12	9.12	4.32	4.32	11.9	11.9	5.98	5.98	6.21	6.21
Mean	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Median	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Calcium, Dissolved, mg/L										
No. of Analyses	128	8	130	8	130	8	128	8	129	8
No. of Detections	128	8	130	8	130	8	128	8	129	8
Minimum	5.72	5.86	2.84	3.85	5.6	10.9	5.93	5.93	3.6	6.03
Maximum	47	10	6.88	4.23	28.2	12.5	42	8.77	11.4	11.4
Mean	12.302	8.406	4.284	4.131	13.115	11.762	12.568	7.330	5.751	7.811
Standard Deviation	5.242	1.402	0.844	0.125	3.224	0.501	6.273	1.121	1.726	2.191
Median	11.000	8.715	4.090	4.165	12.000	11.850	11.000	7.150	5.280	6.790
Iron, Total, mg/L										
No. of Analyses	6	6	6	6	6	6	6	6	6	6
No. of Detections	6	6	6	6	6	6	6	6	0	0
Minimum	0.349	0.349	0.0385	0.0385	0.0118	0.0118	2.43	2.43	ND	ND
Maximum	1.56	1.56	0.158	0.158	0.0252	0.0252	3.58	3.58	ND	ND
Mean	0.717	0.717	0.095	0.095	0.016	0.016	2.953	2.953	ID	ID
Standard Deviation	0.466	0.466	0.049	0.049	0.005	0.005	0.491	0.491	ID	ID
Median	0.578	0.578	0.091	0.091	0.014	0.014	2.875	2.875	ID	ID
Iron, Dissolved, mg/L										
No. of Analyses	148	8	152	8	149	8	147	8	149	8
No. of Detections	136	3	62	1	80	0	147	8	63	0
Minimum	0.0119	0.0243	0.005	0.0114	0.007	ND	2.26	2.26	0.0053	ND
Maximum	24	0.135	1.9	0.0114	110	ND	19	3.72	3.06	ND
Mean	3.262	0.034	0.044	ID	0.793	ID	5.064	2.970	0.058	ID
Standard Deviation	4.568	0.049	0.181	ID	9.008	ID	3.048	0.569	0.304	ID
Median	0.949	0.005	0.005	ID	0.014	ID	3.850	2.850	0.005	ID
Magnesium, Total, mg/L										
No. of Analyses	1	1	1	1	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1	1	1	1	1
Minimum	2.34	2.34	1.1	1.1	4.62	4.62	1.47	1.47	1.76	1.76
Maximum	2.34	2.34	1.1	1.1	4.62	4.62	1.47	1.47	1.76	1.76
Mean	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Median	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Magnesium, Dissolved, mg/L										
No. of Analyses	128	8	130	8	130	8	128	8	129	8
No. of Detections	128	8	130	8	130	8	128	8	129	8
Minimum	1.5	1.57	0.61	0.895	1.6	3.92	1.23	1.45	0.96	1.53
Maximum	8.1	2.48	1.42	1.02	8.91	4.48	5.6	2.3	3.04	3.04
Mean	2.737	2.139	0.871	0.965	4.535	4.293	2.230	1.834	1.506	2.056
Standard Deviation	1.063	0.287	0.155	0.046	0.961	0.183	0.661	0.306	0.468	0.634
Median	2.470	2.185	0.844	0.975	4.245	4.335	2.100	1.805	1.400	1.740
Manganese, Total, µg/L										
No. of Analyses	6	6	6	6	6	6	6	6	6	6
No. of Detections	6	6	6	6	6	6	6	6	6	6
Minimum	22.7	22.7	1.79	1.79	2.79	2.79	263	263	0.242	0.242
Maximum	1140	1140	5.89	5.89	12.7	12.7	402	402	0.664	0.664
Mean	776.283	776.283	3.768	3.768	6.478	6.478	320.667	320.667	0.429	0.429
Standard Deviation	411.948	411.948	1.657	1.657	3.601	3.601	53.709	53.709	0.164	0.164
Median	840.000	840.000	3.650	3.650	5.925	5.925	308.000	308.000	0.376	0.376
Manganese, Dissolved, µg/L										
No. of Analyses	148	8	152	8	149	8	147	8	149	8
No. of Detections	148	8	54	8	127	8	147	8	38	7
Minimum	5.26	5.26	0.213	0.213	0.161	0.234	268	268	0.105	0.114
Maximum	6680	1140	1800	0.389	2650	3.42	4200	408	80	0.325
Mean	1454.834	568.492	41.864	0.301	94.291	0.891	1141.367	335.750	1.611	0.181
Standard Deviation	922.686	491.187	229.460	0.057	287.938	1.101	831.131	54.604	6.938	0.087
Median	1500.000	689.500	0.500	0.298	2.100	0.407	950.000	323.500	0.500	0.165

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location	Shallow Aquifer									
	MW-1		MW-4		MW-6		MW-10		MW-11	
Time Interval	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short
Potassium, Total, mg/L										
No. of Analyses	1	1	1	1	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1	1	1	1	1
Minimum	1.13	1.13	0.646	0.646	0.71	0.71	0.975	0.975	0.364	0.364
Maximum	1.13	1.13	0.646	0.646	0.71	0.71	0.975	0.975	0.364	0.364
Mean	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Median	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Potassium, Dissolved, mg/L										
No. of Analyses	128	8	130	8	130	8	128	8	129	8
No. of Detections	128	8	130	8	129	8	127	8	122	8
Minimum	0.737	0.737	0.49	0.601	0.42	0.668	0.875	0.875	0.3	0.382
Maximum	5.1	1.31	1.9	0.695	1.2	0.716	6.3	1.14	0.8	0.502
Mean	1.804	1.086	0.852	0.638	0.708	0.697	2.462	1.018	0.393	0.439
Standard Deviation	0.829	0.193	0.273	0.034	0.122	0.017	1.401	0.091	0.101	0.046
Median	1.600	1.080	0.771	0.630	0.690	0.701	2.205	1.010	0.380	0.425
Sodium, Total, mg/L										
No. of Analyses	1	1	1	1	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1	1	1	1	1
Minimum	2.47	2.47	3.02	3.02	4.07	4.07	1.52	1.52	3.72	3.72
Maximum	2.47	2.47	3.02	3.02	4.07	4.07	1.52	1.52	3.72	3.72
Mean	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Median	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Sodium, Dissolved, mg/L										
No. of Analyses	128	8	130	8	130	8	128	8	129	8
No. of Detections	128	8	130	8	130	8	128	8	129	8
Minimum	1.18	1.22	2	2.75	3	3.76	1.31	1.5	2.3	3.29
Maximum	7.78	2.66	3.72	3.02	6.07	4.12	7	1.92	4.5	4.16
Mean	2.500	2.066	2.670	2.899	3.990	3.971	2.484	1.720	3.052	3.712
Standard Deviation	1.078	0.538	0.353	0.106	0.580	0.123	1.311	0.170	0.387	0.302
Median	2.300	2.250	2.600	2.925	3.855	4.015	1.890	1.740	3.000	3.685
Zinc, Total, mg/L										
No. of Analyses	6	6	6	6	6	6	6	6	6	6
No. of Detections	3	3	0	0	1	1	6	6	0	0
Minimum	0.000516	0.000516	ND	ND	0.00316	0.00316	0.0011	0.0011	ND	ND
Maximum	0.00143	0.00143	ND	ND	0.00316	0.00316	0.00154	0.00154	ND	ND
Mean	0.001	0.001	ID	ID	ID	ID	0.001	0.001	ID	ID
Standard Deviation	0.000	0.000	ID	ID	ID	ID	0.000	0.000	ID	ID
Median	0.000	0.000	ID	ID	ID	ID	0.001	0.001	ID	ID
Zinc, Dissolved, mg/L										
No. of Analyses	147	8	152	8	149	8	147	8	148	8
No. of Detections	39	2	30	1	39	0	53	8	28	0
Minimum	0.000553	0.00104	0.000568	0.0015	0.000697	ND	0.000741	0.000947	0.000533	ND
Maximum	0.15	0.00105	0.025	0.0015	0.282	ND	0.06	0.00142	0.076	ND
Mean	0.004	ID	0.003	ID	0.006	ID	0.004	0.001	0.004	ID
Standard Deviation	0.013	ID	0.004	ID	0.024	ID	0.006	0.000	0.009	ID
Median	0.002	ID	0.002	ID	0.002	ID	0.002	0.001	0.002	ID
Benzene, µg/L										
No. of Analyses	148	8	151	8	149	8	147	8	149	8
No. of Detections	2	0	0	0	0	0	8	0	0	0
Minimum	0.28	ND	ND	ND	ND	ND	0.2	ND	ND	ND
Maximum	2	ND	ND	ND	ND	ND	3	ND	ND	ND
Mean	ID	ID	ID	ID	ID	ID	0.186	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	ID	ID	0.340	ID	ID	ID
Median	ID	ID	ID	ID	ID	ID	0.100	ID	ID	ID
Chlorobenzene, µg/L										
No. of Analyses	148	8	151	8	149	8	147	8	149	8
No. of Detections	0	0	0	0	0	0	3	0	0	0
Minimum	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND
Maximum	ND	ND	ND	ND	ND	ND	1	ND	ND	ND
Mean	ID	ID	ID	ID	ID	ID	0.214	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	ID	ID	0.360	ID	ID	ID
Median	ID	ID	ID	ID	ID	ID	0.100	ID	ID	ID
Cis-1,2-Dichloroethene, µg/L										
No. of Analyses	137	8	139	8	139	8	136	8	139	8
No. of Detections	0	0	0	0	0	0	3	0	0	0
Minimum	ND	ND	ND	ND	ND	ND	0.21	ND	ND	ND
Maximum	ND	ND	ND	ND	ND	ND	0.24	ND	ND	ND
Mean	ID	ID	ID	ID	ID	ID	0.122	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	ID	ID	0.126	ID	ID	ID
Median	ID	ID	ID	ID	ID	ID	0.100	ID	ID	ID

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location	Shallow Aquifer									
	MW-1		MW-4		MW-6		MW-10		MW-11	
Time Interval	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short
Dichlorodifluoromethane, µg/L										
No. of Analyses	92	8	93	8	94	8	92	8	93	8
No. of Detections	0	0	0	0	20	0	0	0	0	0
Minimum	ND	ND	ND	ND	0.21	ND	ND	ND	ND	ND
Maximum	ND	ND	ND	ND	1	ND	ND	ND	ND	ND
Mean	ID	ID	ID	ID	0.167	ID	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	0.200	ID	ID	ID	ID	ID
Median	ID	ID	ID	ID	0.100	ID	ID	ID	ID	ID
Vinyl Chloride, µg/L										
No. of Analyses	148	8	151	8	149	8	147	8	149	8
No. of Detections	2	0	0	0	3	0	2	0	0	0
Minimum	0.0107	ND	ND	ND	0.03	ND	0.02	ND	ND	ND
Maximum	0.012	ND	ND	ND	0.08	ND	0.06	ND	ND	ND
Mean	ID	ID	ID	ID	0.136	ID	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	0.471	ID	ID	ID	ID	ID
Median	ID	ID	ID	ID	0.010	ID	ID	ID	ID	ID

Notes:

Short: Most recent 8 samples.

Long: Most recent 50 samples.

ID: Insufficient Data (fewer than 3 samples).

ND: Not detected at laboratory MDL (Method Detection Limit).

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location / Time Interval		Shallow Aquifer			
		MW-18		MW-26	
		Long	Short	Long	Short
pH (Field), pH Units					
	No. of Analyses	133	8	20	8
	No. of Detections	133	8	20	8
	Minimum	5.44	5.44	5.11	5.11
	Maximum	8.44	6.05	7.24	5.91
	Mean	6.441	5.839	5.755	5.665
	Standard Deviation	0.559	0.213	0.423	0.261
	Median	6.410	5.895	5.765	5.785
Specific Conductance, µmhos/cm					
	No. of Analyses	136	8	20	8
	No. of Detections	136	8	20	8
	Minimum	40	46.5	35.2	35.2
	Maximum	450	56.6	58.6	58.6
	Mean	83.099	50.413	47.645	50.600
	Standard Deviation	74.592	3.373	6.487	7.708
	Median	59.000	50.150	47.900	52.200
Total Dissolved Solids, mg/L					
	No. of Analyses	126	8	20	8
	No. of Detections	125	8	20	8
	Minimum	2	38	16	30
	Maximum	160	45.3	49.3	44.7
	Mean	47.011	41.862	35.280	37.337
	Standard Deviation	18.477	2.831	7.322	4.945
	Median	45.000	42.350	36.700	37.500
Total Organic Carbon, mg/L					
	No. of Analyses	137	8	20	8
	No. of Detections	41	1	19	7
	Minimum	0.52	0.84	0.53	0.53
	Maximum	64	0.84	1.09	1
	Mean	1.966	ID	0.651	0.645
	Standard Deviation	6.597	ID	0.187	0.225
	Median	0.500	ID	0.610	0.610
Alkalinity, Total (as CaCO3), mg/L					
	No. of Analyses	107	8	20	8
	No. of Detections	107	8	20	8
	Minimum	11	15.7	9.24	9.46
	Maximum	44	21.1	15.4	15
	Mean	22.554	18.188	11.871	11.607
	Standard Deviation	6.284	1.791	1.948	1.892
	Median	22.000	18.300	11.500	10.950
Chloride, mg/L					
	No. of Analyses	137	8	20	8
	No. of Detections	137	8	20	8
	Minimum	0.929	1.23	0.998	0.998
	Maximum	25	2.04	6.94	6.94
	Mean	2.727	1.564	3.152	4.026
	Standard Deviation	3.813	0.287	1.707	2.233
	Median	1.900	1.585	3.075	4.455
Nitrate as N, mg/L					
	No. of Analyses	137	8	20	8
	No. of Detections	104	8	20	8
	Minimum	0.01	0.013	0.236	0.236
	Maximum	3.3	0.113	1.44	1.44
	Mean	0.114	0.059	0.619	0.773
	Standard Deviation	0.322	0.042	0.290	0.380
	Median	0.050	0.052	0.599	0.736
Sulfate, mg/L					
	No. of Analyses	137	8	20	8
	No. of Detections	137	8	20	8
	Minimum	2	2.43	1.24	1.24
	Maximum	17	2.86	2.78	2.78
	Mean	3.763	2.717	1.956	2.009
	Standard Deviation	1.856	0.149	0.331	0.450
	Median	3.080	2.755	1.915	1.940
Arsenic, Total, µg/L					
	No. of Analyses	5	5	6	6
	No. of Detections	5	5	6	6
	Minimum	0.16	0.16	0.0679	0.0679
	Maximum	0.184	0.184	0.119	0.119
	Mean	0.177	0.177	0.088	0.088
	Standard Deviation	0.010	0.010	0.020	0.020
	Median	0.181	0.181	0.085	0.085

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location		Shallow Aquifer			
		MW-18		MW-26	
Time Interval		Long	Short	Long	Short
Arsenic, Dissolved, µg/L					
	No. of Analyses	136	8	20	8
	No. of Detections	73	8	20	8
	Minimum	0.152	0.156	0.0595	0.0595
	Maximum	3	0.174	0.0917	0.0751
	Mean	1.032	0.167	0.075	0.068
	Standard Deviation	0.872	0.006	0.009	0.007
	Median	0.500	0.168	0.075	0.069
Calcium, Total, mg/L					
	No. of Analyses	1	1	1	1
	No. of Detections	1	1	1	1
	Minimum	4.65	4.65	4.65	4.65
	Maximum	4.65	4.65	4.65	4.65
	Mean	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID
	Median	ID	ID	ID	ID
Calcium, Dissolved, mg/L					
	No. of Analyses	118	8	20	8
	No. of Detections	118	8	20	8
	Minimum	3.85	4.59	2.42	2.42
	Maximum	9.52	5.82	5.53	5.53
	Mean	5.662	5.199	4.163	4.305
	Standard Deviation	1.260	0.448	0.703	0.944
	Median	5.225	5.300	4.225	4.325
Iron, Total, mg/L					
	No. of Analyses	5	5	6	6
	No. of Detections	0	0	6	6
	Minimum	ND	ND	0.0187	0.0187
	Maximum	ND	ND	0.0833	0.0833
	Mean	ID	ID	0.038	0.038
	Standard Deviation	ID	ID	0.023	0.023
	Median	ID	ID	0.031	0.031
Iron, Dissolved, mg/L					
	No. of Analyses	137	8	20	8
	No. of Detections	106	1	2	0
	Minimum	0.014	0.0311	0.0109	ND
	Maximum	80.4	0.0311	0.0134	ND
	Mean	0.806	ID	ID	ID
	Standard Deviation	6.858	ID	ID	ID
	Median	0.150	ID	ID	ID
Magnesium, Total, mg/L					
	No. of Analyses	1	1	1	1
	No. of Detections	1	1	1	1
	Minimum	1.06	1.06	1.31	1.31
	Maximum	1.06	1.06	1.31	1.31
	Mean	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID
	Median	ID	ID	ID	ID
Magnesium, Dissolved, mg/L					
	No. of Analyses	118	8	20	8
	No. of Detections	118	8	20	8
	Minimum	0.11	0.945	0.567	0.567
	Maximum	1.9	1.23	1.32	1.32
	Mean	1.127	1.066	1.053	1.082
	Standard Deviation	0.243	0.099	0.184	0.239
	Median	1.090	1.065	1.080	1.120
Manganese, Total, µg/L					
	No. of Analyses	5	5	6	6
	No. of Detections	5	5	6	6
	Minimum	0.946	0.946	1.29	1.29
	Maximum	5.29	5.29	2.45	2.45
	Mean	2.297	2.297	1.828	1.828
	Standard Deviation	1.740	1.740	0.385	0.385
	Median	1.970	1.970	1.770	1.770
Manganese, Dissolved, µg/L					
	No. of Analyses	137	8	20	8
	No. of Detections	137	8	20	8
	Minimum	0.322	0.371	0.991	0.991
	Maximum	10500	0.93	2.42	1.86
	Mean	1285.084	0.602	1.531	1.273
	Standard Deviation	1734.432	0.227	0.418	0.276
	Median	940.000	0.543	1.415	1.255

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location	Shallow Aquifer			
	MW-18		MW-26	
Time Interval	Long	Short	Long	Short
Potassium, Total, mg/L				
No. of Analyses	1	1	1	1
No. of Detections	1	1	1	1
Minimum	0.539	0.539	0.454	0.454
Maximum	0.539	0.539	0.454	0.454
Mean	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID
Median	ID	ID	ID	ID
Potassium, Dissolved, mg/L				
No. of Analyses	118	8	20	8
No. of Detections	115	8	20	8
Minimum	0.45	0.566	0.37	0.37
Maximum	1.2	0.687	0.538	0.538
Mean	0.616	0.620	0.461	0.466
Standard Deviation	0.143	0.042	0.044	0.056
Median	0.598	0.610	0.460	0.468
Sodium, Total, mg/L				
No. of Analyses	1	1	1	1
No. of Detections	1	1	1	1
Minimum	3.17	3.17	3.38	3.38
Maximum	3.17	3.17	3.38	3.38
Mean	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID
Median	ID	ID	ID	ID
Sodium, Dissolved, mg/L				
No. of Analyses	118	8	20	8
No. of Detections	118	8	20	8
Minimum	2.5	2.81	2.46	3.07
Maximum	5.97	3.18	3.51	3.51
Mean	3.418	2.993	3.051	3.250
Standard Deviation	0.786	0.135	0.292	0.182
Median	3.100	2.985	3.080	3.205
Zinc, Total, mg/L				
No. of Analyses	5	5	6	6
No. of Detections	0	0	5	5
Minimum	ND	ND	0.000536	0.000536
Maximum	ND	ND	0.00145	0.00145
Mean	ID	ID	0.001	0.001
Standard Deviation	ID	ID	0.000	0.000
Median	ID	ID	0.001	0.001
Zinc, Dissolved, mg/L				
No. of Analyses	137	8	20	8
No. of Detections	28	1	18	6
Minimum	0.000573	0.00275	0.000525	0.000525
Maximum	0.17	0.00275	0.00222	0.00172
Mean	0.006	ID	0.001	0.001
Standard Deviation	0.020	ID	0.001	0.000
Median	0.002	ID	0.001	0.001
Benzene, µg/L				
No. of Analyses	137	8	20	8
No. of Detections	6	0	0	0
Minimum	0.2	ND	ND	ND
Maximum	2	ND	ND	ND
Mean	0.162	ID	ID	ID
Standard Deviation	0.212	ID	ID	ID
Median	0.100	ID	ID	ID
Chlorobenzene, µg/L				
No. of Analyses	137	8	20	8
No. of Detections	0	0	0	0
Minimum	ND	ND	ND	ND
Maximum	ND	ND	ND	ND
Mean	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID
Median	ID	ID	ID	ID
Cis-1,2-Dichloroethene, µg/L				
No. of Analyses	127	8	20	8
No. of Detections	23	0	0	0
Minimum	0.2	ND	ND	ND
Maximum	2	ND	ND	ND
Mean	0.216	ID	ID	ID
Standard Deviation	0.393	ID	ID	ID
Median	0.100	ID	ID	ID

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location / Time Interval	Shallow Aquifer			
	MW-18		MW-26	
	Long	Short	Long	Short
Dichlorodifluoromethane, µg/L				
No. of Analyses	83	8	20	8
No. of Detections	0	0	0	0
Minimum	ND	ND	ND	ND
Maximum	ND	ND	ND	ND
Mean	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID
Median	ID	ID	ID	ID
Vinyl Chloride, µg/L				
No. of Analyses	137	8	20	8
No. of Detections	0	0	0	0
Minimum	ND	ND	ND	ND
Maximum	ND	ND	ND	ND
Mean	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID
Median	ID	ID	ID	ID

Notes:

Short: Most recent 8 samples.

Long: Most recent 50 samples.

ID: Insufficient Data (fewer than 3 samples).

ND: Not detected at laboratory MDL (Method Detection Limit).

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location		Deep Aquifer					
		MW-3		MW-7		MW-25	
Time Interval		Long	Short	Long	Short	Long	Short
pH (Field), pH Units							
	No. of Analyses	146	8	145	8	92	8
	No. of Detections	146	8	145	8	92	8
	Minimum	5.76	6.96	5.78	7.22	6.72	7.3
	Maximum	8.17	7.48	8.36	8.04	8.37	7.89
	Mean	7.443	7.272	7.339	7.525	7.775	7.654
	Standard Deviation	0.353	0.170	0.365	0.315	0.298	0.189
	Median	7.500	7.305	7.400	7.385	7.810	7.685
Specific Conductance, µmhos/cm							
	No. of Analyses	151	8	148	8	92	8
	No. of Detections	151	8	148	8	92	8
	Minimum	87	156	190	252	78	111
	Maximum	330	164	576	267	263	116
	Mean	134.351	159.500	361.818	260.500	103.834	113.125
	Standard Deviation	25.428	2.928	92.055	4.598	19.637	1.642
	Median	130.000	160.000	321.000	260.000	103.000	113.000
Total Dissolved Solids, mg/L							
	No. of Analyses	139	8	137	8	92	8
	No. of Detections	139	8	137	8	92	8
	Minimum	16	98.7	64	154	25	73.3
	Maximum	111	106	350	165	100	86.7
	Mean	84.807	101.662	209.146	158.500	69.151	77.675
	Standard Deviation	16.464	2.579	55.676	3.464	12.782	4.486
	Median	86.000	101.500	186.000	158.500	71.500	76.350
Total Organic Carbon, mg/L							
	No. of Analyses	152	8	149	8	92	8
	No. of Detections	21	0	57	2	3	0
	Minimum	0.55	ND	0.57	0.63	0.51	ND
	Maximum	5.7	ND	78	0.83	0.85	ND
	Mean	0.680	ID	2.278	ID	0.431	ID
	Standard Deviation	0.783	ID	7.506	ID	0.123	ID
	Median	0.500	ID	0.500	ID	0.500	ID
Alkalinity, Total (as CaCO3), mg/L							
	No. of Analyses	120	8	117	8	92	8
	No. of Detections	120	8	117	8	92	8
	Minimum	41	71.6	100	121	35.6	48
	Maximum	74.1	74.1	280	128	97.9	50.3
	Mean	63.278	72.775	160.222	125.625	43.553	49.000
	Standard Deviation	6.740	0.810	37.646	2.446	6.654	0.709
	Median	64.050	72.750	150.000	126.000	42.800	48.950
Chloride, mg/L							
	No. of Analyses	152	8	149	8	92	8
	No. of Detections	152	8	149	8	92	8
	Minimum	1	3.9	1.97	1.98	2	3.39
	Maximum	5	4.37	18	2.44	5.65	3.69
	Mean	2.930	4.230	6.691	2.272	3.212	3.583
	Standard Deviation	0.742	0.150	4.471	0.148	0.641	0.107
	Median	3.000	4.270	5.230	2.285	3.430	3.595
Nitrate as N, mg/L							
	No. of Analyses	152	8	149	8	92	8
	No. of Detections	69	0	99	8	92	8
	Minimum	0.01	ND	0.01	0.012	0.159	0.159
	Maximum	1.09	ND	0.3	0.018	0.38	0.179
	Mean	0.039	ID	0.036	0.015	0.258	0.172
	Standard Deviation	0.098	ID	0.034	0.002	0.058	0.007
	Median	0.020	ID	0.026	0.015	0.257	0.172
Sulfate, mg/L							
	No. of Analyses	152	8	149	8	92	8
	No. of Detections	143	8	149	8	92	8
	Minimum	1.1	3.49	1.2	9	1.8	2.81
	Maximum	4.5	3.85	18	9.5	3.09	3.09
	Mean	2.620	3.676	9.492	9.235	2.379	2.982
	Standard Deviation	0.742	0.117	3.058	0.190	0.364	0.104
	Median	2.860	3.670	10.200	9.200	2.300	3.000
Arsenic, Total, µg/L							
	No. of Analyses	6	6	6	6	6	6
	No. of Detections	6	6	6	6	6	6
	Minimum	0.203	0.203	0.236	0.236	1.01	1.01
	Maximum	0.227	0.227	0.283	0.283	1.08	1.08
	Mean	0.213	0.213	0.256	0.256	1.047	1.047
	Standard Deviation	0.009	0.009	0.019	0.019	0.027	0.027
	Median	0.211	0.211	0.251	0.251	1.050	1.050

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location		Deep Aquifer					
		MW-3		MW-7		MW-25	
Time Interval		Long	Short	Long	Short	Long	Short
Arsenic, Dissolved, µg/L							
	No. of Analyses	152	8	149	8	92	8
	No. of Detections	33	8	37	8	89	8
	Minimum	0.202	0.203	0.198	0.235	1	1.02
	Maximum	1	0.218	7	0.326	1.6	1.09
	Mean	0.621	0.211	0.713	0.263	1.110	1.060
	Standard Deviation	0.582	0.006	0.858	0.032	0.164	0.028
	Median	0.500	0.213	0.500	0.246	1.100	1.055
Calcium, Total, mg/L							
	No. of Analyses	1	1	1	1	1	1
	No. of Detections	1	1	1	1	1	1
	Minimum	14.5	14.5	31	31	10.9	10.9
	Maximum	14.5	14.5	31	31	10.9	10.9
	Mean	ID	ID	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID	ID	ID
	Median	ID	ID	ID	ID	ID	ID
Calcium, Dissolved, mg/L							
	No. of Analyses	131	8	129	8	92	8
	No. of Detections	130	8	129	8	92	8
	Minimum	7.7	14.5	28.3	30.6	6.8	10.6
	Maximum	20	15.4	77.1	32.8	11.7	11.7
	Mean	11.826	14.875	43.426	31.550	9.418	11.075
	Standard Deviation	2.382	0.315	14.023	0.771	1.299	0.337
	Median	11.400	14.850	37.000	31.600	9.295	11.050
Iron, Total, mg/L							
	No. of Analyses	6	6	6	6	6	6
	No. of Detections	1	1	2	2	0	0
	Minimum	0.0104	0.0104	0.015	0.015	ND	ND
	Maximum	0.0104	0.0104	0.0301	0.0301	ND	ND
	Mean	ID	ID	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID	ID	ID
	Median	ID	ID	ID	ID	ID	ID
Iron, Dissolved, mg/L							
	No. of Analyses	152	8	149	8	92	8
	No. of Detections	63	1	69	0	28	0
	Minimum	0.005	0.0119	0.007	ND	0.011	ND
	Maximum	0.33	0.0119	0.73	ND	0.071	ND
	Mean	0.027	ID	0.056	ID	0.014	ID
	Standard Deviation	0.051	ID	0.085	ID	0.017	ID
	Median	0.006	ID	0.007	ID	0.005	ID
Magnesium, Total, mg/L							
	No. of Analyses	1	1	1	1	1	1
	No. of Detections	1	1	1	1	1	1
	Minimum	5.71	5.71	11.7	11.7	4.61	4.61
	Maximum	5.71	5.71	11.7	11.7	4.61	4.61
	Mean	ID	ID	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID	ID	ID
	Median	ID	ID	ID	ID	ID	ID
Magnesium, Dissolved, mg/L							
	No. of Analyses	131	8	129	8	92	8
	No. of Detections	131	8	129	8	92	8
	Minimum	0.026	5.56	10	10.3	2.6	3.89
	Maximum	6.4	6.01	23.7	11	4.53	4.53
	Mean	4.382	5.779	14.033	10.762	3.557	4.295
	Standard Deviation	0.922	0.167	3.967	0.239	0.542	0.212
	Median	4.330	5.770	12.000	10.800	3.490	4.305
Manganese, Total, µg/L							
	No. of Analyses	6	6	6	6	6	6
	No. of Detections	6	6	6	6	5	5
	Minimum	66.6	66.6	0.114	0.114	0.271	0.271
	Maximum	72.9	72.9	1.48	1.48	0.41	0.41
	Mean	70.033	70.033	0.577	0.577	0.291	0.291
	Standard Deviation	2.658	2.658	0.527	0.527	0.132	0.132
	Median	70.700	70.700	0.332	0.332	0.303	0.303
Manganese, Dissolved, µg/L							
	No. of Analyses	152	8	149	8	92	8
	No. of Detections	150	8	33	2	8	1
	Minimum	5	68.1	0.104	0.114	0.11	0.11
	Maximum	73.3	73.3	280	0.218	9	0.11
	Mean	46.487	70.800	5.105	ID	0.539	ID
	Standard Deviation	15.151	1.857	30.005	ID	1.077	ID
	Median	45.250	70.450	0.500	ID	0.500	ID

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location		Deep Aquifer					
		MW-3		MW-7		MW-25	
Time Interval		Long	Short	Long	Short	Long	Short
Potassium, Total, mg/L							
	No. of Analyses	1	1	1	1	1	1
	No. of Detections	1	1	1	1	1	1
	Minimum	0.827	0.827	1	1	0.517	0.517
	Maximum	0.827	0.827	1	1	0.517	0.517
	Mean	ID	ID	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID	ID	ID
	Median	ID	ID	ID	ID	ID	ID
Potassium, Dissolved, mg/L							
	No. of Analyses	131	8	129	8	92	8
	No. of Detections	130	8	129	8	92	8
	Minimum	0.35	0.785	0.7	0.938	0.38	0.528
	Maximum	1.2	0.847	1.8	1.04	0.62	0.58
	Mean	0.716	0.813	1.070	0.977	0.509	0.552
	Standard Deviation	0.129	0.021	0.177	0.034	0.053	0.018
	Median	0.710	0.808	1.000	0.975	0.518	0.550
Sodium, Total, mg/L							
	No. of Analyses	1	1	1	1	1	1
	No. of Detections	1	1	1	1	1	1
	Minimum	10.6	10.6	8.33	8.33	6.08	6.08
	Maximum	10.6	10.6	8.33	8.33	6.08	6.08
	Mean	ID	ID	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID	ID	ID
	Median	ID	ID	ID	ID	ID	ID
Sodium, Dissolved, mg/L							
	No. of Analyses	131	8	129	8	92	8
	No. of Detections	131	8	129	8	92	8
	Minimum	3.1	10.3	6.6	7.68	4.1	5.57
	Maximum	12	11.1	12	8.09	6.4	5.98
	Mean	9.052	10.775	8.609	7.970	5.084	5.794
	Standard Deviation	1.111	0.249	1.230	0.154	0.538	0.129
	Median	8.900	10.800	8.130	8.040	5.100	5.770
Zinc, Total, mg/L							
	No. of Analyses	6	6	6	6	6	6
	No. of Detections	0	0	0	0	0	0
	Minimum	ND	ND	ND	ND	ND	ND
	Maximum	ND	ND	ND	ND	ND	ND
	Mean	ID	ID	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID	ID	ID
	Median	ID	ID	ID	ID	ID	ID
Zinc, Dissolved, mg/L							
	No. of Analyses	152	8	149	8	92	8
	No. of Detections	15	1	29	0	8	1
	Minimum	0.000746	0.000746	0.000558	ND	0.000504	0.000504
	Maximum	0.027	0.000746	0.031	ND	0.052	0.000504
	Mean	0.003	ID	0.003	ID	0.002	ID
	Standard Deviation	0.003	ID	0.005	ID	0.005	ID
	Median	0.002	ID	0.002	ID	0.002	ID
Benzene, µg/L							
	No. of Analyses	152	8	150	8	92	8
	No. of Detections	0	0	0	0	0	0
	Minimum	ND	ND	ND	ND	ND	ND
	Maximum	ND	ND	ND	ND	ND	ND
	Mean	ID	ID	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID	ID	ID
	Median	ID	ID	ID	ID	ID	ID
Chlorobenzene, µg/L							
	No. of Analyses	152	8	150	8	92	8
	No. of Detections	0	0	0	0	0	0
	Minimum	ND	ND	ND	ND	ND	ND
	Maximum	ND	ND	ND	ND	ND	ND
	Mean	ID	ID	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID	ID	ID
	Median	ID	ID	ID	ID	ID	ID
Cis-1,2-Dichloroethene, µg/L							
	No. of Analyses	140	8	139	8	92	8
	No. of Detections	0	0	1	0	0	0
	Minimum	ND	ND	0.22	ND	ND	ND
	Maximum	ND	ND	0.22	ND	ND	ND
	Mean	ID	ID	ID	ID	ID	ID
	Standard Deviation	ID	ID	ID	ID	ID	ID
	Median	ID	ID	ID	ID	ID	ID

Table 2: Descriptive Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location / Time Interval	Deep Aquifer					
	MW-3		MW-7		MW-25	
	Long	Short	Long	Short	Long	Short
Dichlorodifluoromethane, µg/L						
No. of Analyses	94	8	93	8	67	8
No. of Detections	25	5	20	0	57	8
Minimum	0.116	0.119	0.23	ND	0.21	0.257
Maximum	0.5	0.167	1.5	ND	0.601	0.547
Mean	0.121	0.117	0.183	ID	0.330	0.370
Standard Deviation	0.071	0.035	0.233	ID	0.130	0.096
Median	0.100	0.123	0.100	ID	0.330	0.337
Vinyl Chloride, µg/L						
No. of Analyses	152	8	150	8	92	8
No. of Detections	0	0	1	0	0	0
Minimum	ND	ND	0.05	ND	ND	ND
Maximum	ND	ND	0.05	ND	ND	ND
Mean	ID	ID	ID	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	ID	ID
Median	ID	ID	ID	ID	ID	ID

Notes:

Short: Most recent 8 samples.

Long: Most recent 50 samples.

ID: Insufficient Data (fewer than 3 samples).

ND: Not detected at laboratory MDL (Method Detection Limit).

Table 3: Trend Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location	Shallow Aquifer									
	MW-1		MW-4		MW-6		MW-10		MW-11	
Time Interval	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short
pH (Field), pH Units										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8	50	8
Trend	D	--	D	--	D	--	D	--	D	--
S-value	-480	-3	-308	-4	-432	4	-429	6	-354	0
Probability	0.000	0.803	0.010	0.711	0.000	0.706	0.000	0.536	0.003	1.000
Significant	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Specific Conductance, µmhos/cm										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8	50	8
Trend	--	--	--	--	--	I	D	--	--	--
S-value	-162	6	-17	-8	-213	18	-500	-4	145	10
Probability	0.178	0.536	0.894	0.386	0.075	0.033	0.000	0.711	0.228	0.266
Significant	NO	NO	NO	NO	NO	YES	YES	NO	NO	NO
Total Dissolved Solids, mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8	50	8
Trend	--	--	--	--	D	I	D	--	--	--
S-value	-235	6	-30	-8	-333	19	-427	-5	48	5
Probability	0.050	0.536	0.808	0.379	0.005	0.025	0.000	0.618	0.694	0.618
Significant	NO	NO	NO	NO	YES	YES	YES	NO	NO	NO
Total Organic Carbon, mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	45	8	15	4	11	2	38	8	12	2
Trend	--	--	--	--	D	ID	--	--	D	ID
S-value	-8	-9	-85	7	-319	ID	-63	2	-268	ID
Probability	0.953	0.319	0.461	0.421	0.004	ID	0.602	0.902	0.018	ID
Significant	NO	NO	NO	NO	YES	ID	NO	NO	YES	ID
Alkalinity, Total (as CaCO3), mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8	50	8
Trend	D	I	D	--	D	--	D	--	--	--
S-value	-470	22	-297	12	-517	2	-616	-2	-24	4
Probability	0.000	0.009	0.013	0.174	0.000	0.902	0.000	0.902	0.847	0.711
Significant	YES	YES	YES	NO	YES	NO	YES	NO	NO	NO
Chloride, mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8	50	8
Trend	--	--	I	--	I	--	--	--	I	--
S-value	118	2	291	-8	462	16	151	0	561	6
Probability	0.328	0.902	0.015	0.386	0.000	0.063	0.210	1.000	0.000	0.536
Significant	NO	NO	YES	NO	YES	NO	NO	NO	YES	NO
Nitrate as N, mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	30	4	50	8	50	8	24	2	50	8
Trend	--	--	--	D	--	--	--	ID	--	--
S-value	-36	-12	170	-18	92	2	-187	ID	190	-2
Probability	0.762	0.144	0.157	0.035	0.446	0.902	0.092	ID	0.114	0.902
Significant	NO	NO	NO	YES	NO	NO	NO	ID	NO	NO
Sulfate, mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8	50	8
Trend	D	--	D	--	D	--	D	--	D	--
S-value	-521	10	-570	10	-536	-4	-410	1	-335	2
Probability	0.000	0.266	0.000	0.266	0.000	0.711	0.001	1.000	0.005	0.902
Significant	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Arsenic, Total, µg/L										
No. of Analyses	6	6	6	6	6	6	6	6	6	6
No. of Detections	6	6	6	6	6	6	6	6	6	6
Trend	--	--	--	--	--	--	--	--	--	--
S-value	1	1	1	1	6	6	-3	-3	1	1
Probability	1.000	1.000	1.000	1.000	0.339	0.339	0.707	0.707	1.000	1.000
Significant	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Arsenic, Dissolved, µg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	29	8	6	2	30	8	50	8	30	8
Trend	D	--	D	ID	D	--	D	--	D	--
S-value	-565	-2	-523	ID	-538	6	-877	-16	-546	0
Probability	0.000	0.902	0.000	ID	0.000	0.536	0.000	0.063	0.000	1.000
Significant	YES	NO	YES	ID	YES	NO	YES	NO	YES	NO
Calcium, Total, mg/L										
No. of Analyses	1	1	1	1	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1	1	1	1	1
Trend	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID

Table 3: Trend Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location / Time Interval	Shallow Aquifer									
	MW-1		MW-4		MW-6		MW-10		MW-11	
	Long	Short	Long	Short	Long	Short	Long	Short	Long	Short
Calcium, Dissolved, mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8	50	8
Trend	--	--	--	D	I	--	D	--	--	--
S-value	-6	6	125	-17	312	6	-529	-2	206	6
Probability	0.967	0.536	0.300	0.046	0.009	0.530	0.000	0.902	0.086	0.536
Significant	NO	NO	NO	YES	YES	NO	YES	NO	NO	NO
Iron, Total, mg/L										
No. of Analyses	6	6	6	6	6	6	6	6	6	6
No. of Detections	6	6	6	6	6	6	6	6	0	0
Trend	--	--	--	--	--	--	--	--	ID	ID
S-value	1	1	1	1	1	1	1	1	ID	ID
Probability	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	ID	ID
Significant	NO	NO	NO	NO	NO	NO	NO	NO	ID	ID
Iron, Dissolved, mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	40	3	2	1	1	0	50	8	1	0
Trend	D	--	ID	ID	ID	ID	--	--	ID	ID
S-value	-407	2	ID	ID	ID	ID	-155	-6	ID	ID
Probability	0.001	0.886	ID	ID	ID	ID	0.198	0.536	ID	ID
Significant	YES	NO	ID	ID	ID	ID	NO	NO	ID	ID
Magnesium, Total, mg/L										
No. of Analyses	1	1	1	1	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1	1	1	1	1
Trend	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Magnesium, Dissolved, mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8	50	8
Trend	--	--	I	--	I	--	D	--	--	--
S-value	235	0	238	2	342	12	-330	2	219	8
Probability	0.050	1.000	0.047	0.902	0.004	0.174	0.006	0.902	0.068	0.386
Significant	NO	NO	YES	NO	YES	NO	YES	NO	NO	NO
Manganese, Total, µg/L										
No. of Analyses	6	6	6	6	6	6	6	6	6	6
No. of Detections	6	6	6	6	6	6	6	6	6	6
Trend	--	--	--	--	--	--	--	--	--	--
S-value	1	1	1	1	-7	-7	-1	-1	-9	-9
Probability	1.000	1.000	1.000	1.000	0.260	0.260	1.000	1.000	0.133	0.133
Significant	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Manganese, Dissolved, µg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	31	8	37	8	50	8	27	7
Trend	D	--	D	--	--	--	D	--	D	--
S-value	-263	10	-617	-6	-164	-16	-849	-10	-617	4
Probability	0.028	0.266	0.000	0.536	0.169	0.063	0.000	0.258	0.000	0.711
Significant	YES	NO	YES	NO	NO	NO	YES	NO	YES	NO
Potassium, Total, mg/L										
No. of Analyses	1	1	1	1	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1	1	1	1	1
Trend	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Potassium, Dissolved, mg/L										
No. of Analyses	50	8	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8	50	8
Trend	D	--	--	--	I	--	D	--	I	--
S-value	-366	11	-181	-2	321	10	-762	-11	346	12
Probability	0.002	0.212	0.132	0.902	0.007	0.266	0.000	0.212	0.004	0.174
Significant	YES	NO	NO	NO	YES	NO	YES	NO	YES	NO
Sodium, Total, mg/L										
No. of Analyses	1	1	1	1	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1	1	1	1	1
Trend	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID

Table 3: Trend Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location		Shallow Aquifer									
		MW-1		MW-4		MW-6		MW-10		MW-11	
Time Interval		Long	Short	Long	Short	Long	Short	Long	Short	Long	Short
Sodium, Dissolved, mg/L											
	No. of Analyses	50	8	50	8	50	8	50	8	50	8
	No. of Detections	50	8	50	8	50	8	50	8	50	8
	Trend	--	--	--	--	I	I	I	--	I	--
	S-value	136	12	185	-15	593	20	320	0	445	14
	Probability	0.259	0.174	0.124	0.081	0.000	0.019	0.008	1.000	0.000	0.108
	Significant	NO	NO	NO	NO	YES	YES	YES	NO	YES	NO
Zinc, Total, mg/L											
	No. of Analyses	6	6	6	6	6	6	6	6	6	6
	No. of Detections	3	3	0	0	1	1	6	6	0	0
	Trend	--	--	ID	ID	ID	ID	--	--	ID	ID
	S-value	0	0	ID	ID	ID	ID	-1	-1	ID	ID
	Probability	1.000	1.000	ID	ID	ID	ID	1.000	1.000	ID	ID
	Significant	NO	NO	ID	ID	ID	ID	NO	NO	ID	ID
Zinc, Dissolved, mg/L											
	No. of Analyses	50	8	50	8	50	8	50	8	50	8
	No. of Detections	17	2	7	1	14	0	30	8	6	0
	Trend	D	ID	D	ID	D	ID	D	--	D	ID
	S-value	-673	ID	-586	ID	-722	ID	-587	0	-588	ID
	Probability	0.000	ID	0.000	ID	0.000	ID	0.000	1.000	0.000	ID
	Significant	YES	ID	YES	ID	YES	ID	YES	NO	YES	ID
Benzene, µg/L											
	No. of Analyses	50	8	50	8	50	8	50	8	50	8
	No. of Detections	0	0	0	0	0	0	0	0	0	0
	Trend	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	S-value	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Probability	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Significant	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Chlorobenzene, µg/L											
	No. of Analyses	50	8	50	8	50	8	50	8	50	8
	No. of Detections	0	0	0	0	0	0	0	0	0	0
	Trend	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	S-value	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Probability	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Significant	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Cis-1,2-Dichloroethene, µg/L											
	No. of Analyses	50	8	50	8	50	8	50	8	50	8
	No. of Detections	0	0	0	0	0	0	0	0	0	0
	Trend	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	S-value	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Probability	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Significant	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Dichlorodifluoromethane, µg/L[a]											
	No. of Analyses	50	8	50	8	50	8	50	8	50	8
	No. of Detections	0	0	0	0	0	0	0	0	0	0
	Trend	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	S-value	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Probability	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Significant	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
Vinyl Chloride, µg/L											
	No. of Analyses	50	8	50	8	50	8	50	8	50	8
	No. of Detections	2	0	0	0	0	0	0	0	0	0
	Trend	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	S-value	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Probability	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID
	Significant	ID	ID	ID	ID	ID	ID	ID	ID	ID	ID

Notes:

Short: Most recent 8 samples.

Long: Most recent 50 samples.

D: Decreasing trend.

I: Increasing trend.

--: No significant trend.

ID: Insufficient Data (fewer than 3 samples).

Probability: Probability of seeing these observations given the null hypothesis of no trend (i.e. p-value).

Significant: YES if trend is significant (probability less than 0.05).

[a] Trend analysis biased by changes in MDL over the long sample period for this analyte (only relevant if there are multiple non-detections).

Table 3: Trend Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location	Shallow Aquifer			
	MW-18		MW-26	
Time Interval	Long	Short	Long	Short
pH (Field), pH Units				
No. of Analyses	50	8	20	8
No. of Detections	50	8	20	8
Trend	--	--	--	--
S-value	-11	-11	-17	5
Probability	0.933	0.212	0.603	0.618
Significant	NO	NO	NO	NO
Specific Conductance, µmhos/cm				
No. of Analyses	50	8	20	8
No. of Detections	50	8	20	8
Trend	D	--	--	D
S-value	-578	12	26	-20
Probability	0.000	0.174	0.417	0.019
Significant	YES	NO	NO	YES
Total Dissolved Solids, mg/L				
No. of Analyses	50	8	20	8
No. of Detections	50	8	20	8
Trend	D	--	--	D
S-value	-324	5	-6	-20
Probability	0.007	0.618	0.871	0.019
Significant	YES	NO	NO	YES
Total Organic Carbon, mg/L				
No. of Analyses	50	8	20	8
No. of Detections	12	1	19	7
Trend	D	ID	--	--
S-value	-299	ID	19	-2
Probability	0.007	ID	0.558	0.902
Significant	YES	ID	NO	NO
Alkalinity, Total (as CaCO3), mg/L				
No. of Analyses	50	8	20	8
No. of Detections	50	8	20	8
Trend	D	--	--	--
S-value	-462	7	-14	-6
Probability	0.000	0.454	0.673	0.536
Significant	YES	NO	NO	NO
Chloride, mg/L				
No. of Analyses	50	8	20	8
No. of Detections	50	8	20	8
Trend	--	--	--	--
S-value	-16	8	48	-14
Probability	0.900	0.386	0.127	0.108
Significant	NO	NO	NO	NO
Nitrate as N, mg/L				
No. of Analyses	50	8	20	8
No. of Detections	50	8	20	8
Trend	--	--	--	D
S-value	-33	-1	9	-22
Probability	0.789	1.000	0.795	0.009
Significant	NO	NO	NO	YES
Sulfate, mg/L				
No. of Analyses	50	8	20	8
No. of Detections	50	8	20	8
Trend	D	--	--	I
S-value	-467	5	29	20
Probability	0.000	0.618	0.363	0.019
Significant	YES	NO	NO	YES
Arsenic, Total, µg/L				
No. of Analyses	5	5	6	6
No. of Detections	5	5	6	6
Trend	--	--	--	--
S-value	4	4	5	5
Probability	0.462	0.462	0.452	0.452
Significant	NO	NO	NO	NO
Arsenic, Dissolved, µg/L				
No. of Analyses	50	8	20	8
No. of Detections	23	8	20	8
Trend	D	--	D	--
S-value	-549	-2	-67	-6
Probability	0.000	0.902	0.032	0.536
Significant	YES	NO	YES	NO
Calcium, Total, mg/L				
No. of Analyses	1	1	1	1
No. of Detections	1	1	1	1
Trend	ID	ID	ID	ID
S-value	ID	ID	ID	ID
Probability	ID	ID	ID	ID
Significant	ID	ID	ID	ID

Table 3: Trend Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location / Time Interval		Shallow Aquifer			
		MW-18		MW-26	
		Long	Short	Long	Short
Calcium, Dissolved, mg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	50	8	20	8
	Trend	--	--	--	D
	S-value	-83	4	16	-18
	Probability	0.493	0.711	0.626	0.035
	Significant	NO	NO	NO	YES
Iron, Total, mg/L					
	No. of Analyses	5	5	6	6
	No. of Detections	0	0	6	6
	Trend	ID	ID	--	--
	S-value	ID	ID	7	7
	Probability	ID	ID	0.260	0.260
	Significant	ID	ID	NO	NO
Iron, Dissolved, mg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	19	1	2	0
	Trend	D	ID	ID	ID
	S-value	-603	ID	ID	ID
	Probability	0.000	ID	ID	ID
	Significant	YES	ID	ID	ID
Magnesium, Total, mg/L					
	No. of Analyses	1	1	1	1
	No. of Detections	1	1	1	1
	Trend	ID	ID	ID	ID
	S-value	ID	ID	ID	ID
	Probability	ID	ID	ID	ID
	Significant	ID	ID	ID	ID
Magnesium, Dissolved, mg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	50	8	20	8
	Trend	--	--	--	D
	S-value	-62	13	11	-18
	Probability	0.610	0.135	0.745	0.035
	Significant	NO	NO	NO	YES
Manganese, Total, µg/L					
	No. of Analyses	5	5	6	6
	No. of Detections	5	5	6	6
	Trend	--	--	--	--
	S-value	-4	-4	5	5
	Probability	0.462	0.462	0.452	0.452
	Significant	NO	NO	NO	NO
Manganese, Dissolved, µg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	50	8	20	8
	Trend	D	--	D	--
	S-value	-1046	-6	-115	-16
	Probability	0.000	0.536	0.000	0.063
	Significant	YES	NO	YES	NO
Potassium, Total, mg/L					
	No. of Analyses	1	1	1	1
	No. of Detections	1	1	1	1
	Trend	ID	ID	ID	ID
	S-value	ID	ID	ID	ID
	Probability	ID	ID	ID	ID
	Significant	ID	ID	ID	ID
Potassium, Dissolved, mg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	50	8	20	8
	Trend	--	--	--	--
	S-value	156	0	-1	-15
	Probability	0.195	1.000	1.000	0.081
	Significant	NO	NO	NO	NO
Sodium, Total, mg/L					
	No. of Analyses	1	1	1	1
	No. of Detections	1	1	1	1
	Trend	ID	ID	ID	ID
	S-value	ID	ID	ID	ID
	Probability	ID	ID	ID	ID
	Significant	ID	ID	ID	ID

Table 3: Trend Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location / Time Interval		Shallow Aquifer			
		MW-18		MW-26	
		Long	Short	Long	Short
Sodium, Dissolved, mg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	50	8	20	8
	Trend	--	--	I	--
	S-value	-127	4	62	-7
	Probability	0.291	0.711	0.048	0.454
	Significant	NO	NO	YES	NO
Zinc, Total, mg/L					
	No. of Analyses	5	5	6	6
	No. of Detections	0	0	5	5
	Trend	ID	ID	--	--
	S-value	ID	ID	9	9
	Probability	ID	ID	0.133	0.133
	Significant	ID	ID	NO	NO
Zinc, Dissolved, mg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	6	1	18	6
	Trend	D	ID	--	--
	S-value	-494	ID	-33	-5
	Probability	0.000	ID	0.299	0.618
	Significant	YES	ID	NO	NO
Benzene, µg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	0	0	0	0
	Trend	ID	ID	ID	ID
	S-value	ID	ID	ID	ID
	Probability	ID	ID	ID	ID
	Significant	ID	ID	ID	ID
Chlorobenzene, µg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	0	0	0	0
	Trend	ID	ID	ID	ID
	S-value	ID	ID	ID	ID
	Probability	ID	ID	ID	ID
	Significant	ID	ID	ID	ID
Cis-1,2-Dichloroethene, µg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	0	0	0	0
	Trend	ID	ID	ID	ID
	S-value	ID	ID	ID	ID
	Probability	ID	ID	ID	ID
	Significant	ID	ID	ID	ID
Dichlorodifluoromethane, µg/L[a]					
	No. of Analyses	50	8	20	8
	No. of Detections	0	0	0	0
	Trend	ID	ID	ID	ID
	S-value	ID	ID	ID	ID
	Probability	ID	ID	ID	ID
	Significant	ID	ID	ID	ID
Vinyl Chloride, µg/L					
	No. of Analyses	50	8	20	8
	No. of Detections	0	0	0	0
	Trend	ID	ID	ID	ID
	S-value	ID	ID	ID	ID
	Probability	ID	ID	ID	ID
	Significant	ID	ID	ID	ID

Notes:

Short: Most recent 8 samples.

Long: Most recent 50 samples.

D: Decreasing trend.

I: Increasing trend.

--: No significant trend.

ID: Insufficient Data (fewer than 3 samples).

Probability: Probability of seeing these observations given the null hypothesis of no trend (i.e. p-value).

Significant: YES if trend is significant (probability less than 0.05).

[a] Trend analysis biased by changes in MDL over the long sample period for this analyte (only relevant if there are multiple non-detections).

Table 3: Trend Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location	Deep Aquifer					
	MW-3		MW-7		MW-25	
Time Interval	Long	Short	Long	Short	Long	Short
pH (Field), pH Units						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	D	--	--	--	--	D
S-value	-386	-2	-115	-7	-155	-20
Probability	0.001	0.902	0.340	0.454	0.197	0.019
Significant	YES	NO	NO	NO	NO	YES
Specific Conductance, µmhos/cm						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	I	D	--	I	I
S-value	583	20	-896	16	671	19
Probability	0.000	0.017	0.000	0.059	0.000	0.020
Significant	YES	YES	YES	NO	YES	YES
Total Dissolved Solids, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	D	--	I	--
S-value	323	13	-829	13	271	5
Probability	0.007	0.135	0.000	0.135	0.024	0.618
Significant	YES	NO	YES	NO	YES	NO
Total Organic Carbon, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	2	0	9	2	3	0
Trend	ID	ID	D	ID	D	ID
S-value	ID	ID	-501	ID	-523	ID
Probability	ID	ID	0.000	ID	0.000	ID
Significant	ID	ID	YES	ID	YES	ID
Alkalinity, Total (as CaCO3), mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	D	--	I	--
S-value	667	11	-889	6	814	14
Probability	0.000	0.212	0.000	0.521	0.000	0.108
Significant	YES	NO	YES	NO	YES	NO
Chloride, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	D	I	D	--
S-value	981	14	-727	24	-485	9
Probability	0.000	0.102	0.000	0.004	0.000	0.319
Significant	YES	NO	YES	YES	YES	NO
Nitrate as N, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	15	0	50	8	50	8
Trend	D	ID	D	--	D	--
S-value	-516	ID	-810	13	-1016	-11
Probability	0.000	ID	0.000	0.126	0.000	0.212
Significant	YES	ID	YES	NO	YES	NO
Sulfate, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	D	--	I	--
S-value	842	12	-892	6	913	14
Probability	0.000	0.174	0.000	0.536	0.000	0.108
Significant	YES	NO	YES	NO	YES	NO
Arsenic, Total, µg/L						
No. of Analyses	6	6	6	6	6	6
No. of Detections	6	6	6	6	6	6
Trend	--	--	--	--	--	--
S-value	11	11	-1	-1	4	4
Probability	0.060	0.060	1.000	1.000	0.566	0.566
Significant	NO	NO	NO	NO	NO	NO
Arsenic, Dissolved, µg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	30	8	30	8	50	8
Trend	D	--	D	--	D	--
S-value	-549	0	-557	-12	-276	-6
Probability	0.000	1.000	0.000	0.174	0.021	0.521
Significant	YES	NO	YES	NO	YES	NO
Calcium, Total, mg/L						
No. of Analyses	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID

Table 3: Trend Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location	Deep Aquifer					
	MW-3		MW-7		MW-25	
Time Interval	Long	Short	Long	Short	Long	Short
Calcium, Dissolved, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	D	--	I	--
S-value	771	4	-448	13	867	12
Probability	0.000	0.706	0.000	0.135	0.000	0.174
Significant	YES	NO	YES	NO	YES	NO
Iron, Total, mg/L						
No. of Analyses	6	6	6	6	6	6
No. of Detections	1	1	2	2	0	0
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID
Iron, Dissolved, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	4	1	1	0	0	0
Trend	--	ID	ID	ID	ID	ID
S-value	86	ID	ID	ID	ID	ID
Probability	0.129	ID	ID	ID	ID	ID
Significant	NO	ID	ID	ID	ID	ID
Magnesium, Total, mg/L						
No. of Analyses	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID
Magnesium, Dissolved, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	D	--	I	--
S-value	887	4	-411	15	831	9
Probability	0.000	0.711	0.001	0.076	0.000	0.319
Significant	YES	NO	YES	NO	YES	NO
Manganese, Total, µg/L						
No. of Analyses	6	6	6	6	6	6
No. of Detections	6	6	6	6	5	5
Trend	--	--	--	--	--	--
S-value	9	9	-1	-1	9	9
Probability	0.133	0.133	1.000	1.000	0.133	0.133
Significant	NO	NO	NO	NO	NO	NO
Manganese, Dissolved, µg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	10	2	3	1
Trend	I	--	D	ID	D	ID
S-value	835	16	-551	ID	-580	ID
Probability	0.000	0.063	0.000	ID	0.000	ID
Significant	YES	NO	YES	ID	YES	ID
Potassium, Total, mg/L						
No. of Analyses	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID
Potassium, Dissolved, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	--	I	I	--
S-value	570	12	139	17	539	10
Probability	0.000	0.174	0.248	0.046	0.000	0.266
Significant	YES	NO	NO	YES	YES	NO
Sodium, Total, mg/L						
No. of Analyses	1	1	1	1	1	1
No. of Detections	1	1	1	1	1	1
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID

Table 3: Trend Statistical Analyses for Groundwater Well Samples
1986 through September 2024

Well Location	Deep Aquifer					
	MW-3		MW-7		MW-25	
Time Interval	Long	Short	Long	Short	Long	Short
Sodium, Dissolved, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	--	--	I	--
S-value	734	5	91	13	707	15
Probability	0.000	0.618	0.451	0.135	0.000	0.081
Significant	YES	NO	NO	NO	YES	NO
Zinc, Total, mg/L						
No. of Analyses	6	6	6	6	6	6
No. of Detections	0	0	0	0	0	0
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID
Zinc, Dissolved, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	2	1	4	0	5	1
Trend	ID	ID	D	ID	D	ID
S-value	ID	ID	-570	ID	-581	ID
Probability	ID	ID	0.000	ID	0.000	ID
Significant	ID	ID	YES	ID	YES	ID
Benzene, µg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	0	0	0	0	0	0
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID
Chlorobenzene, µg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	0	0	0	0	0	0
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID
Cis-1,2-Dichloroethene, µg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	0	0	0	0	0	0
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID
Dichlorodifluoromethane, µg/L[a]						
No. of Analyses	50	8	50	8	50	8
No. of Detections	16	5	0	0	48	8
Trend	--	--	ID	ID	--	--
S-value	-101	-7	ID	ID	55	2
Probability	0.382	0.454	ID	ID	0.651	0.902
Significant	NO	NO	ID	ID	NO	NO
Vinyl Chloride, µg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	0	0	0	0	0	0
Trend	ID	ID	ID	ID	ID	ID
S-value	ID	ID	ID	ID	ID	ID
Probability	ID	ID	ID	ID	ID	ID
Significant	ID	ID	ID	ID	ID	ID

Notes:

Short: Most recent 8 samples.

Long: Most recent 50 samples.

D: Decreasing trend.

I: Increasing trend.

--: No significant trend.

ID: Insufficient Data (fewer than 3 samples).

Probability: Probability of seeing these observations given the null hypothesis of no trend (i.e. p-value).

Significant: YES if trend is significant (probability less than 0.05).

[a] Trend analysis biased by changes in MDL over the long sample period for this analyte (only relevant if there are multiple non-detections).

APPENDIX A

Groundwater Data

Laboratory Qualifier Descriptions
Static Water Levels - Initial
Static Water Levels - Secondary
Field Parameters
Conventional Parameters
Dissolved and Total Metals
Volatile Organic Compounds
VOC Trip Blanks

KING COUNTY SOLID WASTE DIVISION
QUALIFIER INFORMATION
(Effective 8/27/2015)

QUAL	QUALIFIER DESCRIPTION
U	Undetected; Analyte Concentration Less than Method Detection Limit (< MDL)
T	Estimated; Less than Reporting Detection Limit (<RDL) but Greater than Method Detection Limit (> MDL)
J	Reported Value is an Estimate
B	Matrix Target Analyte Present in Blank, AND, Sample Result Less than or Equal to 10x Blank Detection
C	Confluent Growth
E	Estimated; Outside Expected Accuracy
H	Exceeds Holding Time
R	Data Rejected
S	Sample Handling Errors
X	Too Numerous to Count
D	Re-analysis Due to Dilution
P	PASS – Qualitative Result Acceptable
F	FAIL – Qualitative Result is not Acceptable
G	Estimated with Low Bias (Coliform; BOD; All Other Chemistry Parameters)
L	Estimated with High Bias (BOD; All Other Chemistry Parameters)

Table A-1
Groundwater - Synoptic Static Water Levels – Initial Measurement

Well	Measurement Date	Top of PVC Casing Elevation (feet)	Groundwater Elevation (ft MSL)	Depth to Groundwater (feet)
MW-1	2023-11-17	638.79	626.53	12.26
MW-1	2024-02-16	638.79	628.49	10.30
MW-1	2024-05-23	638.79	626.22	12.57
MW-1	2024-08-16	638.79	624.96	13.83
MW-4	2023-11-17	647.85	626.43	21.42
MW-4	2024-02-16	647.85	628.26	19.59
MW-4	2024-05-23	647.85	625.42	22.43
MW-4	2024-08-16	647.85	624.14	23.71
MW-6	2023-11-17	634.99	626.45	8.54
MW-6	2024-02-16	634.99	630.48	4.51
MW-6	2024-05-23	634.99	626.84	8.15
MW-6	2024-08-16	634.99	625.20	9.79
MW-10	2023-11-17	635.96	626.27	9.69
MW-10	2024-02-22	635.96	627.71	8.25
MW-10	2024-05-23	635.96	625.74	10.22
MW-10	2024-08-16	635.96	624.46	11.50
MW-11	2023-11-17	655.04	626.78	28.26
MW-11	2024-02-22	655.04	630.94	24.10
MW-11	2024-05-23	655.04	625.65	29.39
MW-11	2024-08-16	655.04	623.46	31.58
MW-16	2023-11-17	638.51	628.91	9.60
MW-16	2024-02-22	638.51	635.36	3.15
MW-16	2024-05-23	638.51	630.43	8.08
MW-16	2024-08-16	638.51	628.77	9.74
MW-18	2023-11-17	642.35	626.13	16.22
MW-18	2024-02-22	642.35	627.38	14.97

Well	Measurement Date	Top of PVC Casing Elevation (feet)	Groundwater Elevation (ft MSL)	Depth to Groundwater (feet)
MW-18	2024-05-23	642.35	DRY	DRY
MW-18	2024-08-16	642.35	624.50	17.85
MW-21	2023-11-17	648.80	626.20	22.60
MW-21	2024-02-22	648.80	627.60	21.20
MW-21	2024-05-23	648.80	625.43	23.37
MW-21	2024-08-16	648.80	624.42	24.38
MW-22	2023-11-17	642.16	626.28	15.88
MW-22	2024-02-22	642.16	627.77	14.39
MW-22	2024-05-23	642.16	625.86	16.30
MW-22	2024-08-16	642.16	624.76	17.40
MW-26	2023-11-17	650.00	626.55	23.45
MW-26	2024-02-22	650.00	629.06	20.94
MW-26	2024-05-23	650.00	625.46	24.54
MW-26	2024-08-16	650.00	624.04	25.96
MW-27	2023-11-17	650.36	629.96	20.40
MW-27	2024-02-22	650.36	633.00	17.36
MW-27	2024-05-23	650.36	628.90	21.46
MW-27	2024-08-16	650.36	622.85	27.51
MW-3	2023-11-17	647.58	500.90	146.68
MW-3	2024-02-16	647.58	506.60	140.98
MW-3	2024-05-23	647.58	505.65	141.93
MW-3	2024-08-16	647.58	503.54	144.04
MW-7	2023-11-17	637.43	511.22	126.21
MW-7	2024-02-16	637.43	515.71	121.72
MW-7	2024-05-23	637.43	514.73	122.70
MW-7	2024-08-16	637.43	512.52	124.91
MW-25	2023-11-17	656.18	539.41	116.77
MW-25	2024-02-22	656.18	541.36	114.82

Well	Measurement Date	Top of PVC Casing Elevation (feet)	Groundwater Elevation (ft MSL)	Depth to Groundwater (feet)
MW-25	2024-05-23	656.18	541.63	114.55
MW-25	2024-08-16	656.18	540.01	116.17

Table A-2
Groundwater - Synoptic Static Water Levels –
Second Measurement Prior to Well Sampling

Well	Measurement Date	Top of PVC Casing Elevation (feet)	Groundwater Elevation (ft MSL)	Depth to Groundwater (feet)
MW-1	2023-11-21	638.79	626.29d	12.50
MW-1	2024-02-21	638.79	628.15	10.64
MW-1	2024-05-23	638.79	626.17	12.62
MW-1	2024-08-19	638.79	624.93	13.86
MW-4	2023-11-27	647.85	625.73	22.12
MW-4	2024-02-21	647.85	627.73	20.12
MW-4	2024-05-23	647.85	625.42	22.43
MW-4	2024-08-19	647.85	624.11	23.74
MW-6	2023-11-28	634.99	626.14	8.85
MW-6	2024-02-22	634.99	629.96	5.03
MW-6	2024-05-30	634.99	626.68	8.31
MW-6	2024-08-19	634.99	625.17	9.82
MW-10	2023-11-21	635.96	626.04	9.92
MW-10	2024-02-22	635.96	627.41	8.55
MW-10	2024-05-28	635.96	625.67	10.29
MW-10	2024-08-19	635.96	624.60	11.36
MW-11	2024-02-22	655.04	629.74	25.30
MW-11	2024-05-28	655.04	625.60	29.44
MW-11	2024-08-20	655.04	623.36	31.68
MW-18	2024-02-22	642.35	627.10	15.25
MW-18	2024-05-28	642.35	625.39	16.96
MW-26	2023-11-27	650.00	625.88	24.12
MW-26	2024-02-22	650.00	628.24	21.76
MW-26	2024-05-30	650.00	625.36	24.64
MW-26	2024-08-21	650.00	624.02	25.98

Well	Measurement Date	Top of PVC Casing Elevation (feet)	Groundwater Elevation (ft MSL)	Depth to Groundwater (feet)
MW-3	2023-11-27	647.58	502.99	144.59
MW-3	2024-02-21	647.58	506.73	140.85
MW-3	2024-05-23	647.58	505.65	141.93
MW-3	2024-08-19	647.58	503.48	144.10
MW-7	2023-11-21	637.43	511.13	126.30
MW-7	2024-02-21	637.43	516.03	121.40
MW-7	2024-05-23	637.43	514.70	122.73
MW-7	2024-08-19	637.43	512.46	124.97
MW-25	2023-11-21	656.18	539.31	116.87
MW-25	2024-02-22	656.18	541.34	114.84
MW-25	2024-05-28	656.18	541.65	114.53
MW-25	2024-08-20	656.18	539.97	116.21

Table A-3
Groundwater – Field Parameters

Well	Sample Date	Sample ID	Dissolved Oxygen, Field	ORP, Field	pH, Field	Specific Conductance, Field	Temperature, Field	Turbidity, Field	Volume Purged, Field
			mg/L	mV	pH units	µmhos/cm	deg C	NTU	gal
MW-1	2023-11-21	WH1-231121-	2.7	335.9	5.8	63	11.707	3.08	4
MW-1	2024-02-21	WH1-240221-	0.67	233.9	5.93	82.9	8.225	11.4	3.5
MW-1	2024-05-23	WH1-240523-	0.11	237.6	5.61	62.8	9.7	5.3	2.5
MW-1	2024-08-19	WH1-240819-	0.11	185.5	5.91	80.6	11.504	3.61	2
MW-4	2023-11-27	WH4-231127-	9.27	390.6	5.76	45.1	10.182	2.12	5
MW-4	2023-11-27	WH4-231127D	9.27	390.6	5.76	45.1	10.182	2.12	5
MW-4	2024-02-21	WH4-240221-	10.11	471.8	5.21	43.6	8.729	5.7	3.25
MW-4	2024-05-23	WH4-240523-	8.91	245.2	5.67	43	9.261	9.13	1.52
MW-4	2024-08-19	WH4-240819-	5.33	265.4	5.19	39.3	10.6	3.06	1.75
MW-6	2023-11-28	WH6-231128-	1.77	344.5	6.36	102.6	9.121	0.72	4
MW-6	2024-02-22	WH6-240222-	3.91	316.4	6.75	108.8	9.108	0.45	1.5
MW-6	2024-05-30	WH6-240530-	3.22	211.7	6.81	102.2	9.668	0.67	1.75
MW-6	2024-08-19	WH6-240819-	2.55	214.2	6.7	102	9.766	1.04	3
MW-10	2023-11-21	WH10231121-	0.53	69.6	6.17	87.1	8.738	0.85	2

Well	Sample Date	Sample ID	Dissolved Oxygen, Field	ORP, Field	pH, Field	Specific Conductance, Field	Temperature, Field	Turbidity, Field	Volume Purged, Field
			mg/L	mV	pH units	µmhos/cm	deg C	NTU	gal
MW-10	2024-02-22	WH10240222-	0.59	131.7	5.65	65	9.037	0.93	2
MW-10	2024-05-28	WH10240528-	0	32.8	6.27	55.5	8.621	1.86	2
MW-10	2024-08-19	WH10240819-	0.36	202.8	6.39	68.5	9.472	3.4	2.5
MW-11	2023-11-21	WH11231121-	9.62	388.2	5.8	76	8.696	0.38	2
MW-11	2024-02-22	WH11240222-	9.92	304.5	5.91	62.1	8.106	0.19	3.25
MW-11	2024-05-28	WH11240528-	8.9	379.8	5.55	64.6	8.23	0.29	2
MW-11	2024-08-20	WH11240820-	7.29	223.7	5.94	89.5	9.305	1.34	2.4
MW-18	2023-11-21	WH18231121-	NA	NA	5.8	50	10.609	1.35	9.35
MW-18	2024-02-22	WH18240222-	NA	NA	5.77	47.6	9.359	0.32	6
MW-18	2024-05-28	WH18240528-	NA	NA	5.99	43.3	9.809	0.81	4.76
MW-18	2024-08-19	WH18240819-	5.87	443.9	5.44	50	10.893	0.51	4.5
MW-26	2023-11-27	WH26231127-	8.15	411.4	5.81	43.1	9.698	1.16	1.5
MW-26	2024-02-22	WH26240222-	9.77	466.7	5.8	45.5	8.476	0.71	0.75
MW-26	2024-05-30	WH26240530-	8.09	239	5.91	44.2	9.256	2.01	1.25
MW-26	2024-08-21	WH26240821-	9.7	270.6	5.46	31.9	10.852	2.17	1
MW-3	2023-11-27	WH3-231127-	1.68	99.3	7.41	152.1	9.413	0.79	2

Well	Sample Date	Sample ID	Dissolved Oxygen, Field	ORP, Field	pH, Field	Specific Conductance, Field	Temperature, Field	Turbidity, Field	Volume Purged, Field
			mg/L	mV	pH units	µmhos/cm	deg C	NTU	gal
MW-3	2024-02-21	WH3-240221-	1.35	234.3	7.14	148.4	9.386	0.22	2.25
MW-3	2024-05-23	WH3-240523-	0.55	82.3	7.39	145.3	10.197	0.71	2.25
MW-3	2024-08-19	WH3-240819-	1.04	43.3	7.19	153.1	11.2	0.36	2
MW-7	2023-11-21	WH7-231121-	11.29	332.4	7.91	241.5	9.381	0.8	2
MW-7	2024-02-21	WH7-240221-	7.52	316.5	7.38	243	8.902	0.22	1.75
MW-7	2024-05-23	WH7-240523-	5.9	135.5	7.22	244	10.3	0.13	2.5
MW-7	2024-08-19	WH7-240819-	6.1	194.1	7.35	238.4	1.584	0.7	2.4
MW-25	2023-11-21	WH25231121-	1.46	323.7	7.72	106.8	8.559	0.39	2.25
MW-25	2024-02-22	WH25240222-	1.81	267.2	7.65	107.2	8.237	1.67	2.5
MW-25	2024-05-28	WH25240528-	1.12	267.5	7.3	107.7	8.214	0.3	3.5
MW-25	2024-08-20	WH25240820-	0.59	148	7.49	103.9	9.392	1.22	4
FIELD BLANK	2024-02-22	WH11240222F	--	--	6.06	1.2	9.058	--	--
FIELD BLANK	2024-05-23	WH1-240523F	--	--	5.37	0.7	13.3	--	--
FIELD BLANK	2024-08-19	WH18240819F	--	--	5.57	0.9	15.886	--	--

Table A-4
Groundwater – Conventionals

Well	Sample Date	Sample ID	Alkalinity, Total (as CaCO3)	Ammonia As N	Chloride	Nitrate	Specific Conductance	Sulfate	Total Dissolved Solids
			mg/L	mg/L	mg/L	mg/L	µmhos/cm	mg/L	mg/L
MW-1	2023-11-21	WH1-231121-	22.9	0.002 U	0.511	0.85	67.1	4.25	44.7
MW-1	2024-02-21	WH1-240221-	28.2	0.0136	5.59	0.01 U	87.4	3.99	59.3
MW-1	2024-05-23	WH1-240523-	22.8	0.0138	3.32	0.011 T	69.3	3.88	47.3
MW-1	2024-08-19	WH1-240819-	26.6	0.0236	6.87	0.01 U	89.6	4.18	63.3
MW-4	2023-11-27	WH4-231127-	13.2	0.002 U	2.26	0.852	48.4	2.2	37 T
MW-4	2023-11-27	WH4-231127D	13	0.002 U	2.26	0.845	48.1	2.19	38 T
MW-4	2024-02-21	WH4-240221-	10.1	0.002 U	4.08	0.571	45.7	1.85	34 T
MW-4	2024-05-23	WH4-240523-	10.5	0.002 U	4.38	0.554	48.5	2.01	39 T
MW-4	2024-08-19	WH4-240819-	14.1	0.002 U	1.21	0.337	43.6	2.5	35 T
MW-6	2023-11-28	WH6-231128-	42.8	0.0022 T	4.04	0.118	107	4.29	78
MW-6	2024-02-22	WH6-240222-	44.7	0.002 U	5.63	0.288	114	3.52	83.3
MW-6	2024-05-30	WH6-240530-	43.9	0.002 U	6.2	0.269	116	3.59	82
MW-6	2024-08-19	WH6-240819-	44.1	0.002 U	5.75	0.233	116	3.8	86.7
MW-10	2023-11-21	WH10231121-	25.5	0.145	8.66	0.01 U	90.7	3.13	61

Well	Sample Date	Sample ID	Alkalinity, Total (as CaCO3)	Ammonia As N	Chloride	Nitrate	Specific Conductance	Sulfate	Total Dissolved Solids
			mg/L	mg/L	mg/L	mg/L	µmhos/cm	mg/L	mg/L
MW-10	2024-02-22	WH10240222-	24.5	0.155	0.922	0.01 U	62.2	3.77	45.3
MW-10	2024-05-28	WH10240528-	22.9	0.109	1.21	0.01 U	58.4	3	37 T
MW-10	2024-08-19	WH10240819-	29	0.107	2.37	0.01 U	73.4	2.78	50
MW-11	2023-11-21	WH11231121-	26.4	0.002 U	5.01	0.385	80.7	2.43	52
MW-11	2024-02-22	WH11240222-	16.3	0.002 U	5.57	0.646	64.2	2.29	40
MW-11	2024-05-28	WH11240528-	18.8	0.002 U	5.72	0.363	69.1	2.49	50
MW-11	2024-08-20	WH11240820-	38.1	0.002 U	5.69	0.374	101	2.51	70
MW-18	2023-11-21	WH18231121-	19.1	0.002 U	2.04	0.0886	53.7	2.61	39 T
MW-18	2024-02-22	WH18240222-	17.8	0.002 U	1.63	0.013 T	50.6	2.65	43.3
MW-18	2024-05-28	WH18240528-	16.7	0.002 U	1.54	0.024 T	48.6	2.86	42
MW-18	2024-08-19	WH18240819-	21.1	0.004 T	1.69	0.113	56.6	2.8	45.3
MW-26	2023-11-27	WH26231127-	13.8	0.002 U	1.06	0.93	46	2.31	37 T
MW-26	2024-02-22	WH26240222-	9.46	0.002 U	4.71	0.641	47.5	2	34 T
MW-26	2024-05-30	WH26240530-	11.9	0.002 U	4.2	0.396	50.2	2.23	33 T
MW-26	2024-08-21	WH26240821-	10.3	0.002 U	0.998	0.236	35.2	2.78	30 T
MW-3	2023-11-27	WH3-231127-	74.1	0.0027 T	4.27	0.01 U	161	3.65	103

Well	Sample Date	Sample ID	Alkalinity, Total (as CaCO3)	Ammonia As N	Chloride	Nitrate	Specific Conductance	Sulfate	Total Dissolved Solids
			mg/L	mg/L	mg/L	mg/L	µmhos/cm	mg/L	mg/L
MW-3	2024-02-21	WH3-240221-	72.4	0.0042 T	4.22	0.01 U	157	3.62	98.7
MW-3	2024-05-23	WH3-240523-	72.8	0.0034 T	4.33	0.01 U	162	3.8	104
MW-3	2024-08-19	WH3-240819-	73.7	0.0036 T	4.37	0.01 U	164	3.85	106
MW-7	2023-11-21	WH7-231121-	126	0.002 U	2.25	0.015 T	259	9.18	155
MW-7	2024-02-21	WH7-240221-	126	0.002 U	2.37	0.015 T	260	9.1	158
MW-7	2024-05-23	WH7-240523-	126	0.002 U	2.41	0.017 T	264	9.22	161
MW-7	2024-08-19	WH7-240819-	128	0.002 U	2.44	0.016 T	267	9.43	165
MW-25	2023-11-21	WH25231121-	49.6	0.002 U	3.56	0.169	113	2.93	73.3
MW-25	2024-02-22	WH25240222-	48.9	0.002 U	3.53	0.164	113	2.96	76
MW-25	2024-05-28	WH25240528-	49	0.002 U	3.63	0.159	114	3.08	77.3
MW-25	2024-08-20	WH25240820-	50.3	0.002 U	3.69	0.178	116	3.09	82
FIELD BLANK	2024-02-22	WH11240222F	1 U	0.002 U	0.05 U	0.01 U	1.1 T	0.1 U	10 U
FIELD BLANK	2024-05-23	WH1-240523F	1 U	0.002 U	0.05 U	0.01 U	1 U	0.1 U	10 U
FIELD BLANK	2024-08-19	WH18240819F	1.2 T	0.0027 T	0.05 U	0.01 U	2.7 T	0.1 U	10 U

Well	Sample Date	Sample ID	Total Organic Carbon	Total Solids	Total Suspended Solids
			mg/L	mg/L	mg/L
MW-1	2023-11-21	WH1-231121-	2.09	51.3	0.5 U
MW-1	2024-02-21	WH1-240221-	0.93 T	68	9.2
MW-1	2024-05-23	WH1-240523-	1.3 T	51.3	3.7
MW-1	2024-08-19	WH1-240819-	1.3 HT	66	1.6 T
MW-4	2023-11-27	WH4-231127-	0.5 U	42.7	0.9 T
MW-4	2023-11-27	WH4-231127D	0.5 U	45.3	1 T
MW-4	2024-02-21	WH4-240221-	0.5 U	37 T	5.47
MW-4	2024-05-23	WH4-240523-	0.67 T	46	6.4
MW-4	2024-08-19	WH4-240819-	0.78 HT	36 T	2.3
MW-6	2023-11-28	WH6-231128-	0.5 U	80.7	1.2 T
MW-6	2024-02-22	WH6-240222-	0.5 U	86.7	0.8 T
MW-6	2024-05-30	WH6-240530-	0.55 T	81.3	0.5 T
MW-6	2024-08-19	WH6-240819-	0.5 HU	89.3	0.9 T
MW-10	2023-11-21	WH10231121-	0.6 T	67 T	0.5 U

Well	Sample Date	Sample ID	Total Organic Carbon	Total Solids	Total Suspended Solids
			mg/L	mg/L	mg/L
MW-10	2024-02-22	WH10240222-	0.59 T	46.7	2.5
MW-10	2024-05-28	WH10240528-	1.2 T	40.7	5.4
MW-10	2024-08-19	WH10240819-	1.3 HT	50	1.4 T
MW-11	2023-11-21	WH11231121-	0.5 U	58	2.8
MW-11	2024-02-22	WH11240222-	0.5 U	45.3	0.5 U
MW-11	2024-05-28	WH11240528-	0.61 T	48	0.51 U
MW-11	2024-08-20	WH11240820-	0.55 HT	66.7	0.5 U
MW-18	2023-11-21	WH18231121-	0.5 U	42.7	0.5 U
MW-18	2024-02-22	WH18240222-	0.5 U	42	0.5 U
MW-18	2024-05-28	WH18240528-	0.84 T	39 T	0.5 U
MW-18	2024-08-19	WH18240819-	0.5 HU	46.7	0.5 U
MW-26	2023-11-27	WH26231127-	0.53 T	37 T	0.5 U
MW-26	2024-02-22	WH26240222-	0.5 U	33 T	0.7 T
MW-26	2024-05-30	WH26240530-	1 T	33 T	1.9 T
MW-26	2024-08-21	WH26240821-	0.83 T	33 T	2.8
MW-3	2023-11-27	WH3-231127-	0.5 U	105	1.1 T

Well	Sample Date	Sample ID	Total Organic Carbon	Total Solids	Total Suspended Solids
			mg/L	mg/L	mg/L
MW-3	2024-02-21	WH3-240221-	0.5 U	104	0.5 U
MW-3	2024-05-23	WH3-240523-	0.5 U	104	0.5 U
MW-3	2024-08-19	WH3-240819-	0.5 HU	111	0.51 U
MW-7	2023-11-21	WH7-231121-	0.5 U	159	2.1
MW-7	2024-02-21	WH7-240221-	0.5 U	159	0.5 U
MW-7	2024-05-23	WH7-240523-	0.63 T	162	0.5 U
MW-7	2024-08-19	WH7-240819-	0.5 HU	164	1 U
MW-25	2023-11-21	WH25231121-	0.5 U	80.7	0.5 U
MW-25	2024-02-22	WH25240222-	0.5 U	74.7	1 U
MW-25	2024-05-28	WH25240528-	0.5 U	78	1 U
MW-25	2024-08-20	WH25240820-	0.5 HU	83.3	0.5 U
FIELD BLANK	2024-02-22	WH11240222F	0.5 U	10 U	0.5 U
FIELD BLANK	2024-05-23	WH1-240523F	0.5 U	10 U	0.5 U
FIELD BLANK	2024-08-19	WH18240819F	0.5 HU	10 U	0.5 U

Table A-5
Groundwater – Metals (Dissolved and Total)

Well	Sample Date	Sample ID	Antimony, Dissolved	Antimony, Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved
			mg/L	mg/L	µg/L	µg/L	mg/L	mg/L	mg/L
MW-1	2023-11-21	WH1-231121-	0.0003 U	0.0003 U	0.1	0.388	0.00182	0.00189	0.0001 U
MW-1	2024-02-21	WH1-240221-	0.0003 U	0.0003 U	0.0747	1.1	0.00176	0.00352	0.0001 U
MW-1	2024-05-23	WH1-240523-	0.0003 U	0.0003 U	0.0809	0.724	0.00156	0.00218	0.0001 U
MW-1	2024-08-19	WH1-240819-	0.0003 U	0.0003 U	0.143	0.447	0.00231	0.00281	0.0001 U
MW-4	2023-11-27	WH4-231127-	0.0003 U	0.0003 U	0.05 U	0.0648	0.00107	0.00116	0.0001 U
MW-4	2023-11-27	WH4-231127D	0.0003 U	0.0003 U	0.05 U	0.063	0.00106	0.00113	0.0001 U
MW-4	2024-02-21	WH4-240221-	0.0003 U	0.0003 U	0.05 U	0.128	0.000862	0.0014	0.0001 U
MW-4	2024-05-23	WH4-240523-	0.0003 U	0.0003 U	0.05 U	0.15	0.000935	0.00142	0.0001 U
MW-4	2024-08-19	WH4-240819-	0.0003 U	0.0003 U	0.0565	0.0885	0.000876	0.00105	0.0001 U
MW-6	2023-11-28	WH6-231128-	0.0003 U	0.0003 U	0.286	0.299	0.00204	0.00216	0.0001 U
MW-6	2024-02-22	WH6-240222-	0.0003 U	0.0003 U	0.331	0.321	0.00208	0.00211	0.0001 U
MW-6	2024-05-30	WH6-240530-	0.0003 U	0.0003 U	0.306	0.313	0.00208	0.00226	0.0001 U
MW-6	2024-08-19	WH6-240819-	0.0003 U	0.0003 U	0.311	0.321	0.00202	0.00216	0.0001 U
MW-10	2023-11-21	WH10231121-	0.0003 U	0.0003 U	3.73	4.11	0.00493	0.00484	0.0001 U
MW-10	2024-02-22	WH10240222-	0.0003 U	0.0003 U	3.54	4.18	0.00376	0.0038	0.0001 U

Well	Sample Date	Sample ID	Antimony, Dissolved	Antimony, Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved
			mg/L	mg/L	µg/L	µg/L	mg/L	mg/L	mg/L
MW-10	2024-05-28	WH10240528-	0.0003 U	0.0003 U	2.77	3.64	0.00327	0.00308	0.0001 U
MW-10	2024-08-19	WH10240819-	0.0003 U	0.0003 U	2.97	3.23	0.00387	0.00406	0.0001 U
MW-11	2023-11-21	WH11231121-	0.0003 U	0.0003 U	0.0663	0.0634	0.00198	0.00176	0.0001 U
MW-11	2024-02-22	WH11240222-	0.0003 U	0.0003 U	0.0612	0.0582	0.00143	0.00144	0.0001 U
MW-11	2024-05-28	WH11240528-	0.0003 U	0.0003 U	0.0642	0.0689	0.00158	0.00159	0.0001 U
MW-11	2024-08-20	WH11240820-	0.0003 U	0.0003 U	0.098	0.101	0.00199	0.00198	0.0001 U
MW-18	2023-11-21	WH18231121-	0.0003 U	0.0003 U	0.164	0.175	0.00134	0.00133	0.0001 U
MW-18	2024-02-22	WH18240222-	0.0003 U	0.0003 U	0.17	0.184	0.00123	0.00126	0.0001 U
MW-18	2024-05-28	WH18240528-	0.0003 U	0.0003 U	0.163	0.183	0.00117	0.00122	0.0001 U
MW-18	2024-08-19	WH18240819-	0.0003 U	0.0003 U	0.173	0.181	0.0013	0.00127	0.0001 U
MW-26	2023-11-27	WH26231127-	0.0003 U	0.0003 U	0.0723	0.119	0.00131	0.0017	0.0001 U
MW-26	2024-02-22	WH26240222-	0.0003 U	0.0003 U	0.0664	0.0735	0.00112	0.00126	0.0001 U
MW-26	2024-05-30	WH26240530-	0.0003 U	0.0003 U	0.0727	0.0944	0.00125	0.00158	0.0001 U
MW-26	2024-08-21	WH26240821-	0.0003 U	0.0003 U	0.0599	0.101	0.000846	0.00171	0.0001 U
MW-3	2023-11-27	WH3-231127-	0.0003 U	0.0003 U	0.214	0.212	0.000554	0.000542	0.0001 U
MW-3	2024-02-21	WH3-240221-	0.0003 U	0.0003 U	0.203	0.208	0.000544	0.000531	0.0001 U
MW-3	2024-05-23	WH3-240523-	0.0003 U	0.0003 U	0.212	0.22	0.00057	0.000605	0.0001 U

Well	Sample Date	Sample ID	Antimony, Dissolved	Antimony, Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved
			mg/L	mg/L	µg/L	µg/L	mg/L	mg/L	mg/L
MW-3	2024-08-19	WH3-240819-	0.0003 U	0.0003 U	0.215	0.227	0.000538	0.000548	0.0001 U
MW-7	2023-11-21	WH7-231121-	0.0003 U	0.0003 U	0.278	0.274	0.000626	0.000666	0.0001 U
MW-7	2024-02-21	WH7-240221-	0.0003 U	0.0003 U	0.246	0.236	0.000731	0.00492	0.0001 U
MW-7	2024-05-23	WH7-240523-	0.0003 U	0.0003 U	0.239	0.249	0.000758	0.000717	0.0001 U
MW-7	2024-08-19	WH7-240819-	0.0003 U	0.0003 U	0.245	0.253	0.000723	0.000701	0.0001 U
MW-25	2023-11-21	WH25231121-	0.0003 U	0.0003 U	1.05	1.05	0.00109	0.00109	0.0001 U
MW-25	2024-02-22	WH25240222-	0.0003 U	0.0003 U	1.05	1.05	0.00112	0.00108	0.0001 U
MW-25	2024-05-28	WH25240528-	0.0003 U	0.0003 U	1.02	1.02	0.0011	0.00109	0.0001 U
MW-25	2024-08-20	WH25240820-	0.0003 U	0.0003 U	1.09	1.08	0.00108	0.00109	0.0001 U
FIELD BLANK	2024-02-22	WH11240222F	0.0003 U	0.0003 U	0.05 U	0.05 U	0.0005 U	0.0005 U	0.0001 U
FIELD BLANK	2024-05-23	WH1-240523F	0.0003 U	0.0003 U	0.05 U	0.05 U	0.0005 U	0.0005 U	0.0001 U
FIELD BLANK	2024-08-19	WH18240819F	0.0003 U	0.0003 U	0.05 U	0.05 U	0.0005 U	0.0005 U	0.0001 U

Well	Sample Date	Sample ID	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Chromium, Dissolved	Chromium, Total	Cobalt, Dissolved
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-1	2023-11-21	WH1-231121-	0.0001 U	0.00005 U	0.00005 U	7.42	0.0002 U	0.000223	0.00005 U
MW-1	2024-02-21	WH1-240221-	0.0001 U	0.000121	0.000137	9.68	0.0002 U	0.000466	0.0000928
MW-1	2024-05-23	WH1-240523-	0.0001 U	0.0000986	0.000104	7.49	0.0002 U	0.000289	0.0000761
MW-1	2024-08-19	WH1-240819-	0.0001 U	0.000107	0.00011	9.37	0.0002 U	0.000419	0.000162
MW-4	2023-11-27	WH4-231127-	0.0001 U	0.00005 U	0.00005 U	4.14	0.0002 U	0.0002 U	0.00005 U
MW-4	2023-11-27	WH4-231127D	0.0001 U	0.00005 U	0.00005 U	4.3	0.0002 U	0.0002 U	0.00005 U
MW-4	2024-02-21	WH4-240221-	0.0001 U	0.00005 U	0.00005 U	4.16	0.0002 U	0.000275	0.00005 U
MW-4	2024-05-23	WH4-240523-	0.0001 U	0.00005 U	0.00005 U	4.07	0.0002 U	0.000229	0.00005 U
MW-4	2024-08-19	WH4-240819-	0.0001 U	0.00005 U	0.00005 U	3.85	0.000434	0.000311	0.00005 U
MW-6	2023-11-28	WH6-231128-	0.0001 U	0.00005 U	0.00005 U	10.9	0.000307	0.000339	0.00005 U
MW-6	2024-02-22	WH6-240222-	0.0001 U	0.00005 U	0.00005 U	12.5	0.00065	0.000781	0.00005 U
MW-6	2024-05-30	WH6-240530-	0.0001 U	0.00005 U	0.00005 U	11.9	0.000526	0.000579	0.00005 U
MW-6	2024-08-19	WH6-240819-	0.0001 U	0.00005 U	0.00005 U	11.9	0.000527	0.000711	0.00005 U
MW-10	2023-11-21	WH10231121-	0.0001 U	0.00005 U	0.00005 U	8.77	0.0002 U	0.0002 U	0.00207
MW-10	2024-02-22	WH10240222-	0.0001 U	0.00005 U	0.00005 U	6.81	0.0002 U	0.0002 U	0.00152

Well	Sample Date	Sample ID	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Chromium, Dissolved	Chromium, Total	Cobalt, Dissolved
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-10	2024-05-28	WH10240528-	0.0001 U	0.00005 U	0.00005 U	6.02	0.0002 U	0.0002 U	0.00134
MW-10	2024-08-19	WH10240819-	0.0001 U	0.00005 U	0.00005 U	7.49	0.0002 U	0.0002 U	0.0016
MW-11	2023-11-21	WH11231121-	0.0001 U	0.00005 U	0.00005 U	8.27	0.0002 U	0.0002 U	0.00005 U
MW-11	2024-02-22	WH11240222-	0.0001 U	0.00005 U	0.00005 U	6.03	0.0002 U	0.0002 U	0.00005 U
MW-11	2024-05-28	WH11240528-	0.0001 U	0.00005 U	0.00005 U	6.45	0.000226	0.0002 U	0.00005 U
MW-11	2024-08-20	WH11240820-	0.0001 U	0.00005 U	0.00005 U	11.4	0.000627	0.000616	0.00005 U
MW-18	2023-11-21	WH18231121-	0.0001 U	0.00005 U	0.00005 U	5.45	0.0002 U	0.0002 U	0.00005 U
MW-18	2024-02-22	WH18240222-	0.0001 U	0.00005 U	0.00005 U	5.25	0.0002 U	0.000228	0.00005 U
MW-18	2024-05-28	WH18240528-	0.0001 U	0.00005 U	0.00005 U	4.8	0.0002 U	0.0002 U	0.00005 U
MW-18	2024-08-19	WH18240819-	0.0001 U	0.00005 U	0.00005 U	5.82	0.000313	0.000301	0.00005 U
MW-26	2023-11-27	WH26231127-	0.0001 U	0.00005 U	0.00005 U	3.97	0.0002 U	0.0002 U	0.00005 U
MW-26	2024-02-22	WH26240222-	0.0001 U	0.00005 U	0.00005 U	3.99	0.0002 U	0.0002 U	0.00005 U
MW-26	2024-05-30	WH26240530-	0.0001 U	0.00005 U	0.00005 U	4.06	0.0002 U	0.0002 U	0.00005 U
MW-26	2024-08-21	WH26240821-	0.0001 U	0.00005 U	0.00005 U	2.42	0.000412	0.000521	0.00005 U
MW-3	2023-11-27	WH3-231127-	0.0001 U	0.00005 U	0.00005 U	14.5	0.0002 U	0.00108	0.00005 U
MW-3	2024-02-21	WH3-240221-	0.0001 U	0.00005 U	0.00005 U	14.9	0.0002 U	0.0002 U	0.00005 U
MW-3	2024-05-23	WH3-240523-	0.0001 U	0.00005 U	0.00005 U	14.8	0.0002 U	0.0002 U	0.00005 U

Well	Sample Date	Sample ID	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Chromium, Dissolved	Chromium, Total	Cobalt, Dissolved
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-3	2024-08-19	WH3-240819-	0.0001 U	0.00005 U	0.00005 U	15.4	0.000469	0.000446	0.00005 U
MW-7	2023-11-21	WH7-231121-	0.0001 U	0.00005 U	0.00005 U	30.6	0.0002 U	0.0002 U	0.00005 U
MW-7	2024-02-21	WH7-240221-	0.0001 U	0.00005 U	0.00005 U	31.8	0.0002 U	0.00036	0.00005 U
MW-7	2024-05-23	WH7-240523-	0.0001 U	0.00005 U	0.00005 U	32.8	0.0002 U	0.000296	0.00005 U
MW-7	2024-08-19	WH7-240819-	0.0001 U	0.00005 U	0.00005 U	32.3	0.000313	0.000465	0.00005 U
MW-25	2023-11-21	WH25231121-	0.0001 U	0.00005 U	0.00005 U	10.9	0.00101	0.00101	0.00005 U
MW-25	2024-02-22	WH25240222-	0.0001 U	0.00005 U	0.00005 U	11	0.00106	0.00109	0.00005 U
MW-25	2024-05-28	WH25240528-	0.0001 U	0.00005 U	0.00005 U	11.1	0.0011	0.00102	0.00005 U
MW-25	2024-08-20	WH25240820-	0.0001 U	0.00005 U	0.00005 U	11.7	0.00118	0.00126	0.00005 U
FIELD BLANK	2024-02-22	WH11240222F	0.0001 U	0.00005 U	0.00005 U	0.05 U	0.0002 U	0.00152	0.00005 U
FIELD BLANK	2024-05-23	WH1-240523F	0.0001 U	0.00005 U	0.00005 U	0.05 U	0.0002 U	0.0002 U	0.00005 U
FIELD BLANK	2024-08-19	WH18240819F	0.0001 U	0.00005 U	0.00005 U	0.05 U	0.0002 U	0.0002 U	0.00005 U

Well	Sample Date	Sample ID	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-1	2023-11-21	WH1-231121-	0.000105	0.00124	0.00137	0.01 U	0.353	0.000102	0.0001 U
MW-1	2024-02-21	WH1-240221-	0.000458	0.000616	0.00133	0.01 U	1.56	0.0001 U	0.000154
MW-1	2024-05-23	WH1-240523-	0.000237	0.000691	0.000937	0.01 U	0.722	0.0001 U	0.0001 U
MW-1	2024-08-19	WH1-240819-	0.000244	0.00054	0.000699	0.084	0.433	0.0001 U	0.0001 U
MW-4	2023-11-27	WH4-231127-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.0385	0.0001 U	0.0001 U
MW-4	2023-11-27	WH4-231127D	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.0258	0.0001 U	0.0001 U
MW-4	2024-02-21	WH4-240221-	0.000127	0.0002 U	0.000267	0.01 U	0.138	0.0001 U	0.0001 U
MW-4	2024-05-23	WH4-240523-	0.000134	0.0002 U	0.000311	0.01 U	0.158	0.0001 U	0.0001
MW-4	2024-08-19	WH4-240819-	0.000057	0.0002 U	0.0002 U	0.01 U	0.0561	0.0001 U	0.0001 U
MW-6	2023-11-28	WH6-231128-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.0149	0.0001 U	0.0001 U
MW-6	2024-02-22	WH6-240222-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.0126	0.0001 U	0.0001 U
MW-6	2024-05-30	WH6-240530-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.0132	0.0001 U	0.0001 U
MW-6	2024-08-19	WH6-240819-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.0169	0.0001 U	0.0001 U
MW-10	2023-11-21	WH10231121-	0.00201	0.0002 U	0.0002 U	3.7	3.58	0.0001 U	0.0001 U
MW-10	2024-02-22	WH10240222-	0.00153	0.0002 U	0.0002 U	2.68	2.82	0.0001 U	0.0001 U

Well	Sample Date	Sample ID	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-10	2024-05-28	WH10240528-	0.00134	0.0002 U	0.0002 U	2.34	2.47	0.0001 U	0.0001 U
MW-10	2024-08-19	WH10240819-	0.00163	0.0002 U	0.0002 U	2.88	2.93	0.0001 U	0.0001 U
MW-11	2023-11-21	WH11231121-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-11	2024-02-22	WH11240222-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-11	2024-05-28	WH11240528-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-11	2024-08-20	WH11240820-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-18	2023-11-21	WH18231121-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-18	2024-02-22	WH18240222-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-18	2024-05-28	WH18240528-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-18	2024-08-19	WH18240819-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-26	2023-11-27	WH26231127-	0.0000848	0.00024	0.000321	0.01 U	0.0429	0.0001 U	0.0001 U
MW-26	2024-02-22	WH26240222-	0.0000512	0.0002 U	0.000241	0.01 U	0.0233	0.0001 U	0.0001 U
MW-26	2024-05-30	WH26240530-	0.0000591	0.000219	0.000308	0.01 U	0.0324	0.0001 U	0.0001 U
MW-26	2024-08-21	WH26240821-	0.0000863	0.0002 U	0.000405	0.01 U	0.0833	0.0001 U	0.0001 U
MW-3	2023-11-27	WH3-231127-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.0104	0.0001 U	0.0001 U
MW-3	2024-02-21	WH3-240221-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-3	2024-05-23	WH3-240523-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U

Well	Sample Date	Sample ID	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-3	2024-08-19	WH3-240819-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-7	2023-11-21	WH7-231121-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.0301	0.0001 U	0.0001 U
MW-7	2024-02-21	WH7-240221-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-7	2024-05-23	WH7-240523-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-7	2024-08-19	WH7-240819-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-25	2023-11-21	WH25231121-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-25	2024-02-22	WH25240222-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-25	2024-05-28	WH25240528-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
MW-25	2024-08-20	WH25240820-	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
FIELD BLANK	2024-02-22	WH11240222F	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
FIELD BLANK	2024-05-23	WH1-240523F	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U
FIELD BLANK	2024-08-19	WH18240819F	0.00005 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U

Well	Sample Date	Sample ID	Magnesium, Dissolved	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total	Nickel, Dissolved	Nickel, Total
			mg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L
MW-1	2023-11-21	WH1-231121-	2.07	5.26	22.7	0.00005 U	0.00005 DU	0.000183	0.000233
MW-1	2024-02-21	WH1-240221-	2.39	699 D	731	0.00005 DU	0.00005 U	0.000418	0.000846
MW-1	2024-05-23	WH1-240523-	1.94	680	705	0.00005 DU	0.00005 DU	0.000423	0.000567
MW-1	2024-08-19	WH1-240819-	2.2	1140 D	1140 D	0.00005 U	0.00005 U	0.000583	0.00074
MW-4	2023-11-27	WH4-231127-	0.984	0.275	1.79	0.00005 U	0.00005 U	0.0001 U	0.000136
MW-4	2023-11-27	WH4-231127D	1.02	0.263	1.5	0.00005 U	0.00005 U	0.0001 U	0.0001 U
MW-4	2024-02-21	WH4-240221-	0.966	0.308	5.28	0.00005 DU	0.00005 U	0.0001 U	0.000243
MW-4	2024-05-23	WH4-240523-	1.02	0.213	5.89	0.00005 DU	0.00005 DU	0.0001 U	0.000202
MW-4	2024-08-19	WH4-240819-	0.895	0.31	2.35	0.00005 U	0.00005 U	0.00026	0.000206
MW-6	2023-11-28	WH6-231128-	4.2	0.287	2.79	0.00005 U	0.00005 U	0.000107	0.000138
MW-6	2024-02-22	WH6-240222-	4.48	0.347	4.73	0.00005 DU	0.00005 U	0.000156	0.000247
MW-6	2024-05-30	WH6-240530-	4.47	0.234	7.12	0.00005 DU	0.00005 DU	0.000106	0.000181
MW-6	2024-08-19	WH6-240819-	4.32	0.405	3.76	0.00005 U	0.00005 U	0.000168	0.000319
MW-10	2023-11-21	WH10231121-	2.3	408	402	0.00005 U	0.00005 DU	0.000503	0.00057
MW-10	2024-02-22	WH10240222-	1.67	321	298	0.00005 DU	0.00005 U	0.0004	0.000445

Well	Sample Date	Sample ID	Magnesium, Dissolved	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total	Nickel, Dissolved	Nickel, Total
			mg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L
MW-10	2024-05-28	WH10240528-	1.6	268	263	0.00005 DU	0.00005 DU	0.000378	0.000388
MW-10	2024-08-19	WH10240819-	1.94	321	318	0.00005 U	0.00005 U	0.000509	0.000521
MW-11	2023-11-21	WH11231121-	2.25	0.238	0.351	0.00005 U	0.00005 DU	0.0001 U	0.000107
MW-11	2024-02-22	WH11240222-	1.53	0.325	0.591	0.00005 DU	0.00005 U	0.0001 U	0.000116
MW-11	2024-05-28	WH11240528-	1.76	0.246	0.326	0.00005 DU	0.00005 DU	0.000265	0.000127
MW-11	2024-08-20	WH11240820-	2.99	0.144	0.242	0.00005 U	0.00005 U	0.00035	0.000324
MW-18	2023-11-21	WH18231121-	1.18	0.426	1.22	0.00005 U	0.00005 DU	0.00012	0.000149
MW-18	2024-02-22	WH18240222-	1.07	0.655	5.29	0.00005 DU	0.00005 U	0.000134	0.000142
MW-18	2024-05-28	WH18240528-	1.06	0.371	1.97	0.00005 DU	0.00005 DU	0.000116	0.000125
MW-18	2024-08-19	WH18240819-	1.23	0.431	0.946	0.00005 U	0.00005 U	0.00023	0.000155
MW-26	2023-11-27	WH26231127-	1.05	1.32	2.01	0.00005 U	0.00005 U	0.000127	0.000204
MW-26	2024-02-22	WH26240222-	0.99	0.991	1.29	0.00005 DU	0.00005 U	0.000147	0.000178
MW-26	2024-05-30	WH26240530-	1.07	1.1	1.73	0.00005 DU	0.00005 DU	0.000155	0.000175
MW-26	2024-08-21	WH26240821-	0.567	1.02	2.45	0.00005 DU	0.00005 U	0.000315	0.000482
MW-3	2023-11-27	WH3-231127-	5.96	72.3	72.3	0.00005 U	0.00005 U	0.0001 U	0.000496
MW-3	2024-02-21	WH3-240221-	5.66	73.3	67	0.00005 DU	0.00005 U	0.000101	0.000115
MW-3	2024-05-23	WH3-240523-	5.76	70	70.9	0.00005 DU	0.00005 DU	0.0001 U	0.0001 U

Well	Sample Date	Sample ID	Magnesium, Dissolved	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total	Nickel, Dissolved	Nickel, Total
			mg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L
MW-3	2024-08-19	WH3-240819-	5.78	72.8	72.9	0.00005 U	0.00005 U	0.000267	0.00024
MW-7	2023-11-21	WH7-231121-	11	0.114	1.48	0.00005 U	0.00005 DU	0.000178	0.000179
MW-7	2024-02-21	WH7-240221-	10.9	0.1 U	0.285	0.00005 DU	0.00005 U	0.00018	0.000304
MW-7	2024-05-23	WH7-240523-	11	0.1 U	0.114	0.00005 DU	0.00005 DU	0.00019	0.000248
MW-7	2024-08-19	WH7-240819-	10.7	0.1 U	0.378	0.00005 U	0.00005 U	0.000241	0.000345
MW-25	2023-11-21	WH25231121-	4.43	0.1 U	0.325	0.00005 U	0.00005 DU	0.0001 U	0.0001 U
MW-25	2024-02-22	WH25240222-	4.19	0.1 U	0.271	0.00005 DU	0.00005 U	0.0001 U	0.0001 U
MW-25	2024-05-28	WH25240528-	4.4	0.1 U	0.41	0.00005 DU	0.00005 DU	0.0001 U	0.0001 U
MW-25	2024-08-20	WH25240820-	4.5	0.1 U	0.408	0.00005 U	0.00005 U	0.000134	0.000216
FIELD BLANK	2024-02-22	WH11240222F	0.05 U	0.1 U	0.181	0.00005 DU	0.00005 U	0.0001 U	0.000757
FIELD BLANK	2024-05-23	WH1-240523F	0.05 U	0.109	0.1 U	0.00005 DU	0.00005 DU	0.0001 U	0.0001 U
FIELD BLANK	2024-08-19	WH18240819F	0.05 U	0.1 U	0.1 U	0.00005 U	0.00005 U	0.0001 U	0.0001 U

Table A-5
Groundwater – Metals (Dissolved and Total)

Well	Sample Date	Sample ID	Potassium, Dissolved	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Thallium, Dissolved
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-1	2023-11-21	WH1-231121-	1.22	0.0005 U	0.0005 U	0.00004 U	0.00004 U	1.72	0.000075 U
MW-1	2024-02-21	WH1-240221-	1.02	0.0005 U	0.0005 U	0.00004 U	0.00004 U	2.34	0.000075 U
MW-1	2024-05-23	WH1-240523-	1.08	0.0005 U	0.0005 U	0.00004 U	0.00004 U	2.16	0.000075 U
MW-1	2024-08-19	WH1-240819-	1.3	0.0005 U	0.0005 U	0.00004 U	0.00004 U	2.66	0.000075 U
MW-4	2023-11-27	WH4-231127-	0.695	0.0005 U	0.0005 U	0.00004 U	0.00004 U	2.97	0.000075 U
MW-4	2023-11-27	WH4-231127D	0.727	0.0005 U	0.0005 U	0.00004 U	0.00004 U	3.12	0.000075 U
MW-4	2024-02-21	WH4-240221-	0.601	0.0005 U	0.0005 U	0.00004 U	0.00004 U	2.77	0.000075 U
MW-4	2024-05-23	WH4-240523-	0.611	0.0005 U	0.0005 U	0.00004 U	0.00004 U	2.83	0.000075 U
MW-4	2024-08-19	WH4-240819-	0.636	0.0005 U	0.0005 U	0.00004 U	0.00004 U	2.75	0.000075 U
MW-6	2023-11-28	WH6-231128-	0.696	0.0005 U	0.0005 U	0.00004 U	0.00004 U	4.01	0.000075 U
MW-6	2024-02-22	WH6-240222-	0.716	0.0005 U	0.0005 U	0.00004 U	0.00004 U	4.02	0.000075 U
MW-6	2024-05-30	WH6-240530-	0.693	0.0005 U	0.0005 U	0.00004 U	0.00004 U	4.03	0.000075 U
MW-6	2024-08-19	WH6-240819-	0.712	0.0005 U	0.0005 U	0.00004 U	0.00004 U	4.05	0.000075 U
MW-10	2023-11-21	WH10231121-	1.11	0.0005 U	0.0005 U	0.00004 U	0.00004 U	1.91	0.000075 U
MW-10	2024-02-22	WH10240222-	0.95	0.0005 U	0.0005 U	0.00004 U	0.00004 U	1.55	0.000075 U

Well	Sample Date	Sample ID	Potassium, Dissolved	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Thallium, Dissolved
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-10	2024-05-28	WH10240528-	0.875	0.0005 U	0.0005 U	0.00004 U	0.00004 U	1.57	0.000075 U
MW-10	2024-08-19	WH10240819-	1.01	0.0005 U	0.0005 U	0.00004 U	0.00004 U	1.83	0.000075 U
MW-11	2023-11-21	WH11231121-	0.502	0.0005 U	0.0005 U	0.00004 U	0.00004 U	4.16	0.000075 U
MW-11	2024-02-22	WH11240222-	0.416	0.0005 U	0.0005 U	0.00004 U	0.00004 U	3.47	0.000075 U
MW-11	2024-05-28	WH11240528-	0.435	0.0005 U	0.0005 U	0.00004 U	0.00004 U	3.89	0.000075 U
MW-11	2024-08-20	WH11240820-	0.496	0.0005 U	0.0005 U	0.00004 U	0.00004 U	4.01	0.000075 U
MW-18	2023-11-21	WH18231121-	0.666	0.0005 U	0.0005 U	0.00004 U	0.00004 U	3.01	0.000075 U
MW-18	2024-02-22	WH18240222-	0.601	0.0005 U	0.0005 U	0.00004 U	0.00004 U	2.81	0.000075 U
MW-18	2024-05-28	WH18240528-	0.579	0.0005 U	0.0005 U	0.00004 U	0.00004 U	2.96	0.000075 U
MW-18	2024-08-19	WH18240819-	0.687	0.0005 U	0.0005 U	0.00004 U	0.00004 U	3.18	0.000075 U
MW-26	2023-11-27	WH26231127-	0.484	0.0005 U	0.0005 U	0.00004 U	0.00004 U	3.11	0.000075 U
MW-26	2024-02-22	WH26240222-	0.422	0.0005 U	0.0005 U	0.00004 U	0.00004 U	3.08	0.000075 U
MW-26	2024-05-30	WH26240530-	0.451	0.0005 U	0.0005 U	0.00004 U	0.00004 U	3.51	0.000075 U
MW-26	2024-08-21	WH26240821-	0.37	0.0005 U	0.0005 U	0.00004 U	0.00004 U	3.07	0.000075 U
MW-3	2023-11-27	WH3-231127-	0.826	0.0005 U	0.0005 U	0.00004 U	0.00004 U	10.8	0.000075 U
MW-3	2024-02-21	WH3-240221-	0.8	0.0005 U	0.0005 U	0.00004 U	0.00004 U	10.7	0.000075 U
MW-3	2024-05-23	WH3-240523-	0.81	0.0005 U	0.0005 U	0.00004 U	0.00004 U	10.8	0.000075 U

Well	Sample Date	Sample ID	Potassium, Dissolved	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Thallium, Dissolved
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-3	2024-08-19	WH3-240819-	0.847	0.0005 U	0.0005 U	0.00004 U	0.00004 U	10.9	0.000075 U
MW-7	2023-11-21	WH7-231121-	0.982	0.0005 U	0.0005 U	0.00004 U	0.00004 U	8.03	0.000075 U
MW-7	2024-02-21	WH7-240221-	0.948	0.0005 U	0.0005 U	0.00004 U	0.00004 U	8.05	0.000075 U
MW-7	2024-05-23	WH7-240523-	1.04	0.0005 U	0.0005 U	0.00004 U	0.00004 U	8.06	0.000075 U
MW-7	2024-08-19	WH7-240819-	1.01	0.0005 U	0.0005 U	0.00004 U	0.00004 U	8.04	0.000075 U
MW-25	2023-11-21	WH25231121-	0.561	0.0005 U	0.0005 U	0.00004 U	0.00004 U	5.78	0.000075 U
MW-25	2024-02-22	WH25240222-	0.538	0.0005 U	0.0005 U	0.00004 U	0.00004 U	5.71	0.000075 U
MW-25	2024-05-28	WH25240528-	0.549	0.0005 U	0.0005 U	0.00004 U	0.00004 U	5.86	0.000075 U
MW-25	2024-08-20	WH25240820-	0.58	0.0005 U	0.0005 U	0.00004 U	0.00004 U	5.98	0.000075 U
FIELD BLANK	2024-02-22	WH11240222F	0.1 U	0.0005 U	0.0005 U	0.00004 U	0.00004 U	0.1 U	0.000075 U
FIELD BLANK	2024-05-23	WH1-240523F	0.1 U	0.0005 U	0.0005 U	0.00004 U	0.00004 U	0.1 U	0.000075 U
FIELD BLANK	2024-08-19	WH18240819F	0.1 U	0.0005 U	0.0005 U	0.00004 U	0.00004 U	0.1 U	0.000075 U

Table A-5
Groundwater – Metals (Dissolved and Total)

Well	Sample Date	Sample ID	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
			mg/L	mg/L	mg/L	mg/L	mg/L
MW-1	2023-11-21	WH1-231121-	0.000075 U	0.000108	0.000382	0.00105	0.0005 U
MW-1	2024-02-21	WH1-240221-	0.000075 U	0.000118	0.00136	0.0005 U	0.00143
MW-1	2024-05-23	WH1-240523-	0.000075 U	0.0001	0.000696 D	0.0005 U	0.000613
MW-1	2024-08-19	WH1-240819-	0.000075 U	0.000181	0.000377 D	0.0005 U	0.0005 U
MW-4	2023-11-27	WH4-231127-	0.000075 U	0.000124	0.000231	0.0005 U	0.0005 U
MW-4	2023-11-27	WH4-231127D	0.000075 U	0.000128	0.00022	0.0005 U	0.0005 U
MW-4	2024-02-21	WH4-240221-	0.000075 U	0.000179	0.000523	0.0005 U	0.0005 U
MW-4	2024-05-23	WH4-240523-	0.000075 U	0.000201	0.000437 D	0.0005 U	0.0005 U
MW-4	2024-08-19	WH4-240819-	0.000075 U	0.000317	0.000231 D	0.0005 U	0.0005 U
MW-6	2023-11-28	WH6-231128-	0.000075 U	0.00142	0.00149	0.0005 U	0.00316
MW-6	2024-02-22	WH6-240222-	0.000075 U	0.00174	0.00171	0.0005 U	0.0005 U
MW-6	2024-05-30	WH6-240530-	0.000075 U	0.0016	0.00163 D	0.0005 U	0.0005 U
MW-6	2024-08-19	WH6-240819-	0.000075 U	0.00167	0.00176 D	0.0005 U	0.0005 U
MW-10	2023-11-21	WH10231121-	0.000075 U	0.000075 U	0.0000924	0.00142	0.00154
MW-10	2024-02-22	WH10240222-	0.000075 U	0.000133	0.00016	0.00108	0.00111

Well	Sample Date	Sample ID	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
			mg/L	mg/L	mg/L	mg/L	mg/L
MW-10	2024-05-28	WH10240528-	0.000075 U	0.000143	0.000167 D	0.00113	0.0011
MW-10	2024-08-19	WH10240819-	0.000075 U	0.000232	0.00024 D	0.00141	0.00148
MW-11	2023-11-21	WH11231121-	0.000075 U	0.000247	0.000263	0.0005 U	0.0005 U
MW-11	2024-02-22	WH11240222-	0.000075 U	0.000246	0.000262	0.0005 U	0.0005 U
MW-11	2024-05-28	WH11240528-	0.000075 U	0.000279	0.000261 D	0.0005 U	0.0005 U
MW-11	2024-08-20	WH11240820-	0.000075 U	0.000528	0.000445 D	0.0005 U	0.0005 U
MW-18	2023-11-21	WH18231121-	0.000075 U	0.000126	0.000153	0.0005 U	0.0005 U
MW-18	2024-02-22	WH18240222-	0.000075 U	0.000204	0.000219	0.0005 U	0.0005 U
MW-18	2024-05-28	WH18240528-	0.000075 U	0.000241	0.000234 D	0.0005 U	0.0005 U
MW-18	2024-08-19	WH18240819-	0.000075 U	0.000421	0.000334 D	0.0005 U	0.0005 U
MW-26	2023-11-27	WH26231127-	0.000075 U	0.000241	0.000348	0.000525	0.00055
MW-26	2024-02-22	WH26240222-	0.000075 U	0.000272	0.000343	0.0005 U	0.0005 U
MW-26	2024-05-30	WH26240530-	0.000075 U	0.000314	0.000399 D	0.000551	0.000629
MW-26	2024-08-21	WH26240821-	0.000075 U	0.00018	0.000405	0.00087	0.00145
MW-3	2023-11-27	WH3-231127-	0.000075 U	0.00163	0.00164	0.0005 U	0.0005 U
MW-3	2024-02-21	WH3-240221-	0.000075 U	0.00163	0.00164	0.0005 U	0.0005 U
MW-3	2024-05-23	WH3-240523-	0.000075 U	0.00162	0.00168 D	0.0005 U	0.0005 U

Well	Sample Date	Sample ID	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
			mg/L	mg/L	mg/L	mg/L	mg/L
MW-3	2024-08-19	WH3-240819-	0.000075 U	0.00176	0.00172 D	0.0005 U	0.0005 U
MW-7	2023-11-21	WH7-231121-	0.000075 U	0.00232	0.00233	0.0005 U	0.0005 U
MW-7	2024-02-21	WH7-240221-	0.000075 U	0.00227	0.00227	0.0005 U	0.0005 U
MW-7	2024-05-23	WH7-240523-	0.000075 U	0.0021	0.00212 D	0.0005 U	0.0005 U
MW-7	2024-08-19	WH7-240819-	0.000075 U	0.00221	0.00212 D	0.0005 U	0.0005 U
MW-25	2023-11-21	WH25231121-	0.000075 U	0.0028	0.00276	0.0005 U	0.0005 U
MW-25	2024-02-22	WH25240222-	0.000075 U	0.00298	0.00295	0.0005 U	0.0005 U
MW-25	2024-05-28	WH25240528-	0.000075 U	0.00282	0.00284 D	0.0005 U	0.0005 U
MW-25	2024-08-20	WH25240820-	0.000075 U	0.00308	0.00294 D	0.0005 U	0.0005 U
FIELD BLANK	2024-02-22	WH11240222F	0.000075 U	0.000075 U	0.000075 U	0.0005 U	0.00057
FIELD BLANK	2024-05-23	WH1-240523F	0.000075 U	0.000075 U	0.000075 DU	0.0005 U	0.0005 U
FIELD BLANK	2024-08-19	WH18240819F	0.000075 U	0.000188	0.000298 D	0.0005 U	0.0005 U

Table A-6
Groundwater – Volatile Organic Compounds

Well	Sample Date	Sample ID	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dibromo-3-Chloropropane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	2023-11-21	WH1-231121-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-1	2024-02-21	WH1-240221-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-1	2024-05-23	WH1-240523-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-1	2024-08-19	WH1-240819-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-4	2023-11-27	WH4-231127-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-4	2023-11-27	WH4-231127D	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-4	2024-02-21	WH4-240221-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-4	2024-05-23	WH4-240523-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-4	2024-08-19	WH4-240819-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-6	2023-11-28	WH6-231128-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-6	2024-02-22	WH6-240222-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-6	2024-05-30	WH6-240530-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-6	2024-08-19	WH6-240819-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-10	2023-11-21	WH10231121-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U

Well	Sample Date	Sample ID	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dibromo-3-Chloropropane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	2024-02-22	WH10240222-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-10	2024-05-28	WH10240528-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-10	2024-08-19	WH10240819-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-11	2023-11-21	WH11231121-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-11	2024-02-22	WH11240222-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-11	2024-05-28	WH11240528-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-11	2024-08-20	WH11240820-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-18	2023-11-21	WH18231121-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-18	2024-02-22	WH18240222-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-18	2024-05-28	WH18240528-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-18	2024-08-19	WH18240819-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-26	2023-11-27	WH26231127-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-26	2024-02-22	WH26240222-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-26	2024-05-30	WH26240530-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-26	2024-08-21	WH26240821-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-3	2023-11-27	WH3-231127-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U

Well	Sample Date	Sample ID	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dibromo-3-Chloropropane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	2024-02-21	WH3-240221-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-3	2024-05-23	WH3-240523-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-3	2024-08-19	WH3-240819-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-7	2023-11-21	WH7-231121-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-7	2024-02-21	WH7-240221-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-7	2024-05-23	WH7-240523-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-7	2024-08-19	WH7-240819-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-25	2023-11-21	WH25231121-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-25	2024-02-22	WH25240222-	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
MW-25	2024-05-28	WH25240528-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
MW-25	2024-08-20	WH25240820-	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
FIELD BLANK	2024-02-22	WH11240222F	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
FIELD BLANK	2024-05-23	WH1-240523F	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
FIELD BLANK	2024-08-19	WH18240819F	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
VOA TRIP BLANK	2023-11-20	VTRP231121X	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U

Well	Sample Date	Sample ID	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dibromo-3-Chloropropane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOA TRIP BLANK	2023-11-20	VTRP231121Y2	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
VOA TRIP BLANK	2023-11-21	VTRP231127Y	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
VOA TRIP BLANK	2023-11-21	VTRP231128Y	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
VOA TRIP BLANK	2024-02-20	VTRP240221X	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
VOA TRIP BLANK	2024-02-20	VTRP240221Y	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
VOA TRIP BLANK	2024-02-20	VTRP240222X	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
VOA TRIP BLANK	2024-02-20	VTRP240222Y	0.1 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	2.5 U
VOA TRIP BLANK	2024-05-17	VTRP240523X	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
VOA TRIP BLANK	2024-05-17	VTRP240523Z	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
VOA TRIP BLANK	2024-05-22	VTRP240528X	0.1 HU	0.1 HU	0.1 HU	0.2 HU	0.1 HU	0.2 HU	0.2 HU
VOA TRIP BLANK	2024-05-22	VTRP240528Z	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
VOA TRIP BLANK	2024-05-28	VTRP240530X	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
VOA TRIP BLANK	2024-08-19	VTRP240819X	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
VOA TRIP BLANK	2024-08-19	VTRP240819Y	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
VOA TRIP BLANK	2024-08-19	VTRP240819Z	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U
VOA TRIP BLANK	2024-08-20	VTRP240820Y	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U

Well	Sample Date	Sample ID	1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dibromo-3-Chloropropane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOA TRIP BLANK	2024-08-21	VTRP240821Y	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U

Well	Sample Date	Sample ID	1,2-Dibromo ethane	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,2,3-Trichloro propane	1,4-Dichloro benzene	2-Butanone
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	2023-11-21	WH1-231121-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-1	2024-02-21	WH1-240221-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-1	2024-05-23	WH1-240523-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-1	2024-08-19	WH1-240819-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-4	2023-11-27	WH4-231127-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-4	2023-11-27	WH4-231127D	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-4	2024-02-21	WH4-240221-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-4	2024-05-23	WH4-240523-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-4	2024-08-19	WH4-240819-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-6	2023-11-28	WH6-231128-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-6	2024-02-22	WH6-240222-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-6	2024-05-30	WH6-240530-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-6	2024-08-19	WH6-240819-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-10	2023-11-21	WH10231121-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-10	2024-02-22	WH10240222-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U

Well	Sample Date	Sample ID	1,2-Dibromo ethane	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,2,3-Trichloro propane	1,4-Dichloro benzene	2-Butanone
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	2024-05-28	WH10240528-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-10	2024-08-19	WH10240819-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-11	2023-11-21	WH11231121-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-11	2024-02-22	WH11240222-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-11	2024-05-28	WH11240528-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-11	2024-08-20	WH11240820-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-18	2023-11-21	WH18231121-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-18	2024-02-22	WH18240222-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-18	2024-05-28	WH18240528-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-18	2024-08-19	WH18240819-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-26	2023-11-27	WH26231127-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-26	2024-02-22	WH26240222-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-26	2024-05-30	WH26240530-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-26	2024-08-21	WH26240821-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-3	2023-11-27	WH3-231127-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-3	2024-02-21	WH3-240221-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U

Well	Sample Date	Sample ID	1,2-Dibromo ethane	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,2,3-Trichloro propane	1,4-Dichloro benzene	2-Butanone
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	2024-05-23	WH3-240523-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-3	2024-08-19	WH3-240819-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-7	2023-11-21	WH7-231121-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-7	2024-02-21	WH7-240221-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-7	2024-05-23	WH7-240523-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-7	2024-08-19	WH7-240819-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-25	2023-11-21	WH25231121-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-25	2024-02-22	WH25240222-	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
MW-25	2024-05-28	WH25240528-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
MW-25	2024-08-20	WH25240820-	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
FIELD BLANK	2024-02-22	WH11240222F	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
FIELD BLANK	2024-05-23	WH1-240523F	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
FIELD BLANK	2024-08-19	WH18240819F	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
VOA TRIP BLANK	2023-11-20	VTRP231121X	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y2	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U

Well	Sample Date	Sample ID	1,2-Dibromo ethane	1,2-Dichloro benzene	1,2-Dichloro ethane	1,2-Dichloro propane	1,2,3-Trichloro propane	1,4-Dichloro benzene	2-Butanone
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOA TRIP BLANK	2023-11-21	VTRP231127Y	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
VOA TRIP BLANK	2023-11-21	VTRP231128Y	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
VOA TRIP BLANK	2024-02-20	VTRP240221X	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
VOA TRIP BLANK	2024-02-20	VTRP240221Y	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
VOA TRIP BLANK	2024-02-20	VTRP240222X	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
VOA TRIP BLANK	2024-02-20	VTRP240222Y	0.005 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U
VOA TRIP BLANK	2024-05-17	VTRP240523X	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
VOA TRIP BLANK	2024-05-17	VTRP240523Z	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
VOA TRIP BLANK	2024-05-22	VTRP240528X	0.005 U	0.1 HU	0.1 HU	0.1 HU	0.2 HU	0.1 HU	4 HU
VOA TRIP BLANK	2024-05-22	VTRP240528Z	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
VOA TRIP BLANK	2024-05-28	VTRP240530X	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
VOA TRIP BLANK	2024-08-19	VTRP240819X	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
VOA TRIP BLANK	2024-08-19	VTRP240819Y	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
VOA TRIP BLANK	2024-08-19	VTRP240819Z	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
VOA TRIP BLANK	2024-08-20	VTRP240820Y	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U
VOA TRIP BLANK	2024-08-21	VTRP240821Y	0.005 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	4 U

Well	Sample Date	Sample ID	2-Hexanone	4-Methyl-2-Pentanone	Acetone	Acrylonitrile	Benzene	Bromochloromethane	Bromodichloromethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	2023-11-21	WH1-231121-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-1	2024-02-21	WH1-240221-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-1	2024-05-23	WH1-240523-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-1	2024-08-19	WH1-240819-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-4	2023-11-27	WH4-231127-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-4	2023-11-27	WH4-231127D	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-4	2024-02-21	WH4-240221-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-4	2024-05-23	WH4-240523-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-4	2024-08-19	WH4-240819-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-6	2023-11-28	WH6-231128-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-6	2024-02-22	WH6-240222-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-6	2024-05-30	WH6-240530-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-6	2024-08-19	WH6-240819-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-10	2023-11-21	WH10231121-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-10	2024-02-22	WH10240222-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U

Well	Sample Date	Sample ID	2-Hexanone	4-Methyl-2-Pentanone	Acetone	Acrylonitrile	Benzene	Bromochloromethane	Bromodichloromethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	2024-05-28	WH10240528-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-10	2024-08-19	WH10240819-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-11	2023-11-21	WH11231121-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-11	2024-02-22	WH11240222-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-11	2024-05-28	WH11240528-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-11	2024-08-20	WH11240820-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-18	2023-11-21	WH18231121-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-18	2024-02-22	WH18240222-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-18	2024-05-28	WH18240528-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-18	2024-08-19	WH18240819-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-26	2023-11-27	WH26231127-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-26	2024-02-22	WH26240222-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-26	2024-05-30	WH26240530-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-26	2024-08-21	WH26240821-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-3	2023-11-27	WH3-231127-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-3	2024-02-21	WH3-240221-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-3	2024-05-23	WH3-240523-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U

Well	Sample Date	Sample ID	2-Hexanone	4-Methyl-2-Pentanone	Acetone	Acrylonitrile	Benzene	Bromochloromethane	Bromodichloromethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	2024-08-19	WH3-240819-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-7	2023-11-21	WH7-231121-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-7	2024-02-21	WH7-240221-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-7	2024-05-23	WH7-240523-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-7	2024-08-19	WH7-240819-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-25	2023-11-21	WH25231121-	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-25	2024-02-22	WH25240222-	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
MW-25	2024-05-28	WH25240528-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
MW-25	2024-08-20	WH25240820-	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
FIELD BLANK	2024-02-22	WH11240222F	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
FIELD BLANK	2024-05-23	WH1-240523F	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
FIELD BLANK	2024-08-19	WH18240819F	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
VOA TRIP BLANK	2023-11-20	VTRP231121X	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y2	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2023-11-21	VTRP231127Y	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2023-11-21	VTRP231128Y	0.5 U	2.5 U	5 U	0.035 DU	0.1 U	0.1 U	0.25 U

Well	Sample Date	Sample ID	2-Hexanone	4-Methyl-2-Pentanone	Acetone	Acrylonitrile	Benzene	Bromochloromethane	Bromodichloromethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOA TRIP BLANK	2024-02-20	VTRP240221X	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2024-02-20	VTRP240221Y	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2024-02-20	VTRP240222X	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2024-02-20	VTRP240222Y	0.5 U	2.5 U	2.5 U	0.035 DU	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2024-05-17	VTRP240523X	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
VOA TRIP BLANK	2024-05-17	VTRP240523Z	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
VOA TRIP BLANK	2024-05-22	VTRP240528X	4 HU	4 HU	4 HU	0.05 DHU	0.1 HU	0.1 HU	0.2 HU
VOA TRIP BLANK	2024-05-22	VTRP240528Z	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
VOA TRIP BLANK	2024-05-28	VTRP240530X	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
VOA TRIP BLANK	2024-08-19	VTRP240819X	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
VOA TRIP BLANK	2024-08-19	VTRP240819Y	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
VOA TRIP BLANK	2024-08-19	VTRP240819Z	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
VOA TRIP BLANK	2024-08-20	VTRP240820Y	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U
VOA TRIP BLANK	2024-08-21	VTRP240821Y	4 U	4 U	4 U	0.05 DU	0.1 U	0.1 U	0.2 U

Table A-6
Groundwater – Volatile Organic Compounds

Well	Sample Date	Sample ID	Bromoform	Bromo methane	Carbon Disulfide	Carbon Tetra chloride	Chloro benzene	Chlorodi bromo methane	Chloro ethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	2023-11-21	WH1-231121-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-1	2024-02-21	WH1-240221-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-1	2024-05-23	WH1-240523-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-1	2024-08-19	WH1-240819-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-4	2023-11-27	WH4-231127-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-4	2023-11-27	WH4-231127D	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-4	2024-02-21	WH4-240221-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-4	2024-05-23	WH4-240523-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-4	2024-08-19	WH4-240819-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-6	2023-11-28	WH6-231128-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-6	2024-02-22	WH6-240222-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-6	2024-05-30	WH6-240530-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-6	2024-08-19	WH6-240819-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-10	2023-11-21	WH10231121-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-10	2024-02-22	WH10240222-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U

Well	Sample Date	Sample ID	Bromoform	Bromo methane	Carbon Disulfide	Carbon Tetra chloride	Chloro benzene	Chlorodi bromo methane	Chloro ethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	2024-05-28	WH10240528-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-10	2024-08-19	WH10240819-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-11	2023-11-21	WH11231121-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-11	2024-02-22	WH11240222-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-11	2024-05-28	WH11240528-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-11	2024-08-20	WH11240820-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-18	2023-11-21	WH18231121-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-18	2024-02-22	WH18240222-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-18	2024-05-28	WH18240528-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-18	2024-08-19	WH18240819-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-26	2023-11-27	WH26231127-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-26	2024-02-22	WH26240222-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-26	2024-05-30	WH26240530-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-26	2024-08-21	WH26240821-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-3	2023-11-27	WH3-231127-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-3	2024-02-21	WH3-240221-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U

Well	Sample Date	Sample ID	Bromoform	Bromo methane	Carbon Disulfide	Carbon Tetra chloride	Chloro benzene	Chlorodi bromo methane	Chloro ethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	2024-05-23	WH3-240523-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-3	2024-08-19	WH3-240819-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-7	2023-11-21	WH7-231121-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-7	2024-02-21	WH7-240221-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-7	2024-05-23	WH7-240523-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-7	2024-08-19	WH7-240819-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-25	2023-11-21	WH25231121-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-25	2024-02-22	WH25240222-	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
MW-25	2024-05-28	WH25240528-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-25	2024-08-20	WH25240820-	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
FIELD BLANK	2024-02-22	WH11240222F	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
FIELD BLANK	2024-05-23	WH1-240523F	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
FIELD BLANK	2024-08-19	WH18240819F	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2023-11-20	VTRP231121X	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y2	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U

Well	Sample Date	Sample ID	Bromoform	Bromo methane	Carbon Disulfide	Carbon Tetra chloride	Chloro benzene	Chlorodi bromo methane	Chloro ethane
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOA TRIP BLANK	2023-11-21	VTRP231127Y	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2023-11-21	VTRP231128Y	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240221X	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240221Y	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240222X	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240222Y	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2024-05-17	VTRP240523X	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-05-17	VTRP240523Z	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-05-22	VTRP240528X	0.2 HU	0.1 HU	0.1 HU	0.2 HU	0.1 HU	0.2 HU	0.1 HU
VOA TRIP BLANK	2024-05-22	VTRP240528Z	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-05-28	VTRP240530X	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-19	VTRP240819X	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-19	VTRP240819Y	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-19	VTRP240819Z	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-20	VTRP240820Y	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-21	VTRP240821Y	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U

Well	Sample Date	Sample ID	Chloroform	Chloro methane	Cis-1,2-Dichloro ethene	Cis-1,3-Dichloro propene	Dibromo methane	Dichloro difluoro methane	Ethyl benzene
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	2023-11-21	WH1-231121-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-1	2024-02-21	WH1-240221-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-1	2024-05-23	WH1-240523-	0.1 U	0.2 GU	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-1	2024-08-19	WH1-240819-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-4	2023-11-27	WH4-231127-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-4	2023-11-27	WH4-231127D	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-4	2024-02-21	WH4-240221-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-4	2024-05-23	WH4-240523-	0.1 U	0.2 GU	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-4	2024-08-19	WH4-240819-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-6	2023-11-28	WH6-231128-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-6	2024-02-22	WH6-240222-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-6	2024-05-30	WH6-240530-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-6	2024-08-19	WH6-240819-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-10	2023-11-21	WH10231121-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-10	2024-02-22	WH10240222-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U

Well	Sample Date	Sample ID	Chloroform	Chloro methane	Cis-1,2-Dichloro ethene	Cis-1,3-Dichloro propene	Dibromo methane	Dichloro difluoro methane	Ethyl benzene
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	2024-05-28	WH10240528-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-10	2024-08-19	WH10240819-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-11	2023-11-21	WH11231121-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-11	2024-02-22	WH11240222-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-11	2024-05-28	WH11240528-	0.1 U	0.2 GU	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-11	2024-08-20	WH11240820-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-18	2023-11-21	WH18231121-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-18	2024-02-22	WH18240222-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-18	2024-05-28	WH18240528-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-18	2024-08-19	WH18240819-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-26	2023-11-27	WH26231127-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-26	2024-02-22	WH26240222-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-26	2024-05-30	WH26240530-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-26	2024-08-21	WH26240821-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-3	2023-11-27	WH3-231127-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.167 LT	0.1 U
MW-3	2024-02-21	WH3-240221-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U

Well	Sample Date	Sample ID	Chloroform	Chloro methane	Cis-1,2-Dichloro ethene	Cis-1,3-Dichloro propene	Dibromo methane	Dichloro difluoro methane	Ethyl benzene
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	2024-05-23	WH3-240523-	0.1 U	0.2 GU	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-3	2024-08-19	WH3-240819-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-7	2023-11-21	WH7-231121-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-7	2024-02-21	WH7-240221-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
MW-7	2024-05-23	WH7-240523-	0.1 U	0.2 GU	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-7	2024-08-19	WH7-240819-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
MW-25	2023-11-21	WH25231121-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.547 L	0.1 U
MW-25	2024-02-22	WH25240222-	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.316	0.1 U
MW-25	2024-05-28	WH25240528-	0.1 U	0.2 GU	0.1 U	0.2 U	0.1 U	0.257	0.1 U
MW-25	2024-08-20	WH25240820-	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.397	0.1 U
FIELD BLANK	2024-02-22	WH11240222F	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
FIELD BLANK	2024-05-23	WH1-240523F	2.04	0.2 GU	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
FIELD BLANK	2024-08-19	WH18240819F	0.18 JT	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2023-11-20	VTRP231121X	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y2	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U

Well	Sample Date	Sample ID	Chloroform	Chloro methane	Cis-1,2-Dichloro ethene	Cis-1,3-Dichloro propene	Dibromo methane	Dichloro difluoro methane	Ethyl benzene
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOA TRIP BLANK	2023-11-21	VTRP231127Y	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2023-11-21	VTRP231128Y	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240221X	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240221Y	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240222X	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240222Y	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-05-17	VTRP240523X	0.1 U	0.2 GU	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-05-17	VTRP240523Z	0.1 U	0.2 GU	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-05-22	VTRP240528X	0.1 HU	0.2 HU	0.1 HU	0.2 HU	0.1 HU	0.2 HU	0.1 HU
VOA TRIP BLANK	2024-05-22	VTRP240528Z	0.1 U	0.2 GU	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-05-28	VTRP240530X	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-19	VTRP240819X	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-19	VTRP240819Y	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-19	VTRP240819Z	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-20	VTRP240820Y	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
VOA TRIP BLANK	2024-08-21	VTRP240821Y	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U

Well	Sample Date	Sample ID	M & P Xylene	Methyl Iodide	Methylene Chloride	O-Xylene	Styrene	Tetra chloro ethene	Toluene
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	2023-11-21	WH1-231121-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-1	2024-02-21	WH1-240221-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-1	2024-05-23	WH1-240523-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-1	2024-08-19	WH1-240819-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-4	2023-11-27	WH4-231127-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-4	2023-11-27	WH4-231127D	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-4	2024-02-21	WH4-240221-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-4	2024-05-23	WH4-240523-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-4	2024-08-19	WH4-240819-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-6	2023-11-28	WH6-231128-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-6	2024-02-22	WH6-240222-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-6	2024-05-30	WH6-240530-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-6	2024-08-19	WH6-240819-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-10	2023-11-21	WH10231121-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-10	2024-02-22	WH10240222-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U

Well	Sample Date	Sample ID	M & P Xylene	Methyl Iodide	Methylene Chloride	O-Xylene	Styrene	Tetra chloro ethene	Toluene
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	2024-05-28	WH10240528-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-10	2024-08-19	WH10240819-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-11	2023-11-21	WH11231121-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-11	2024-02-22	WH11240222-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-11	2024-05-28	WH11240528-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-11	2024-08-20	WH11240820-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-18	2023-11-21	WH18231121-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-18	2024-02-22	WH18240222-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-18	2024-05-28	WH18240528-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-18	2024-08-19	WH18240819-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-26	2023-11-27	WH26231127-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-26	2024-02-22	WH26240222-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-26	2024-05-30	WH26240530-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-26	2024-08-21	WH26240821-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-3	2023-11-27	WH3-231127-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-3	2024-02-21	WH3-240221-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U

Well	Sample Date	Sample ID	M & P Xylene	Methyl Iodide	Methylene Chloride	O-Xylene	Styrene	Tetra chloro ethene	Toluene
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	2024-05-23	WH3-240523-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-3	2024-08-19	WH3-240819-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-7	2023-11-21	WH7-231121-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-7	2024-02-21	WH7-240221-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-7	2024-05-23	WH7-240523-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-7	2024-08-19	WH7-240819-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-25	2023-11-21	WH25231121-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-25	2024-02-22	WH25240222-	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-25	2024-05-28	WH25240528-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-25	2024-08-20	WH25240820-	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
FIELD BLANK	2024-02-22	WH11240222F	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
FIELD BLANK	2024-05-23	WH1-240523F	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
FIELD BLANK	2024-08-19	WH18240819F	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2023-11-20	VTRP231121X	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2023-11-20	VTRP231121Y2	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U

Well	Sample Date	Sample ID	M & P Xylene	Methyl Iodide	Methylene Chloride	O-Xylene	Styrene	Tetra chloro ethene	Toluene
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOA TRIP BLANK	2023-11-21	VTRP231127Y	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2023-11-21	VTRP231128Y	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240221X	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240221Y	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240222X	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-02-20	VTRP240222Y	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-05-17	VTRP240523X	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-05-17	VTRP240523Z	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-05-22	VTRP240528X	0.1 HU	0.2 HU	2 HU	0.1 HU	0.1 HU	0.1 HU	0.1 HU
VOA TRIP BLANK	2024-05-22	VTRP240528Z	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-05-28	VTRP240530X	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-08-19	VTRP240819X	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-08-19	VTRP240819Y	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-08-19	VTRP240819Z	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-08-20	VTRP240820Y	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U
VOA TRIP BLANK	2024-08-21	VTRP240821Y	0.1 U	0.2 U	2 U	0.1 U	0.1 U	0.1 U	0.1 U

Well	Sample Date	Sample ID	Trans-1,2-Dichloroethene	Trans-1,3-Dichloropropene	Trans-1,4-Dichloro-2-Butene	Trichloroethene	Trichlorofluoromethane	Vinyl Acetate	Vinyl Chloride
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-1	2023-11-21	WH1-231121-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-1	2024-02-21	WH1-240221-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-1	2024-05-23	WH1-240523-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-1	2024-08-19	WH1-240819-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-4	2023-11-27	WH4-231127-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-4	2023-11-27	WH4-231127D	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-4	2024-02-21	WH4-240221-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-4	2024-05-23	WH4-240523-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-4	2024-08-19	WH4-240819-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-6	2023-11-28	WH6-231128-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-6	2024-02-22	WH6-240222-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-6	2024-05-30	WH6-240530-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-6	2024-08-19	WH6-240819-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-10	2023-11-21	WH10231121-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU

Well	Sample Date	Sample ID	Trans-1,2-Dichloroethene	Trans-1,3-Dichloropropene	Trans-1,4-Dichloro-2-Butene	Trichloroethene	Trichlorofluoromethane	Vinyl Acetate	Vinyl Chloride
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-10	2024-02-22	WH10240222-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-10	2024-05-28	WH10240528-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-10	2024-08-19	WH10240819-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-11	2023-11-21	WH11231121-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-11	2024-02-22	WH11240222-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-11	2024-05-28	WH11240528-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-11	2024-08-20	WH11240820-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-18	2023-11-21	WH18231121-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-18	2024-02-22	WH18240222-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-18	2024-05-28	WH18240528-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-18	2024-08-19	WH18240819-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-26	2023-11-27	WH26231127-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-26	2024-02-22	WH26240222-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-26	2024-05-30	WH26240530-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-26	2024-08-21	WH26240821-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-3	2023-11-27	WH3-231127-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU

Well	Sample Date	Sample ID	Trans-1,2-Dichloroethene	Trans-1,3-Dichloropropene	Trans-1,4-Dichloro-2-Butene	Trichloroethene	Trichlorofluoromethane	Vinyl Acetate	Vinyl Chloride
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MW-3	2024-02-21	WH3-240221-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-3	2024-05-23	WH3-240523-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-3	2024-08-19	WH3-240819-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-7	2023-11-21	WH7-231121-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-7	2024-02-21	WH7-240221-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-7	2024-05-23	WH7-240523-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-7	2024-08-19	WH7-240819-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-25	2023-11-21	WH25231121-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-25	2024-02-22	WH25240222-	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-25	2024-05-28	WH25240528-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
MW-25	2024-08-20	WH25240820-	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
FIELD BLANK	2024-02-22	WH11240222F	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
FIELD BLANK	2024-05-23	WH1-240523F	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
FIELD BLANK	2024-08-19	WH18240819F	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2023-11-20	VTRP231121X	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2023-11-20	VTRP231121Y	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU

Well	Sample Date	Sample ID	Trans-1,2-Dichloroethene	Trans-1,3-Dichloropropene	Trans-1,4-Dichloro-2-Butene	Trichloroethene	Trichlorofluoromethane	Vinyl Acetate	Vinyl Chloride
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOA TRIP BLANK	2023-11-20	VTRP231121Y2	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2023-11-21	VTRP231127Y	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2023-11-21	VTRP231128Y	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-02-20	VTRP240221X	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-02-20	VTRP240221Y	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-02-20	VTRP240222X	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-02-20	VTRP240222Y	0.1 U	0.5 U	1 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-05-17	VTRP240523X	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-05-17	VTRP240523Z	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-05-22	VTRP240528X	0.1 HU	0.2 HU	2.5 HU	0.1 HU	0.1 HU	0.2 HU	0.01 DHU
VOA TRIP BLANK	2024-05-22	VTRP240528Z	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-05-28	VTRP240530X	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-08-19	VTRP240819X	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-08-19	VTRP240819Y	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-08-19	VTRP240819Z	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU
VOA TRIP BLANK	2024-08-20	VTRP240820Y	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU

Well	Sample Date	Sample ID	Trans-1,2-Dichloroethene	Trans-1,3-Dichloropropene	Trans-1,4-Dichloro-2-Butene	Trichloroethene	Trichlorofluoromethane	Vinyl Acetate	Vinyl Chloride
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOA TRIP BLANK	2024-08-21	VTRP240821Y	0.1 U	0.2 U	2.5 U	0.1 U	0.1 U	0.2 U	0.01 DU

APPENDIX B

Time Concentration Plots

Groundwater Elevations
Field Parameters [pH, Conductance]
Conventional Parameters
Dissolved and Total Metals
Volatile Organic Compounds

Figure B-0A: Hobart Shallow Aquifer Groundwater and Leachate Elevations
1993 through September 2024

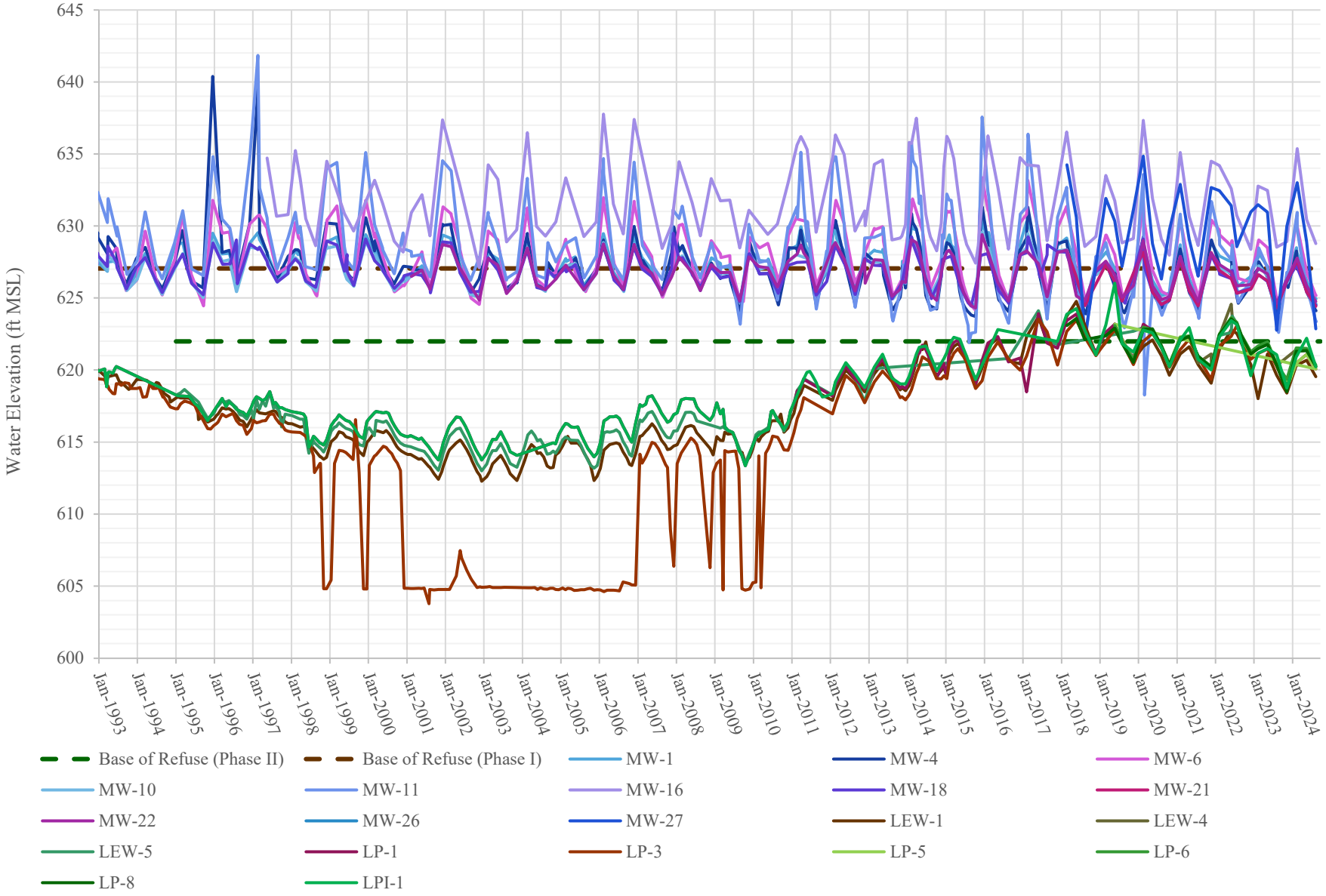


Figure B−1A
Shallow Aquifer
Alkalinity, Total (as CaCO3)

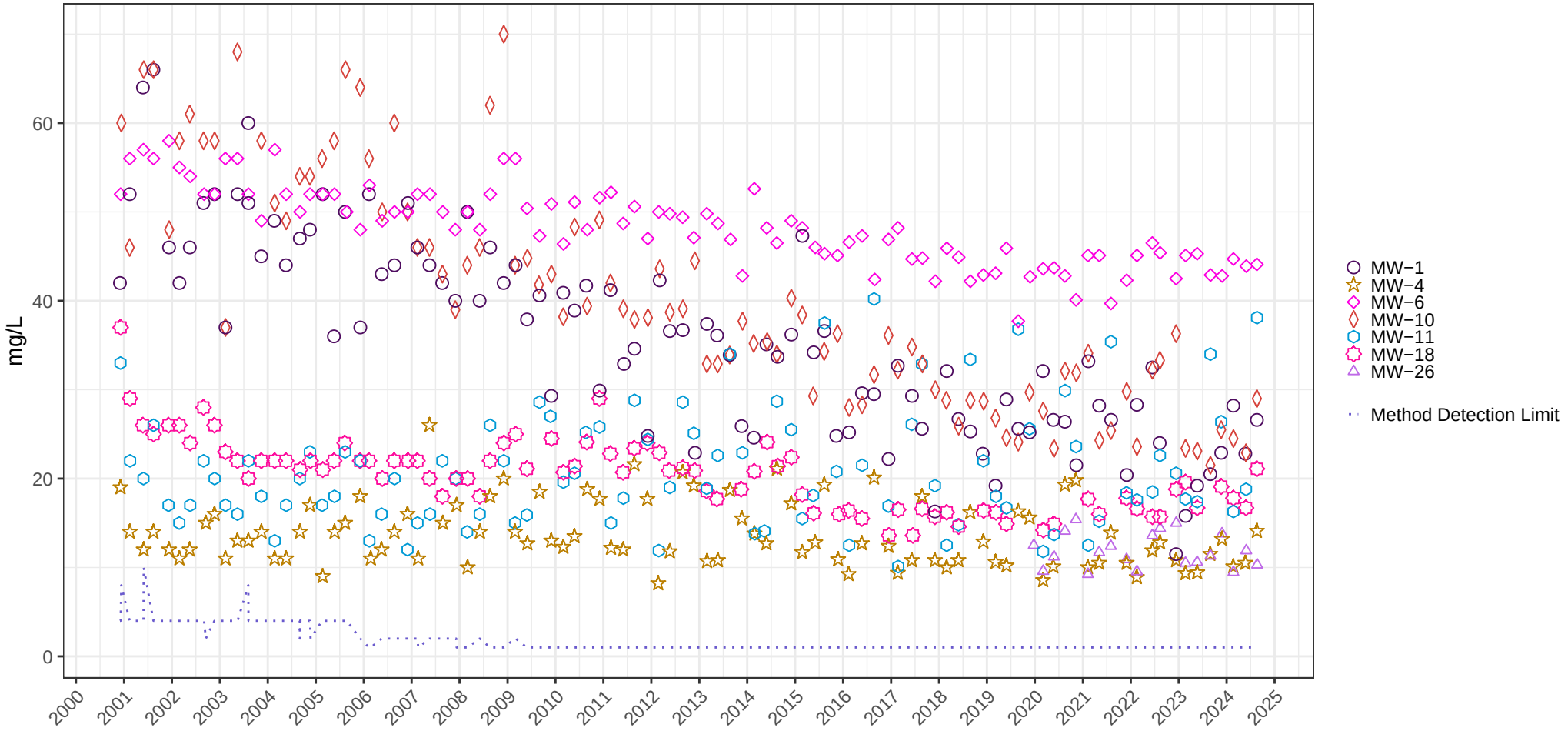


Figure B−2A
Shallow Aquifer
Ammonia As N

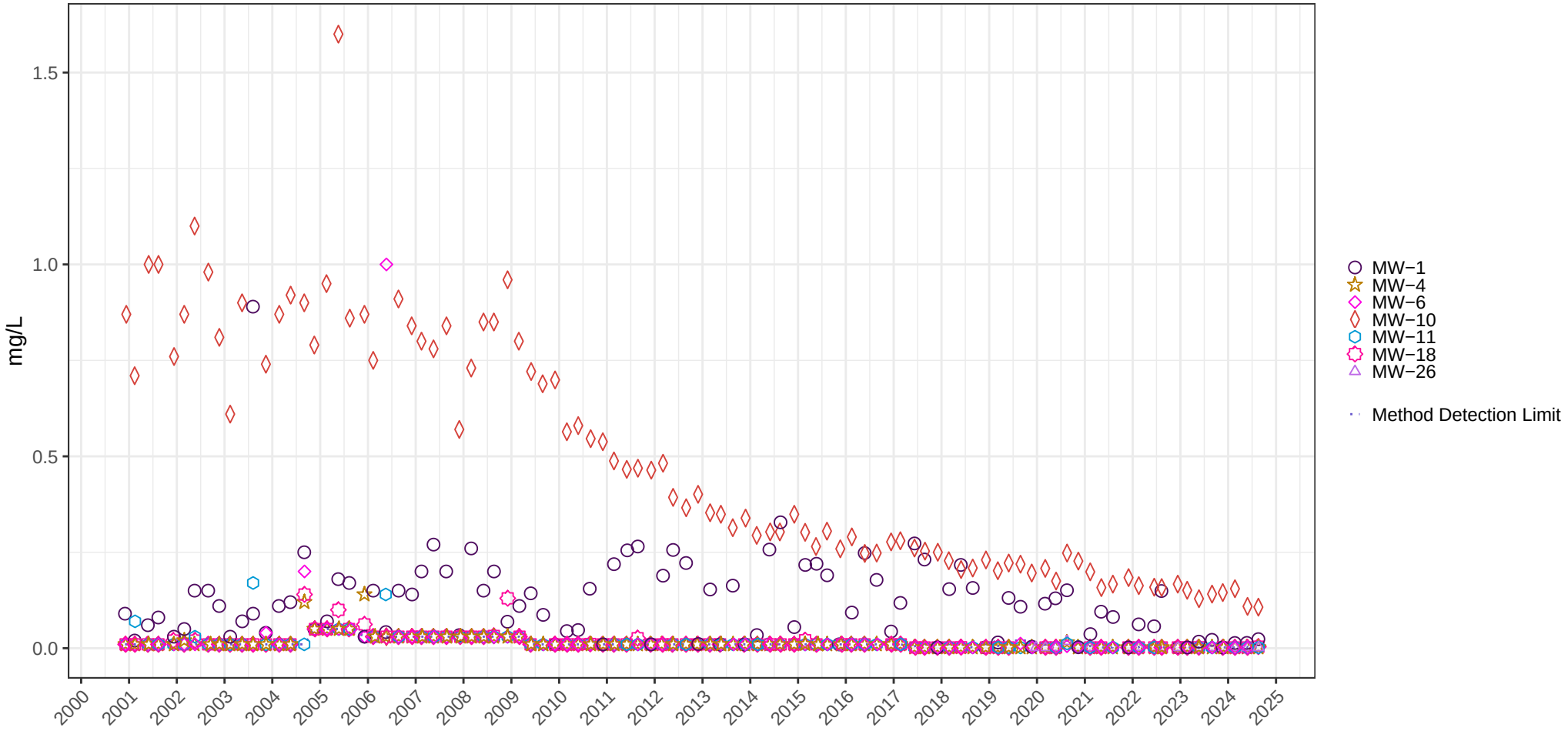
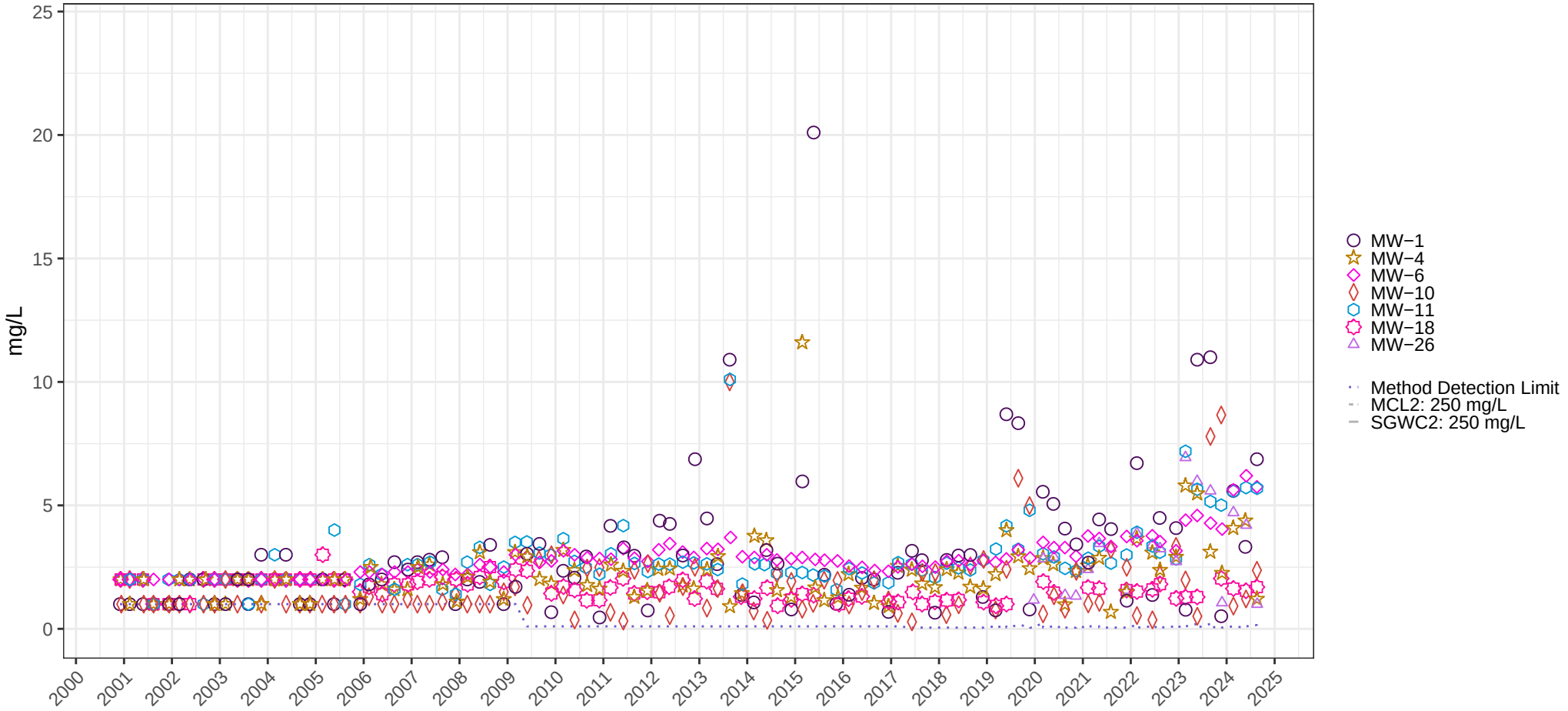
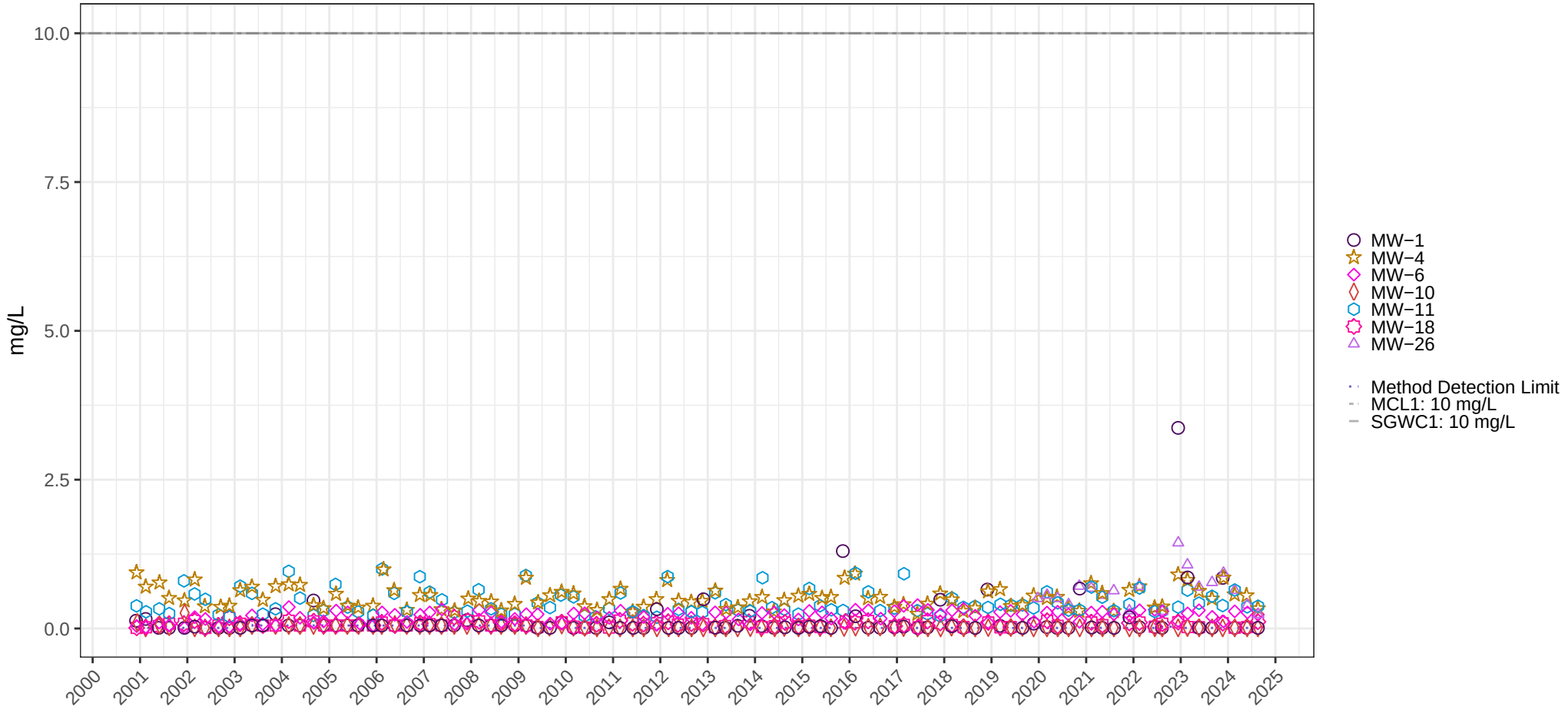


Figure B−3A
Shallow Aquifer
Chloride



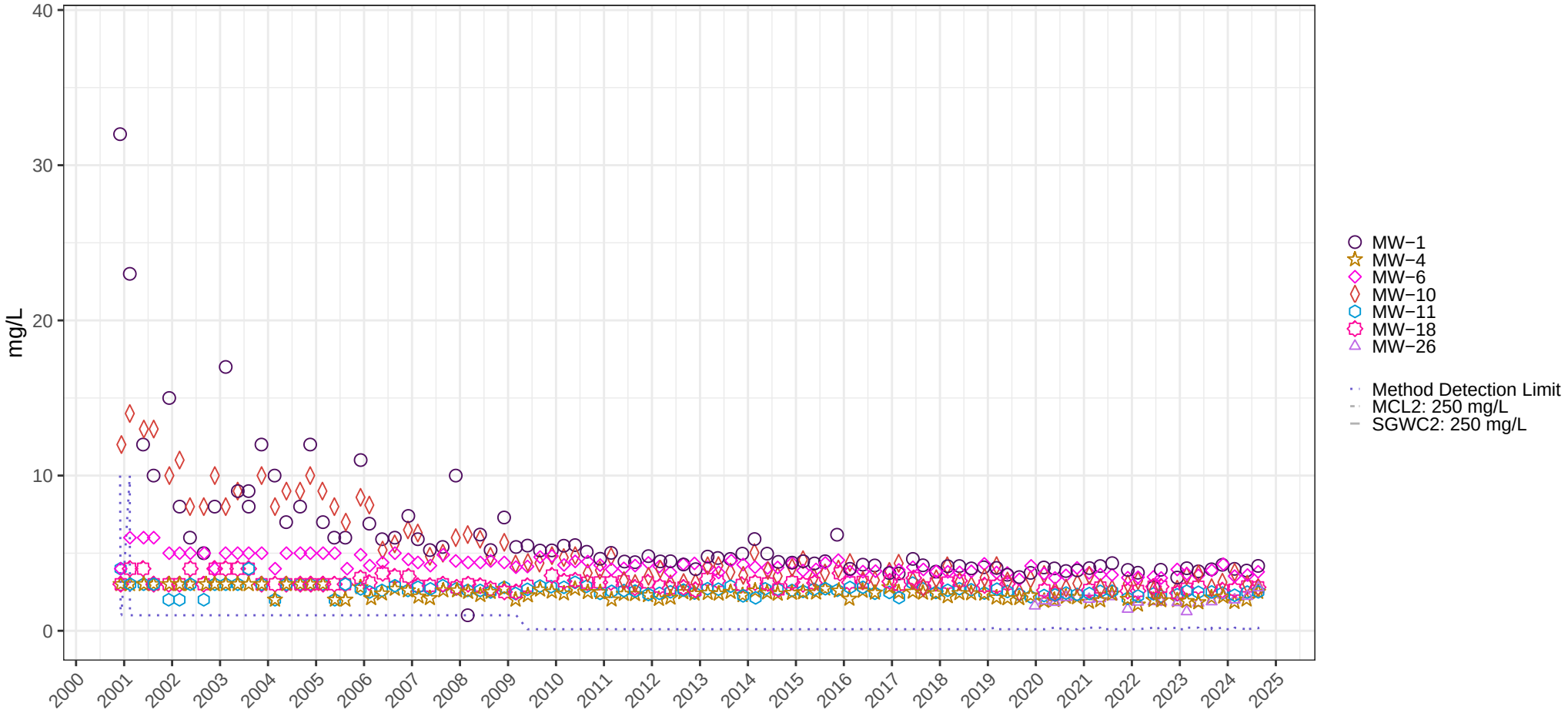
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−4A
Shallow Aquifer
Nitrate



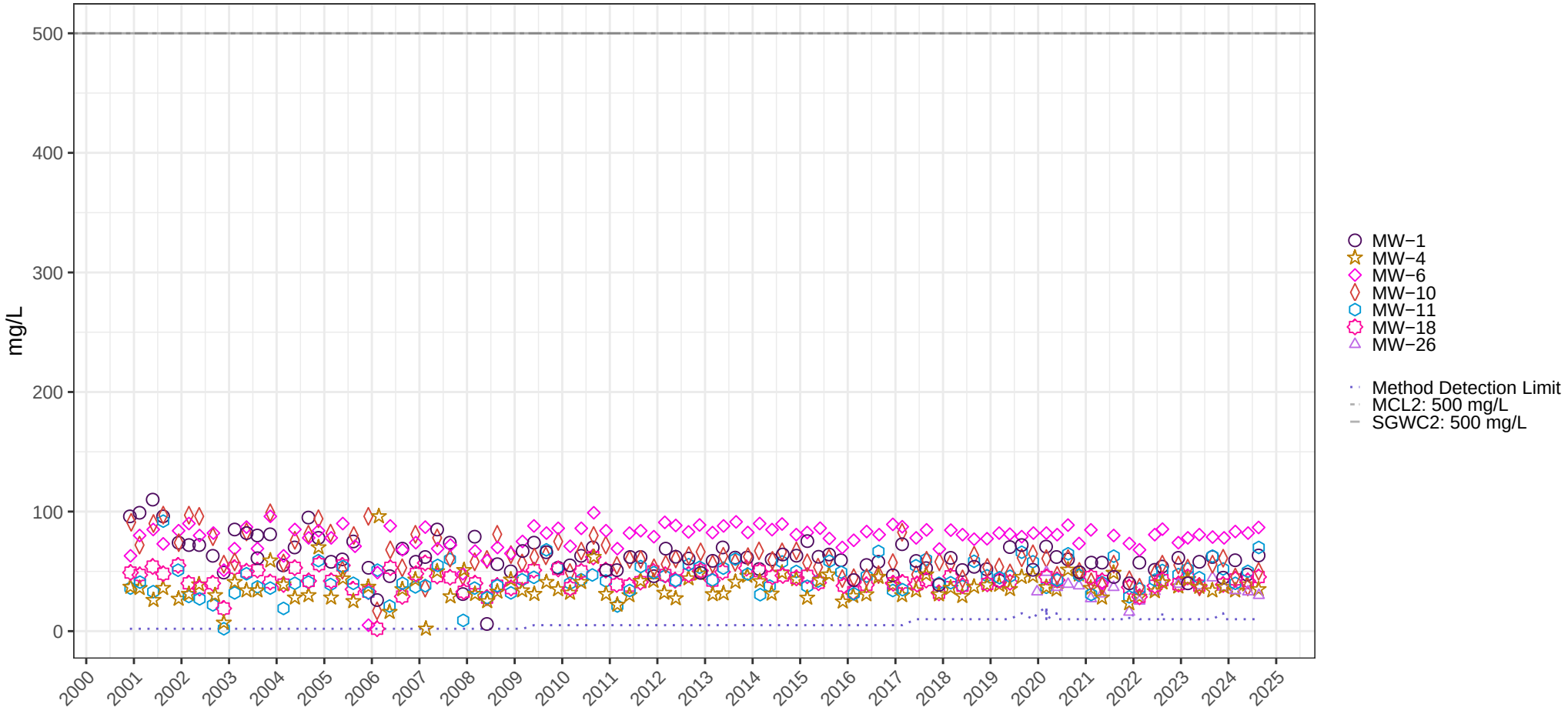
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−5A
Shallow Aquifer
Sulfate



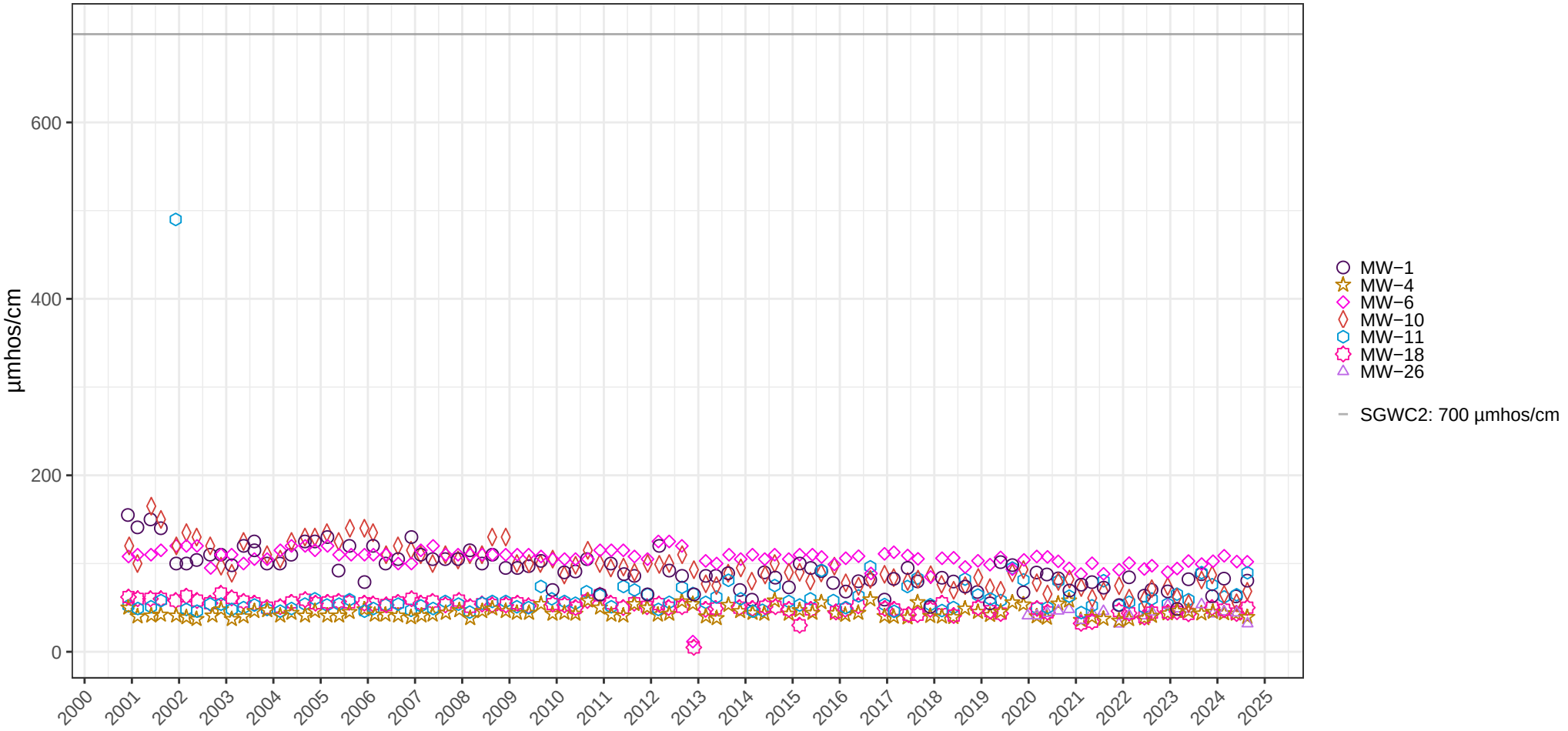
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−6A
Shallow Aquifer
Total Dissolved Solids



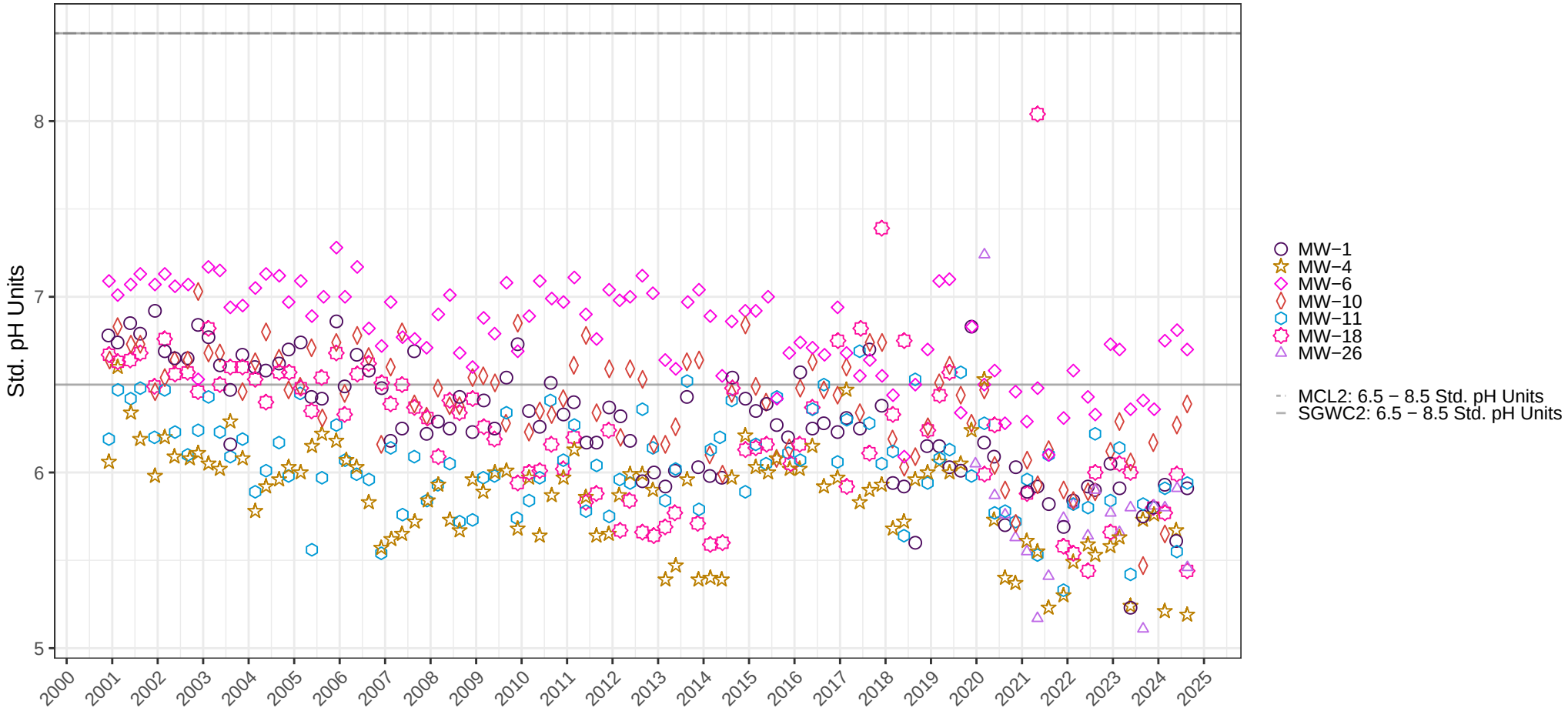
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−7A
Shallow Aquifer
Specific Conductivity, Field



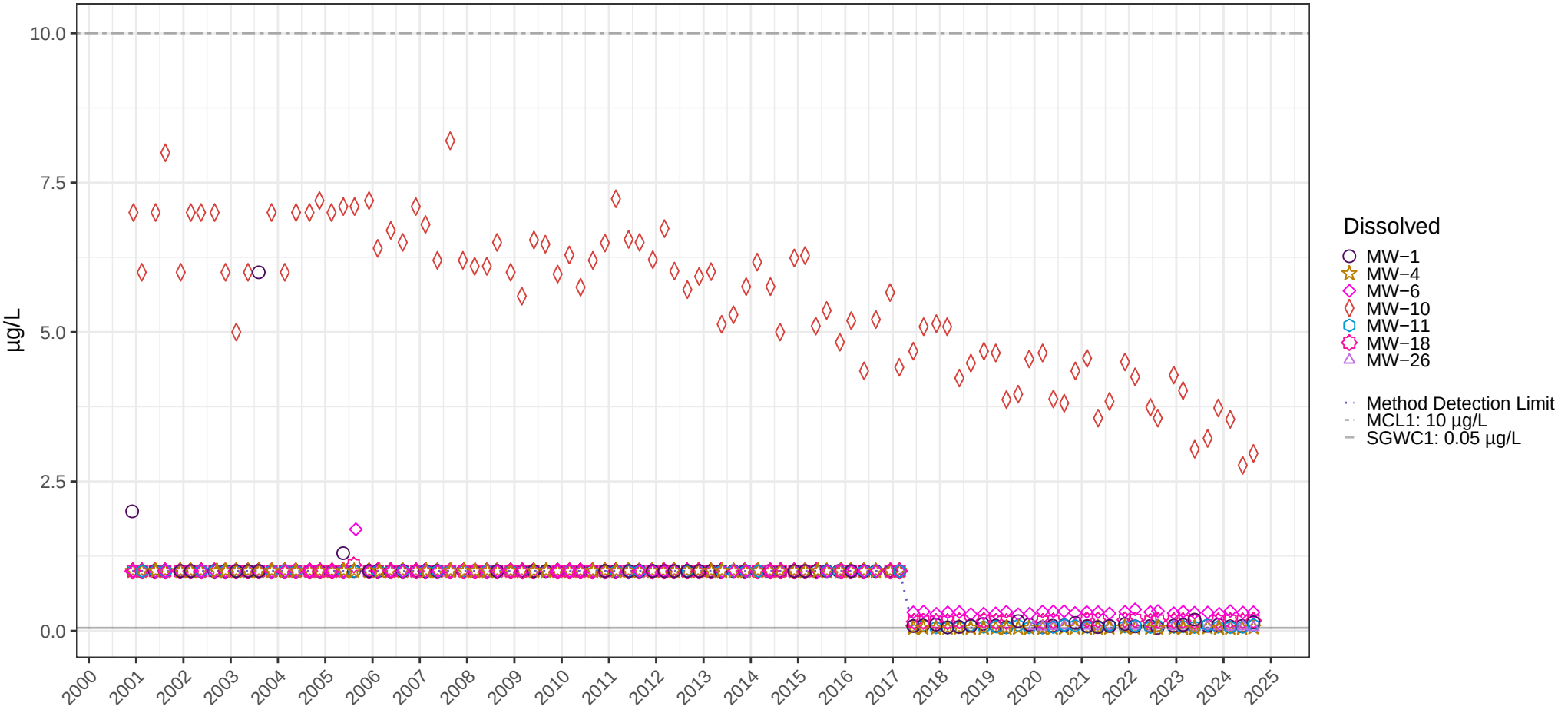
SGWC2: Washington State Secondary Groundwater Quality Criteria

Figure B−8A
Shallow Aquifer
pH, Field



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−9A
Shallow Aquifer
Arsenic



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−10A
Shallow Aquifer
Calcium

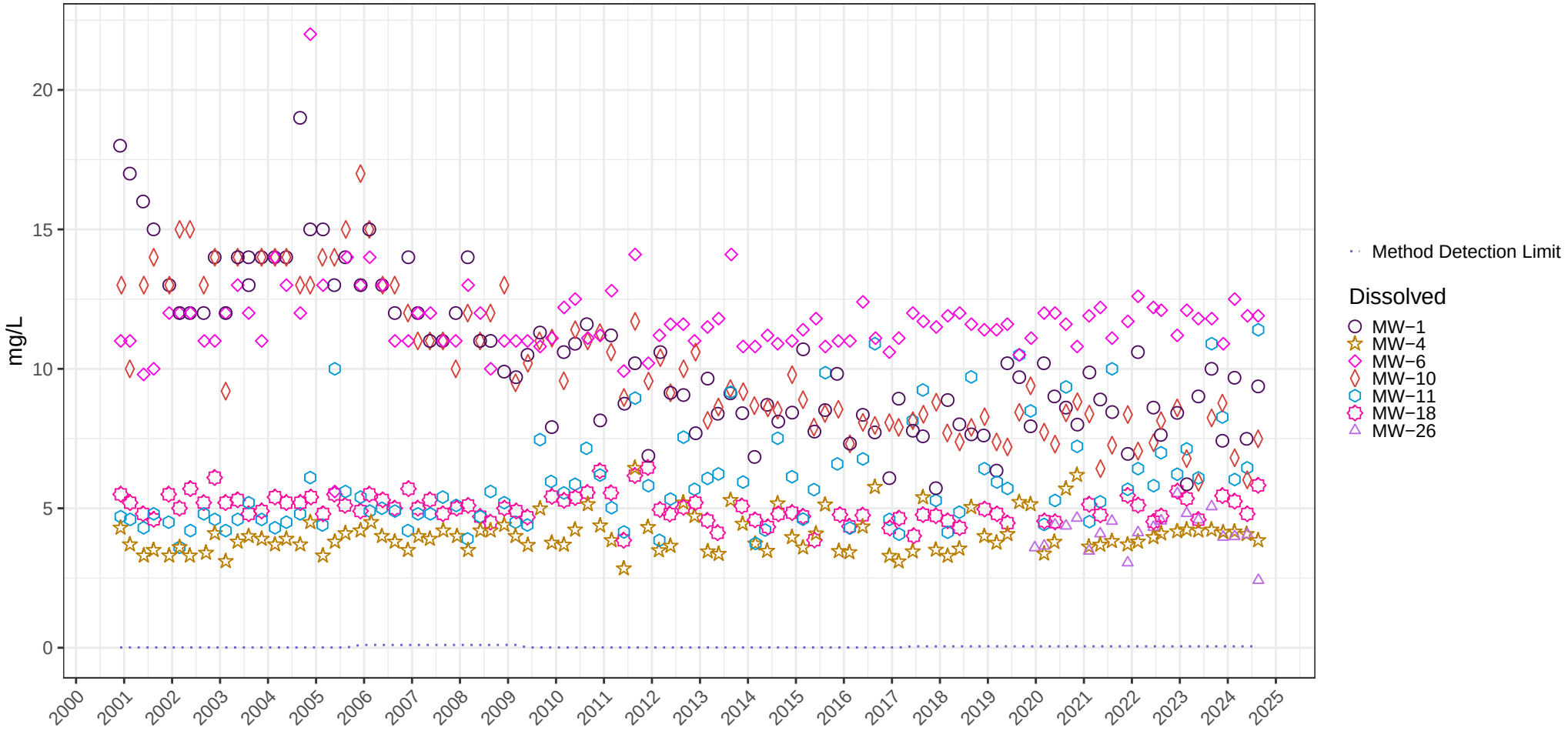
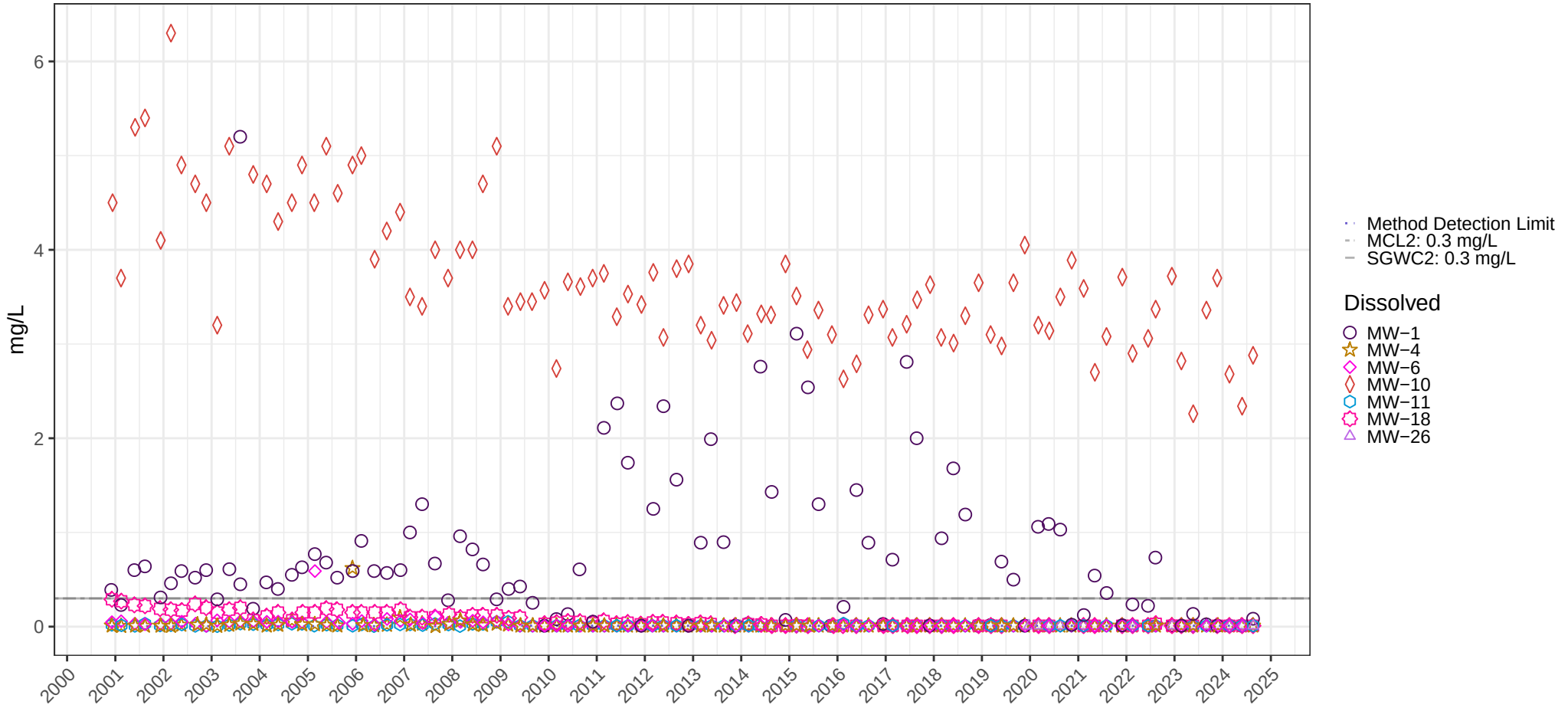


Figure B−11A
Shallow Aquifer
Iron



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−12A
Shallow Aquifer
Magnesium

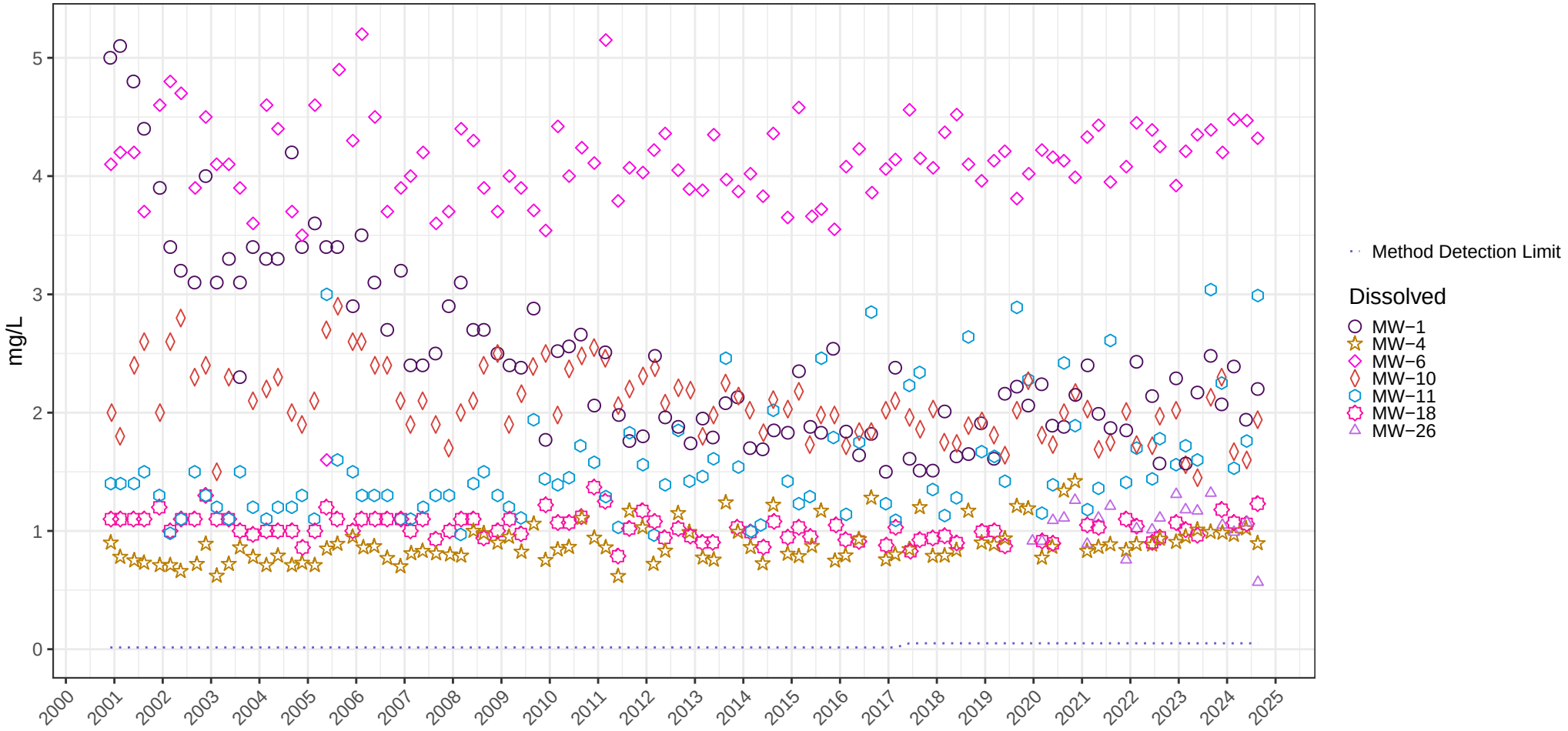
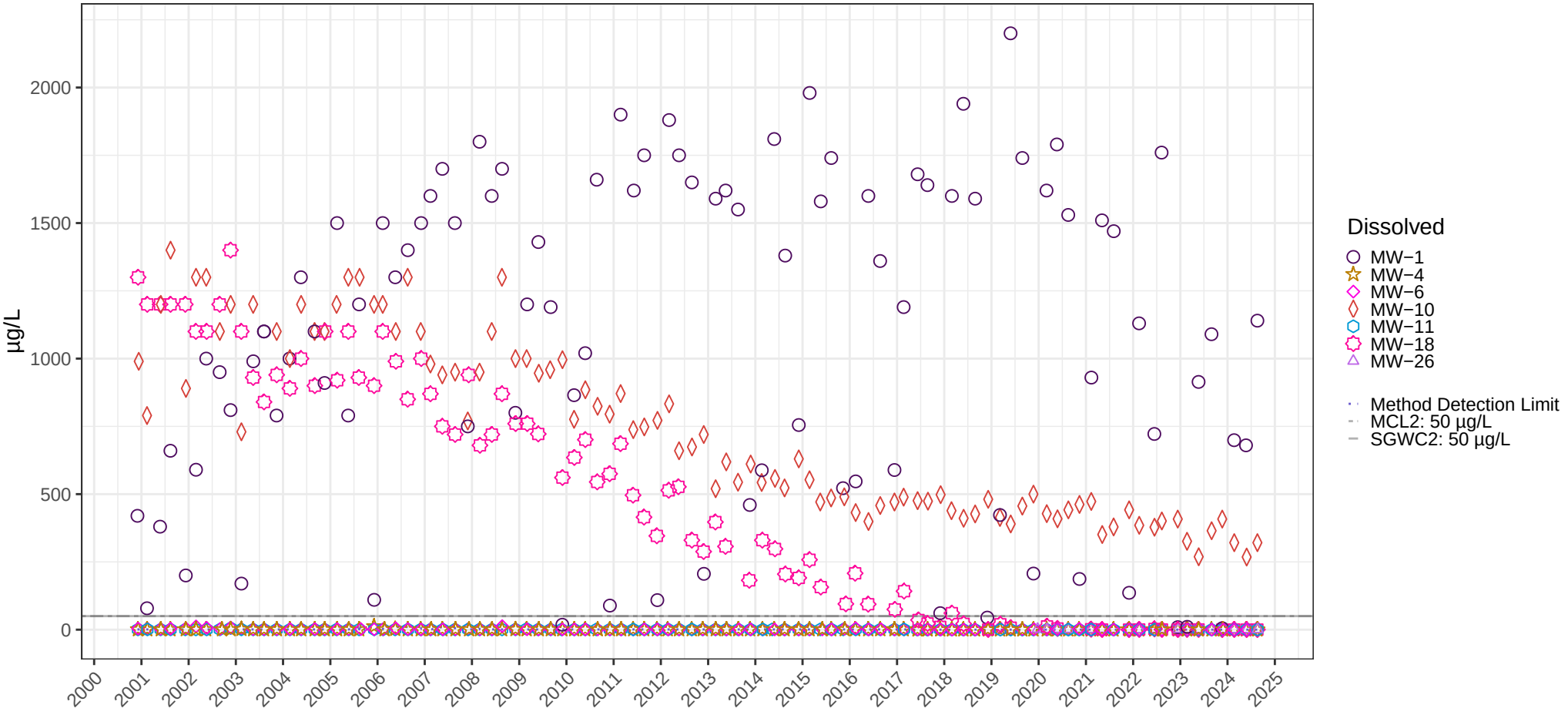


Figure B−13A
Shallow Aquifer
Manganese



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−14A
Shallow Aquifer
Potassium

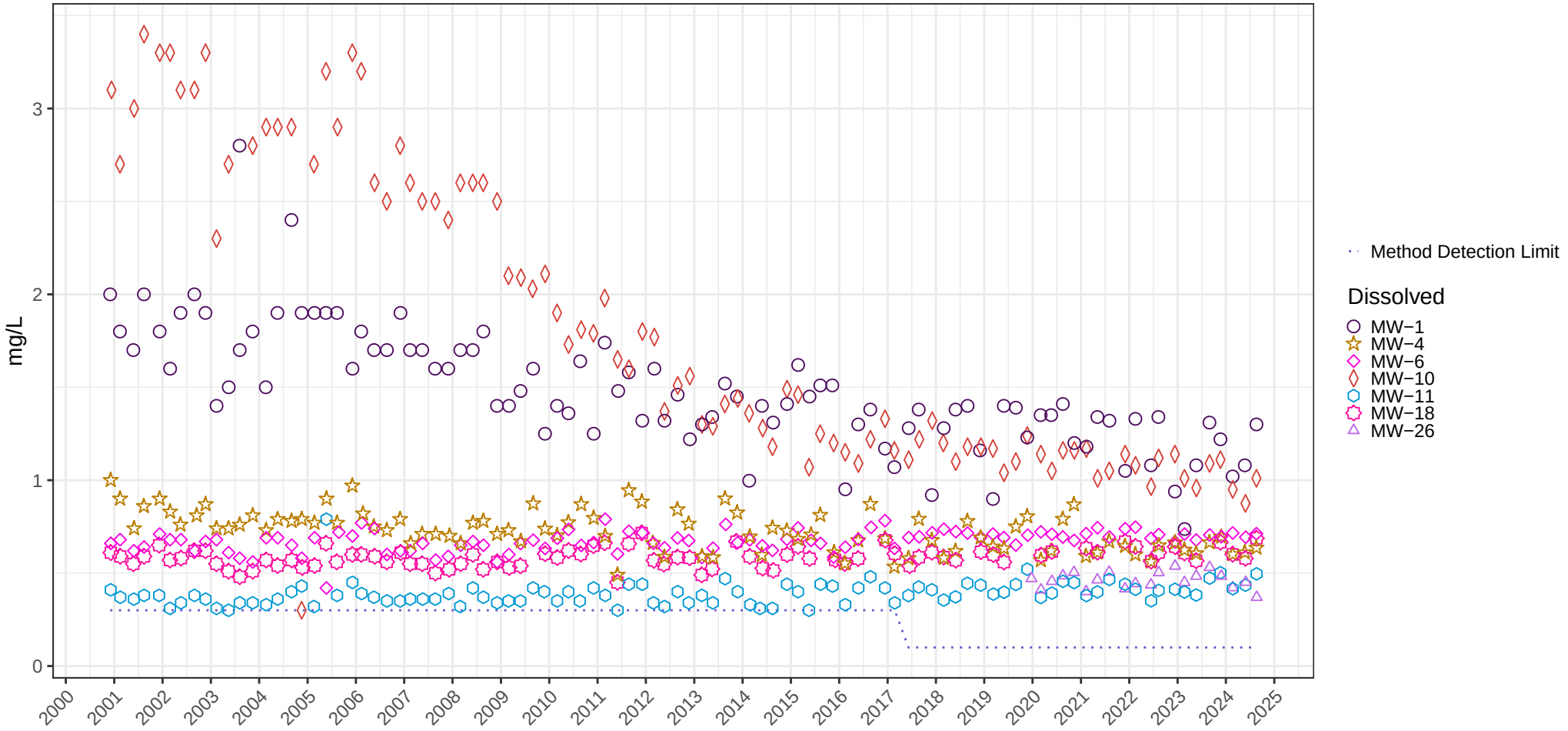
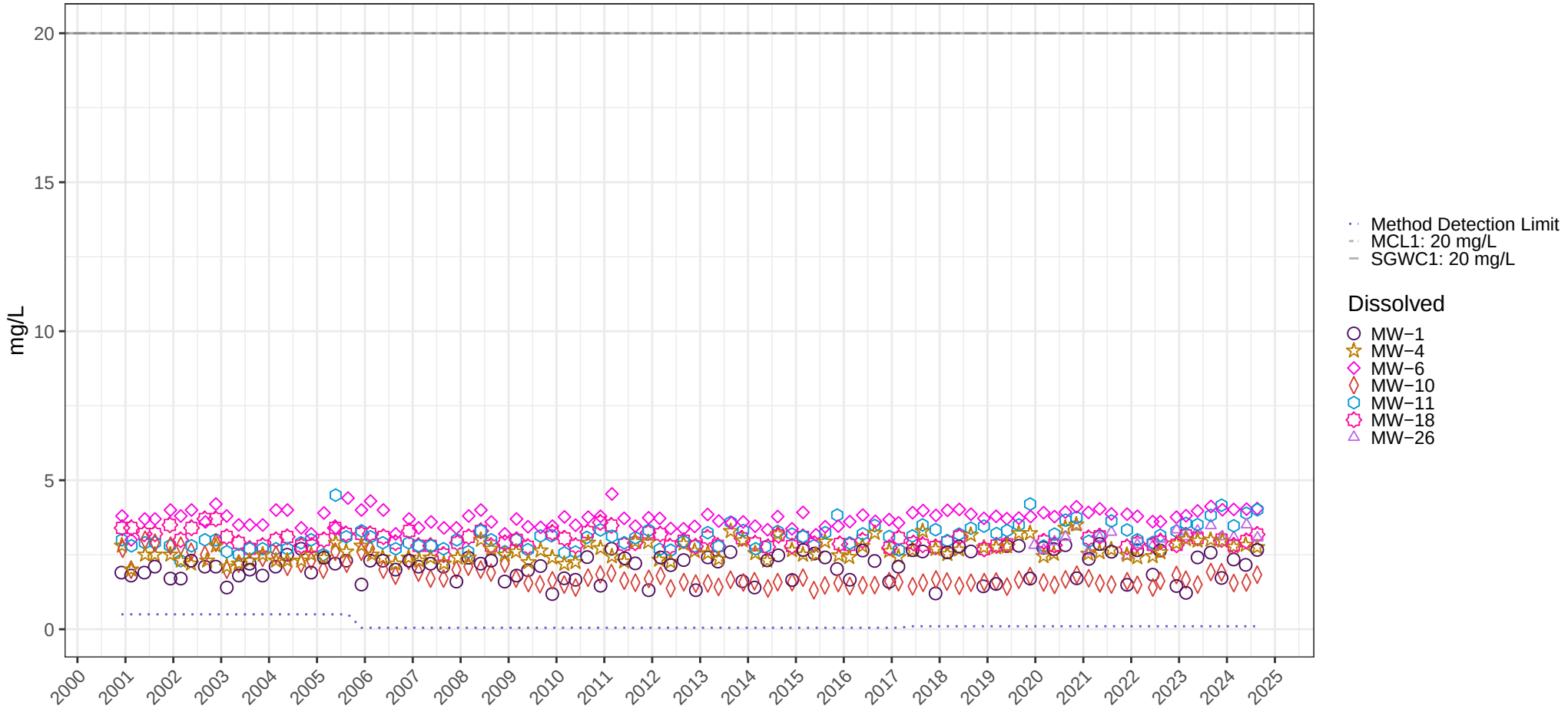
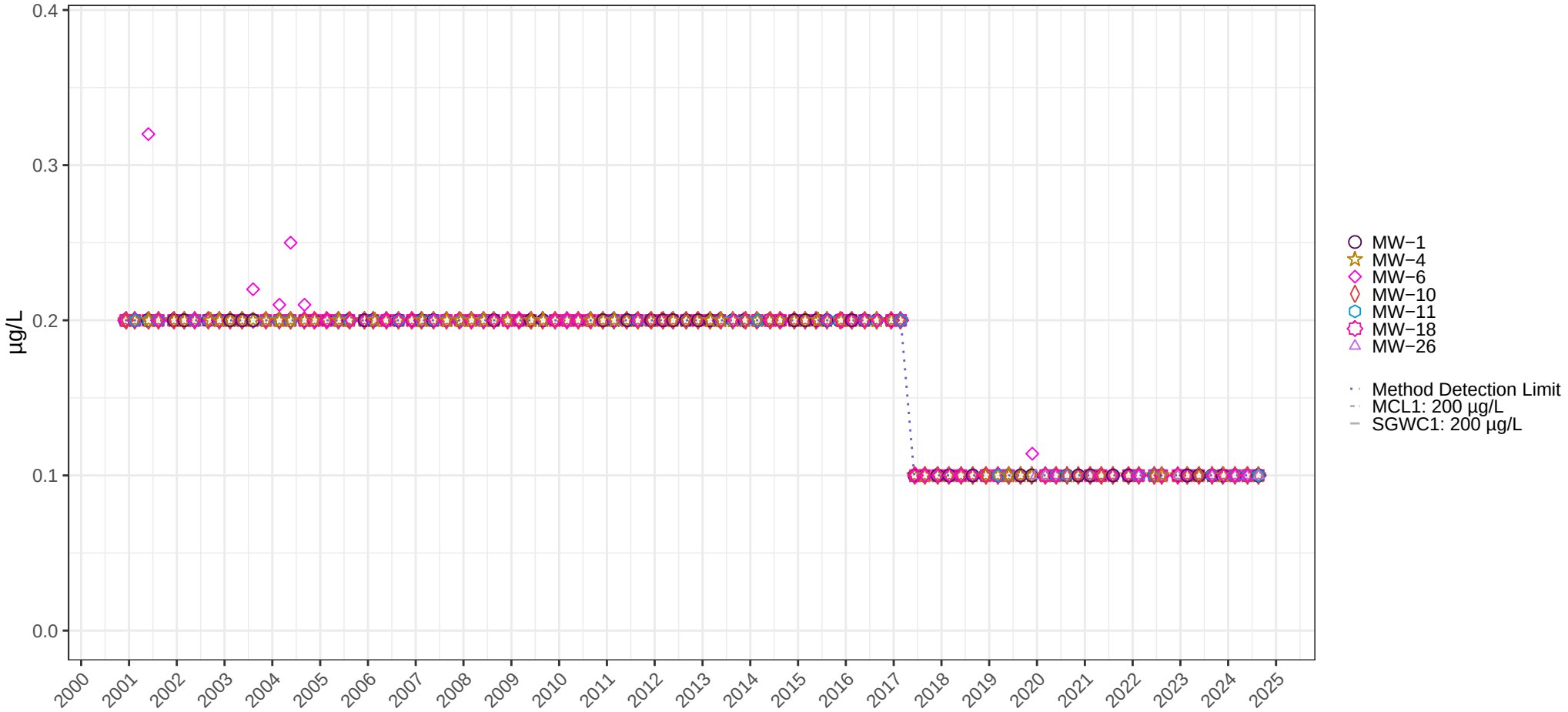


Figure B−15A
Shallow Aquifer
Sodium



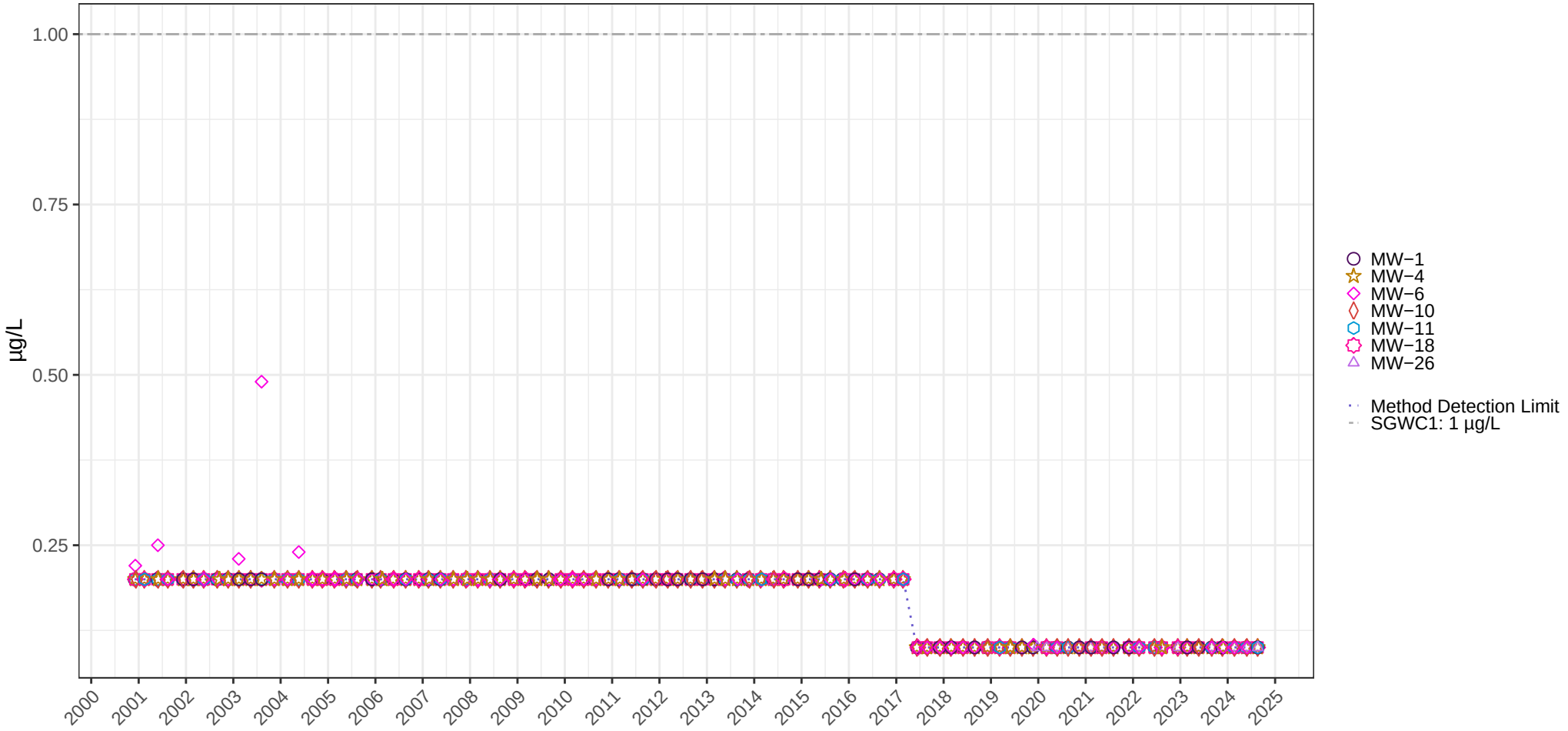
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−16A
Shallow Aquifer
1,1,1−Trichloroethane



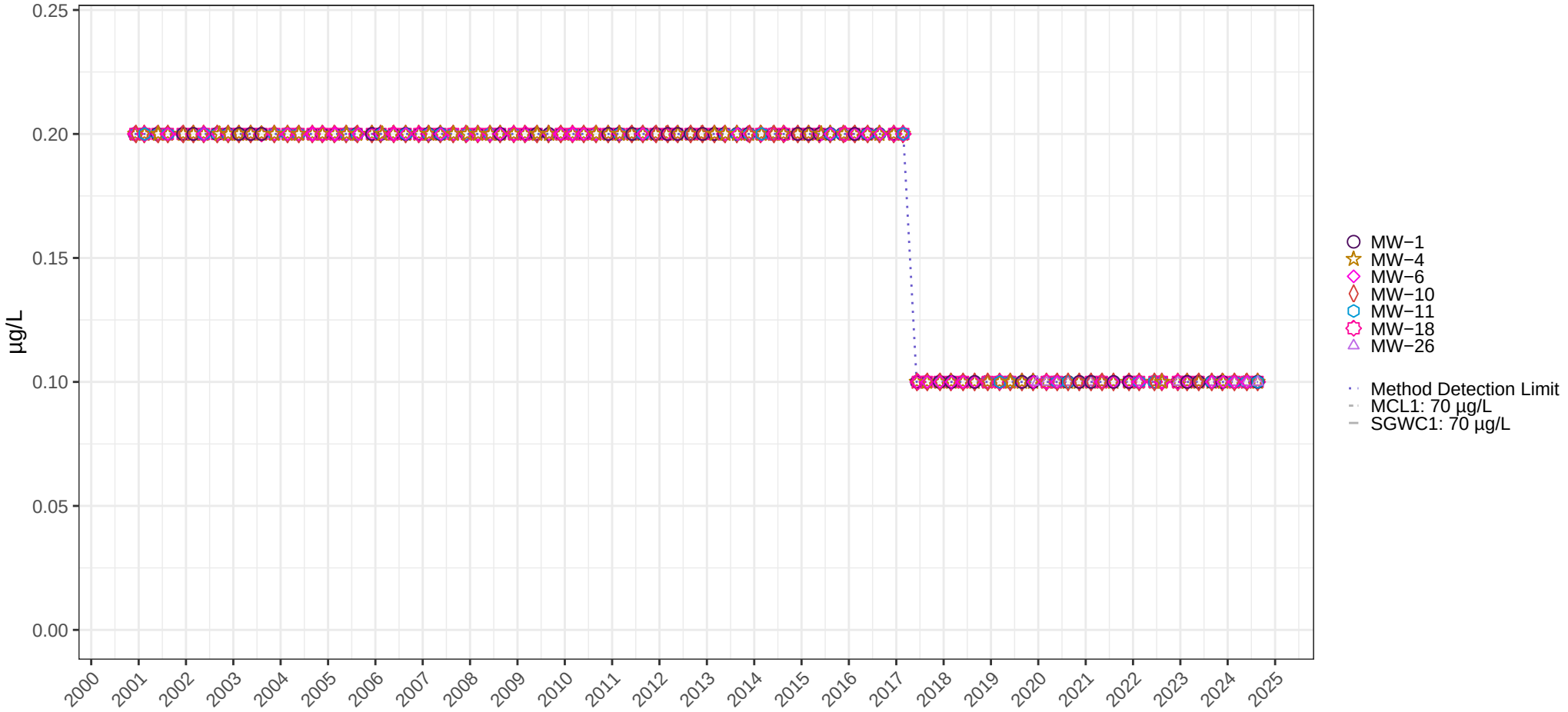
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−17A
Shallow Aquifer
1,1−Dichloroethane



SGWC1: Washington State Primary Groundwater Quality Criteria

Figure B−18A
Shallow Aquifer
Cis−1,2−Dichloroethene



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−19A
Shallow Aquifer
Dichlorodifluoromethane

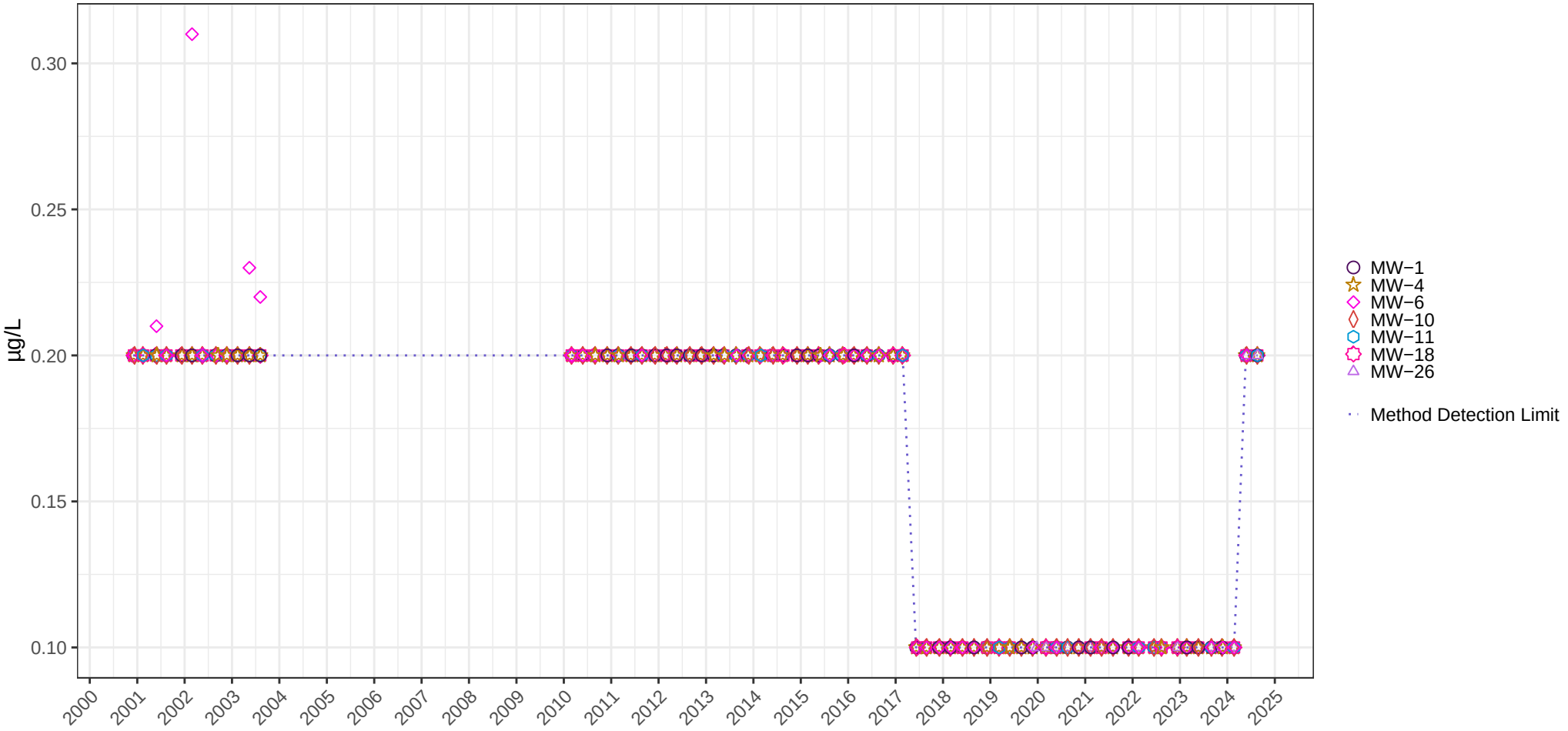
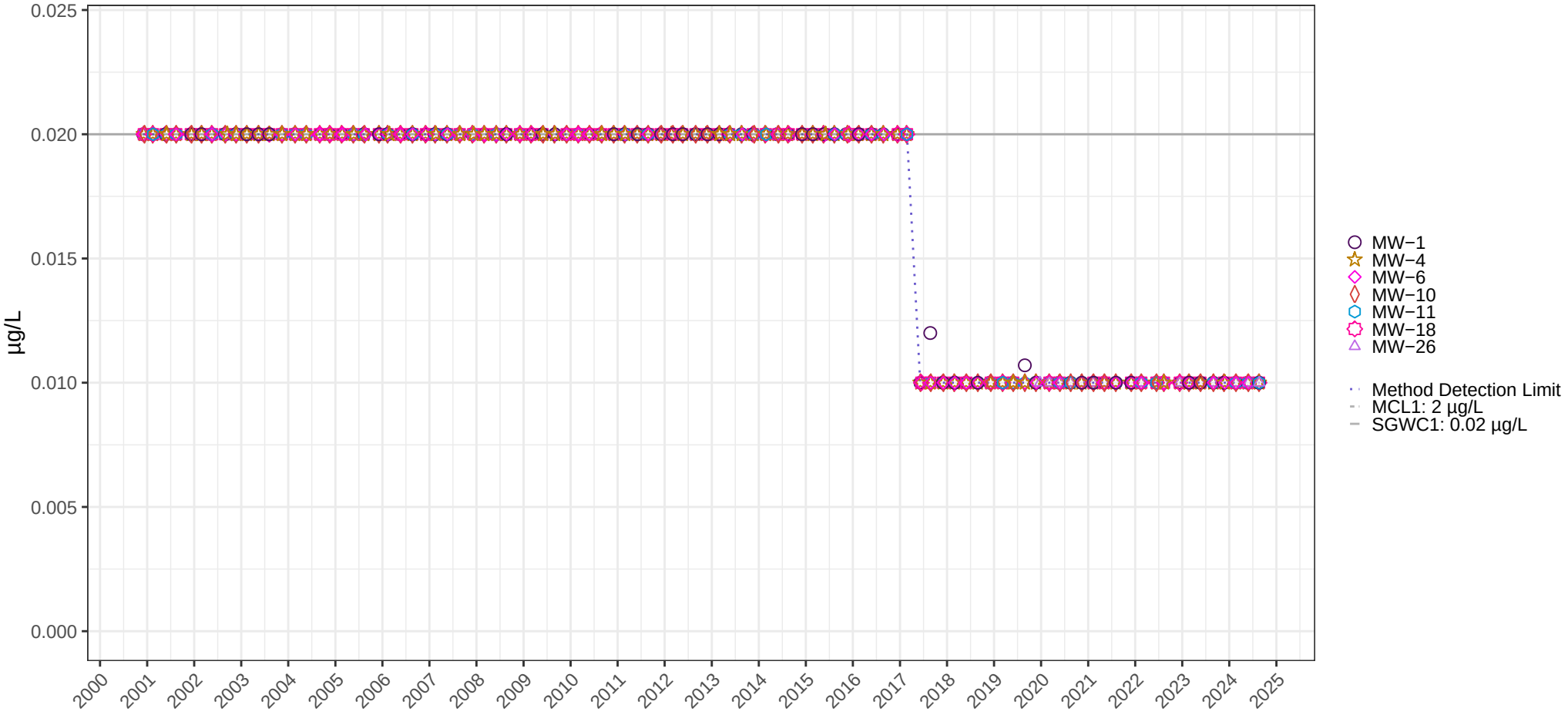


Figure B−20A
Shallow Aquifer
Vinyl Chloride



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−21B
Shallow Aquifer
Alkalinity, Total (as CaCO3)

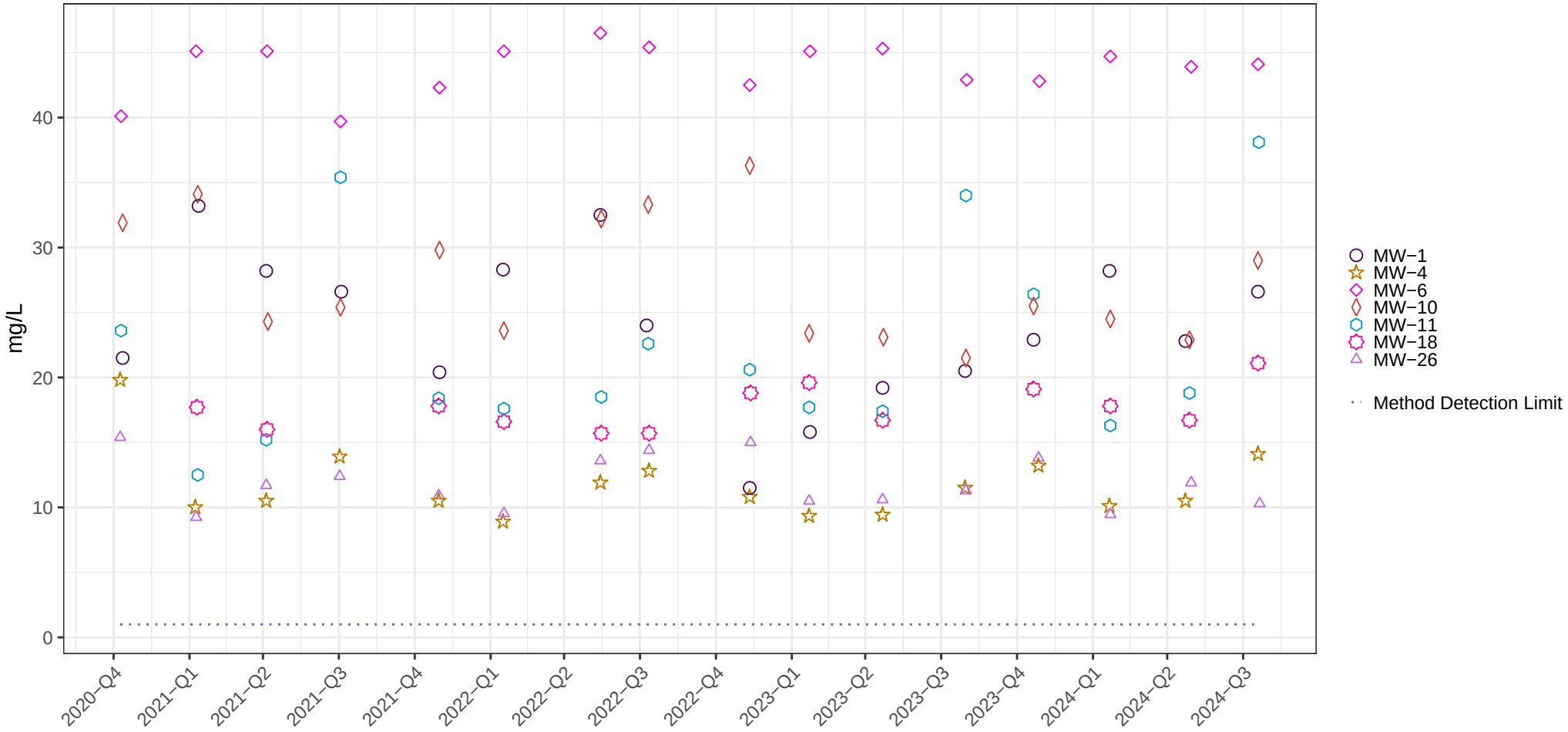


Figure B−22B
Shallow Aquifer
Ammonia As N

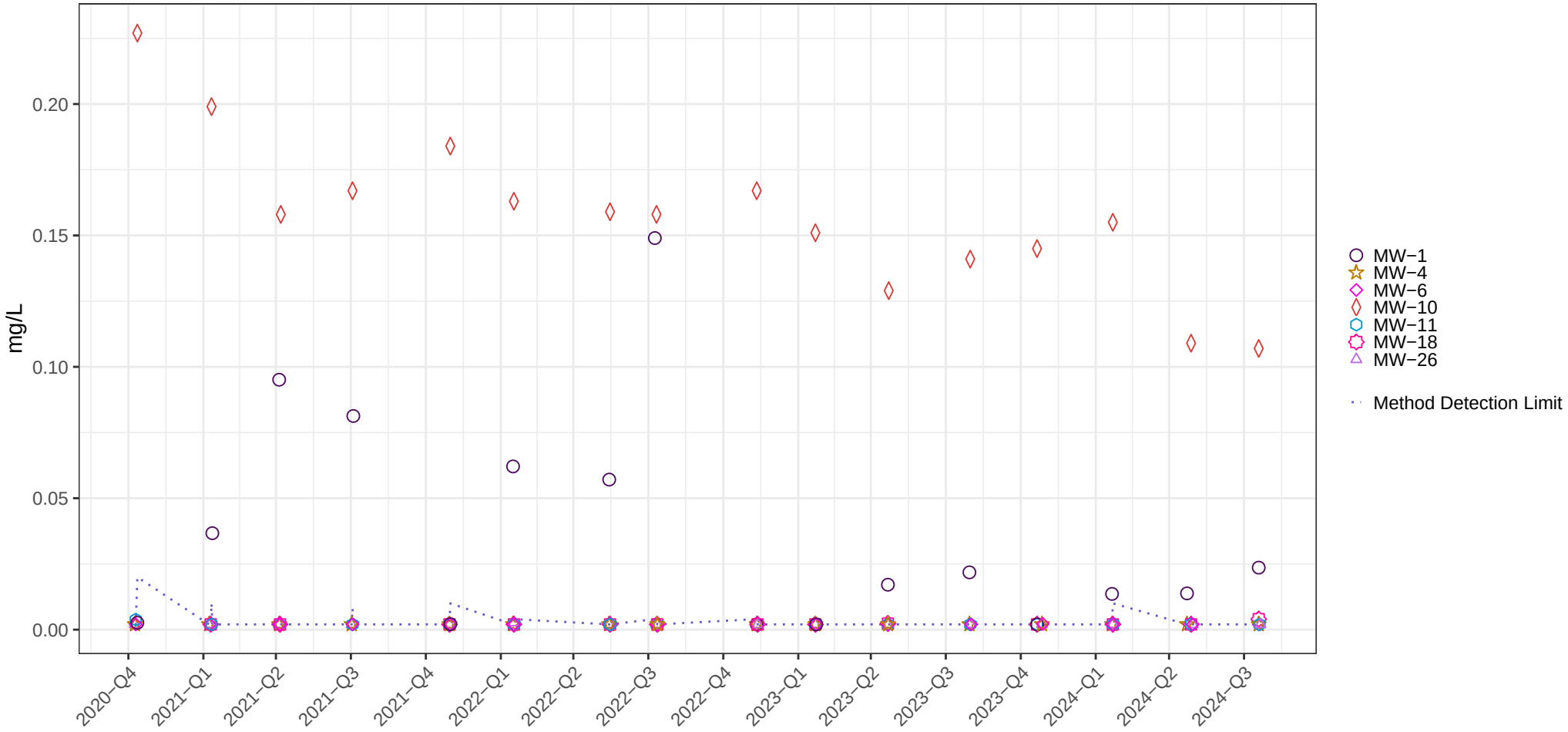
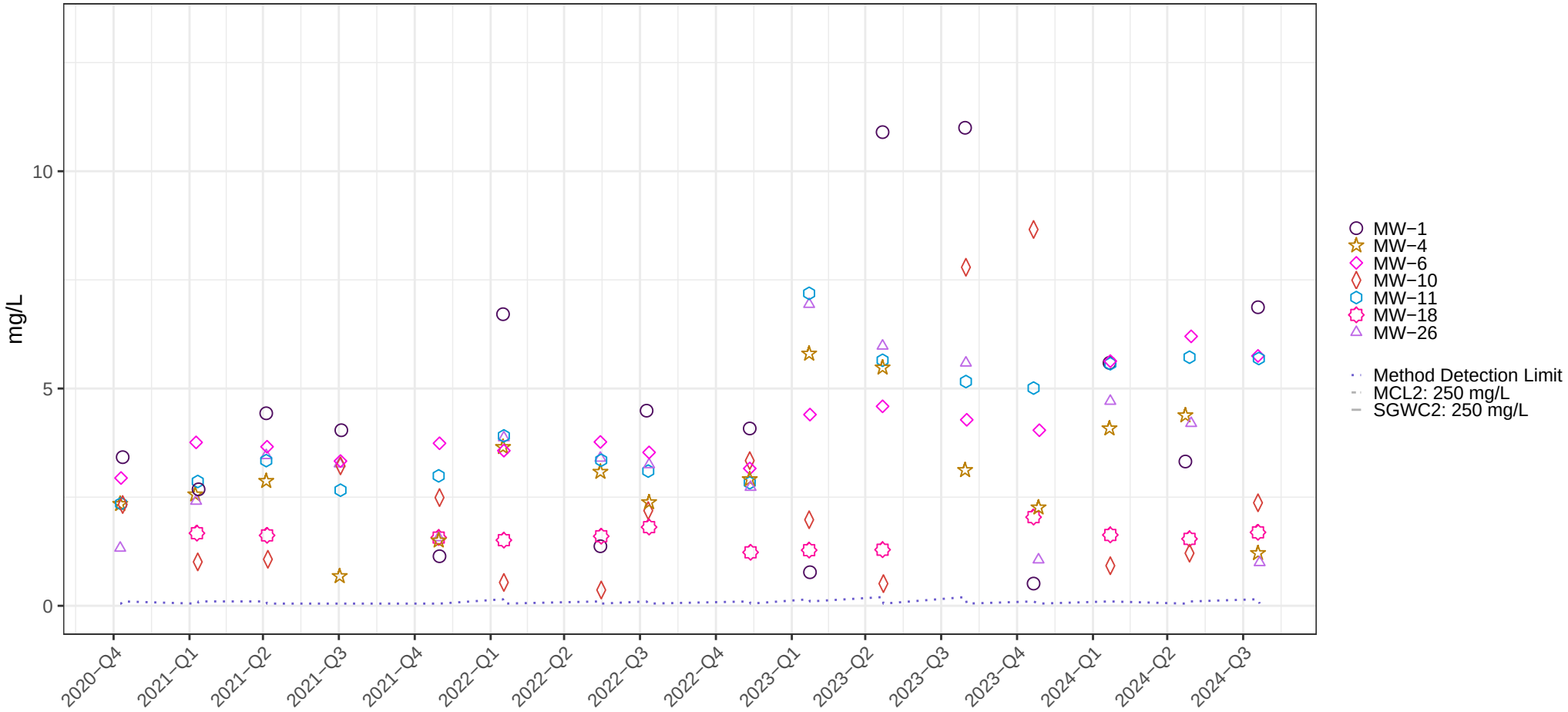
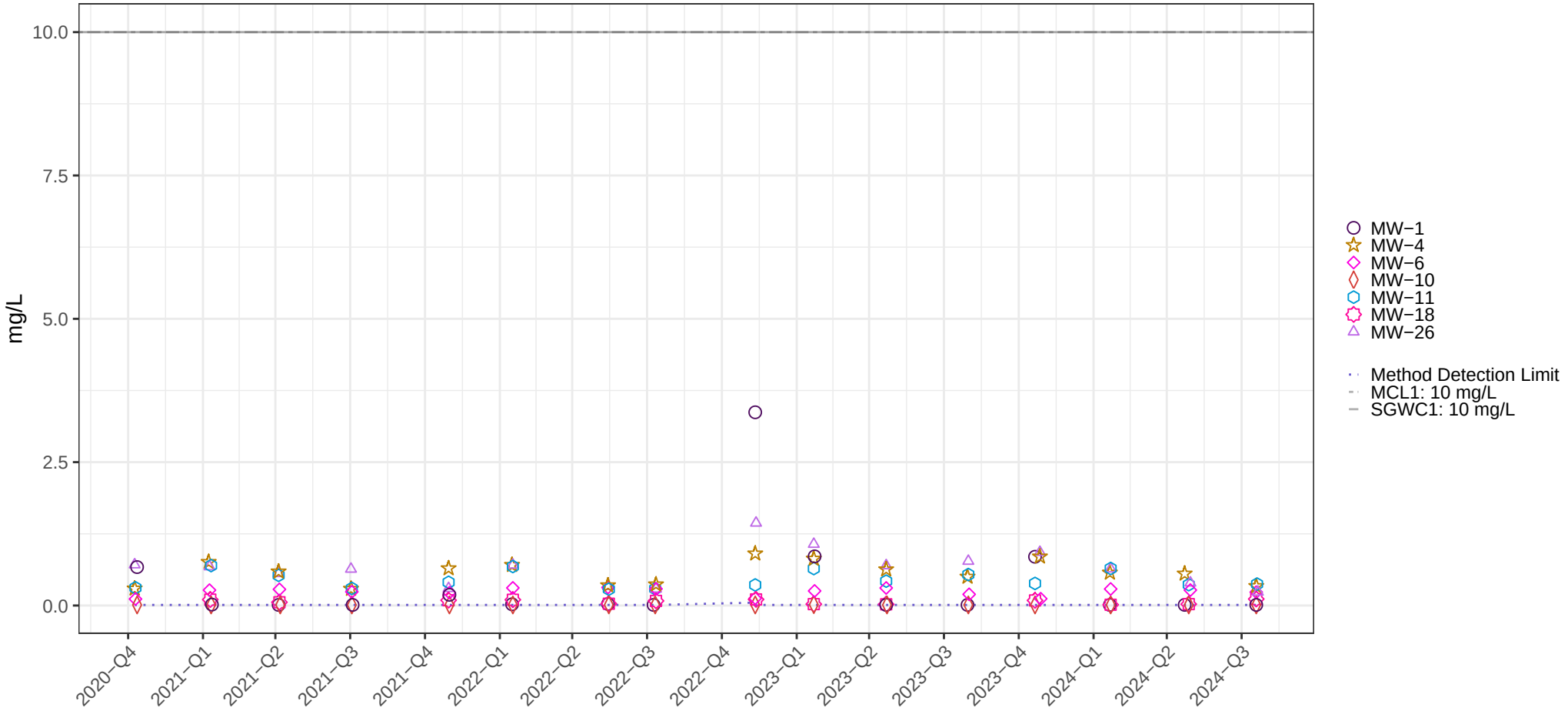


Figure B−23B
Shallow Aquifer
Chloride



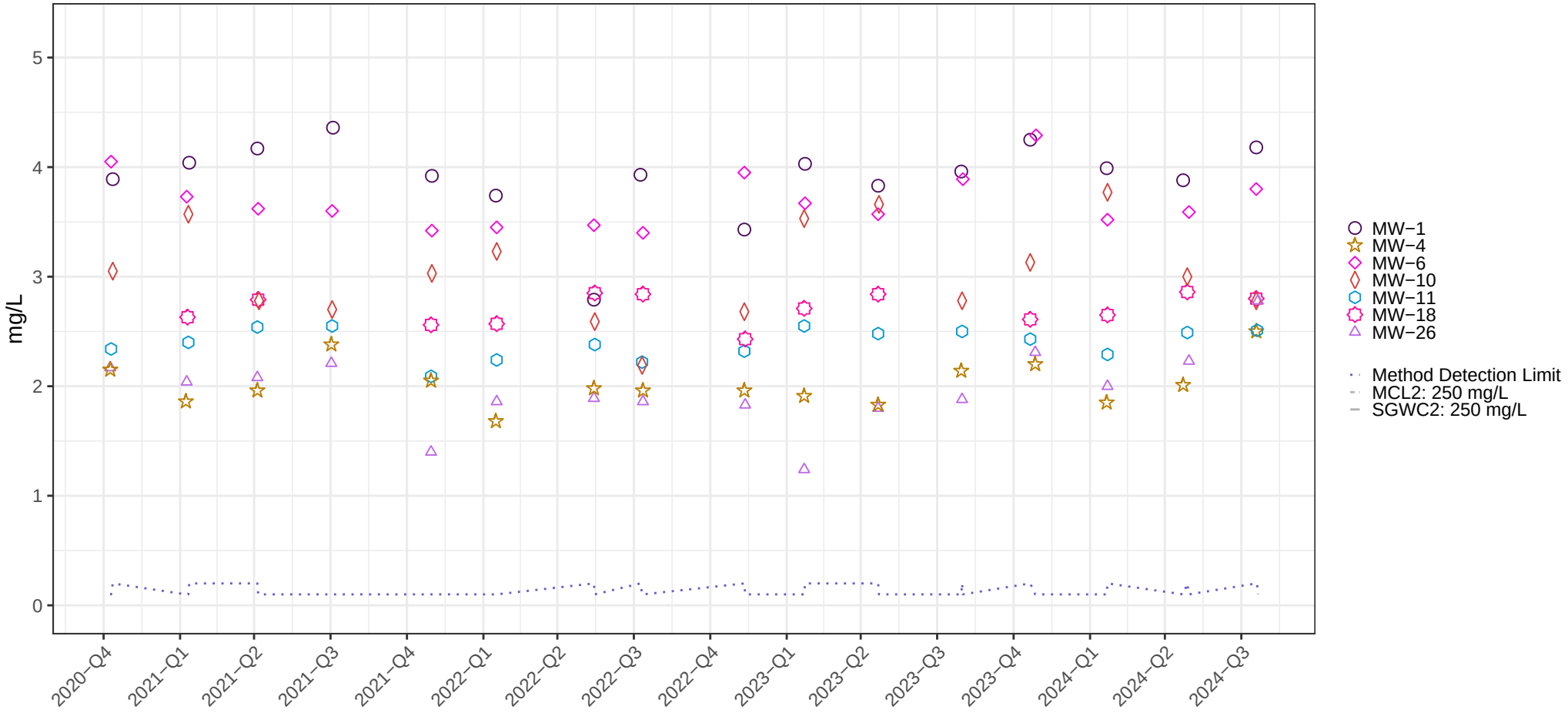
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−24B
Shallow Aquifer
Nitrate



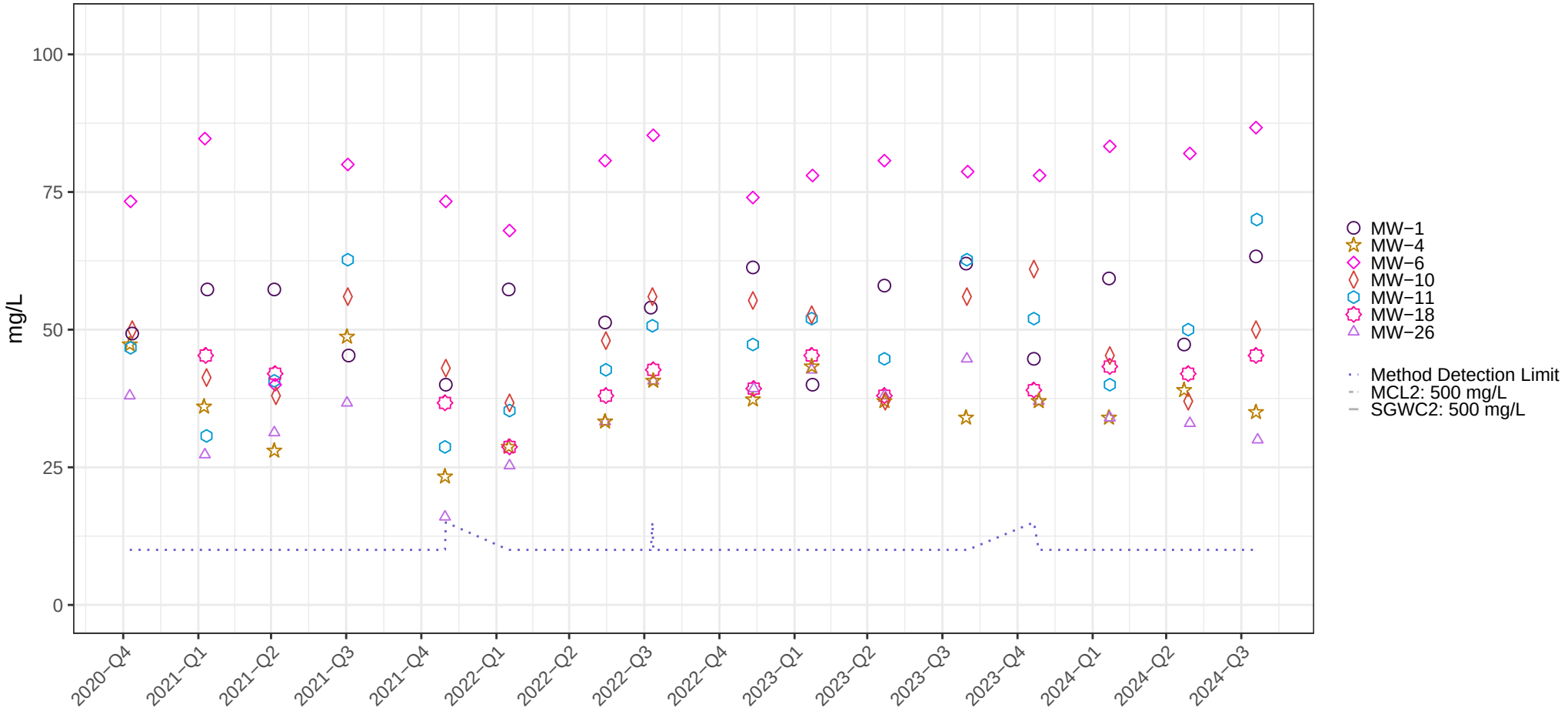
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−25B
Shallow Aquifer
Sulfate



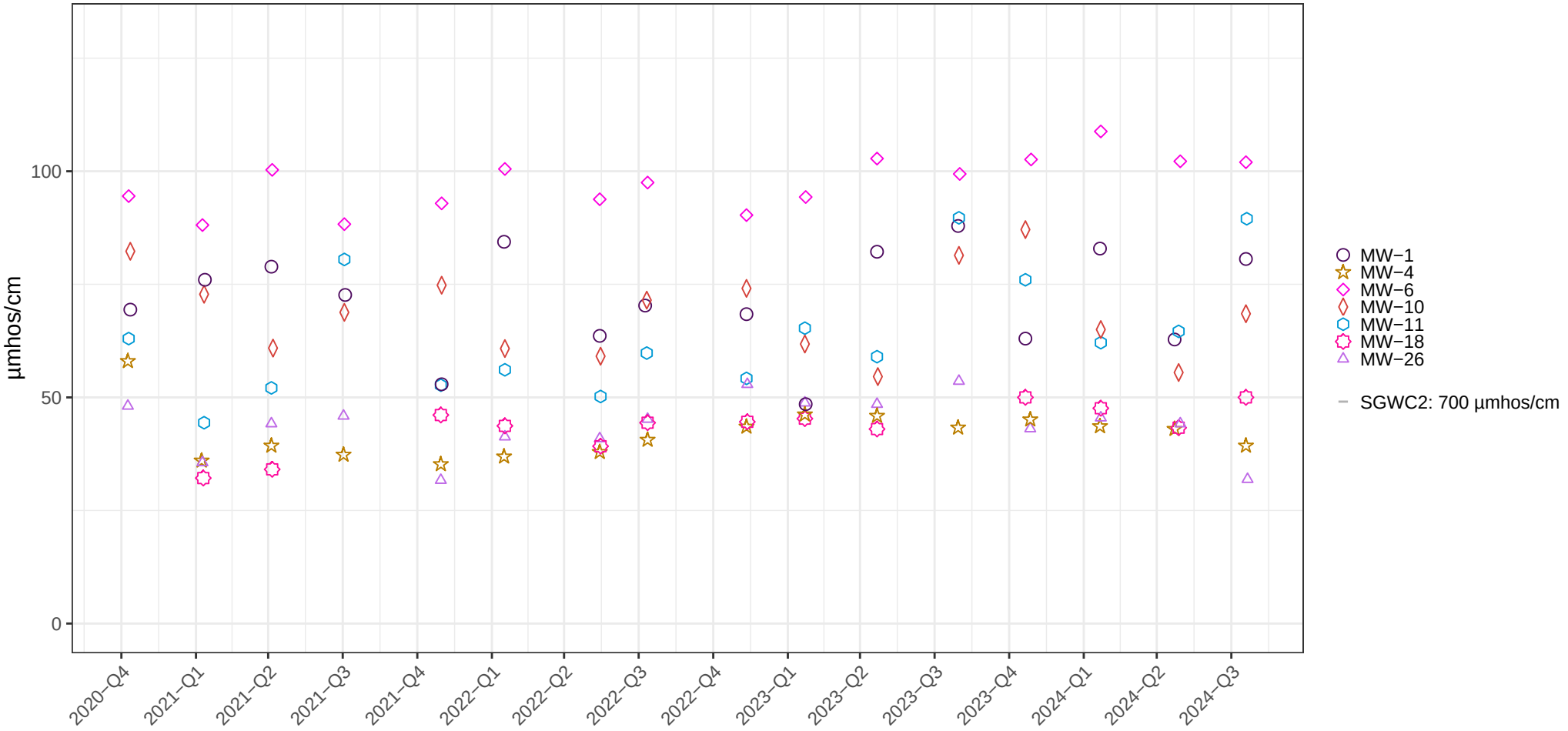
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−26B
Shallow Aquifer
Total Dissolved Solids



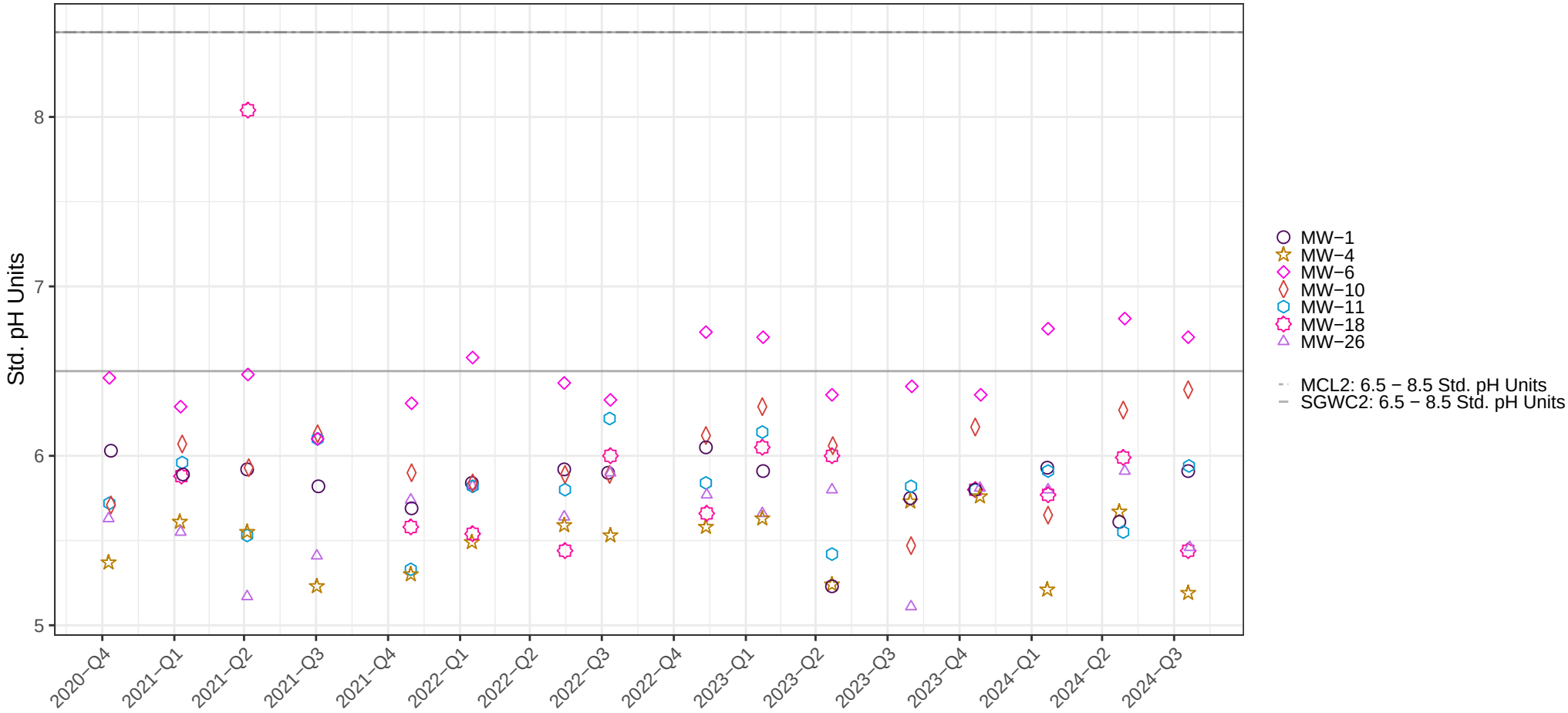
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−27B
Shallow Aquifer
Specific Conductivity, Field



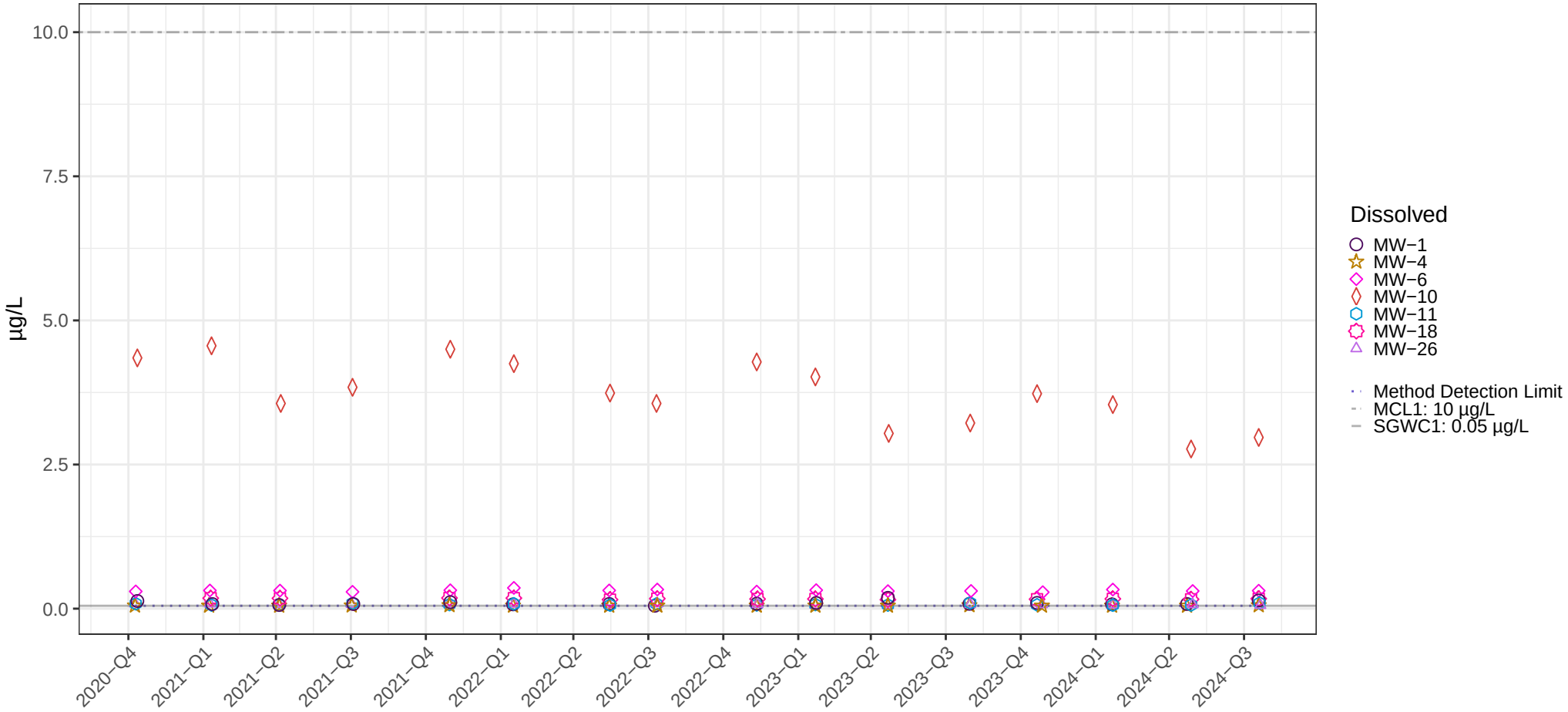
SGWC2: Washington State Secondary Groundwater Quality Criteria

Figure B−28B
Shallow Aquifer
pH, Field



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−29B
Shallow Aquifer
Arsenic



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−30B
Shallow Aquifer
Calcium

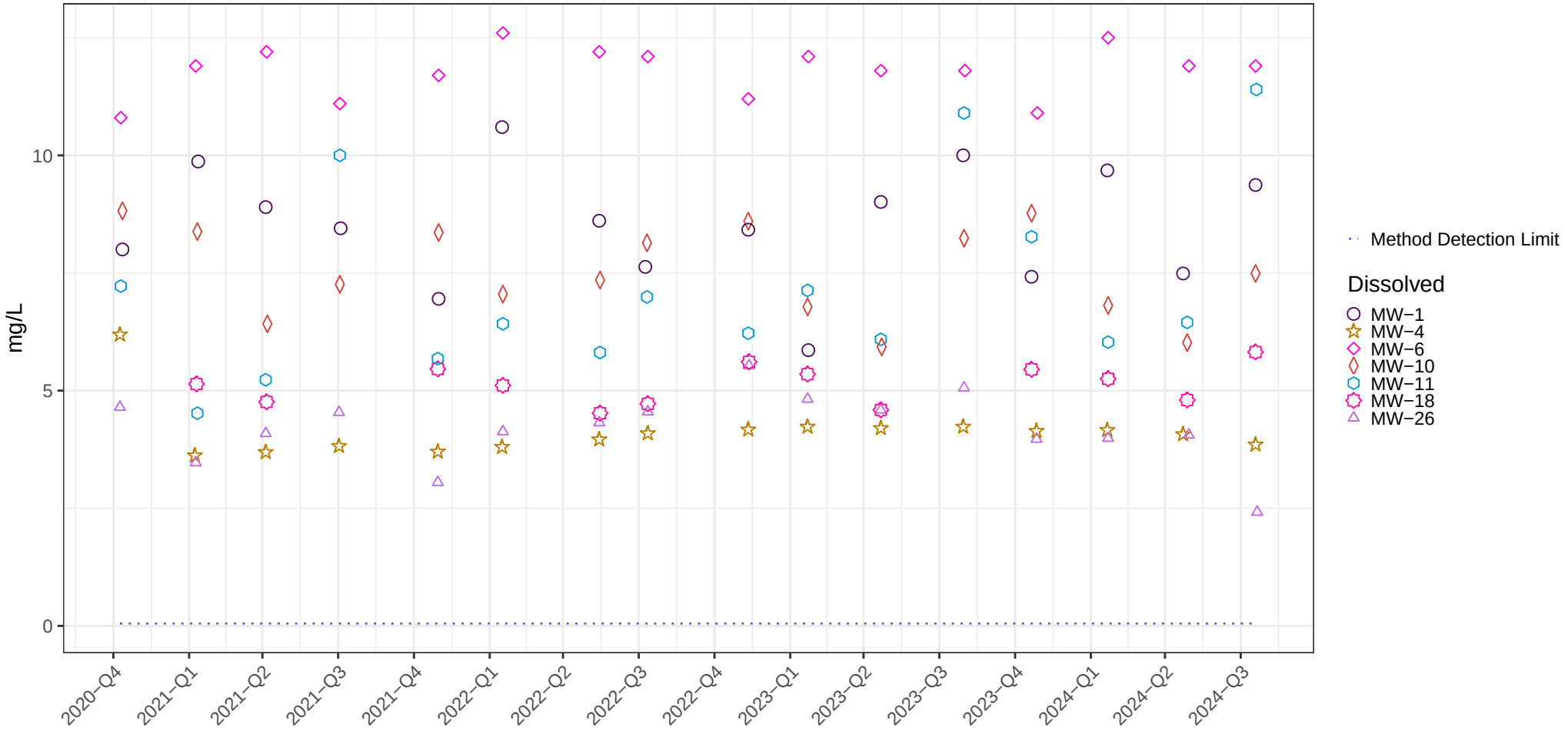
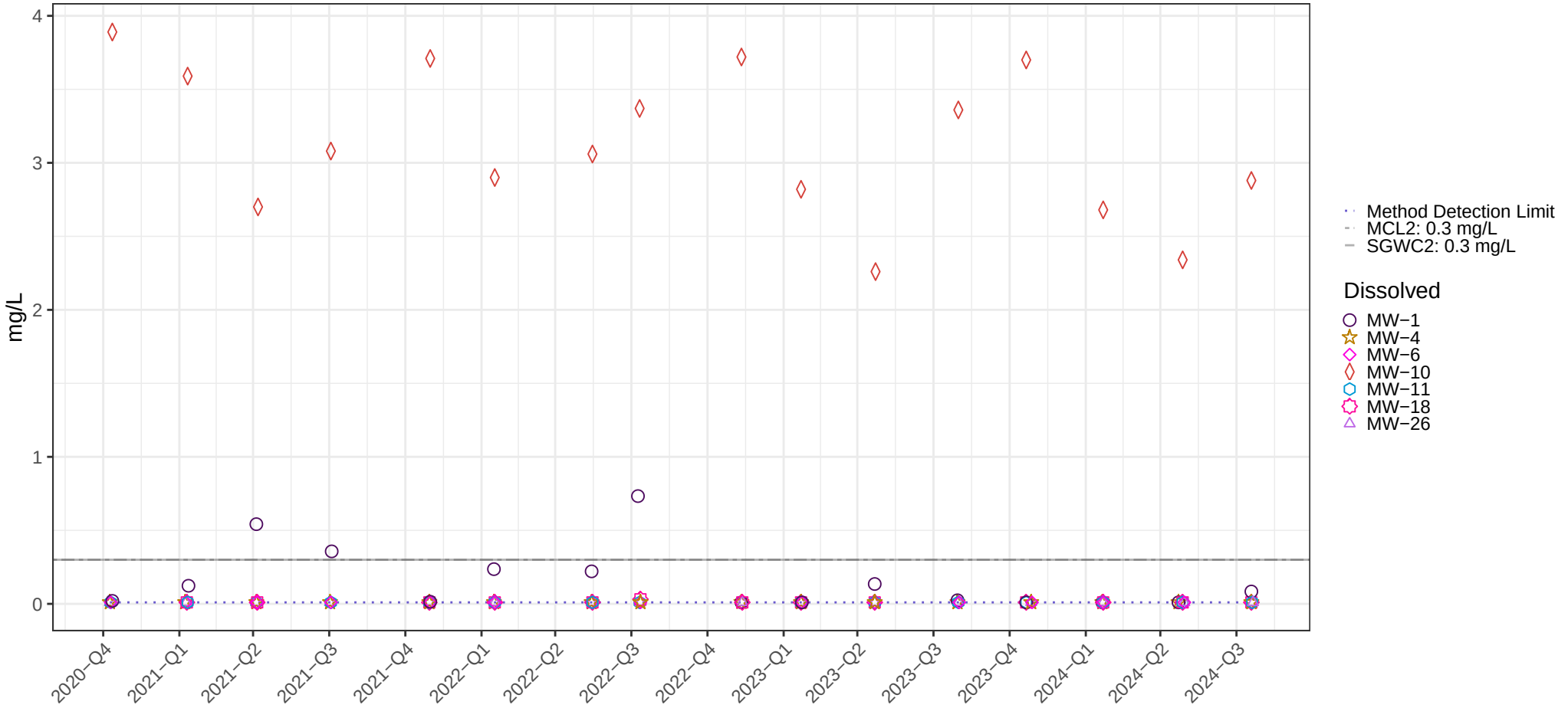


Figure B−31B
Shallow Aquifer
Iron



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−32B
Shallow Aquifer
Magnesium

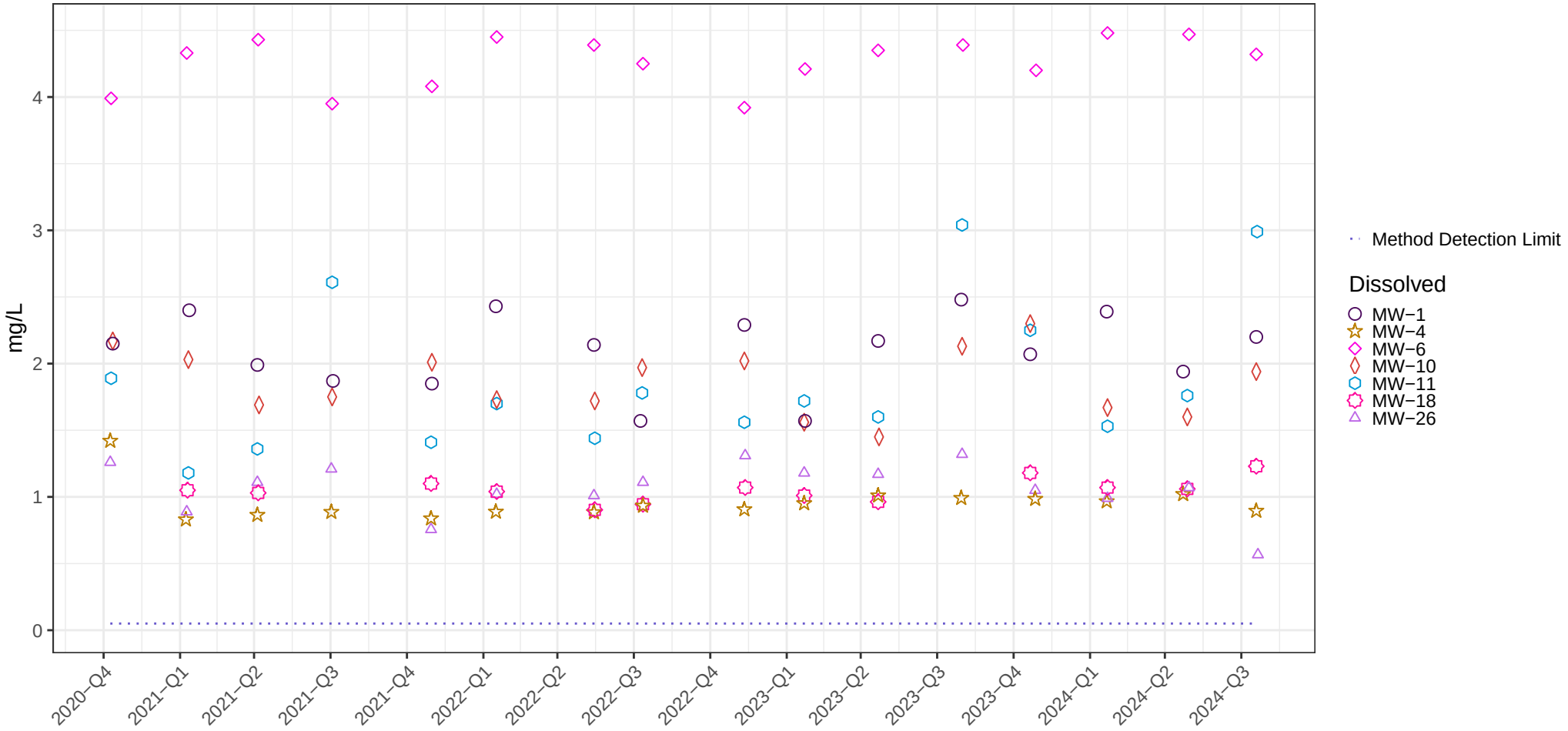
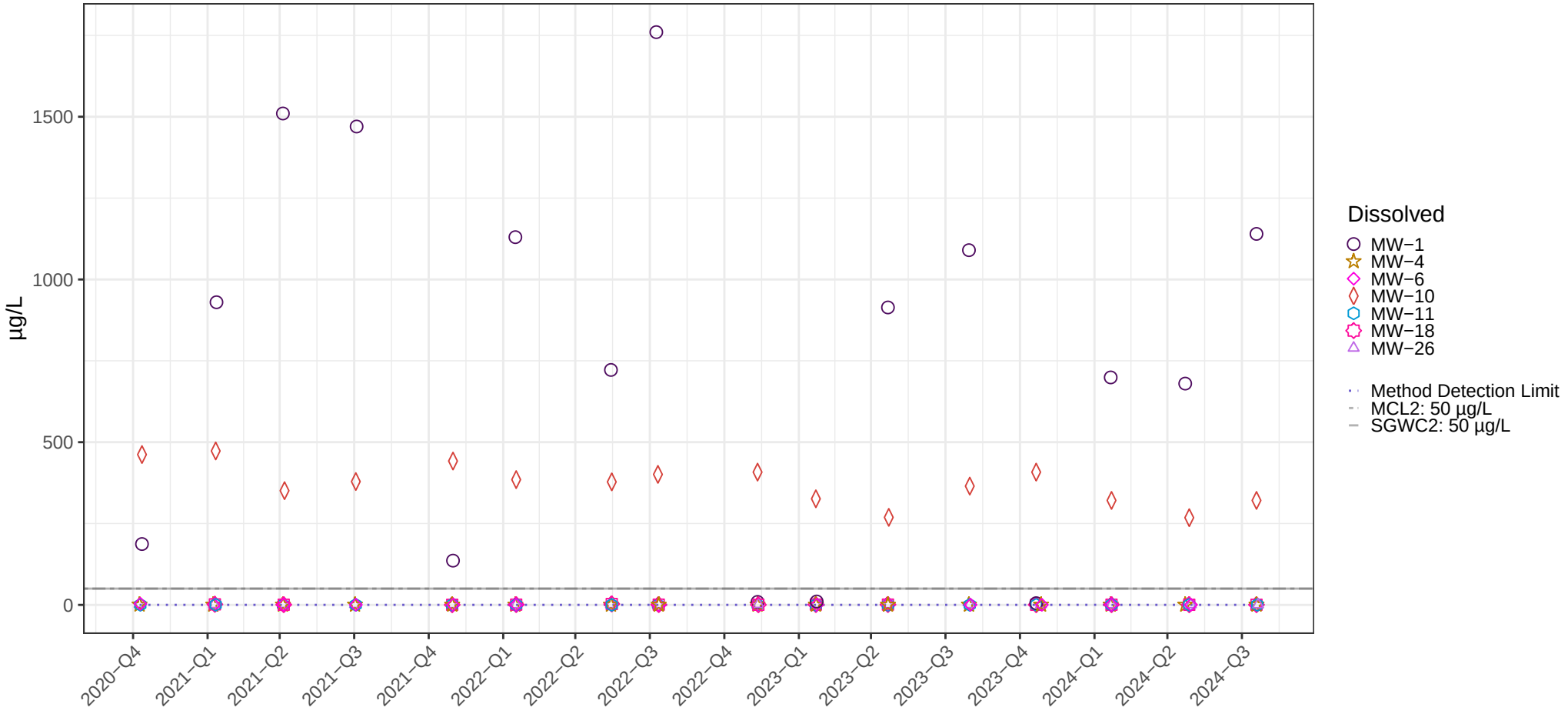


Figure B−33B
Shallow Aquifer
Manganese



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−34B
Shallow Aquifer
Potassium

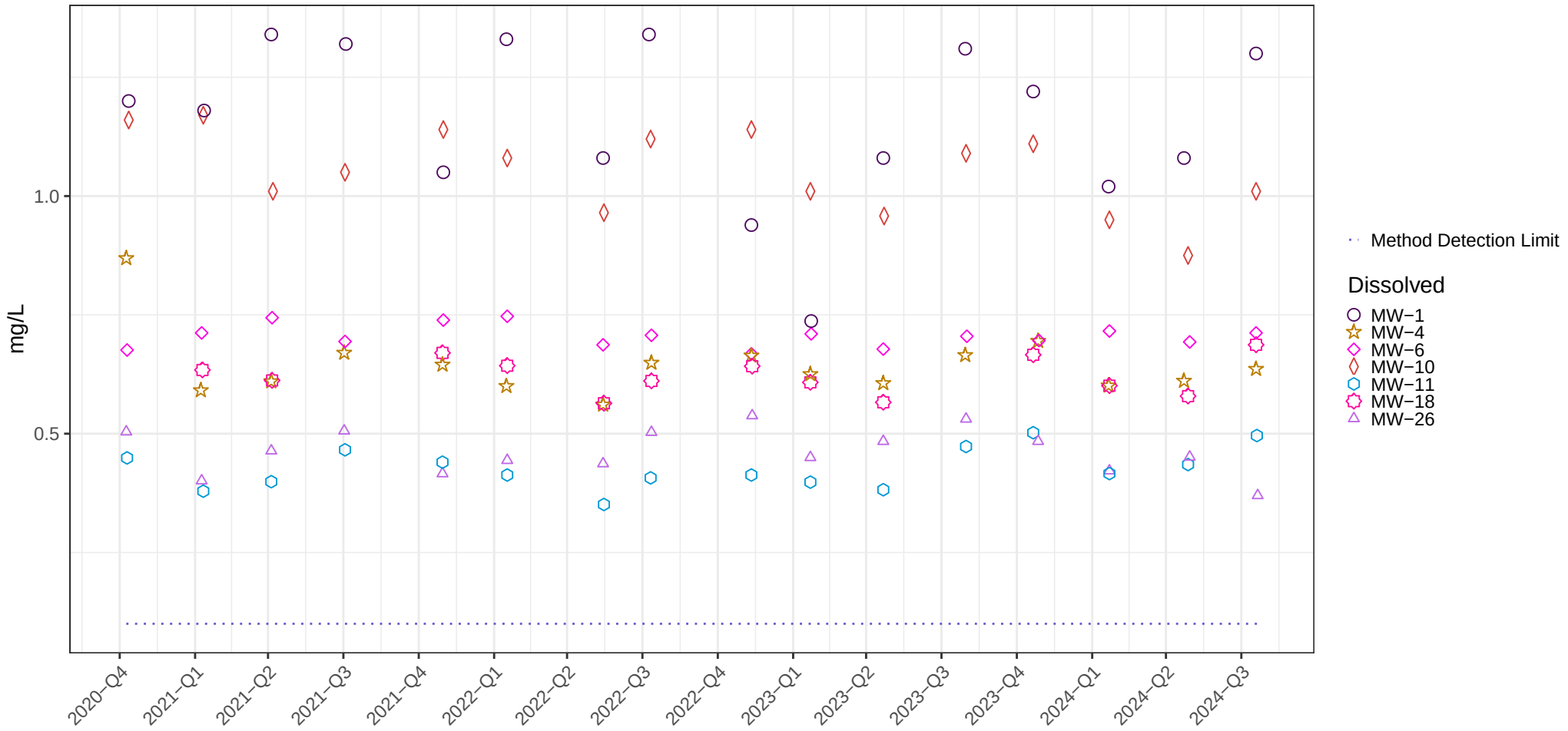
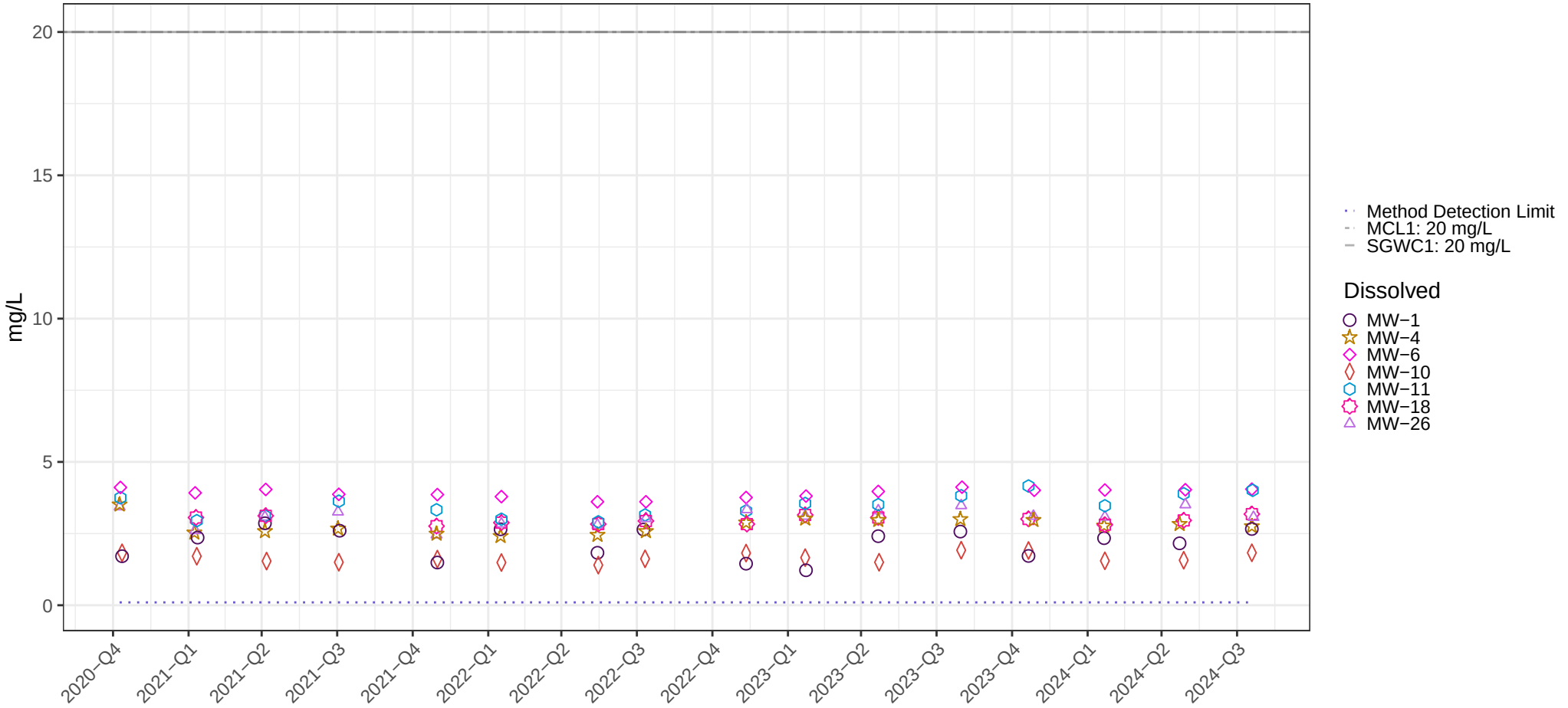
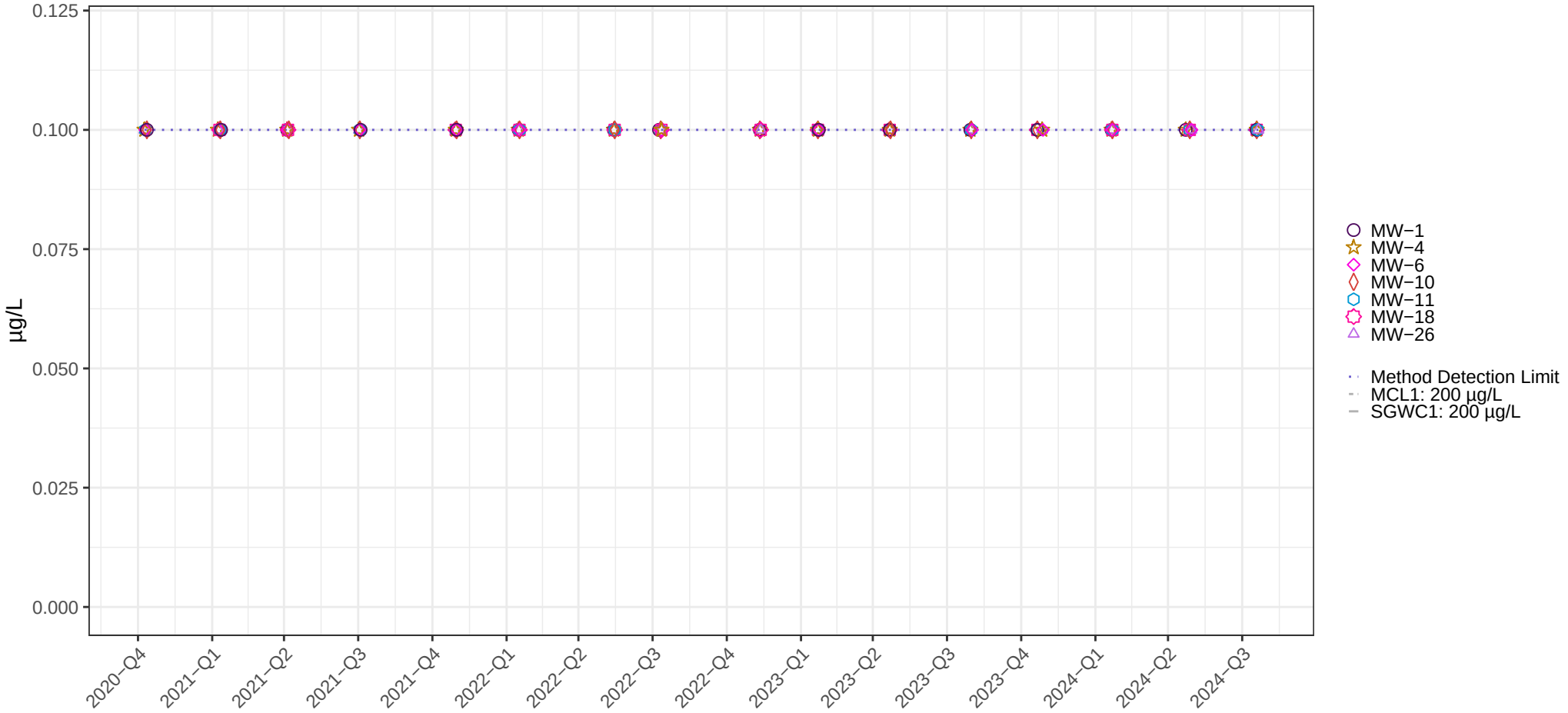


Figure B−35B
Shallow Aquifer
Sodium



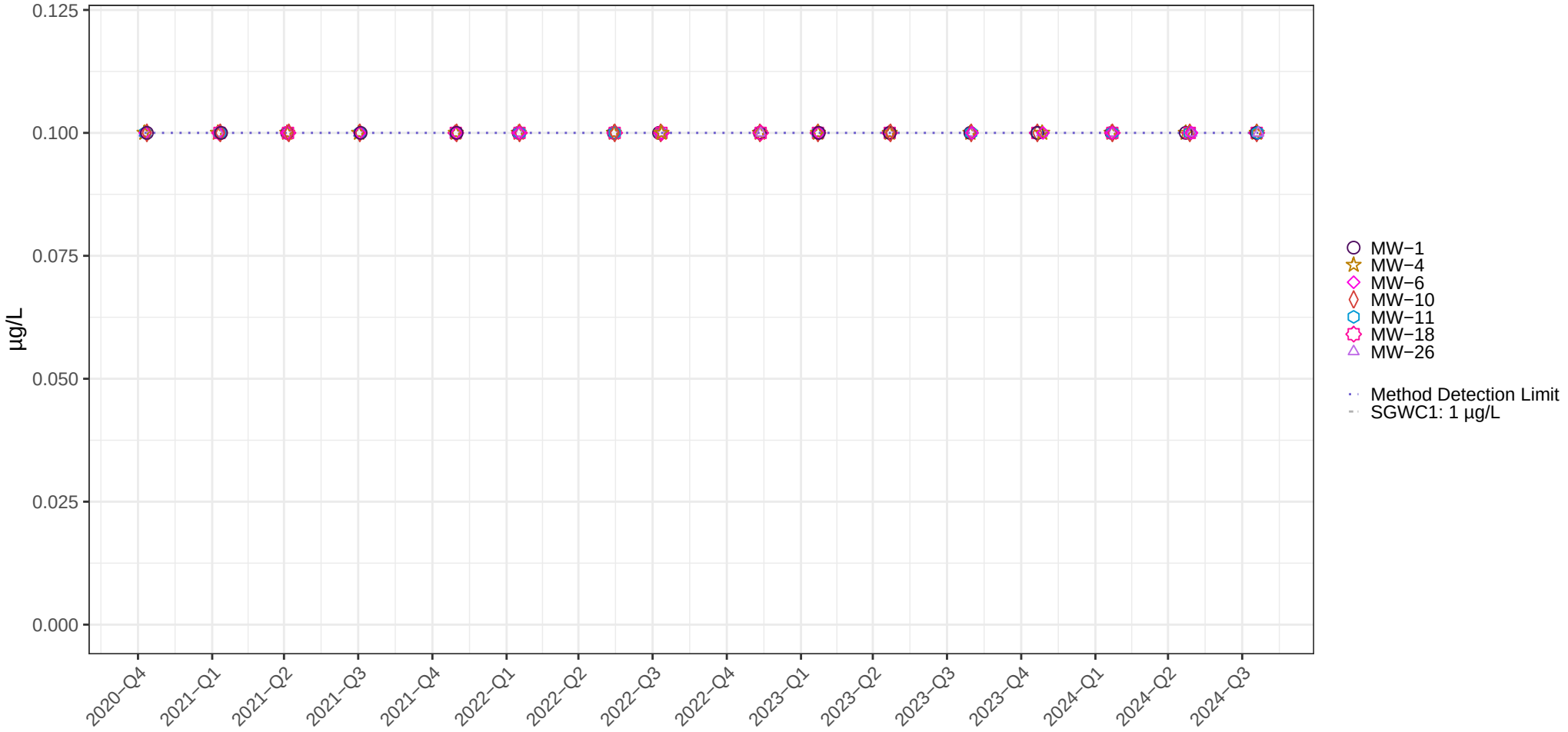
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−36B
Shallow Aquifer
1,1,1−Trichloroethane



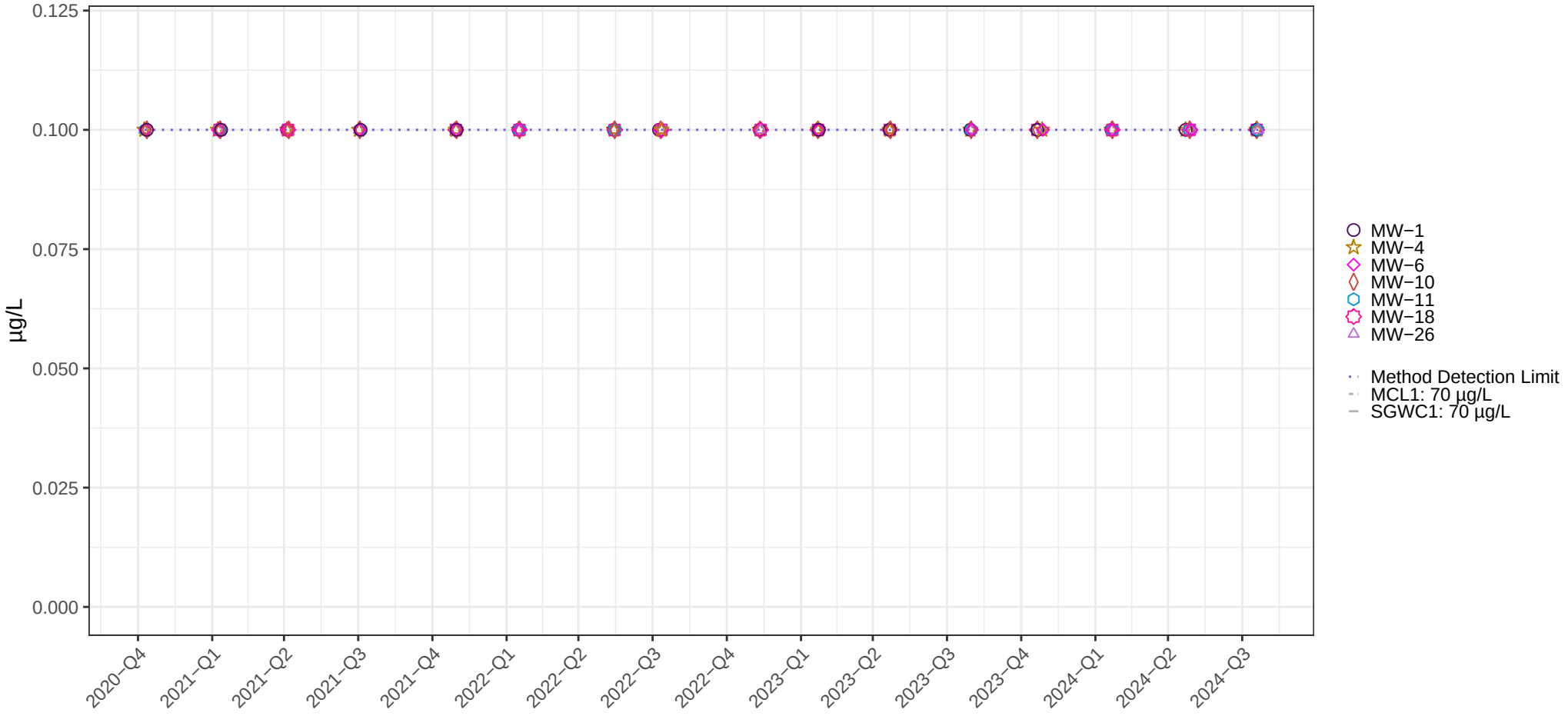
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−37B
Shallow Aquifer
1,1−Dichloroethane



SGWC1: Washington State Primary Groundwater Quality Criteria

Figure B−38B
Shallow Aquifer
Cis−1,2−Dichloroethene



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−39B
Shallow Aquifer
Dichlorodifluoromethane

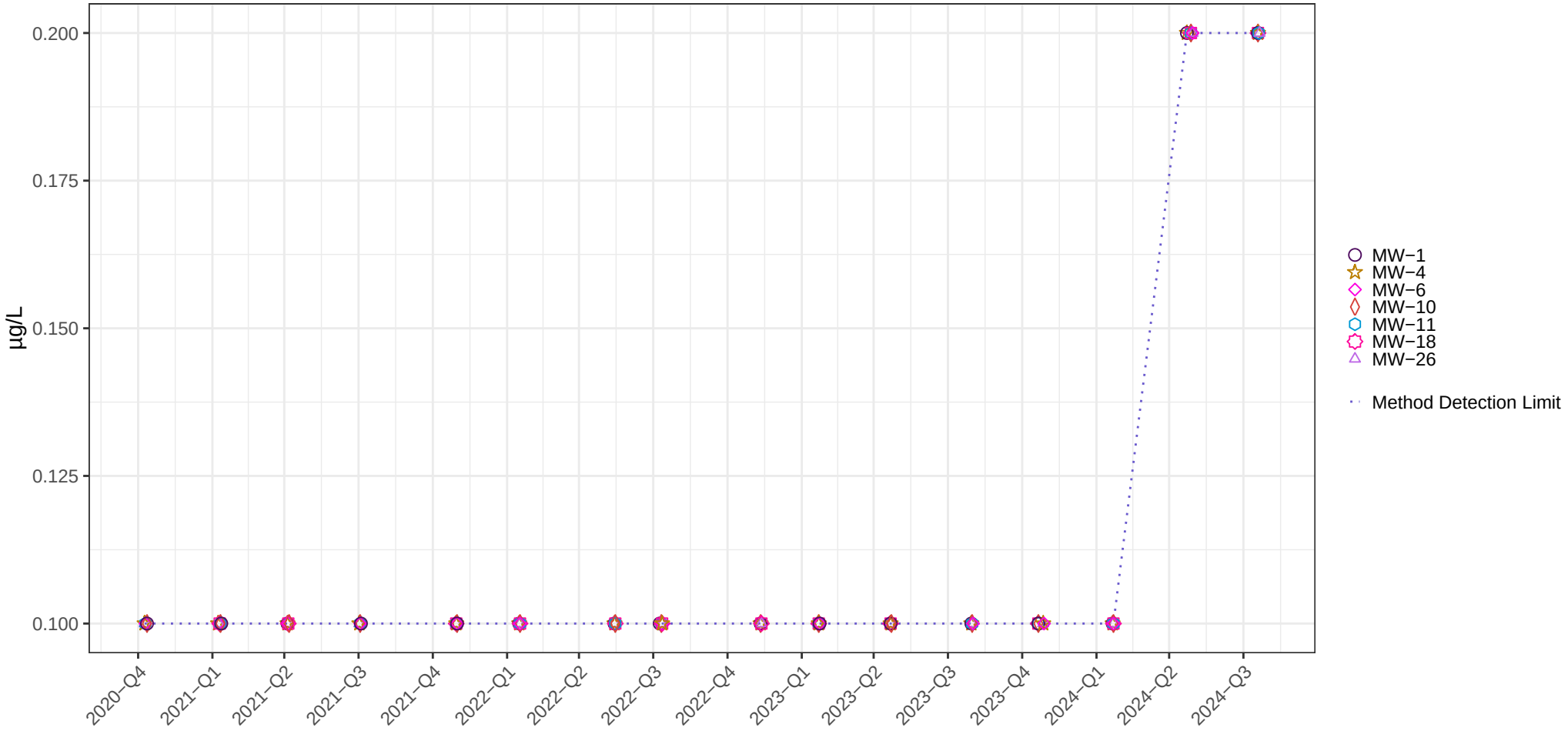
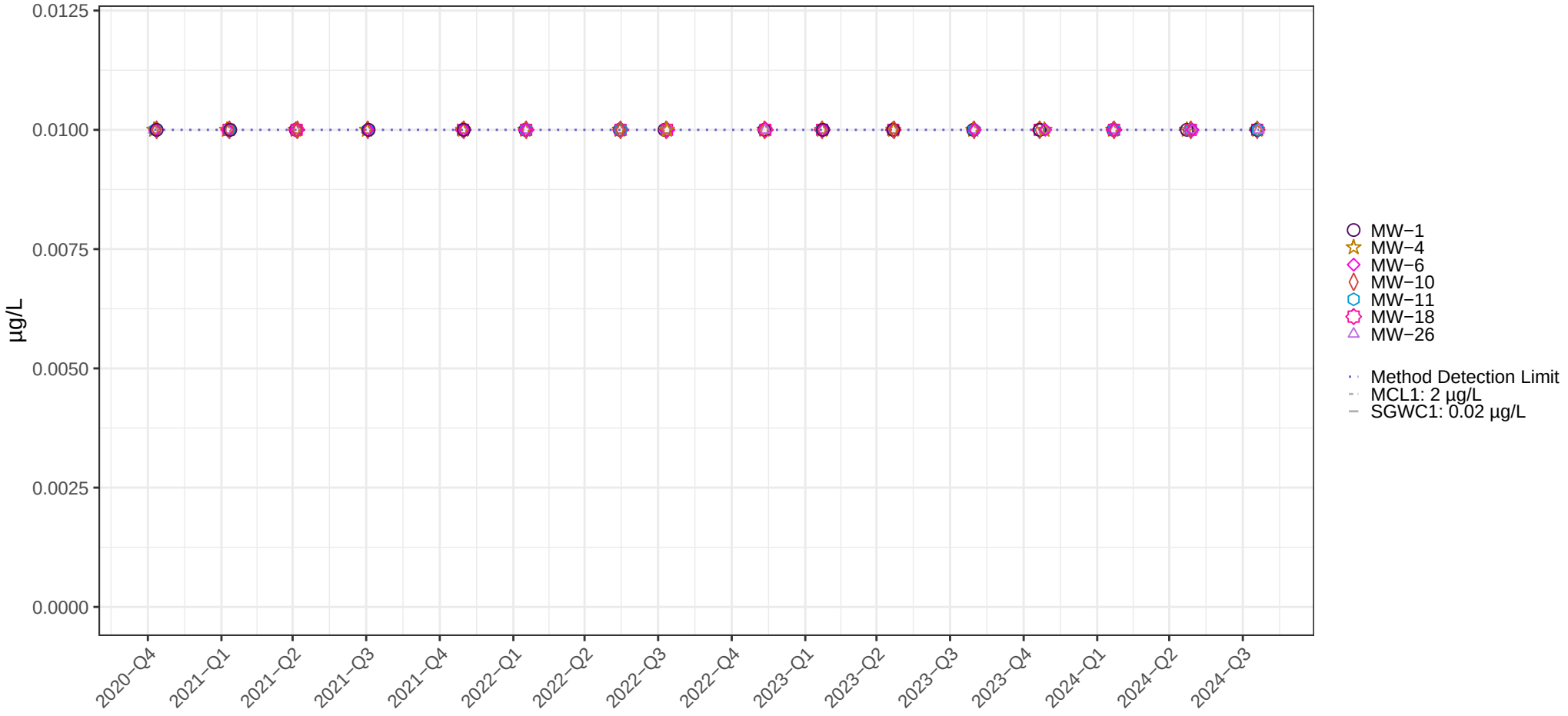


Figure B−40B
Shallow Aquifer
Vinyl Chloride



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B-40C: Hobart Landfill Deep Aquifer Groundwater Elevations
1993 through September 2024

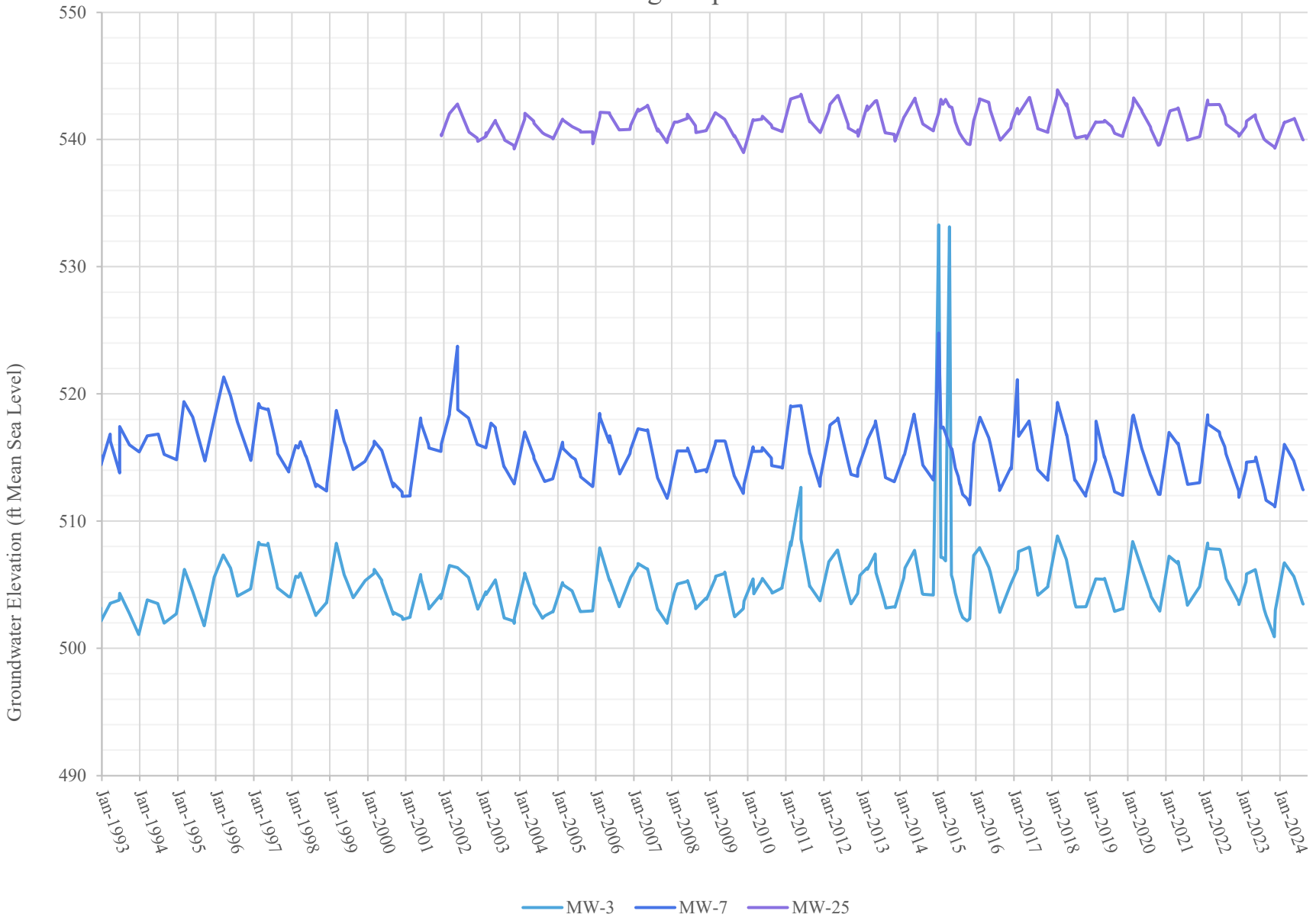


Figure B−41A
Deep Aquifer
Alkalinity, Total (as CaCO3)

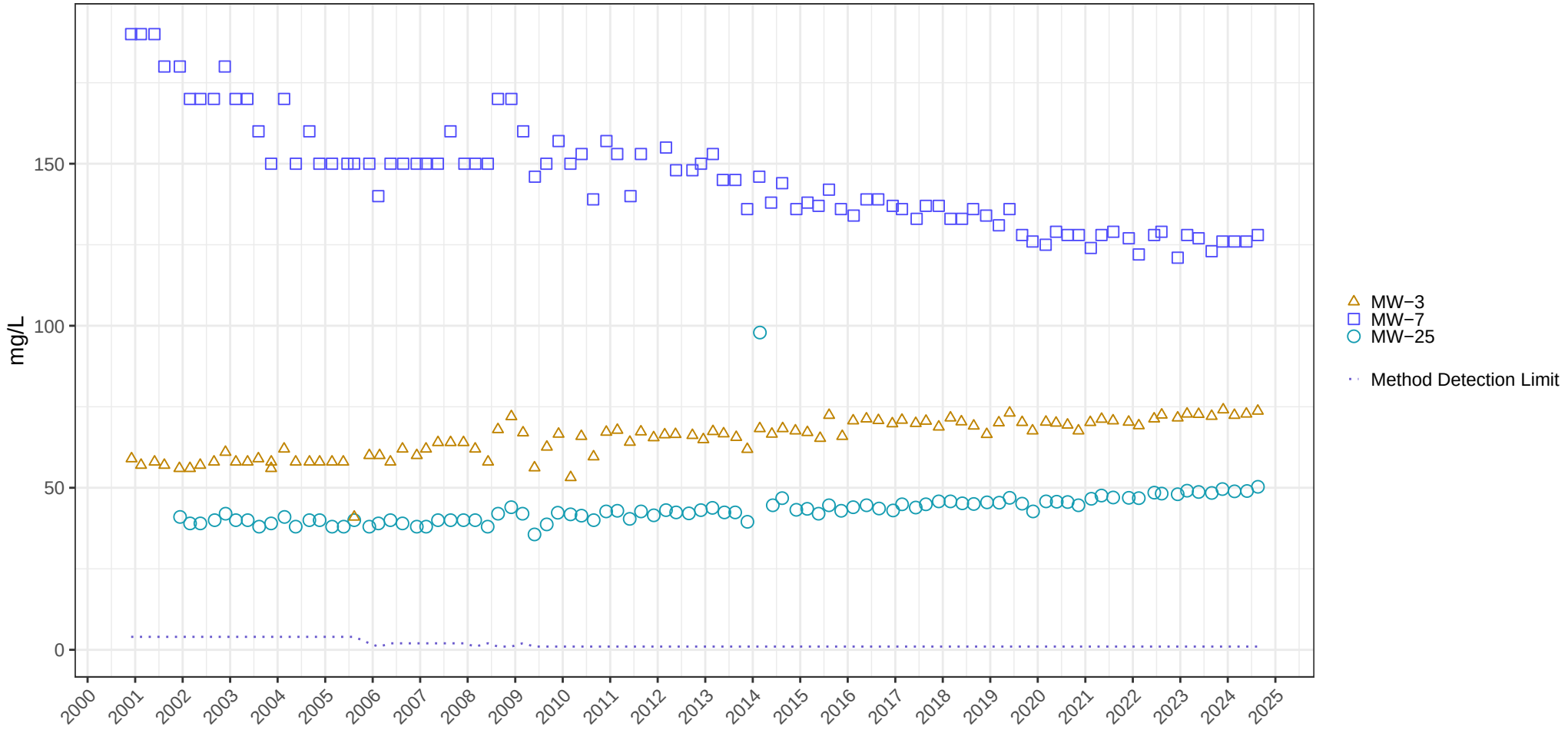


Figure B−42A
Deep Aquifer
Ammonia As N

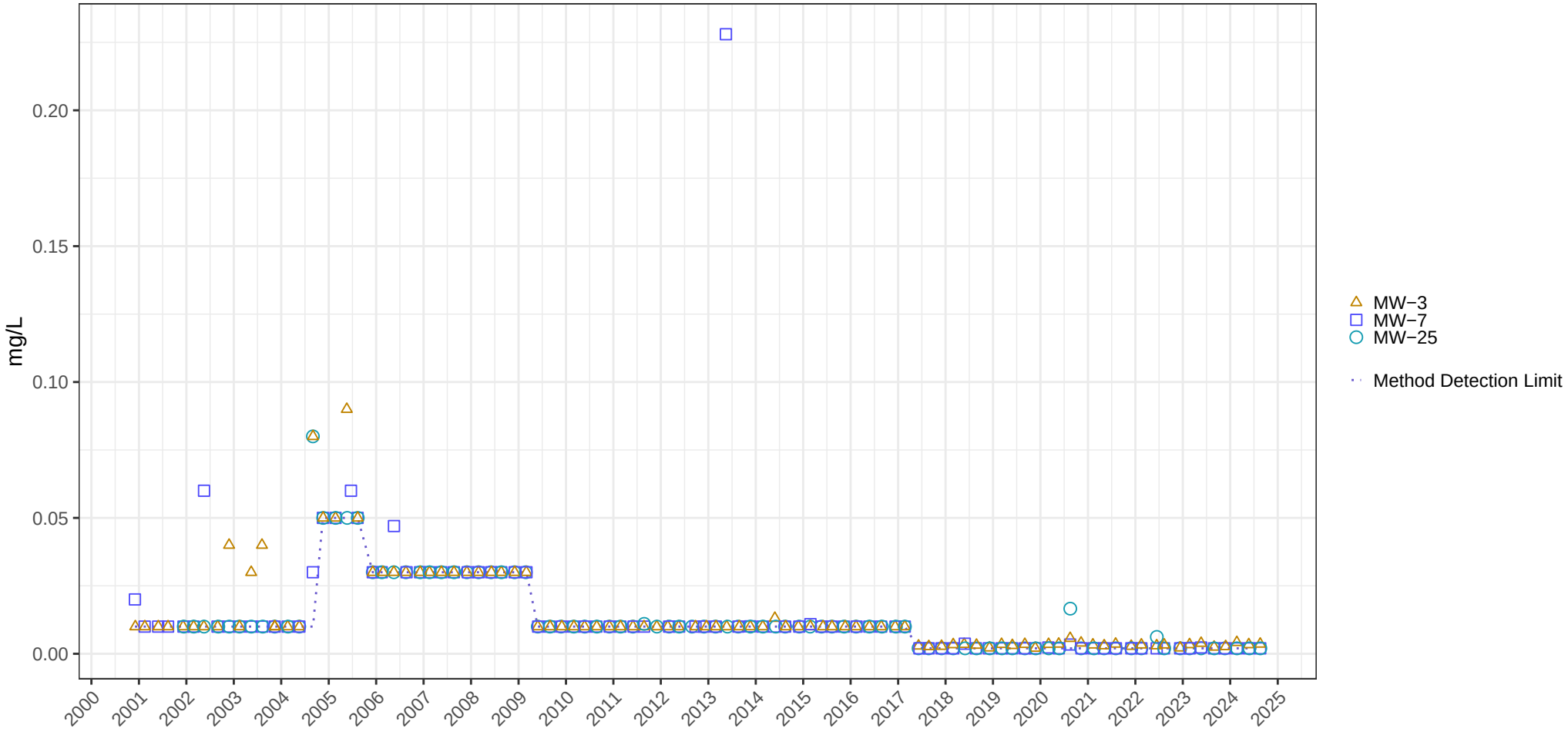
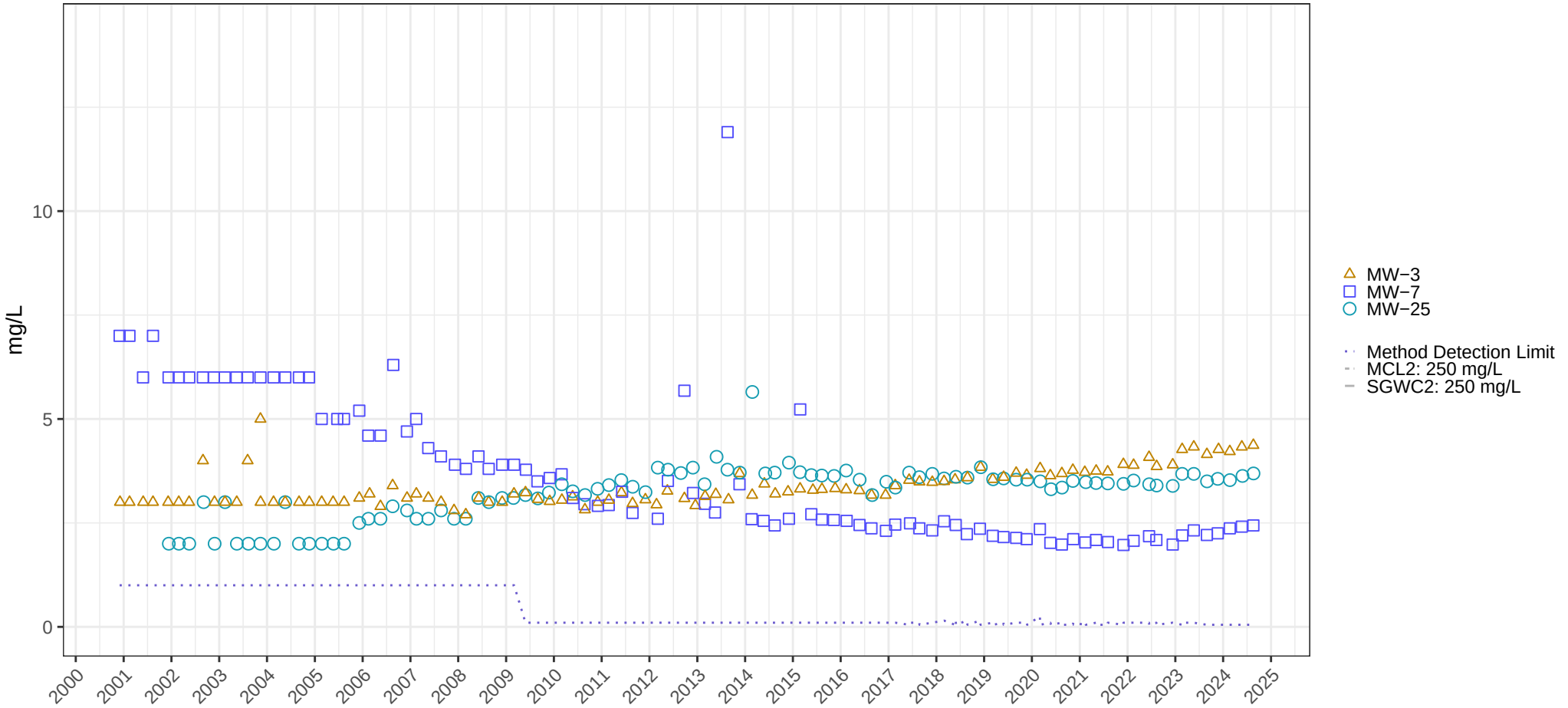
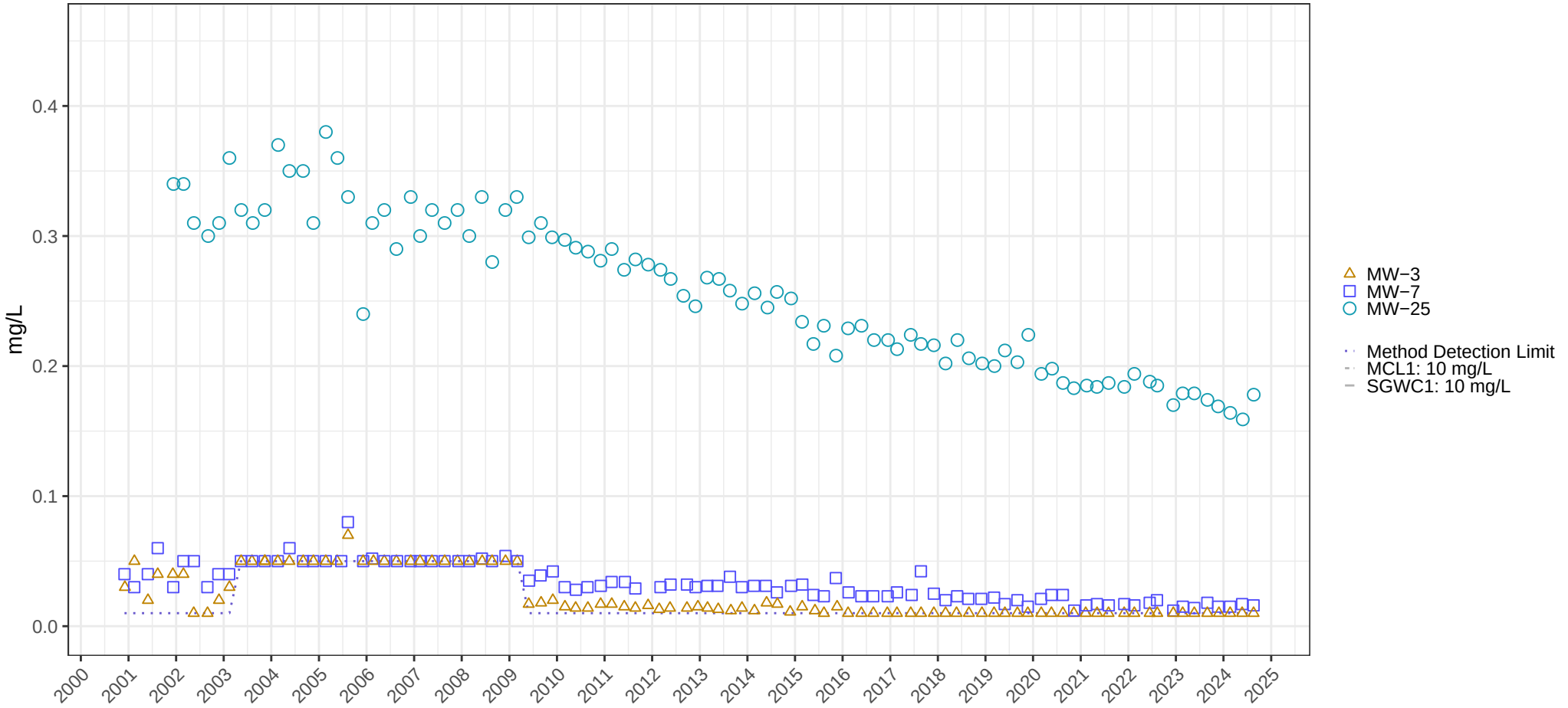


Figure B−43A
Deep Aquifer
Chloride



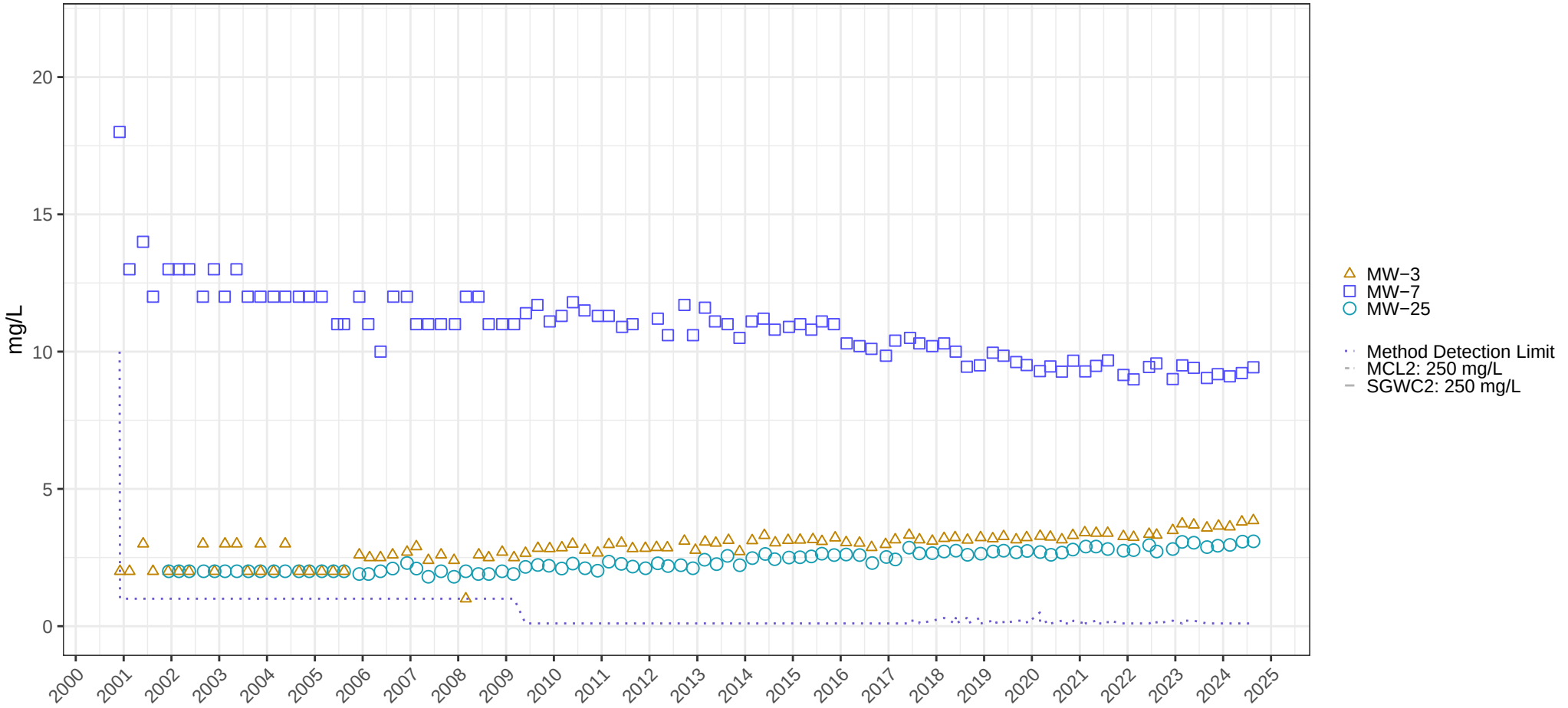
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−44A
Deep Aquifer
Nitrate



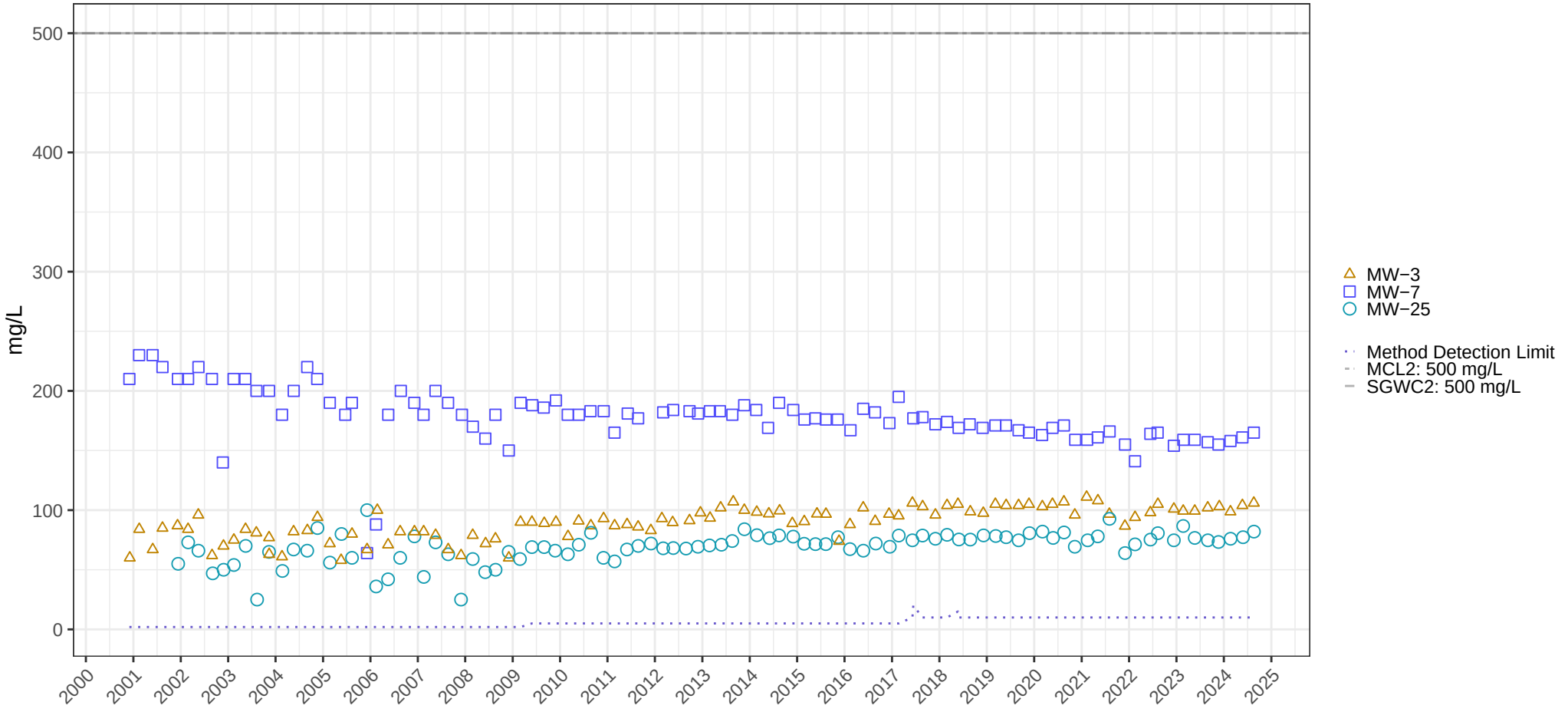
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−45A
Deep Aquifer
Sulfate



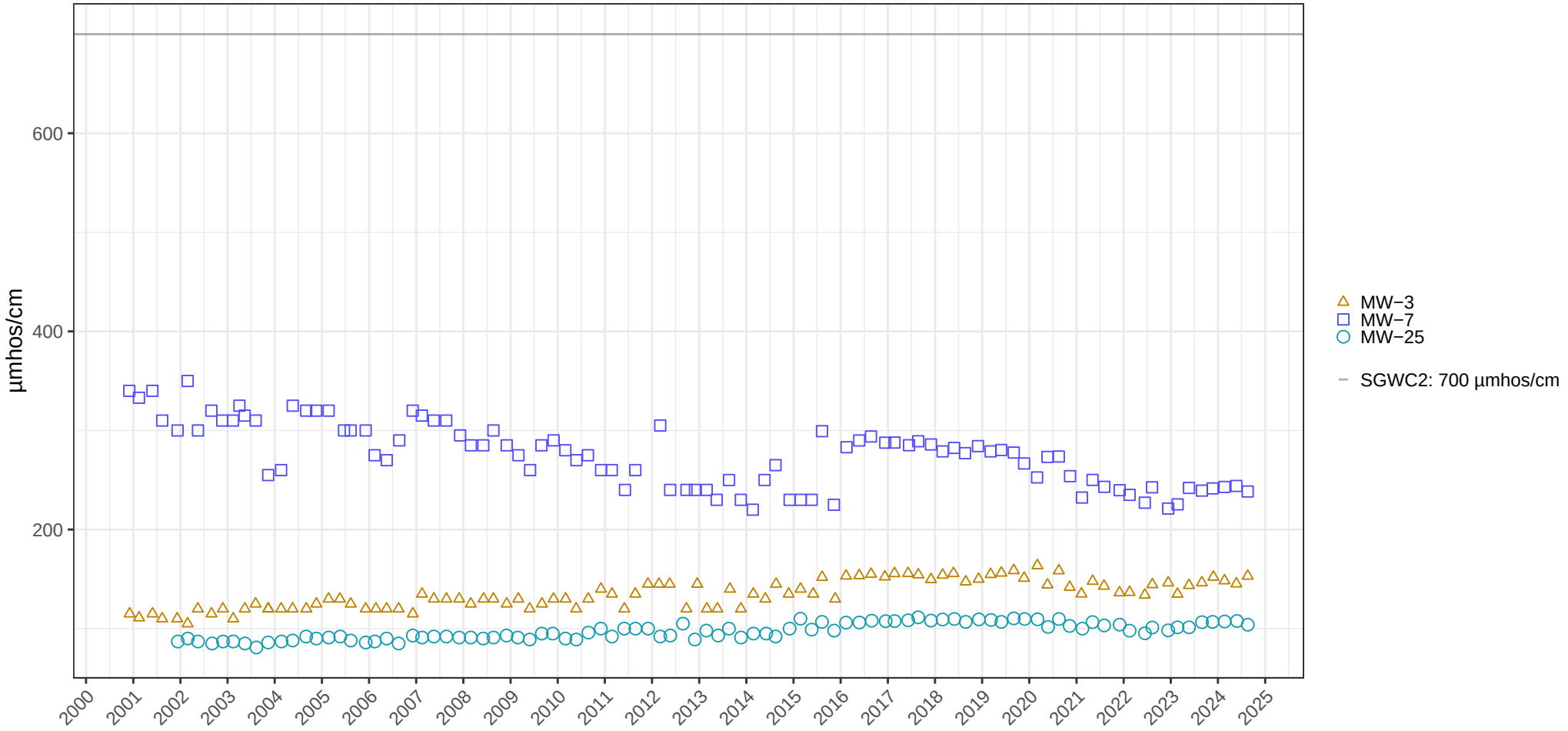
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−46A
Deep Aquifer
Total Dissolved Solids



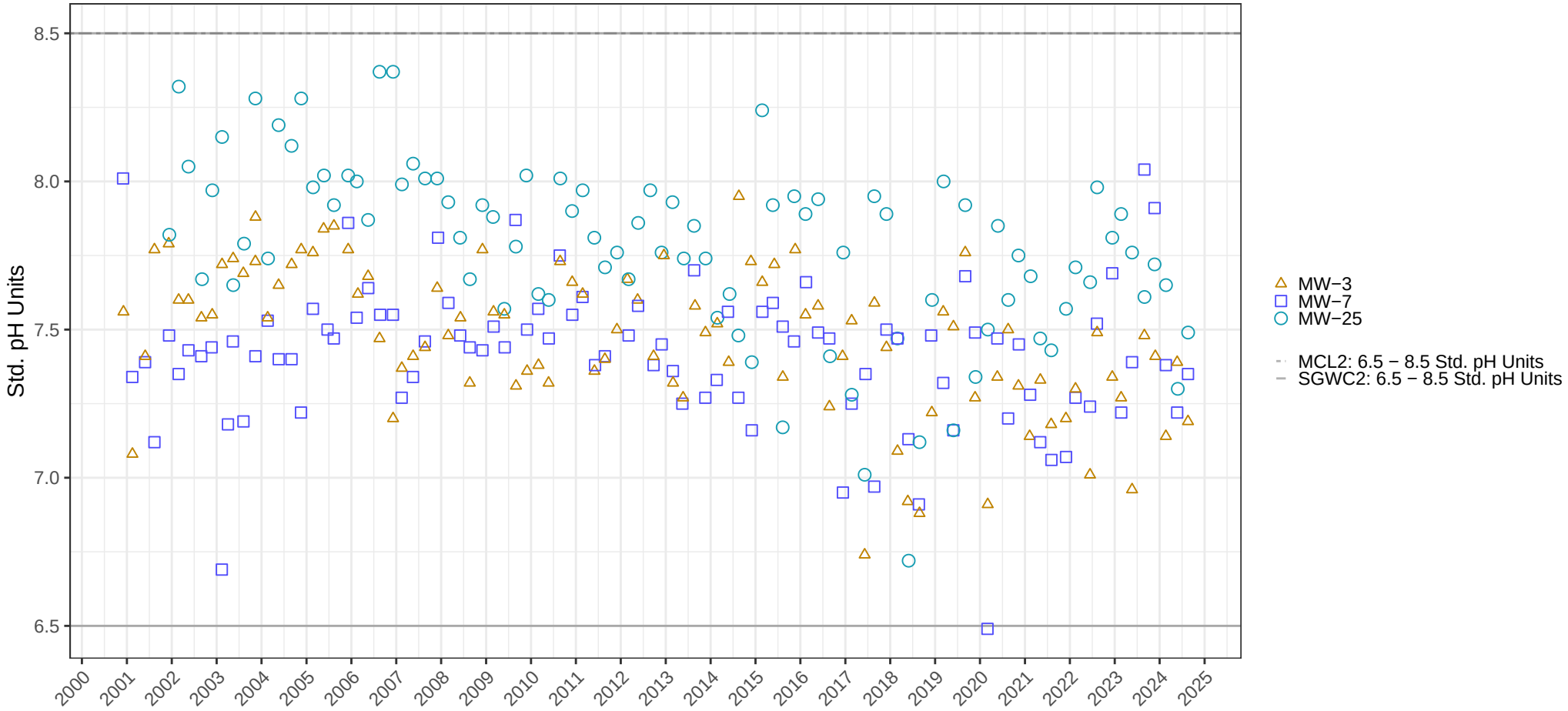
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−47A
Deep Aquifer
Specific Conductivity, Field



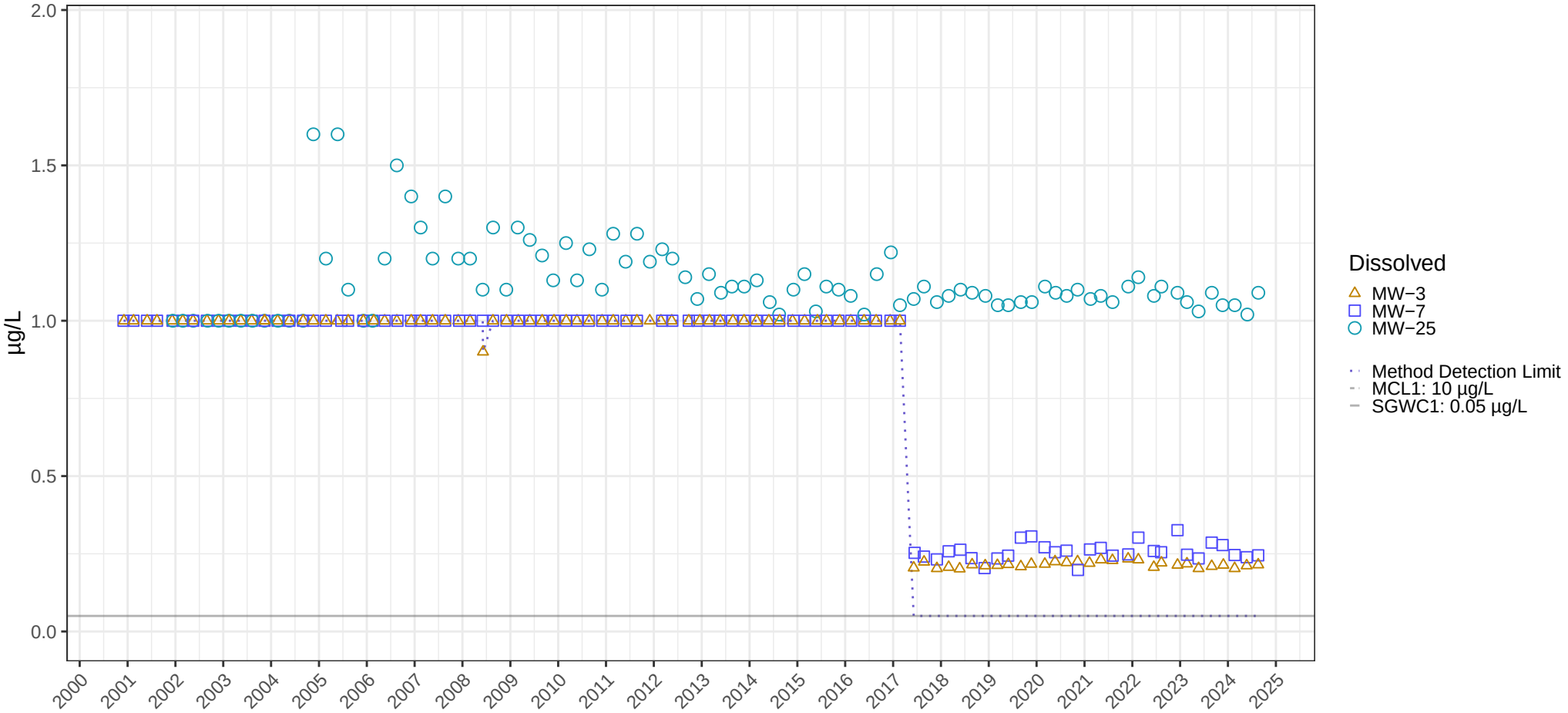
SGWC2: Washington State Secondary Groundwater Quality Criteria

Figure B−48A
Deep Aquifer
pH, Field



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−49A
Deep Aquifer
Arsenic



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−50A
Deep Aquifer
Calcium

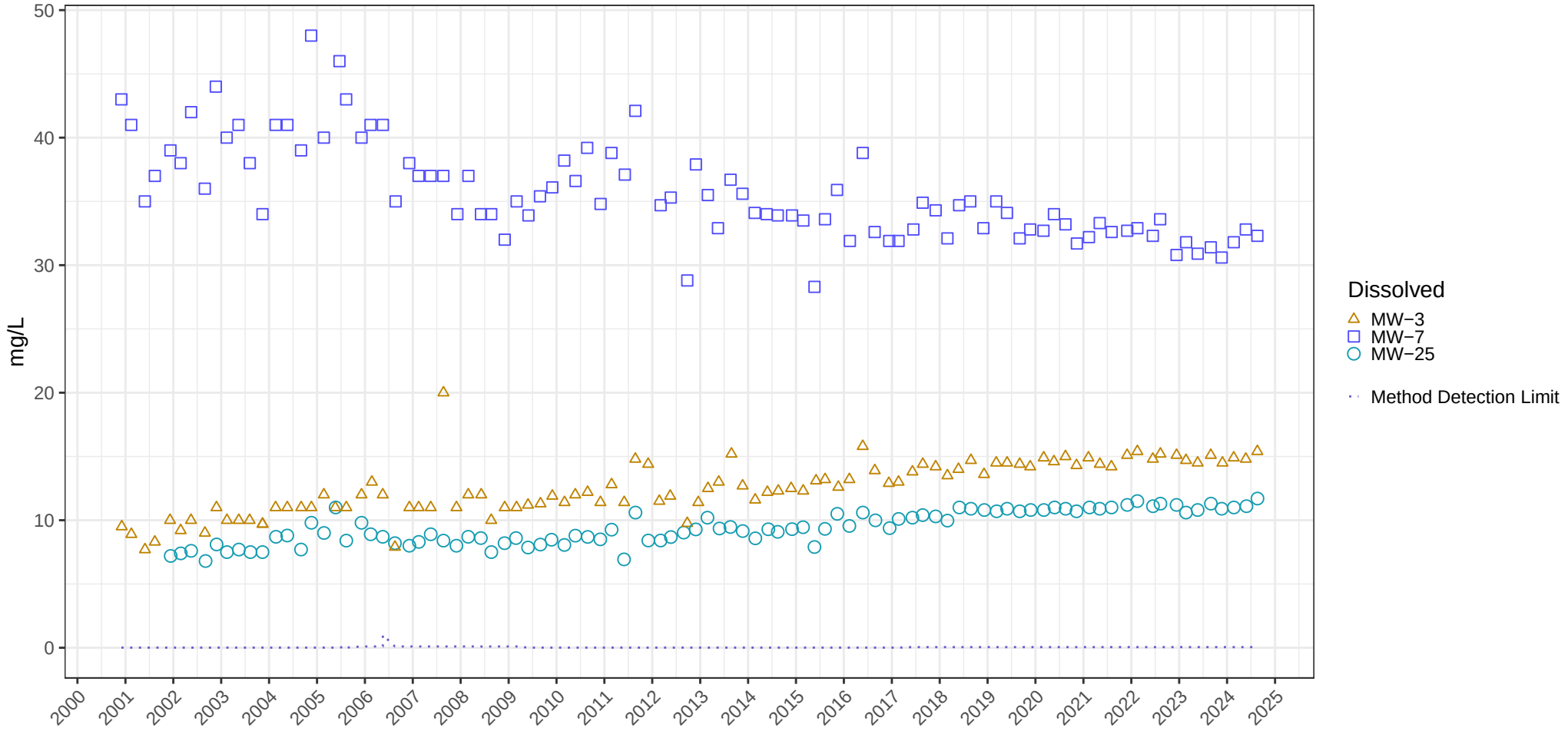
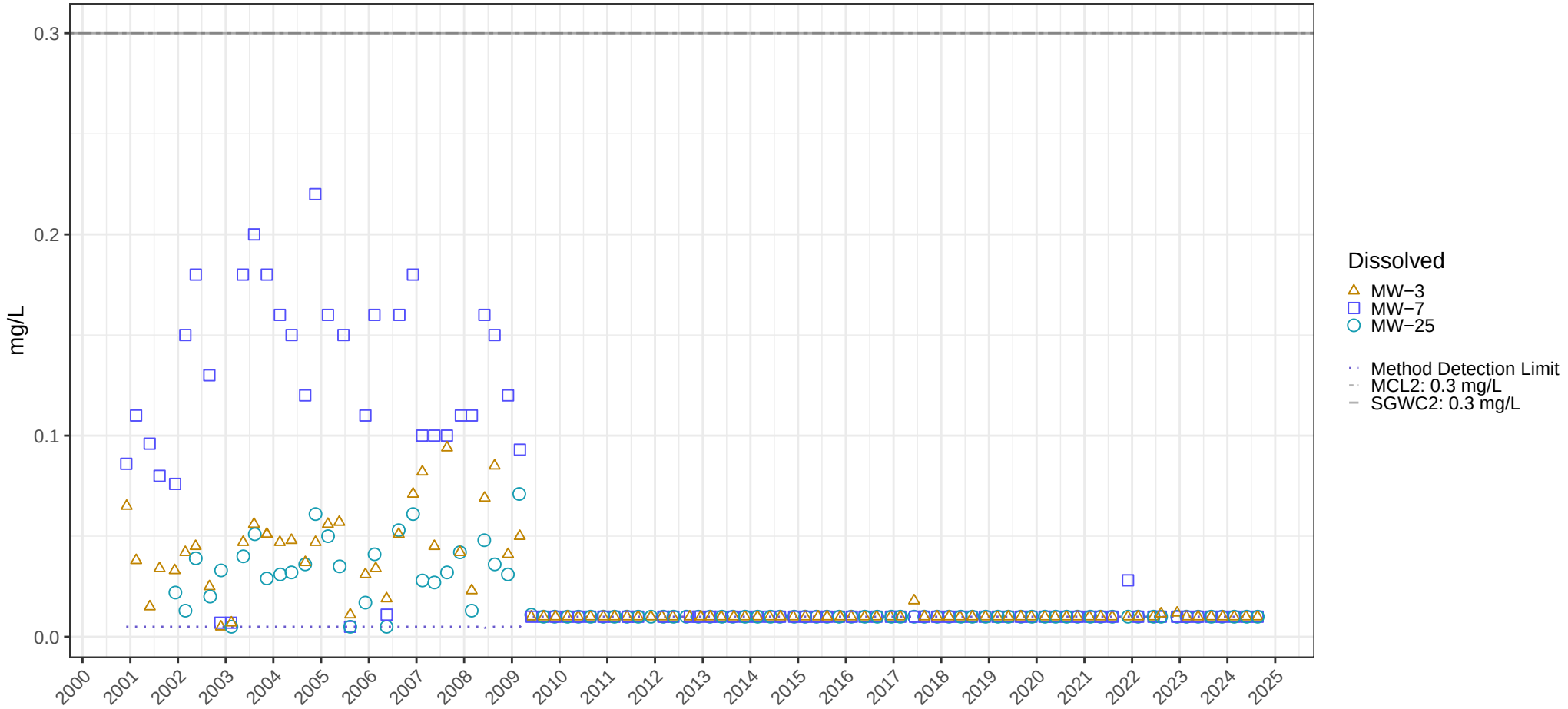


Figure B−51A
Deep Aquifer
Iron



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−52A
Deep Aquifer
Magnesium

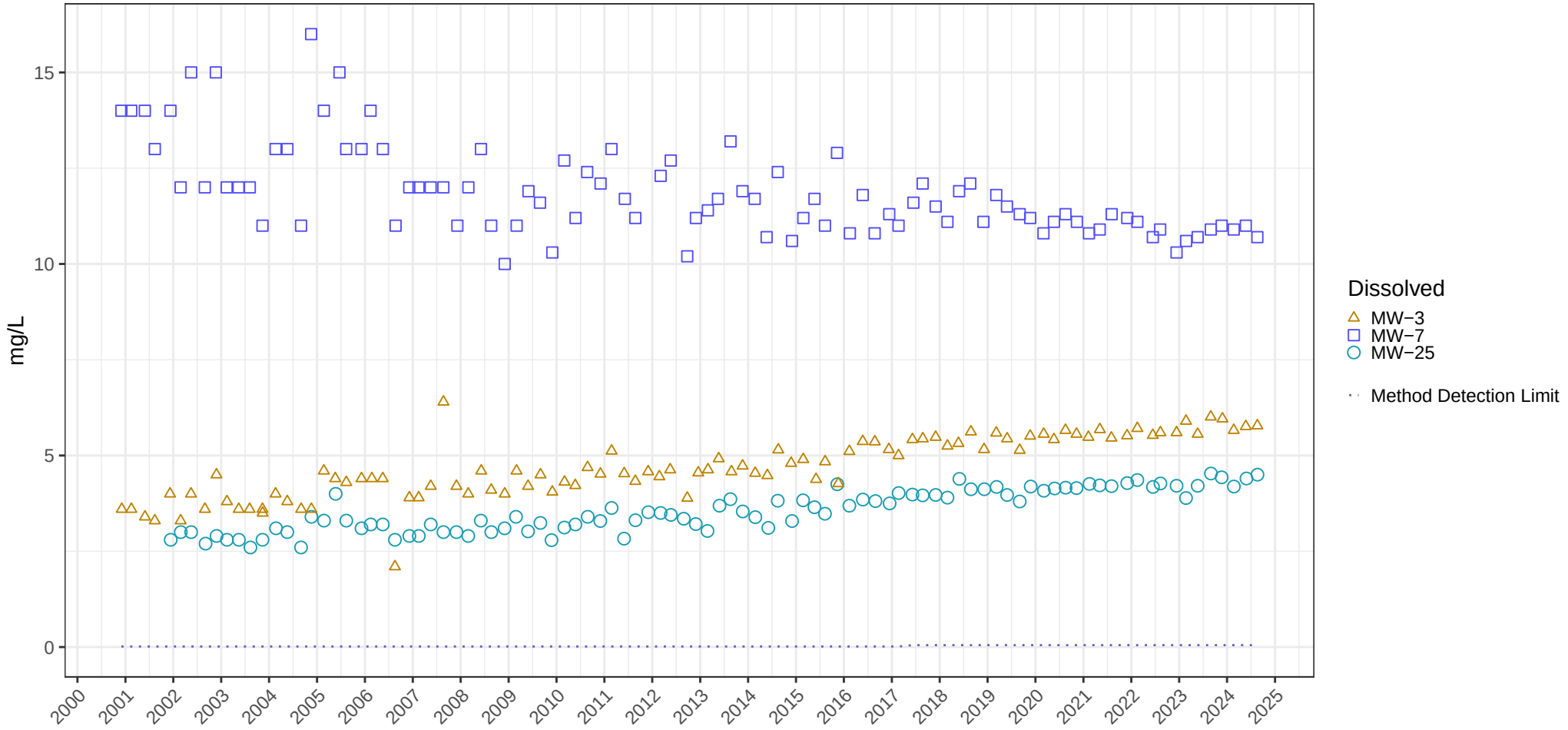
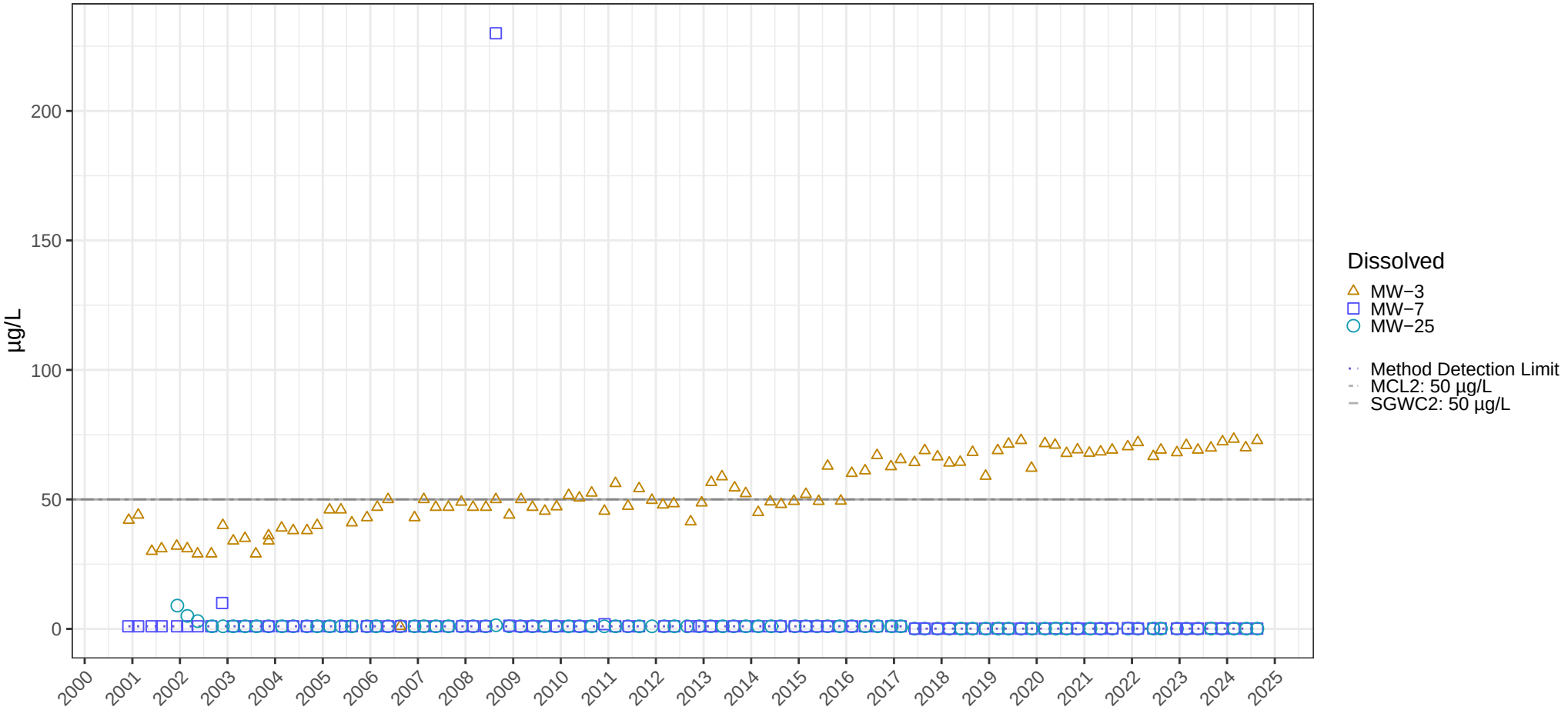


Figure B−53A
Deep Aquifer
Manganese



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−54A
Deep Aquifer
Potassium

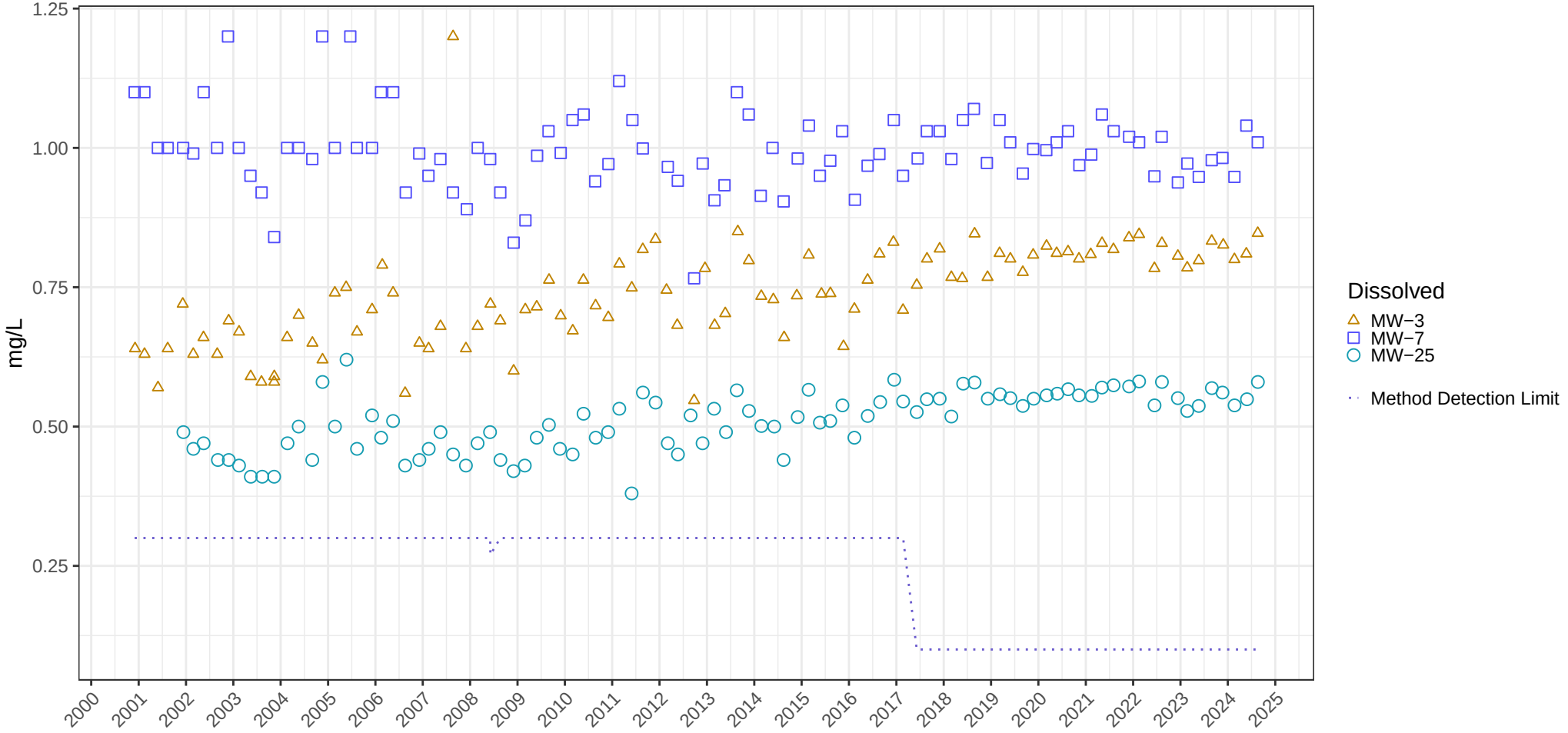
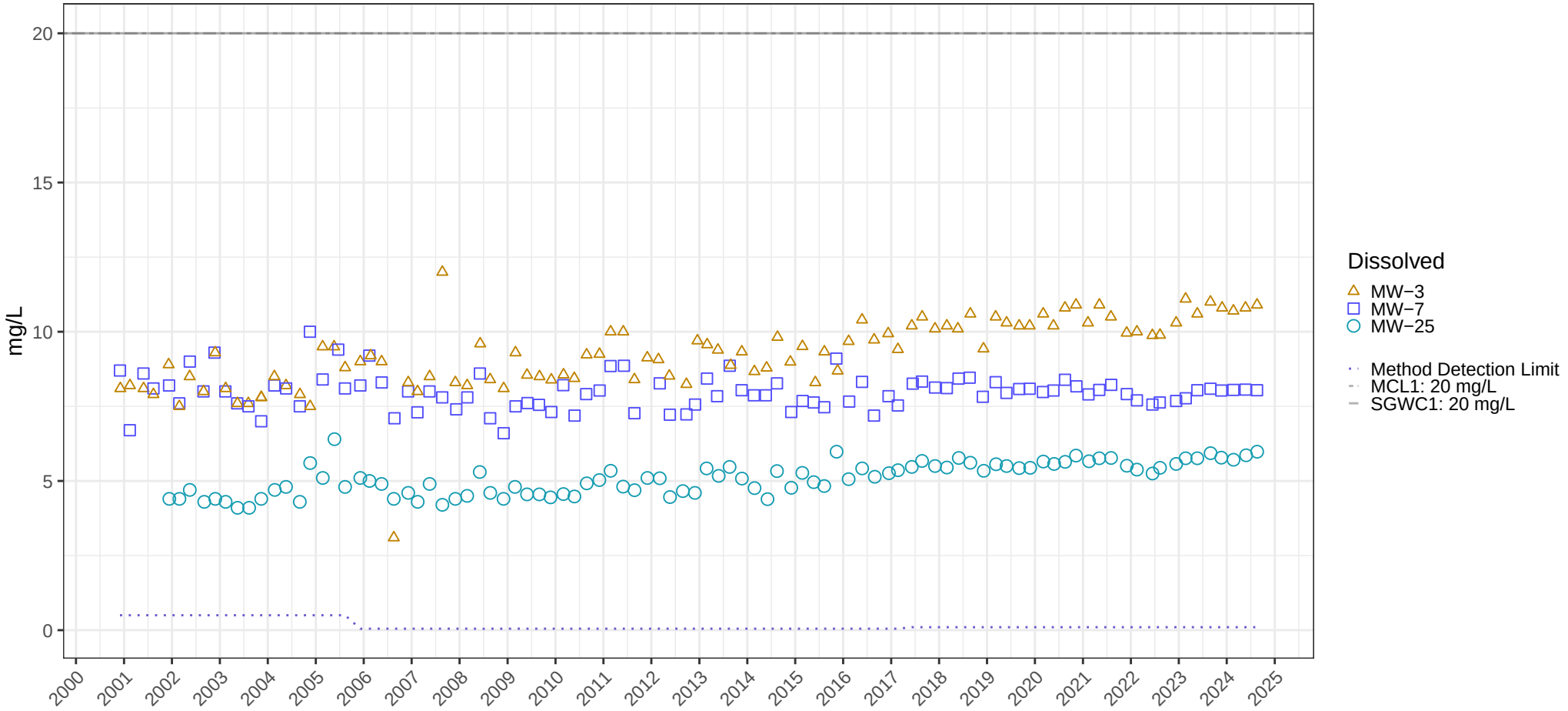
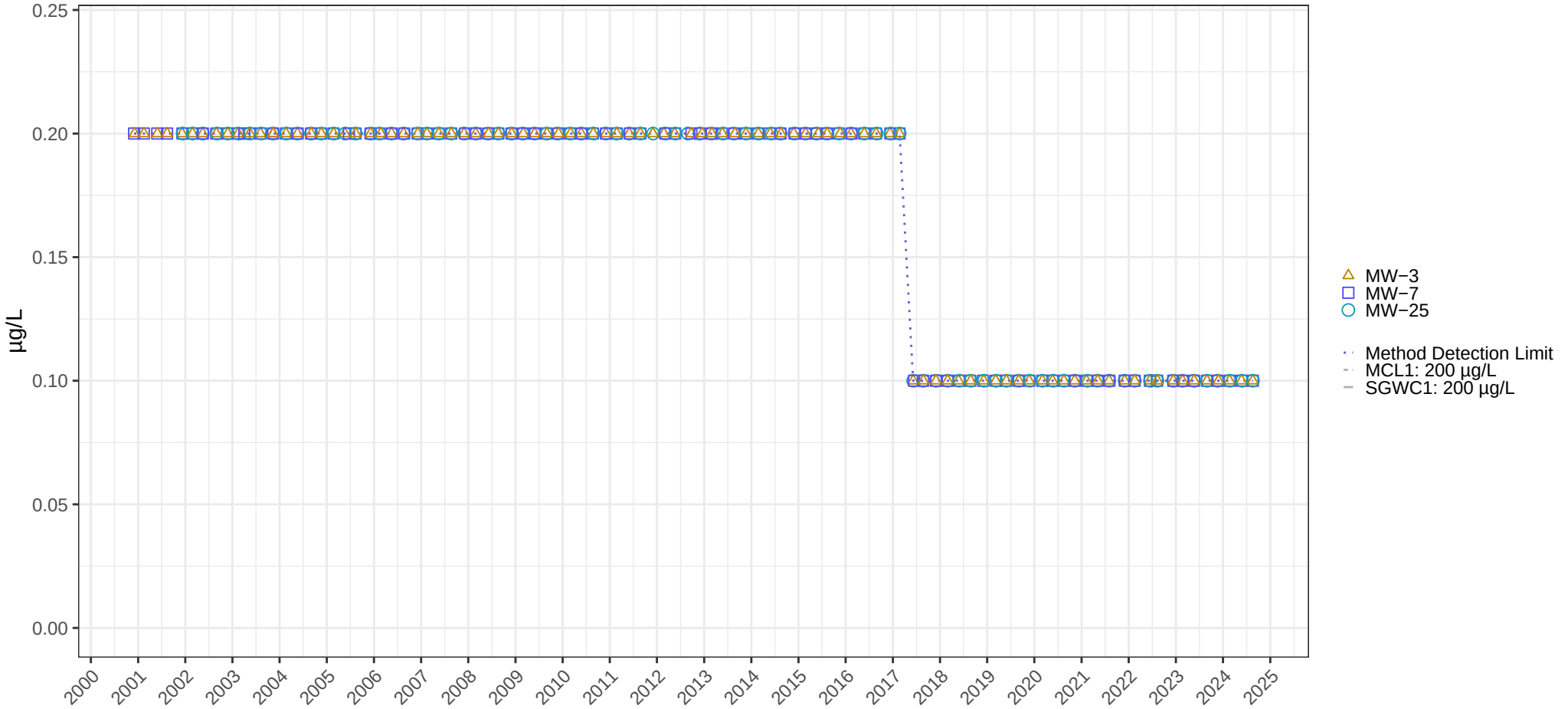


Figure B−55A
Deep Aquifer
Sodium



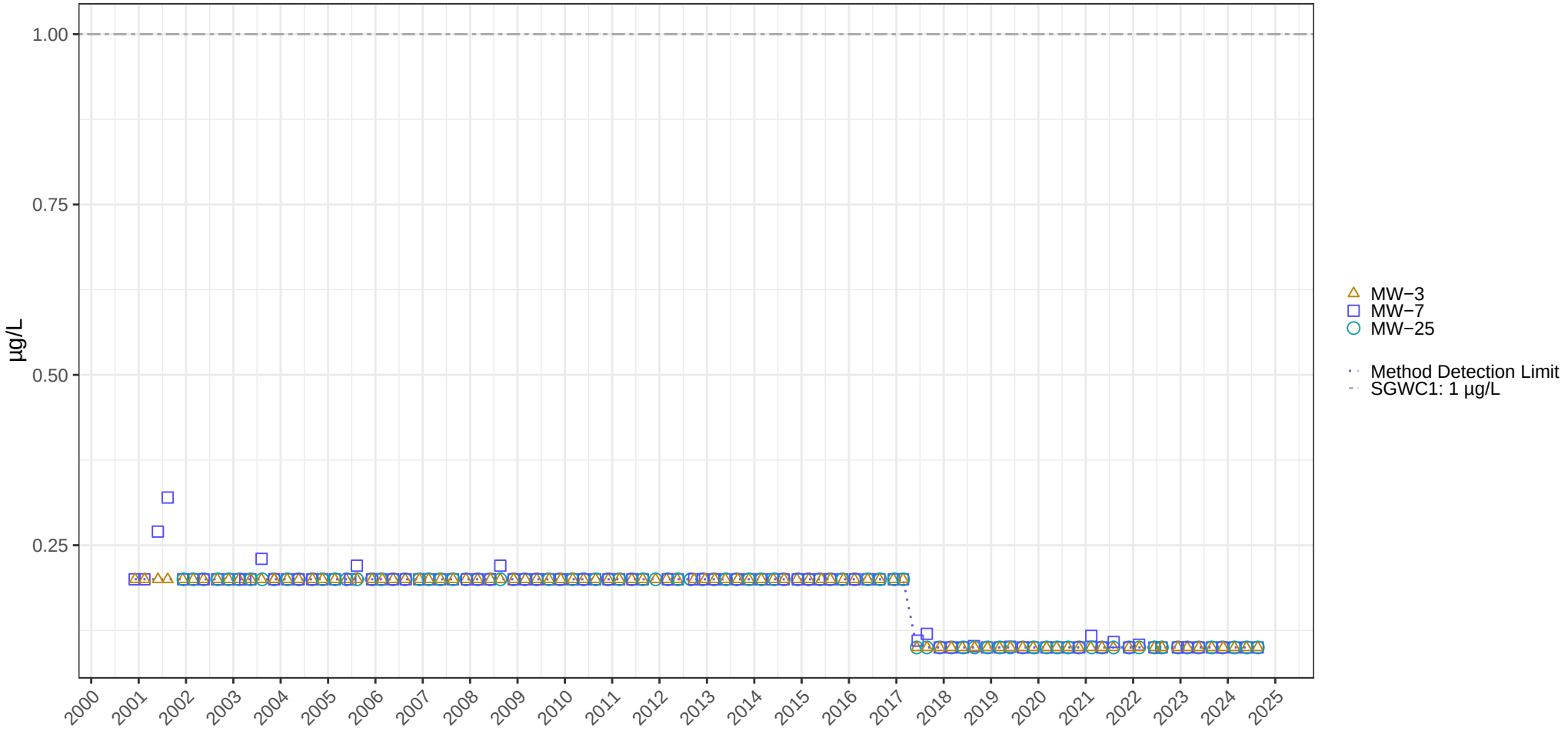
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−56A
Deep Aquifer
1,1,1−Trichloroethane



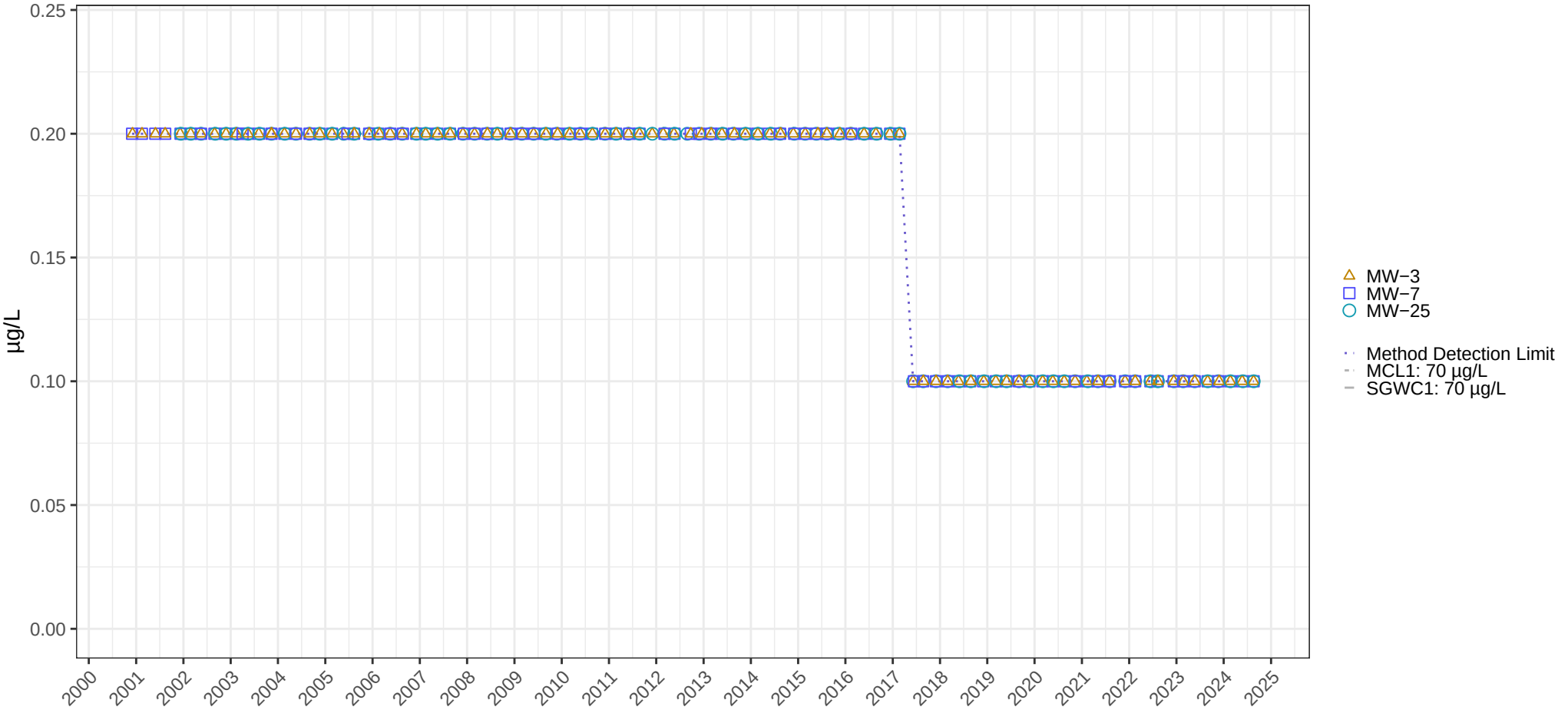
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−57A
Deep Aquifer
1,1−Dichloroethane



SGWC1: Washington State Primary Groundwater Quality Criteria

Figure B−58A
Deep Aquifer
Cis−1,2−Dichloroethene



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−59A
Deep Aquifer
Dichlorodifluoromethane

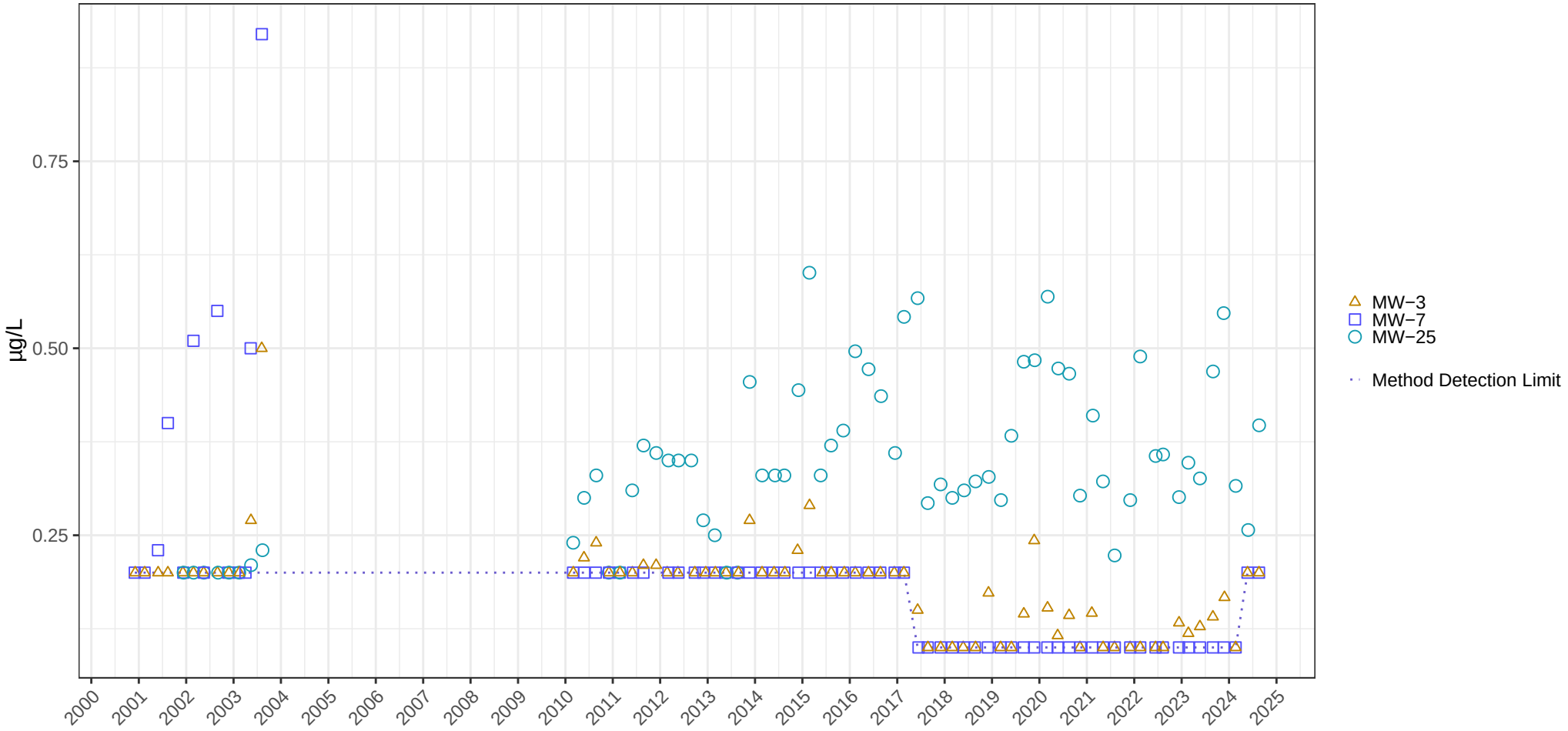


Figure B−60A
Deep Aquifer
Vinyl Chloride

SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−61B
Deep Aquifer
Alkalinity, Total (as CaCO3)

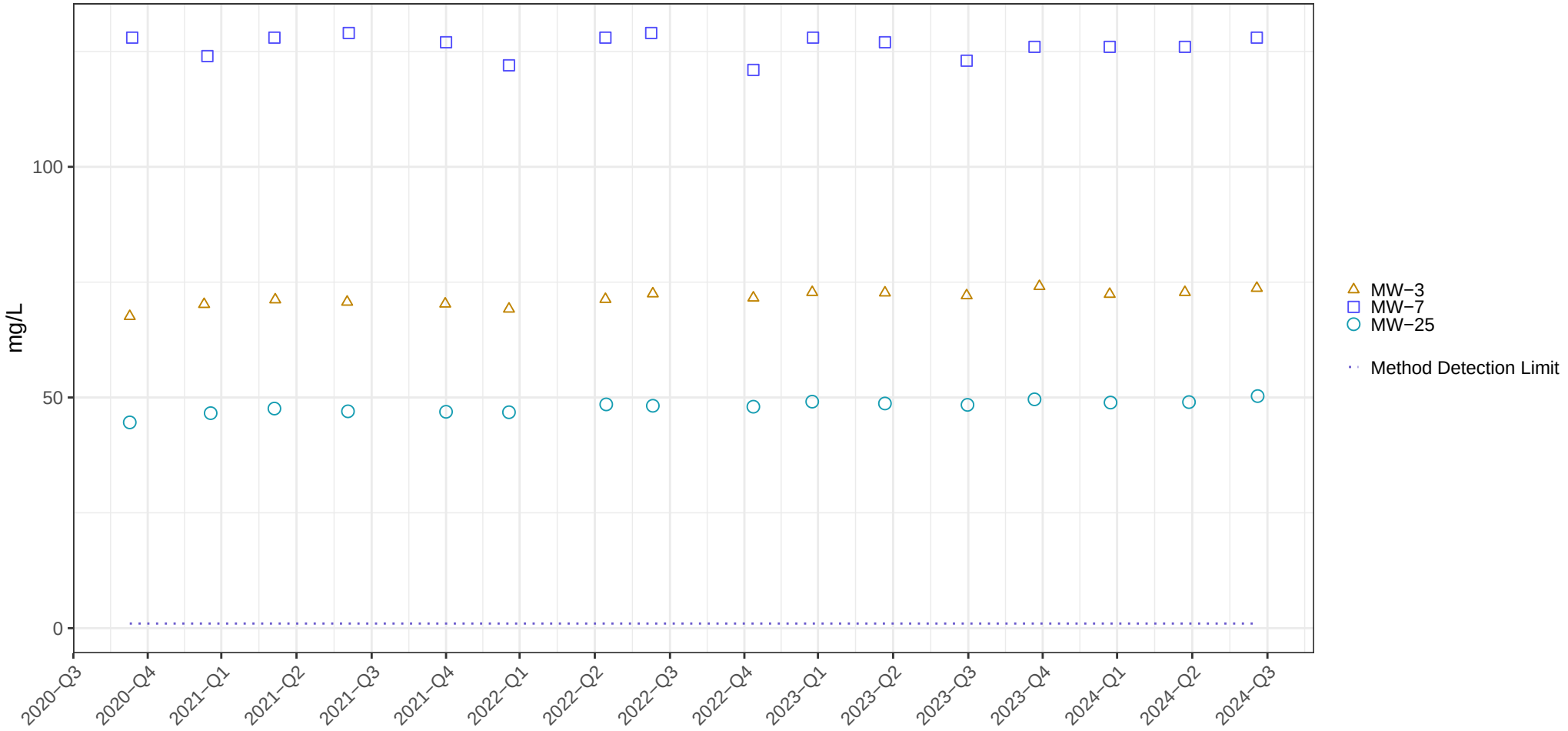


Figure B−62B
Deep Aquifer
Ammonia As N

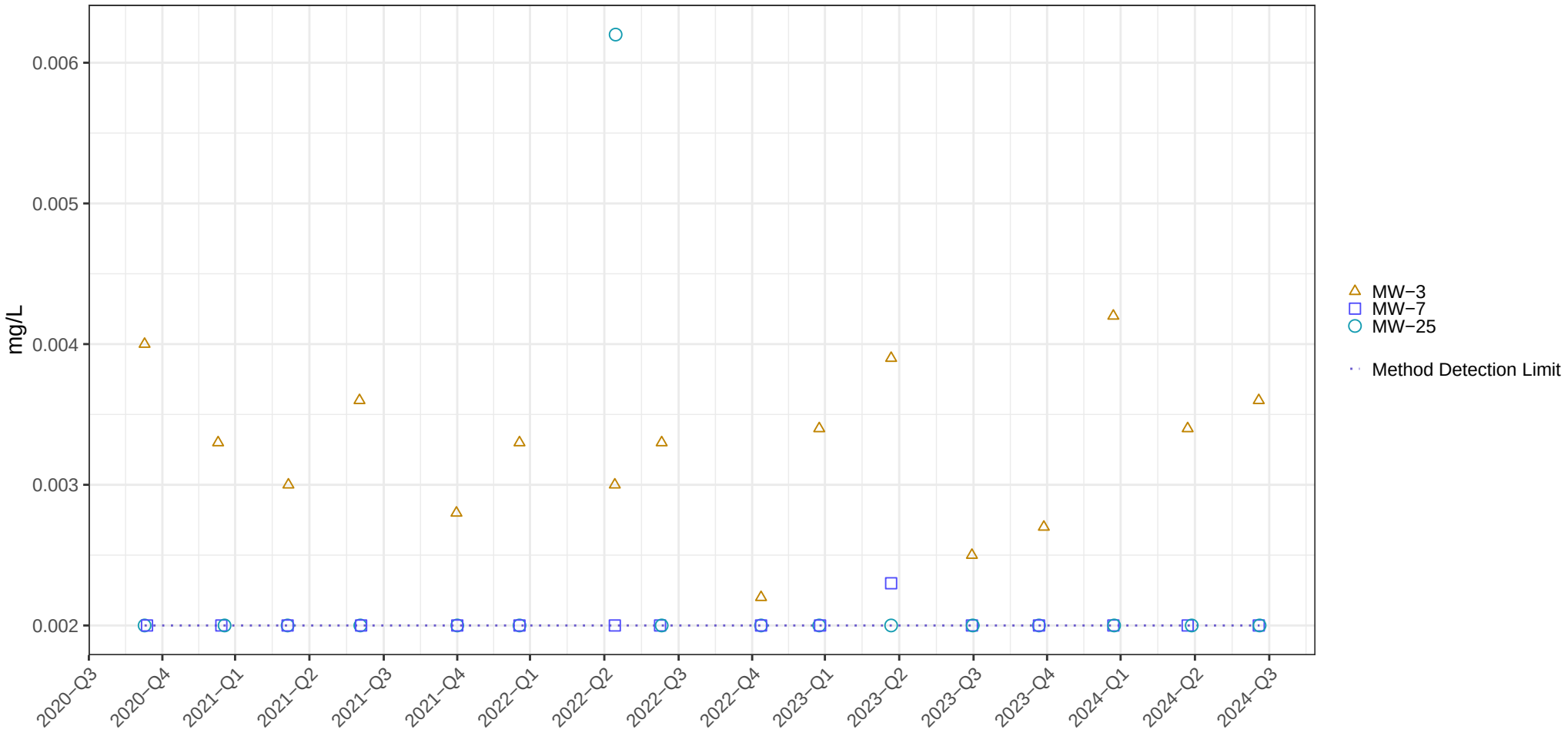
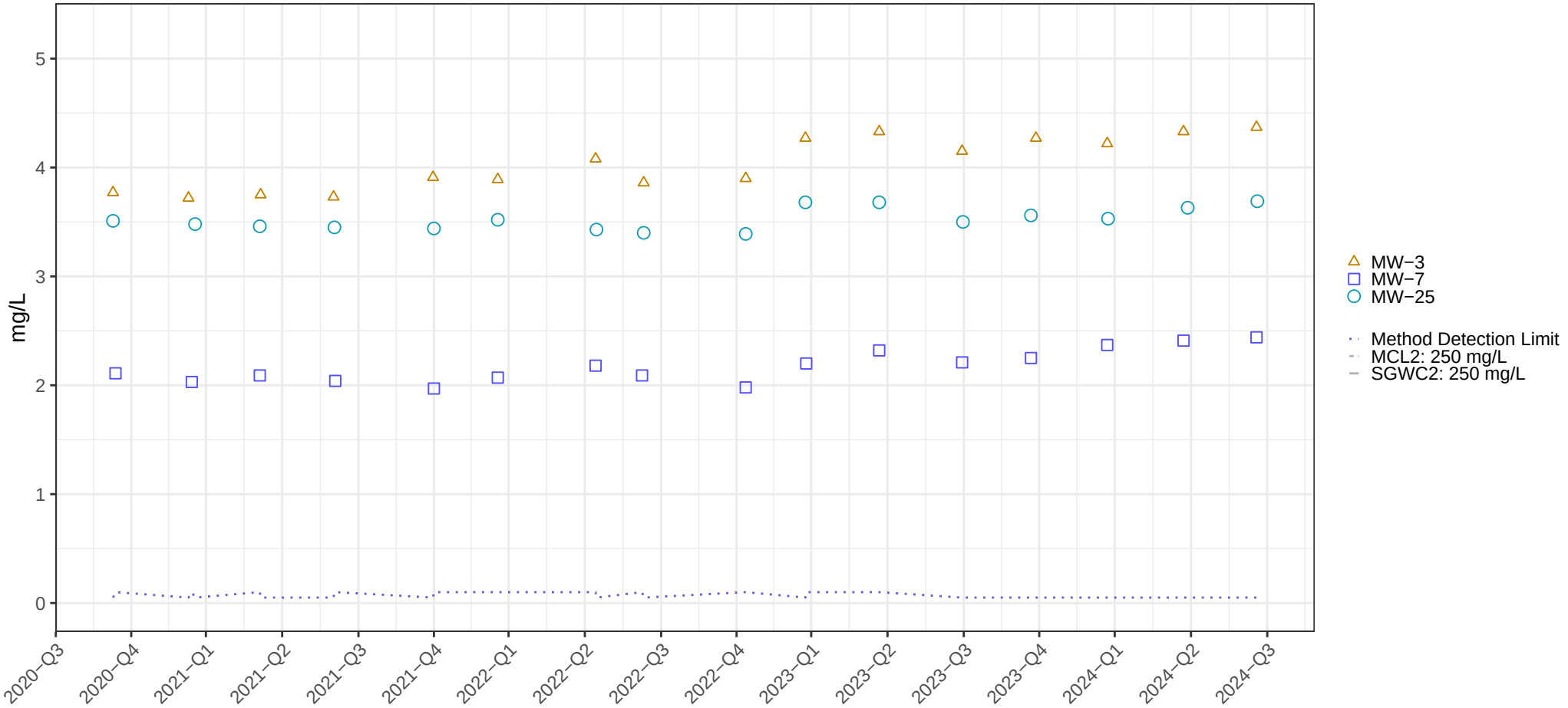
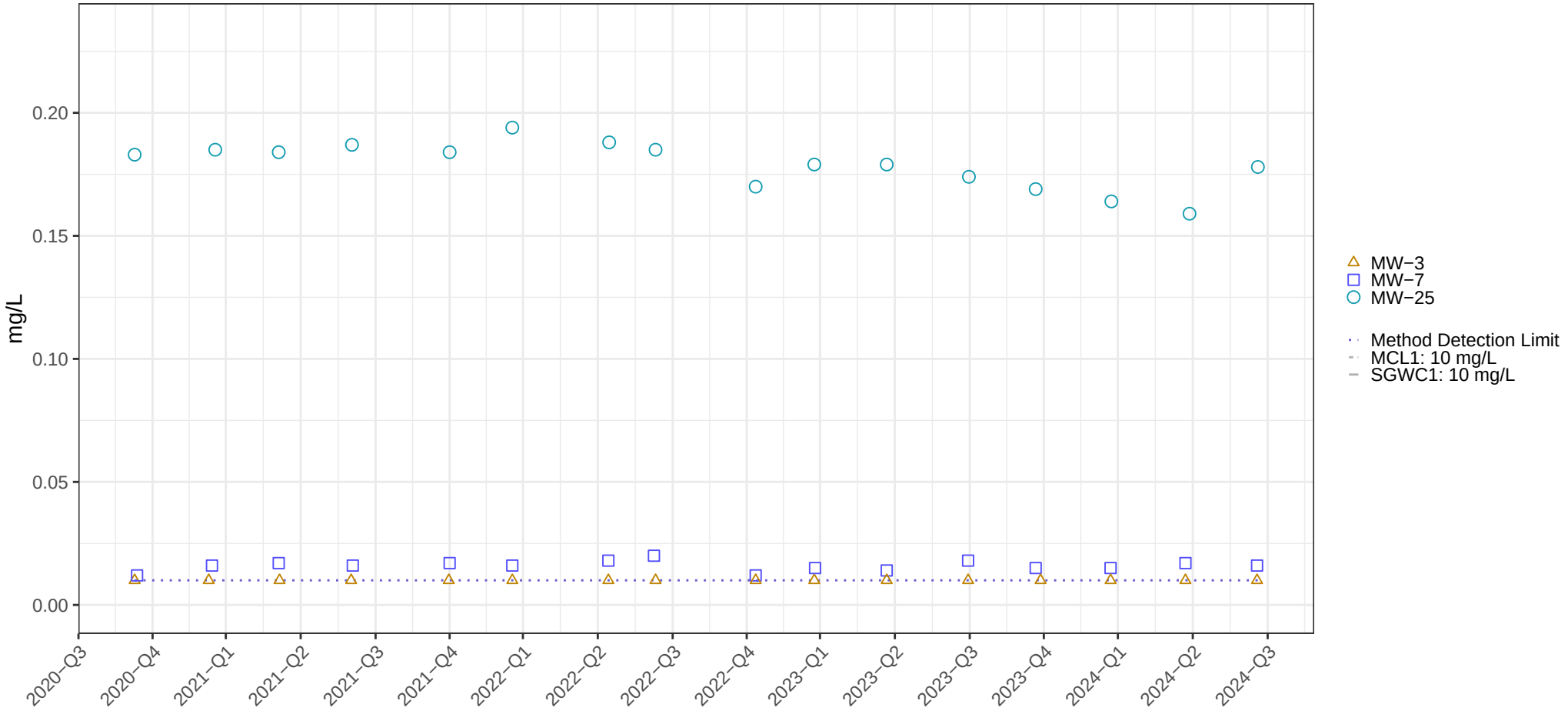


Figure B−63B
Deep Aquifer
Chloride



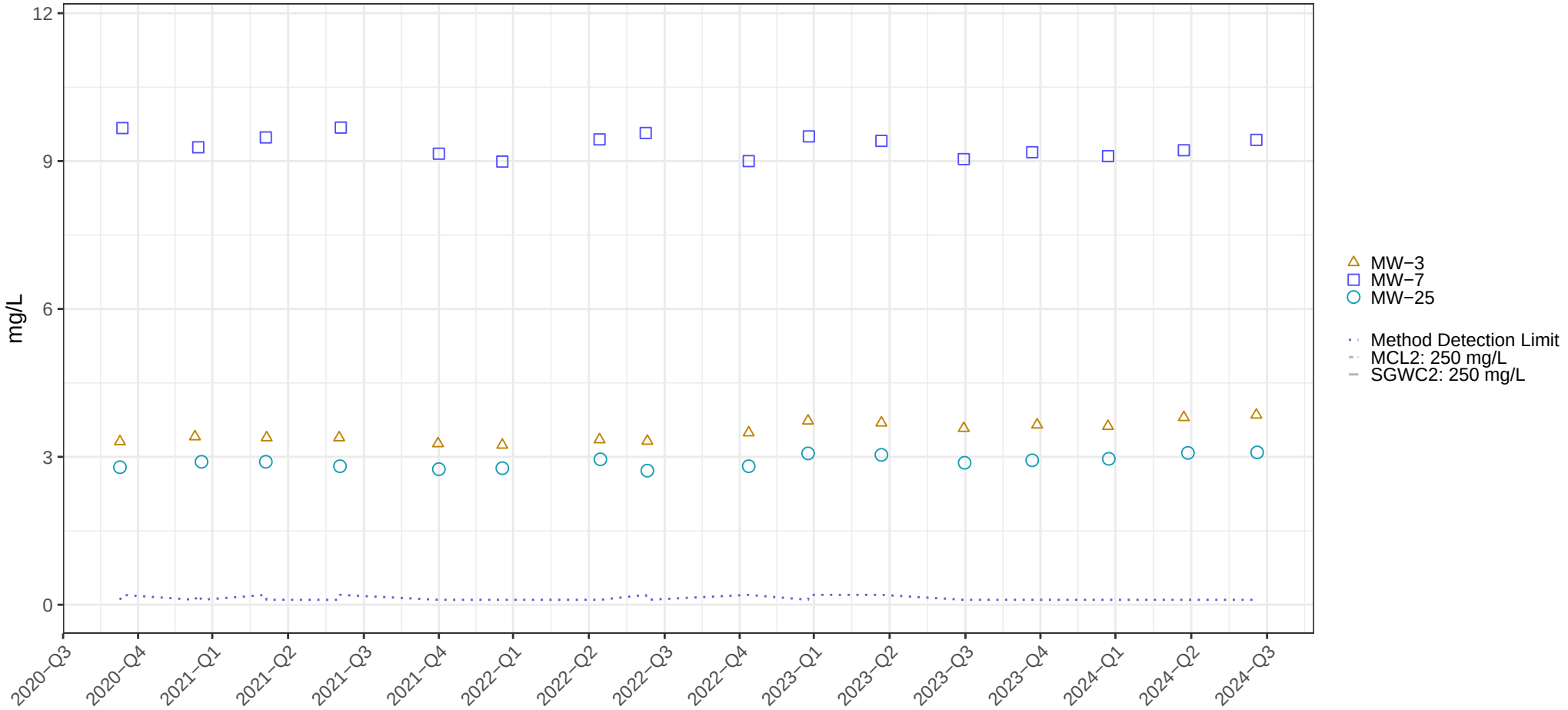
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−64B
Deep Aquifer
Nitrate



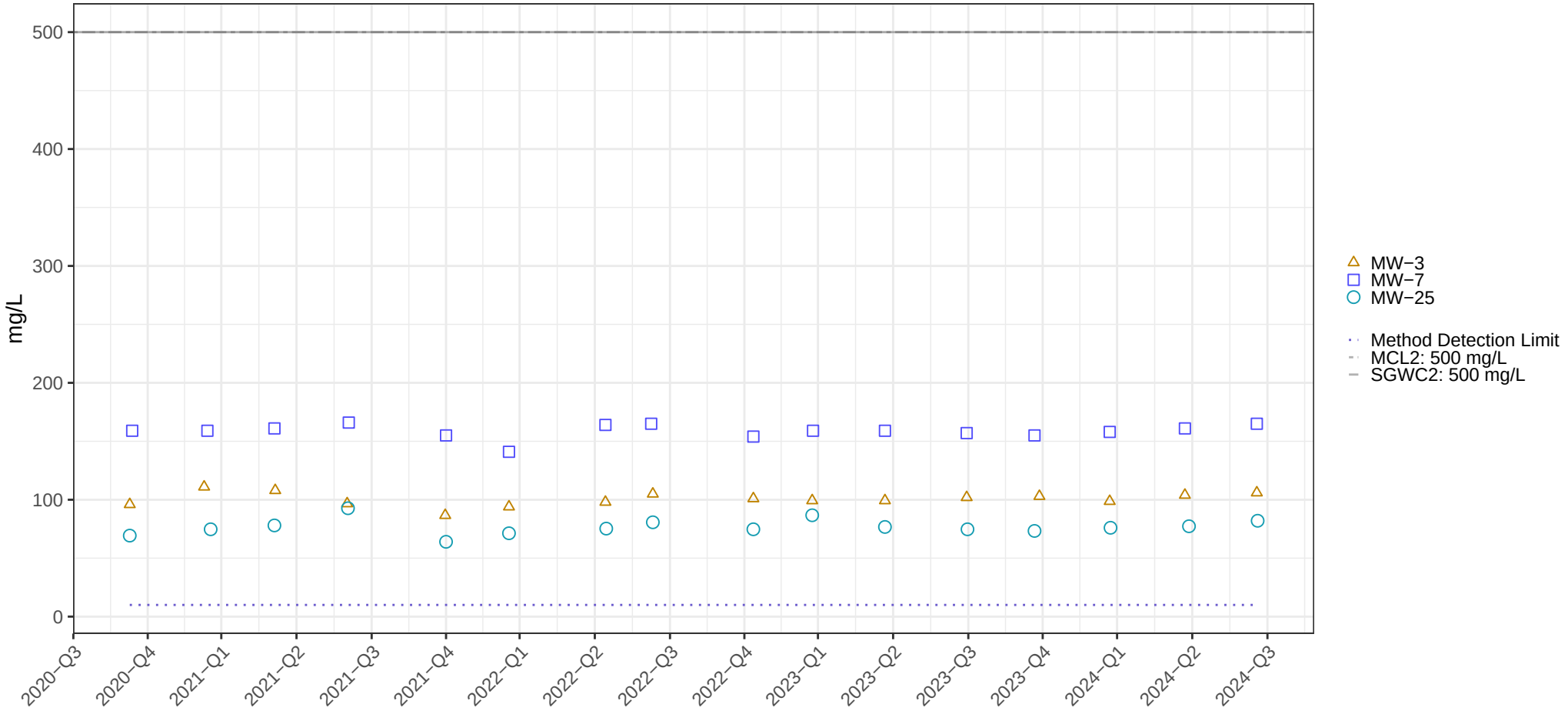
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−65B
Deep Aquifer
Sulfate



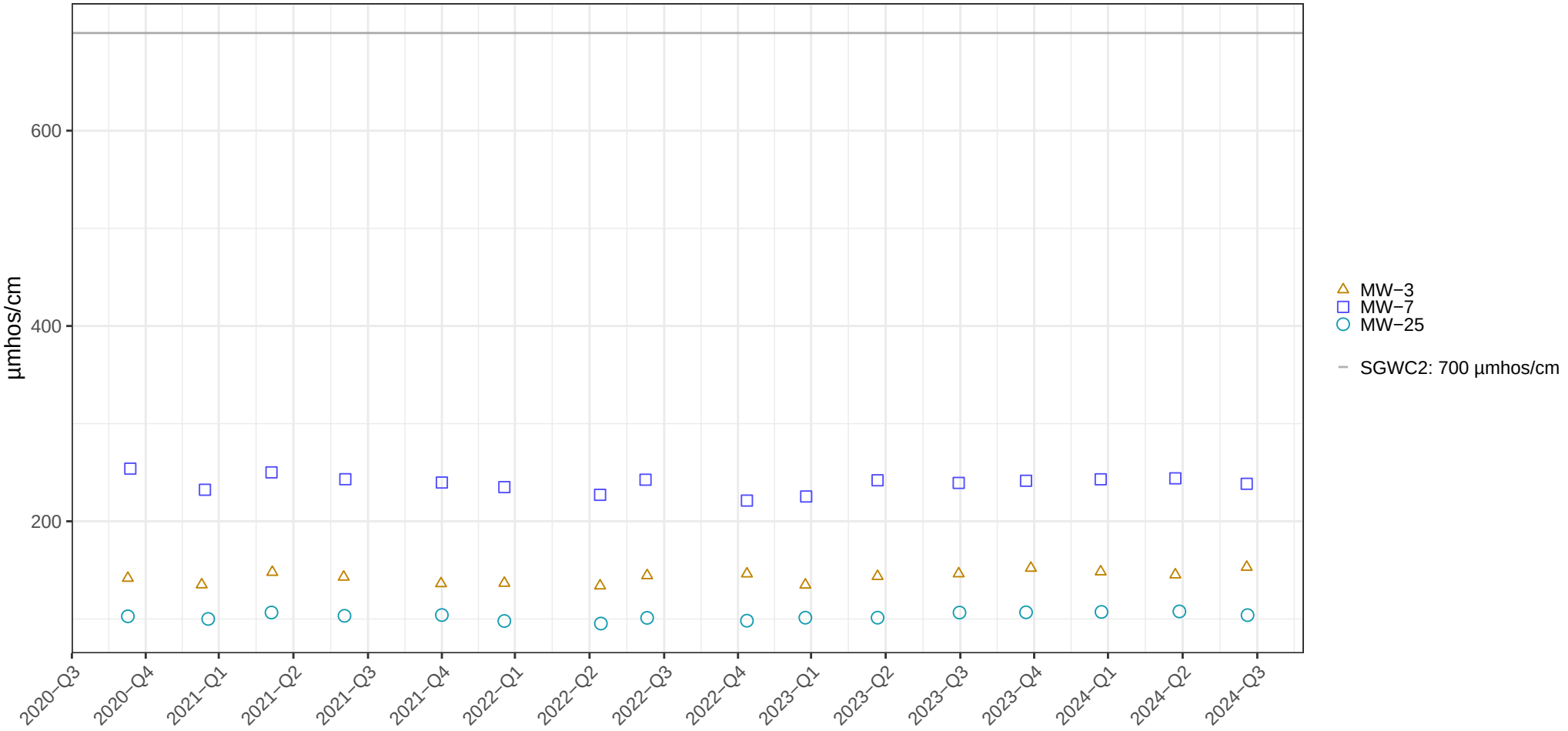
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−66B
Deep Aquifer
Total Dissolved Solids



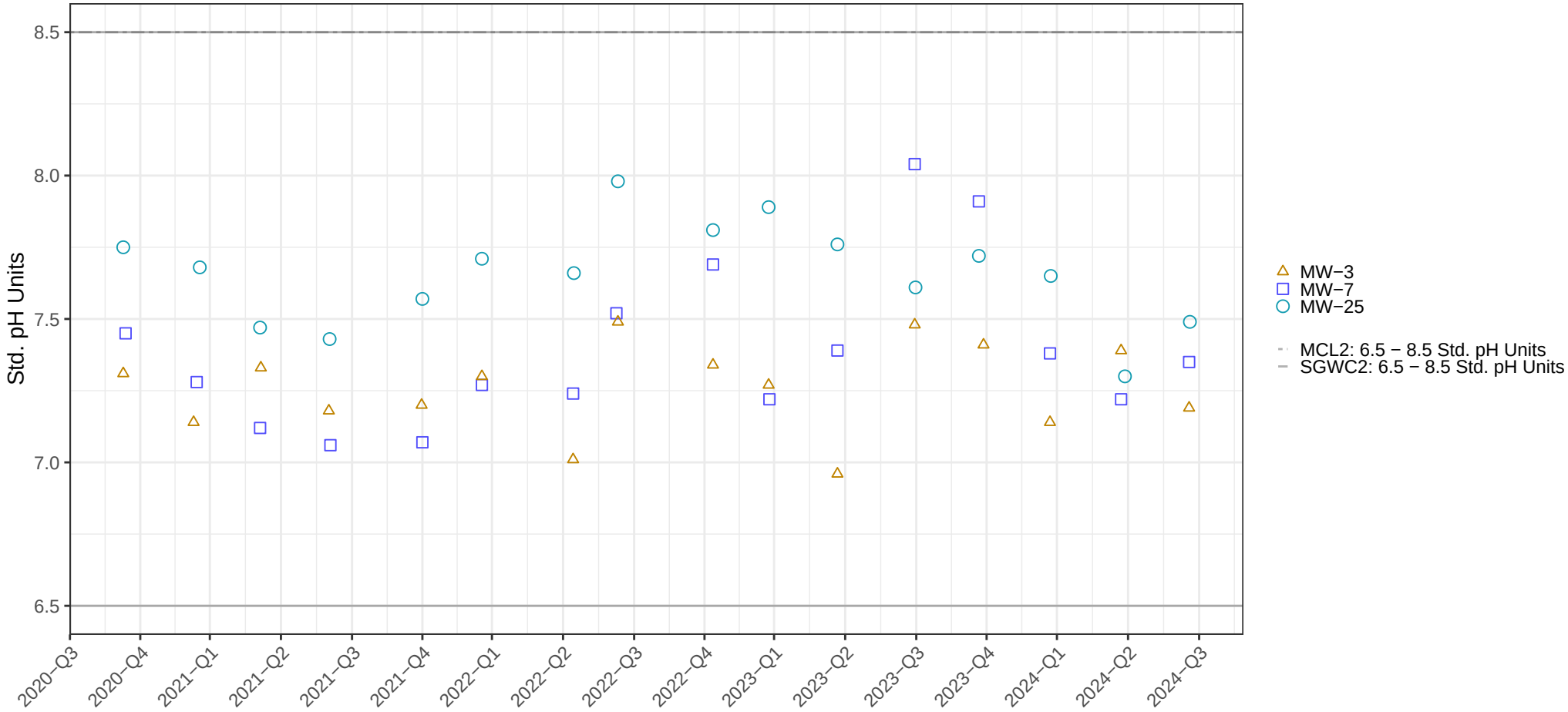
SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−67B
Deep Aquifer
Specific Conductivity, Field



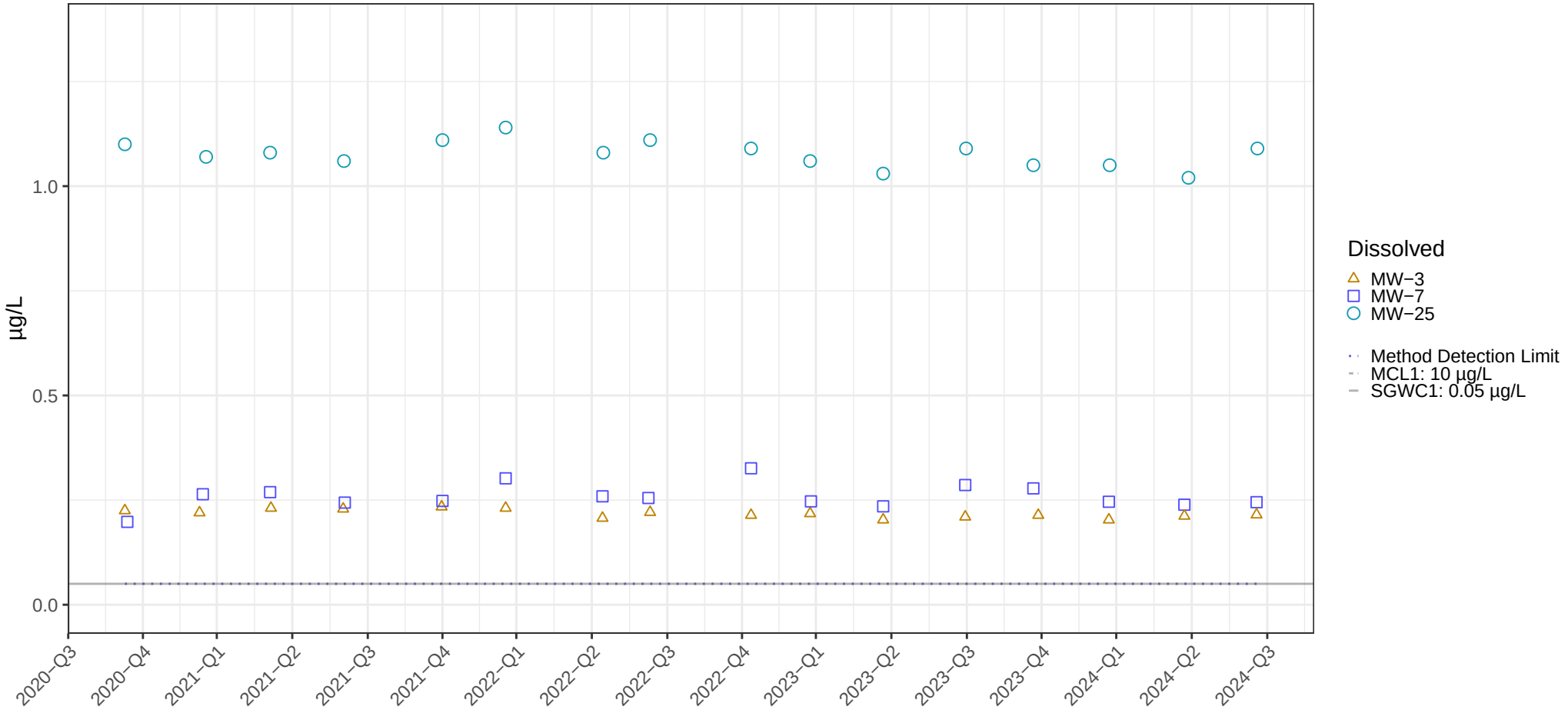
SGWC2: Washington State Secondary Groundwater Quality Criteria

Figure B−68B
Deep Aquifer
pH, Field



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−69B
Deep Aquifer
Arsenic



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−70B
Deep Aquifer
Calcium

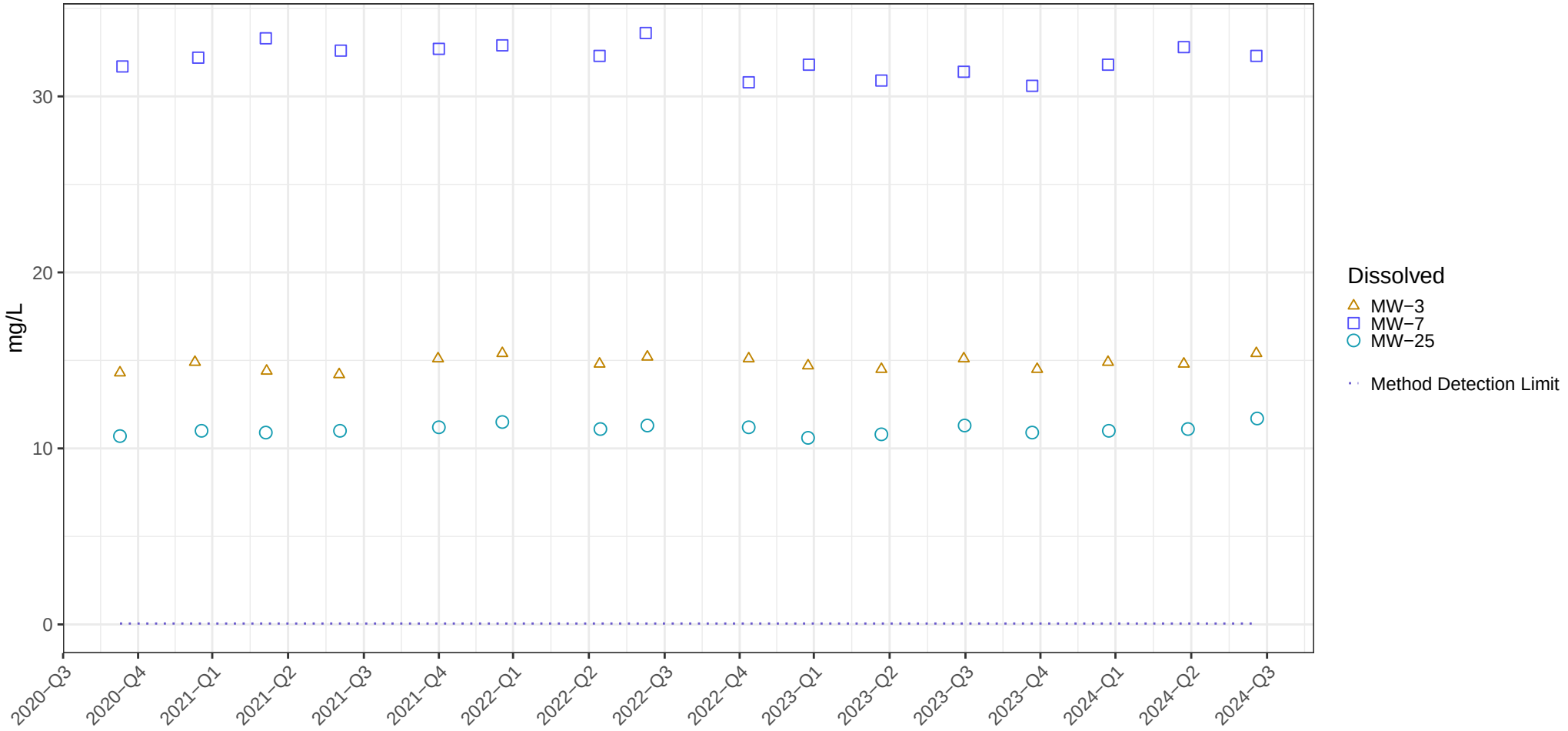
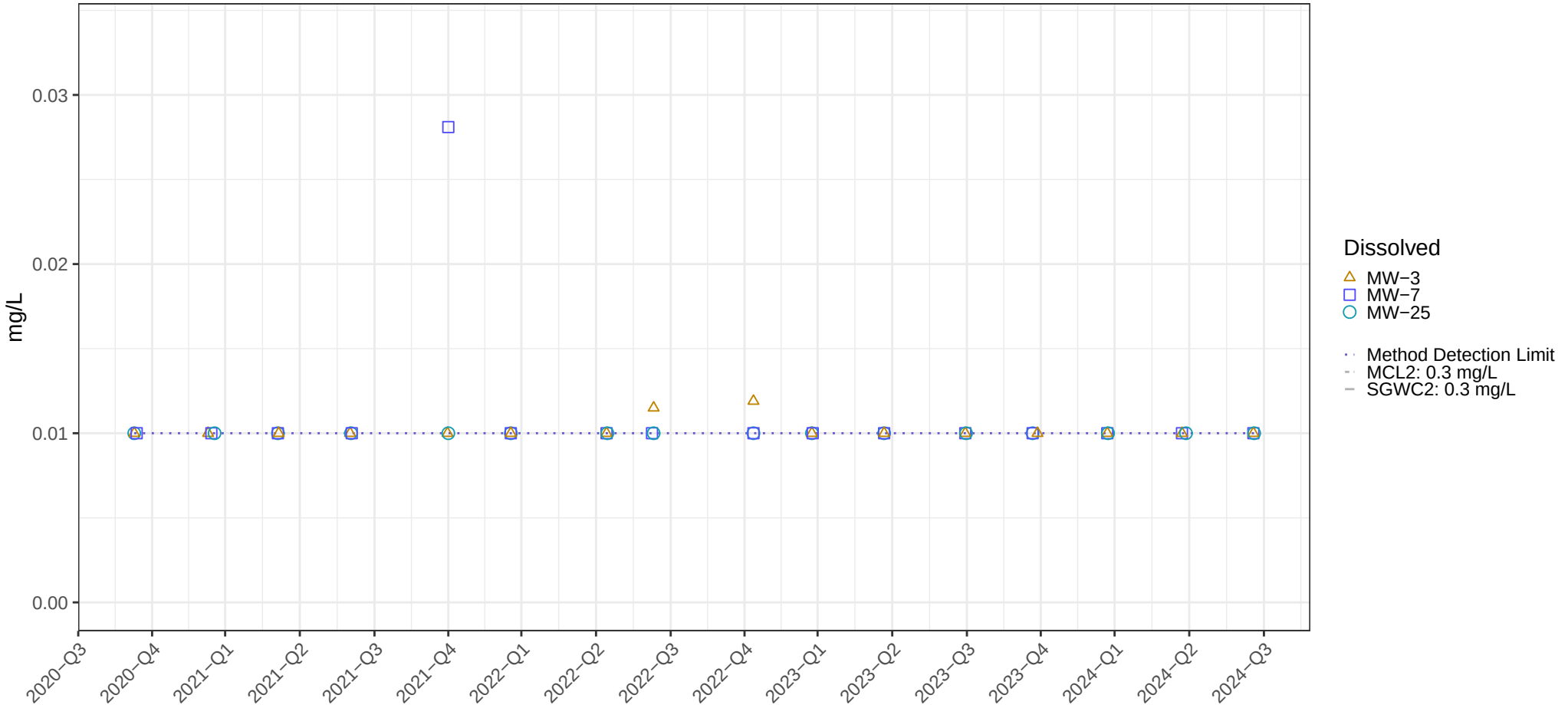


Figure B−71B
Deep Aquifer
Iron



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−72B
Deep Aquifer
Magnesium

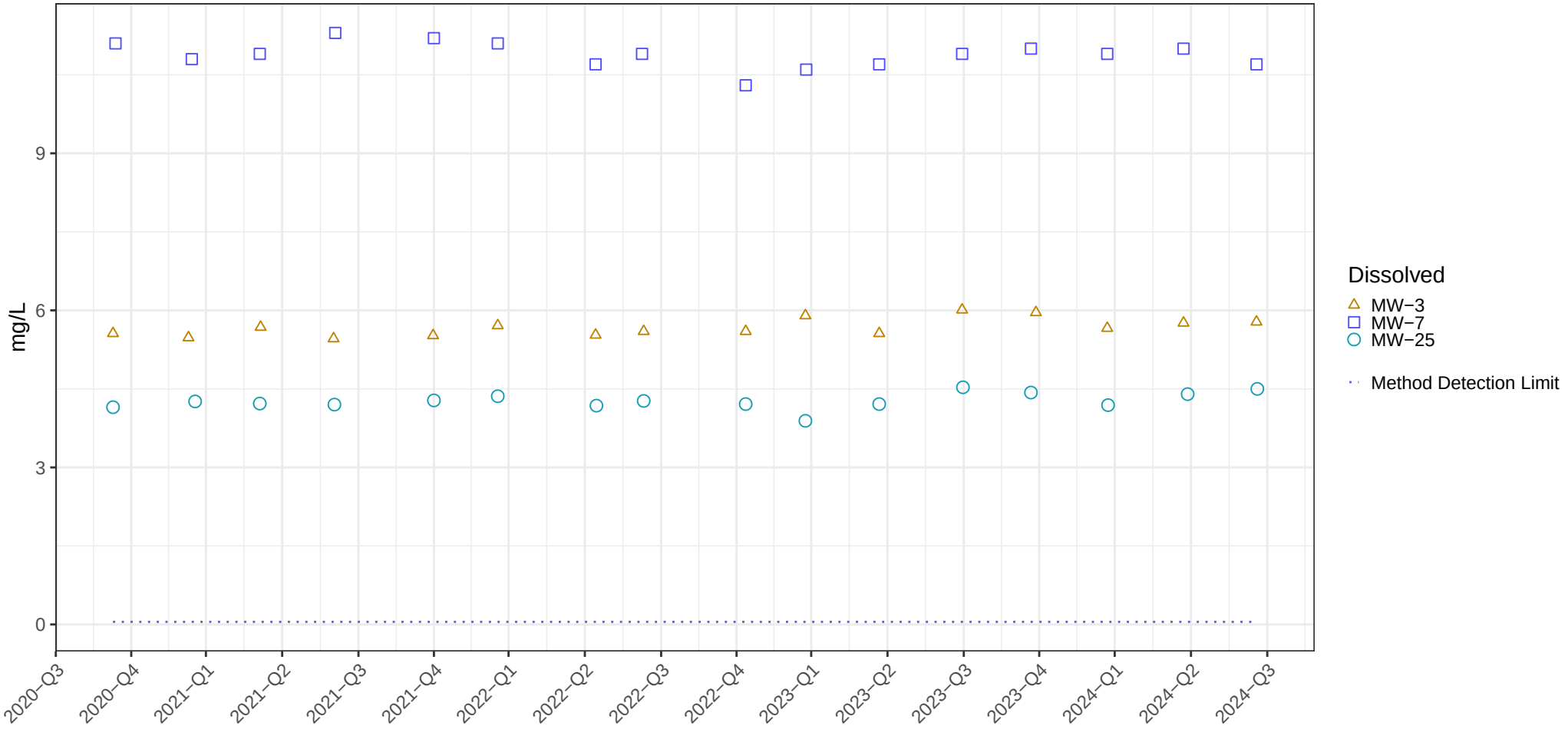
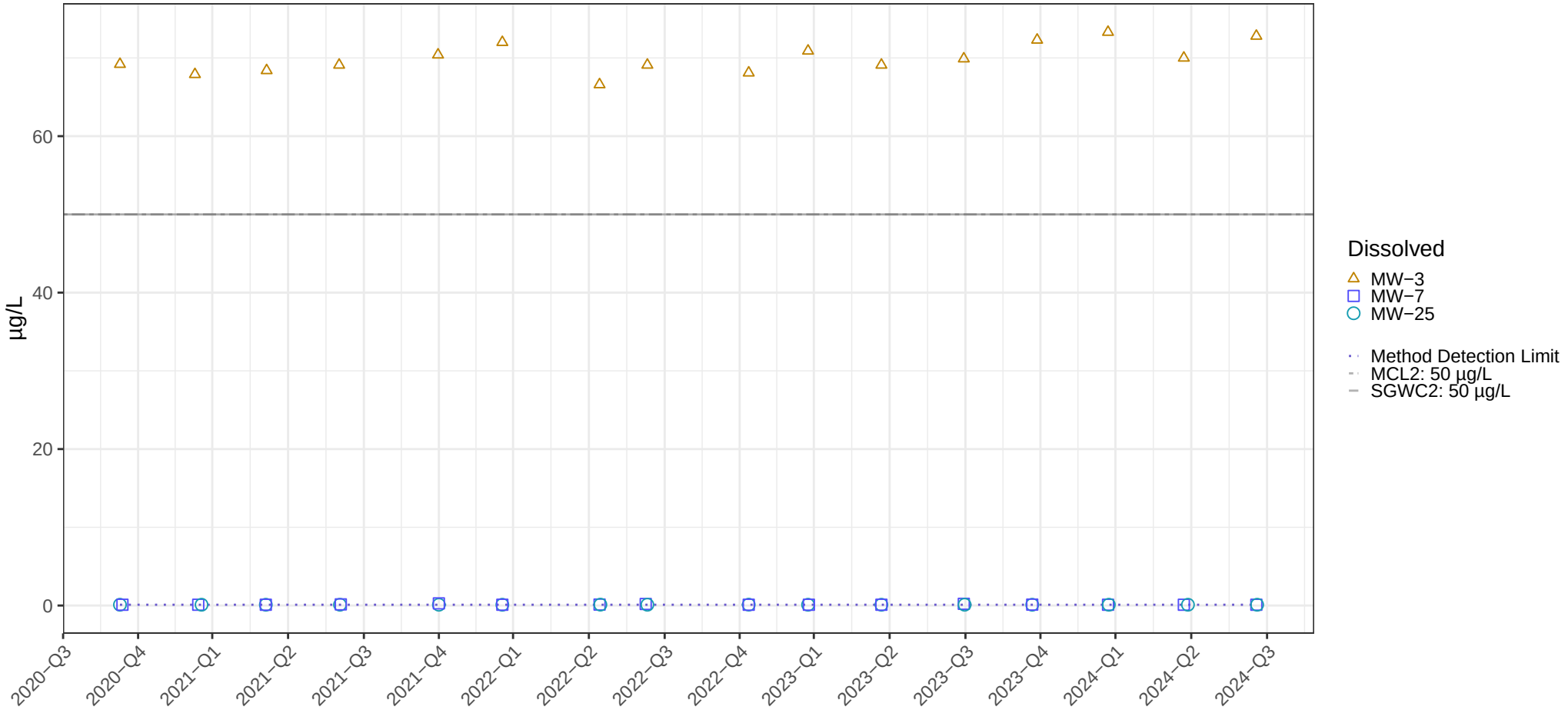


Figure B−73B
Deep Aquifer
Manganese



SGWC2: Washington State Secondary Groundwater Quality Criteria
MCL2: National Secondary Drinking Water Regulation Maximum Contaminant Level

Figure B−74B
Deep Aquifer
Potassium

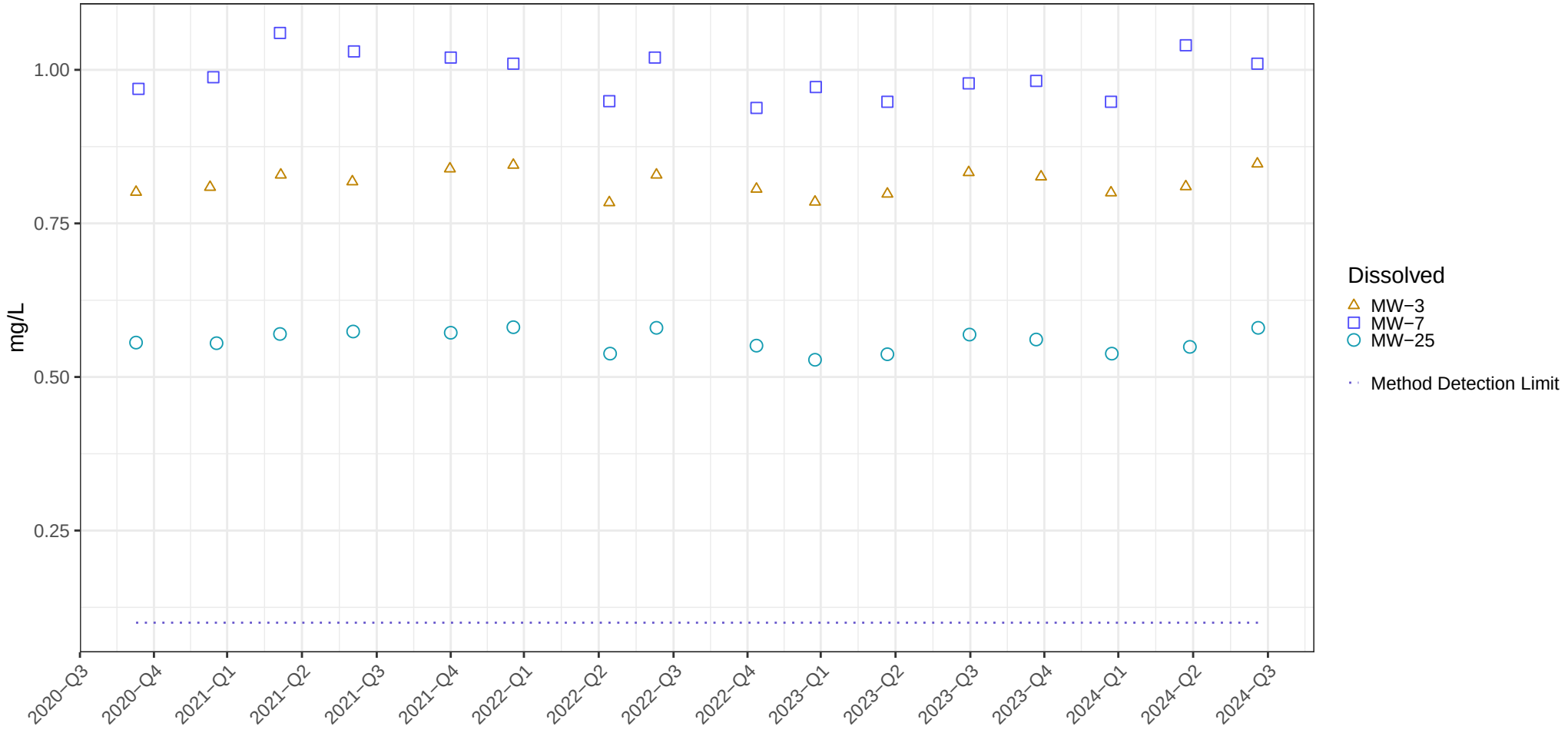
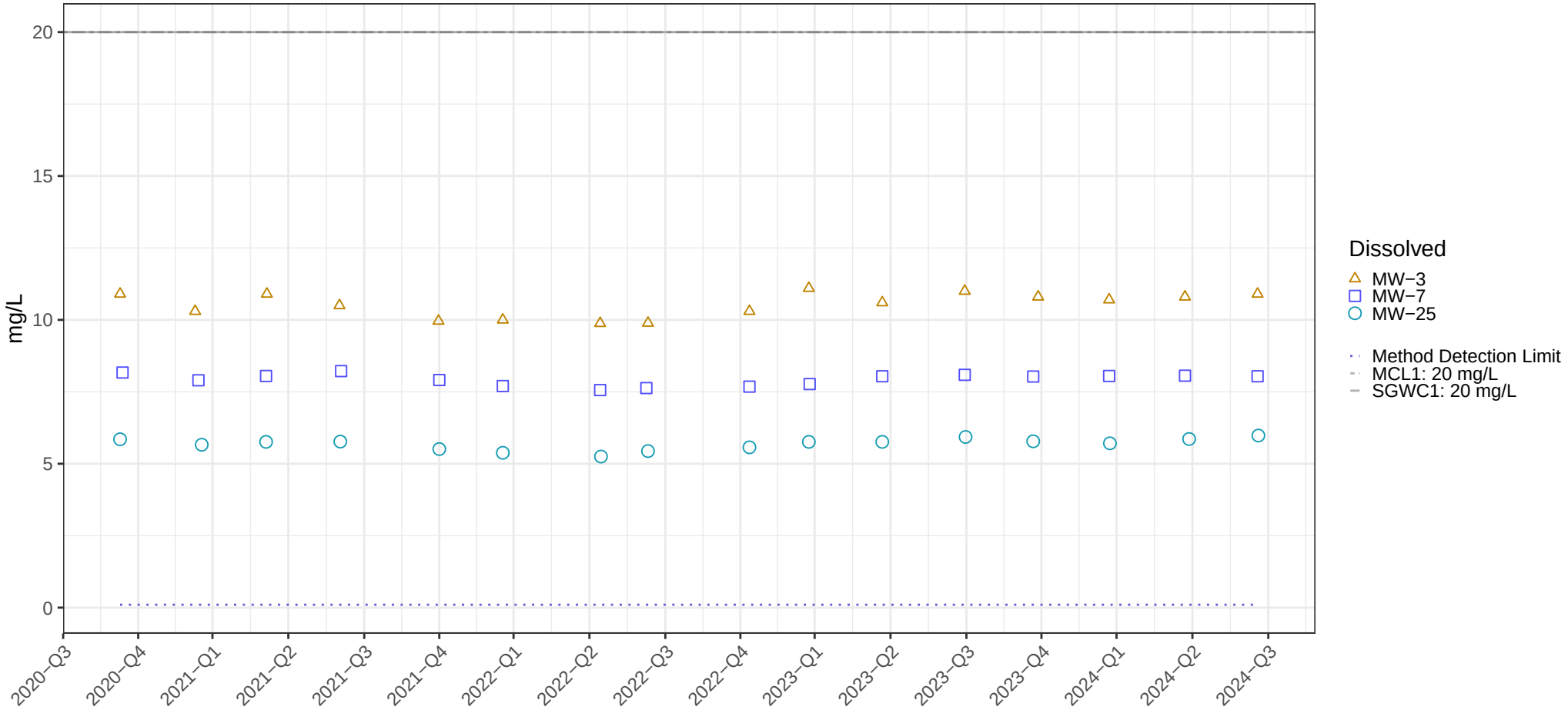
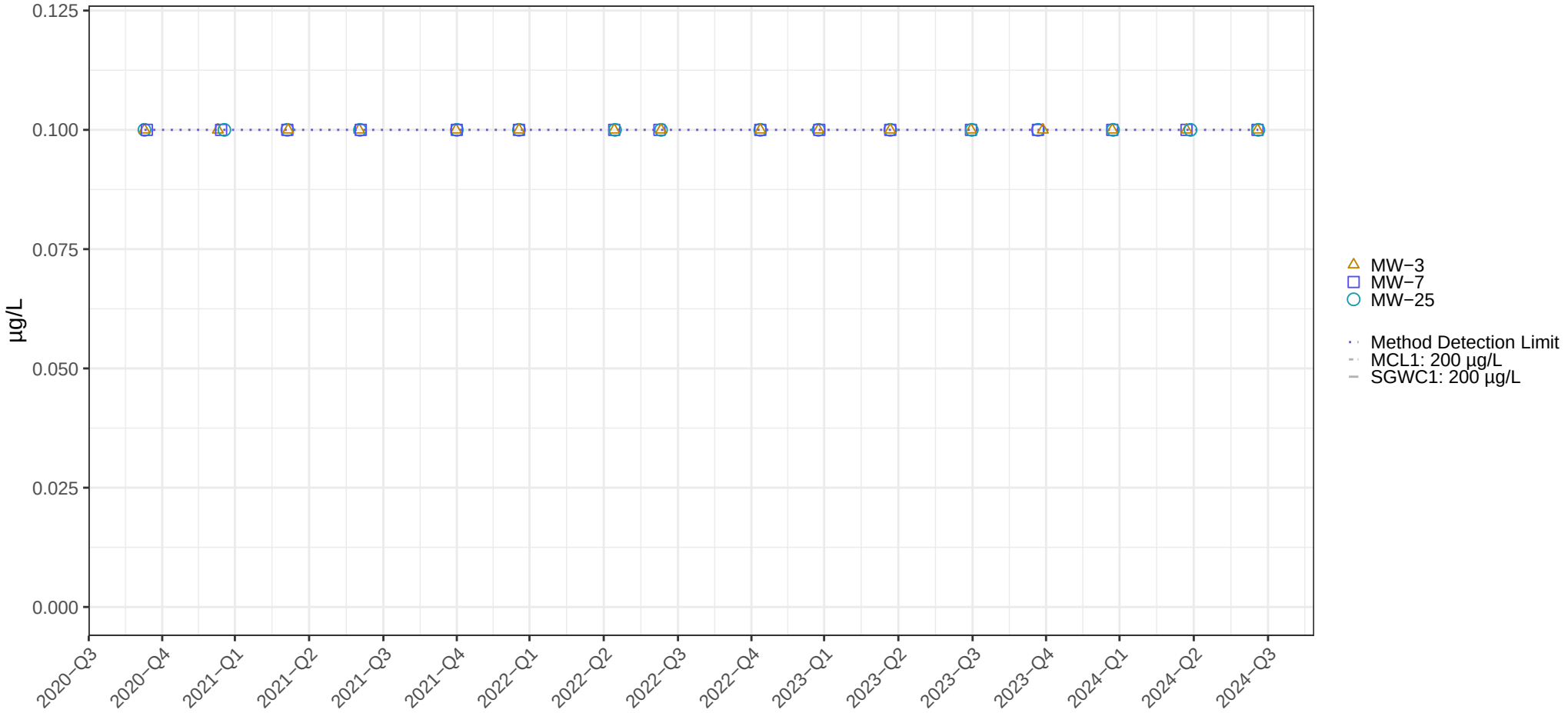


Figure B−75B
Deep Aquifer
Sodium



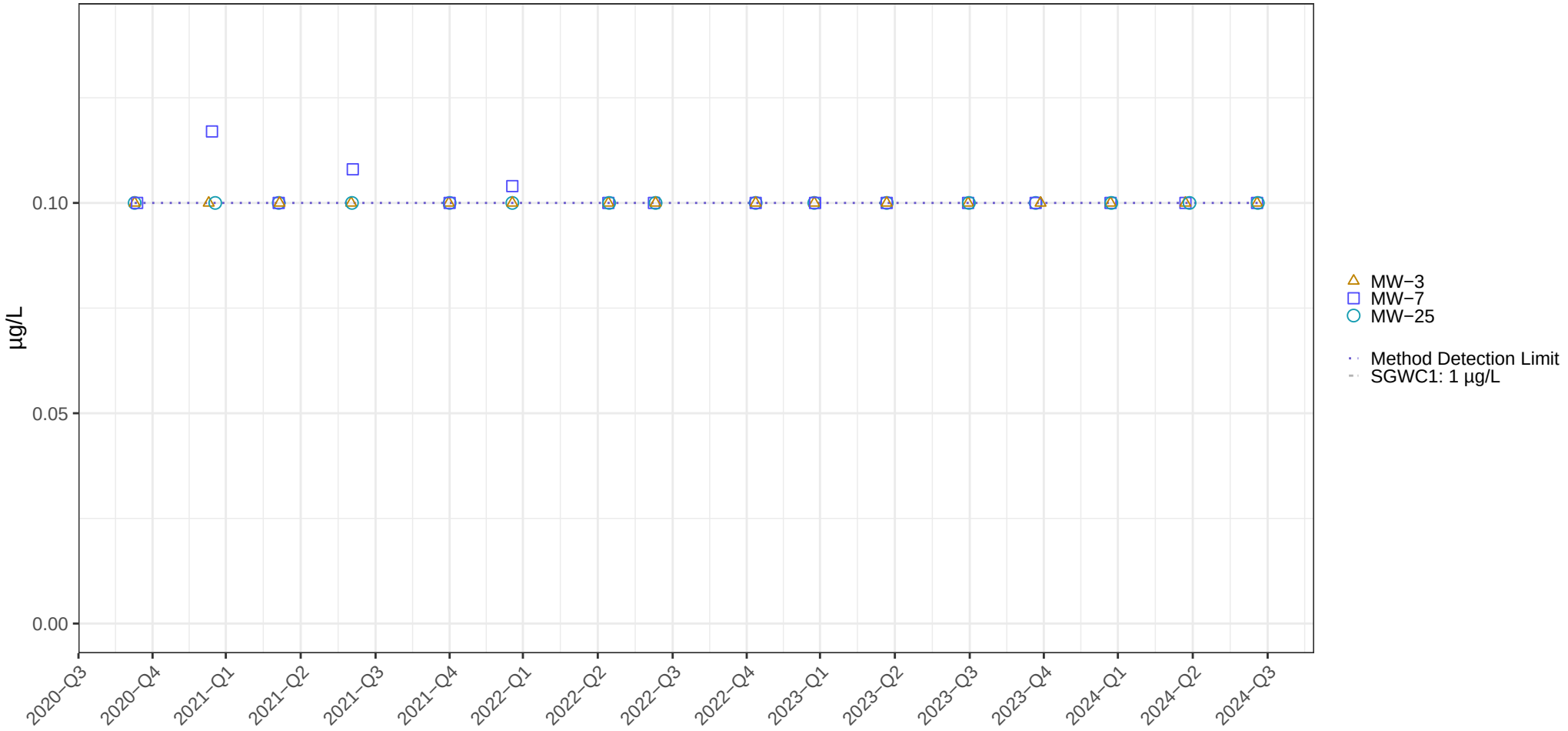
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−76B
Deep Aquifer
1,1,1−Trichloroethane



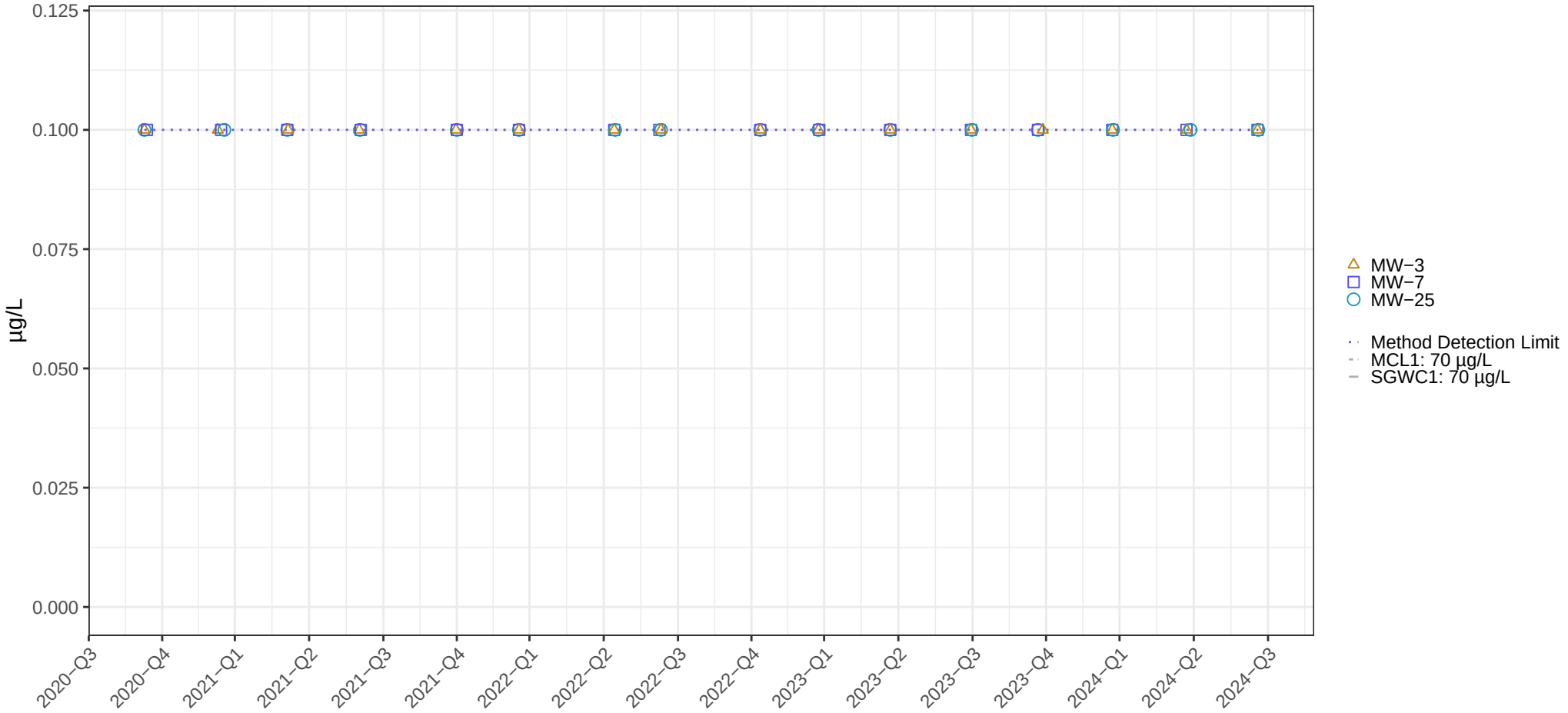
SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−77B
Deep Aquifer
1,1−Dichloroethane



SGWC1: Washington State Primary Groundwater Quality Criteria

Figure B−78B
Deep Aquifer
Cis−1,2−Dichloroethene



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

Figure B−79B
Deep Aquifer
Dichlorodifluoromethane

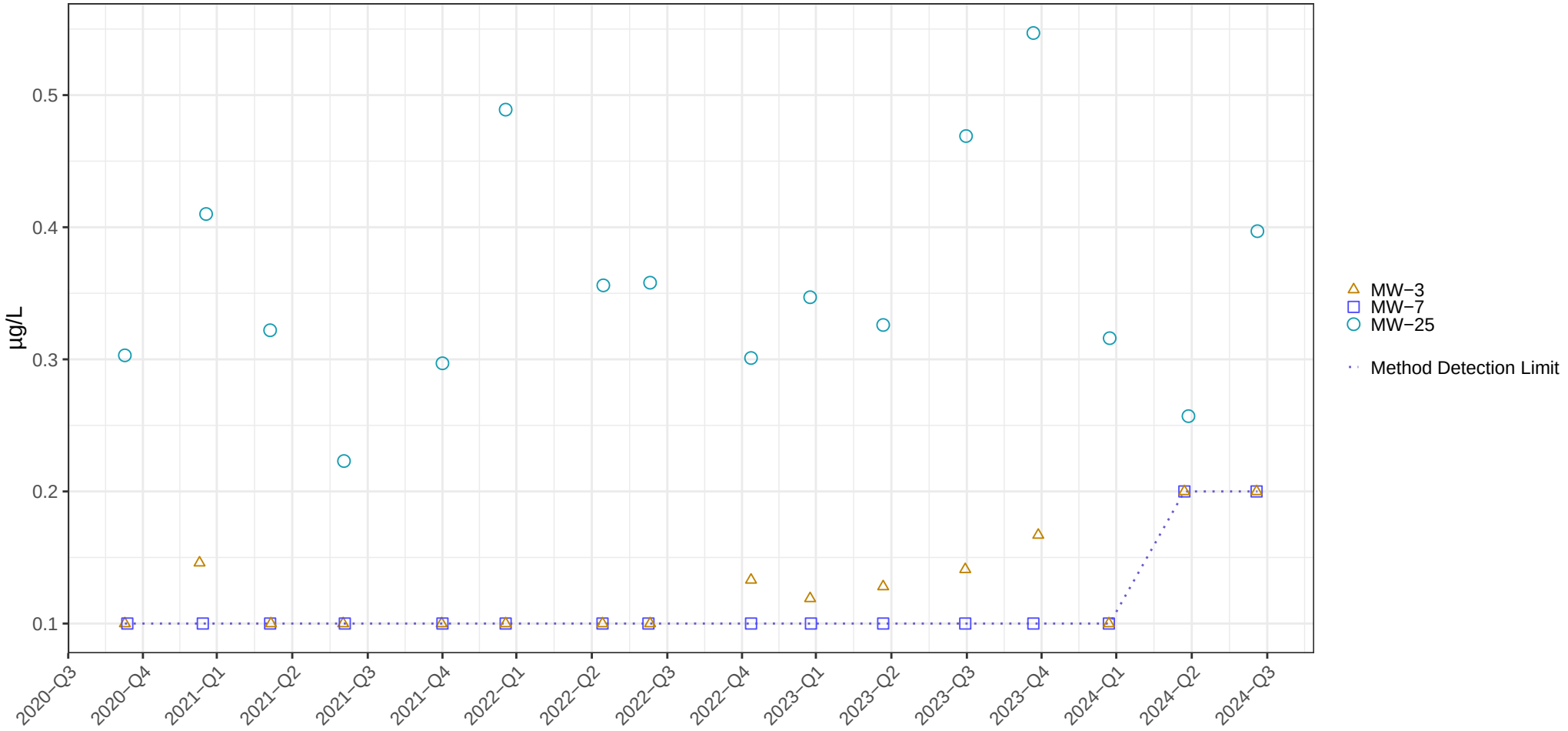
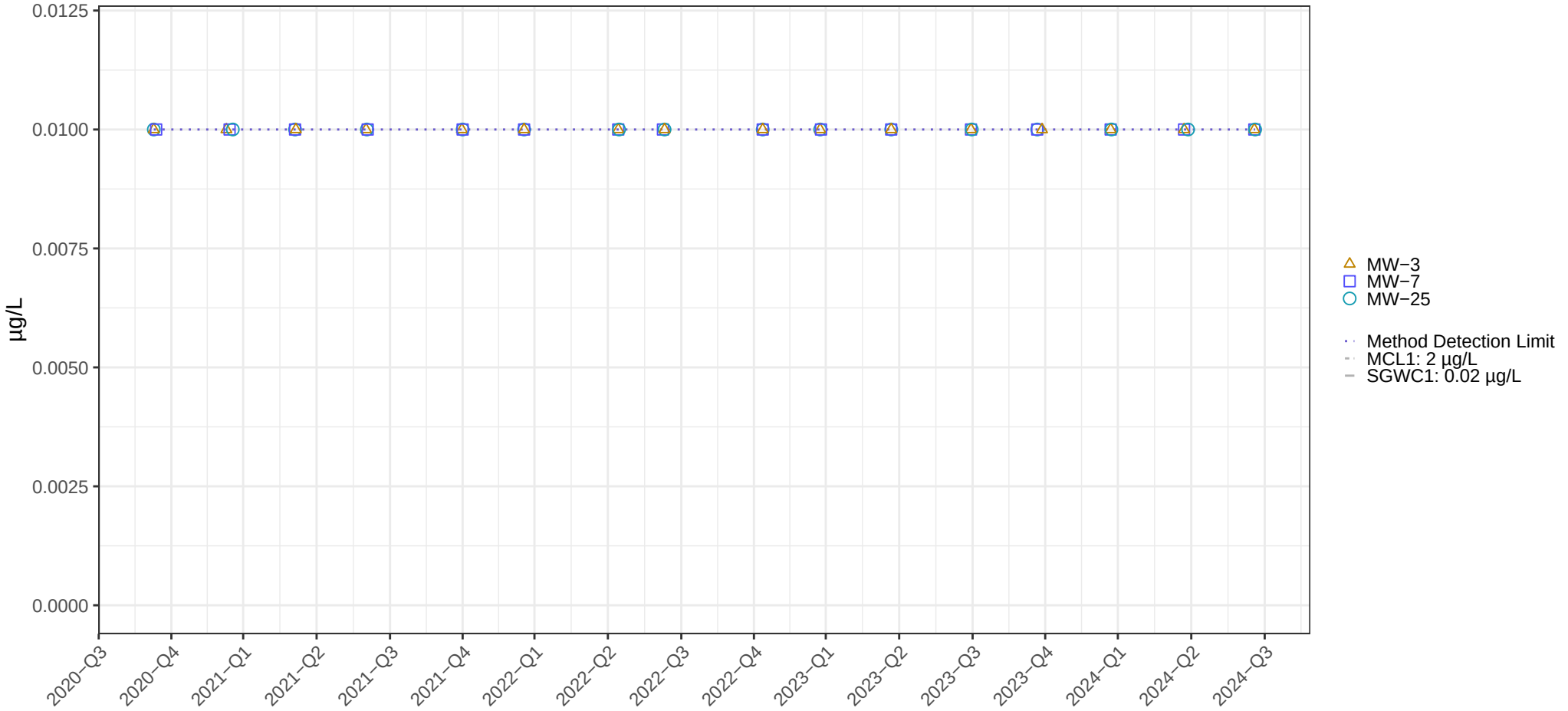


Figure B−80B
Deep Aquifer
Vinyl Chloride



SGWC1: Washington State Primary Groundwater Quality Criteria
MCL1: National Primary Drinking Water Regulation Maximum Contaminant Level

APPENDIX C

Potentiometric Surface Maps
And
Groundwater Flow Calculations

King County
Water and Land Resources Division
Department of Natural Resources and Parks
King Street Center
201 South Jackson Street, Suite 5600
Seattle, WA 98104-3855
206-477-4800 Fax 206-296-0192
TTY Relay: 711

TECHNICAL MEMORANDUM

February 27, 2025

TO: Marisa Baptiste, Engineer III, Facility Engineering and Science Section, Solid Waste Division, Department of Natural Resources and Parks (DNRP)

VIA: Eric Ferguson, Water Quality Planner - Hydrogeologist, Science and Technical Support Section, Water and Land Resources Division, DNRP

FM: Adrienne M. Scott, Engineer III – Lead Geologist, Facility Engineering and Science Section, Solid Waste Division, DNRP

RE: Potentiometric Groundwater Surface Maps & Groundwater Velocity Calculations
Water Year 2023-2024 Results
Hobart Closed Landfill, King County, Washington
Project No. 1033596 – Task 23.14.137.44

The King County Water and Land Resources Division (WLRD) submits this memorandum report on groundwater conditions during the 2023-2024 water year for the Shallow Aquifer and Deep Aquifer beneath the Hobart Landfill (Landfill). King County Solid Waste Division (SWD) personnel measured depth to water levels at the Landfill quarterly during the October 2023 – September 2024 reporting year. These measurements were used to:

1. Evaluate the potentiometric groundwater surface for the Shallow Aquifer and the Deep Aquifer;

2. Determine the groundwater flow direction and horizontal gradients for both aquifers;

3. Calculate the groundwater flow velocities for both aquifers; and

4. Calculate the horizontal gradient across the slurry wall for four sets of paired wells.

There have been no significant changes in the interpreted groundwater conditions since the previous annual report (fourth quarter 2022 – third quarter 2023) was submitted.

Groundwater Elevation Data

The SWD measures water levels quarterly at eleven Shallow Aquifer wells and three Deep Aquifer wells throughout the reporting year. The groundwater monitoring wells are installed in native soils outside of the waste unit.

Hobart Landfill has a soil-bentonite slurry wall keyed into a low permeability aquitard that underlies the waste unit (Aspect Consulting LLC and Anchor QEA, 2019). The slurry wall abuts the refuse and acts as a barrier between the refuse area and the adjacent Shallow Aquifer. There are three leachate extraction wells and seven leachate piezometers installed in refuse. SWD measures fluid levels quarterly within the area enclosed by the slurry wall. Leachate piezometer LP-7 has consistently been denoted as dry since installation.

Table C-1 lists the groundwater monitoring well identifications, locations, top of well casing, measured depth to groundwater levels, and calculated groundwater elevations for monitoring wells screened in the Shallow Aquifer and Deep Aquifer. Analogous information for the leachate extraction wells and leachate piezometers is also presented in Table C-1.

Shallow Aquifer and Inside Slurry Wall

Shallow Aquifer groundwater elevations are monitored quarterly at wells MW-1, MW-4, MW-6, MW-10, MW-11, MW-16, MW-18, MW-21, MW-22, MW-26 and MW-27. Fluid elevations within the refuse inside of the slurry wall barrier are monitored quarterly at LEW-1, LEW-4, LEW-5, LP-1, LP-3, LP-5, LP-6, LP-7, LP-8, and LPI-1. Groundwater and leachate elevations are consistent with previous years.

Figures C-1, C-2, C-3, and C-4 show the groundwater elevations in blue at the groundwater monitoring wells, and leachate elevations in gray for wells located within the area enclosed by the slurry wall. The figures also show groundwater movement arrows and the potentiometric surface contours for groundwater within the Shallow Aquifer.

During the reporting year, Shallow Aquifer groundwater elevations outside of the slurry wall barrier were consistently higher than fluid measurements at the leachate extraction wells and leachate piezometers enclosed by the slurry wall (Table C-1). The magnitude of hydraulic separation between the water levels inside of the slurry wall enclosure, and water levels outside of the slurry wall are similar to values calculated in previous reporting years.

Deep Aquifer

Deep Aquifer groundwater elevations are monitored quarterly at wells MW-3, MW-7, and MW-25. Groundwater elevations are consistent with previous years.

Figures C-5, C-6, C-7, and C-8 show the calculated groundwater elevations for each well and quarter throughout the year.

Direction of Groundwater Flow

Potentiometric surface maps represent the modeled groundwater surface at depth. The potentiometric maps are generated by interpolating data between calculated groundwater elevations at the monitored wells. Each potentiometric contour represents a line of equal hydraulic head where the groundwater elevation remains constant. Groundwater is expected to flow, or move, perpendicular to the potentiometric contour.

Shallow Aquifer

Figures C-1, C-2, C-3, and C-4 show groundwater flow directions, where possible, for the Shallow Aquifer for the current reporting year. The Shallow Aquifer groundwater surface and flow directions were determined from data collected in the Shallow Aquifer outside of the slurry wall. Calculated groundwater elevations and groundwater potentiometric surface contours indicate that groundwater in the Shallow Aquifer generally flows towards the west around the slurry wall, but due to the shallow gradient during the third quarter, groundwater movement was northward along the western side of the site. Due to shallow groundwater gradients and seasonally lower water levels, limited potentiometric surface contours and flow arrows are shown on Figures C-1 (fourth quarter 2023) and C-4 (third quarter 2024).

Deep Aquifer

Figures C-5, C-6, C-7, and C-8 show groundwater flow directions for the Deep Aquifer for the current reporting year. Calculated groundwater elevations and interpreted groundwater potentiometric surface contours indicate that groundwater in the deep aquifer generally flows west-southwest.

Groundwater Parameters

Table C-2 presents a summary of the groundwater parameters for the shallow and deep aquifers. The hydraulic conductivity and effective porosity values are based on the data referred to in *Phase 1 –Groundwater Flow Model Construction and Calibration Report: Hobart Closed Landfill* (Aspect, 2020).

The geometric mean of horizontal hydraulic conductivity was reported to be 1427 feet per day (ft/d) in the Shallow Aquifer, and 2.35 ft/d in the Deep Aquifer (Aspect, 2020). The porosity was reported as 30 percent in both aquifers based on values estimated from values reported for similar hydrogeologic units (Aspect, 2020).

Average horizontal groundwater velocities calculated for the Shallow Aquifer and Deep Aquifer are based on spatial differences in aquifer parameters, hydraulic gradients, and calculations using the following formula:

where: $$v = \frac{1}{n_{eff}} K \frac{\Delta H}{\Delta L}$$

v = Groundwater velocity [L/t]

n_{eff} = Effective porosity [dimensionless]

K = Hydraulic conductivity [L/t]

$\frac{\Delta H}{\Delta L}$ = Hydraulic gradient [L/L]

The horizontal groundwater velocities calculated for the Shallow Aquifer ranged from 1.7 ft/day to 13.1 ft/day, generally in a westward direction around the slurry wall and a north-northeast component north of the landfill. A northward flow direction along the downgradient side of the landfill was present during the third quarter of 2024. Horizontal groundwater velocities calculated for the Deep aquifer ranged from 0.22 ft/day to 0.24 ft/day in a west-southwest direction. The magnitude and direction of groundwater flow for the shallow and deep aquifers are consistent with the range of groundwater velocities and flow directions historically reported.

The geometric mean for horizontal hydraulic gradients for the Shallow Aquifer and Deep Aquifers are listed in Table C-2. The horizontal gradients within each aquifer are consistent with historic results. Due to the depressed water levels in the Shallow Aquifer during the fourth quarter of 2023, the second quarter of 2024, and third quarter of 2024 the horizontal hydraulic gradients during those quarters were relatively shallow.

Gradients Across Slurry Wall

Gradients across the slurry wall are monitored by four sets of paired wells, each set of paired wells has one well screened in the Shallow Aquifer and one well screened within refuse inside of the slurry wall enclosure (Table C-3). The locations of these paired wells are shown in Figures C-1, C-2, C-3, and C-4 with symbols similar to geologic cross-section lines. For example, the northern paired well set (MW-27 and LP-3) is symbolized as N-N' and also identified in Table C-3 with this notation for consistency. For each paired well, the nomenclature is the same, where the first letter of the symbol is located at the well outside of the slurry wall in the Shallow Aquifer, and for the second, at the well within the area enclosed by the slurry wall.

The hydraulic gradient across the eastern side of the slurry wall was consistently the highest each quarter; upgradient paired wells MW-16 and LP-8 (E-E') had a maximum gradient of 0.075 ft/ft during the first quarter of 2024, and the highest average gradient

(0.056 ft/ft) among all paired wells during the reporting period. The western side of the slurry wall had the lowest gradients during the fourth quarter of 2023, as well as the first and second quarter of 2024; downgradient paired wells MW-4 and LP-1 (W-W') had the lowest average gradient (0.024 ft/ft) among all paired wells during the reporting period. The lowest gradient for all quarters and paired wells occurred during third quarter of 2024 at the north side of the slurry wall with a gradient of 0.011 ft/ft at paired wells MW-27 and LP-3 (N-N').

Overall, average gradients across the slurry wall range from 0.024 to 0.056 ft/ft for all paired wells during the 2023-2024 reporting year. These results indicate that an inward gradient is maintained across the slurry wall, which is consistent with historic results.

References

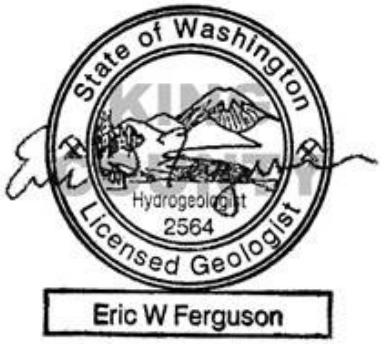
Aspect Consulting LLC and Anchor QEA. 2019. *Hydrogeologic and Geochemical Conceptual Model Update.* Prepared for King County Solid Waste Division. December 04.

Aspect Consulting LLC. 2020. *Phase 1 –Groundwater Flow Model Construction and Calibration Report: Hobart Closed Landfill.* Prepared for King County Solid Waste Division. May 19.

King County Water and Land Resources Division (WLRD). 2023. Scope of Work for Services to King County Solid Waste Division – Facility Engineering and Science Section. March.

Thank you for the opportunity to provide hydrogeologic services to SWD. If you have any questions, please feel free to contact me at 206-477-4690 or eric.ferguson@kingcounty.gov.

Sincerely,



Eric W. Ferguson, WA LHG
Water Quality Planner - Hydrogeologist
King County Water and Land Resources Division

Enclosures:

Table C-1: Well Details and Groundwater Elevations – 2023-2024 Reporting Year

Table C-2: Groundwater Parameters – 2023-2024 Reporting Year

Table C-3: Shallow Aquifer Gradients across the Slurry Wall – 2023-2024 Reporting Year

Figure C-1: Groundwater Potentiometric Surface Map – Fourth Quarter 2023 – Shallow Aquifer

Figure C-2: Groundwater Potentiometric Surface Map – First Quarter 2024 – Shallow Aquifer

Figure C-3: Groundwater Potentiometric Surface Map – Second Quarter 2024 – Shallow Aquifer

Figure C-4: Groundwater Potentiometric Surface Map – Third Quarter 2024 – Shallow Aquifer

Figure C-5: Groundwater Potentiometric Surface Map – Fourth Quarter 2023 – Deep Aquifer

Figure C-6: Groundwater Potentiometric Surface Map – First Quarter 2024 – Deep Aquifer

Figure C-7: Groundwater Potentiometric Surface Map – Second Quarter 2024 – Deep Aquifer

Figure C-8: Groundwater Potentiometric Surface Map – Third Quarter 2024 – Deep Aquifer

Table C-1: Well Details and Groundwater Elevations – Reporting Year 2023-2024

Hobart Landfill

King County, Washington

					4th Quarter 2023		1st Quarter 2024		2nd Quarter 2024		3rd Quarter 2024	
					November 17, 2023		February 16, 2024		May 23, 2024**		August 16, 2024	
	Well Identification	Easting [1] (ft)	Northing [1] (ft)	Top of Casing Elevation [2] (ft MSL)	Measured Depth to Water [3] (ft)	Groundwater Elevations [2] (ft MSL)	Measured Depth to Water [3] (ft)	Groundwater Elevations [2] (ft MSL)	Measured Depth to Water [3] (ft)	Groundwater Elevations [2] (ft MSL)	Measured Depth to Water [3] (ft)	Groundwater Elevations [2] (ft MSL)
Shallow Aquifer	MW-1	1357281.47	143138.40	638.79	12.26	626.53	10.30	628.49	12.57	626.22	13.83	624.96
	MW-4	1356822.36	144192.78	647.85	21.42	626.43	19.59	628.26	22.43	625.42	23.71	624.14
	MW-6	1357809.35	143163.90	634.99	8.54	626.45	4.51	630.48	8.15	626.84	9.79	625.20
	MW-10	1356821.01	143148.15	635.96	9.69	626.27	8.25	627.71	10.22	625.74	11.50	624.46
	MW-11	1357712.59	144963.76	655.04	28.26	626.78	24.10	630.94	29.39	625.65	31.58	623.46
	MW-16	1358031.98	143826.35	638.51	9.60	628.91	3.15	635.36	8.08	630.43	9.74	628.77
	MW-18	1356639.28	143485.65	642.35	16.22	626.13	14.97	627.38	16.96	625.39	17.85	624.50
	MW-21	1356651.43	143632.03	648.80	22.60	626.20	21.20	627.60	23.37	625.43	24.38	624.42
	MW-22	1356805.91	142964.15	642.16	15.88	626.28	14.39	627.77	16.30	625.86	17.40	624.76
	MW-26	1356958.77	144499.88	650.00	23.45	626.55	20.94	629.06	24.54	625.46	25.96	624.04
	MW-27	1357615.69	144704.14	650.36	20.40	629.96	17.36	633.00	21.46	628.90	27.51	622.85
Inside Slurry Wall	LEW-1	1357307.06	144050.79	671.01	52.62	618.39	50.71	620.30	50.34	620.67	51.48	619.53
	LEW-4	1357519.69	143530.27	680.52	OBSTRUCTED		59.10	621.42	BROKEN	BROKEN	BROKEN	BROKEN
	LEW-5	1357199.59	143518.47	687.04	67.81	619.23	65.65	621.39	BROKEN	BROKEN	66.82	620.22
	LP-1	1357041.51	144131.66	666.27	47.08	619.19	44.96	621.31	44.91	621.36	46.05	620.22
	LP-3	1357582.66	144460.37	666.22	47.51	618.71	45.74	620.48	45.14	621.08	46.15	620.07
	LP-5	1357294.95	143295.00	658.95	39.70	619.25	37.57	621.38	37.55	621.40	38.71	620.24
	LP-6	1357010.23	143591.44	675.56	56.20	619.36	54.03	621.53	54.06	621.50	55.22	620.34
	LP-7*	1357049.60	144458.74	654.53	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	LP-8	1357845.73	143811.72	655.30	36.80	618.50	34.01	621.29	33.96	621.34	35.06	620.24
	LPI-1	1357367.74	143590.69	689.56	70.81	618.75	68.65	620.91	67.35	622.21	69.34	620.22
Deep Aquifer	MW-3	1356826.73	144183.24	647.58	146.68	500.90	140.98	506.60	141.93	505.65	144.04	503.54
	MW-7	1357287.77	143122.34	637.43	126.21	511.22	121.72	515.71	122.70	514.73	124.91	512.52
	MW-25	1357897.43	144773.11	656.18	116.77	539.41	114.82	541.36	114.55	541.63	116.17	540.01

Notes:

1. Easting and northing coordinates are based on Washington State Plane Coordinate System. North Zone (NAD 83/11).
2. Elevations reported in feet (ft) above mean sea level (MSL) based on the North American Vertical Datum of 1988 (NAVD 88).
3. Water level measurements made by SWD personnel.

DRY Well indicated as dry

BROKEN Damaged well. Cannot access water level.

OBSTRUCTED Not measured due to objects blocking well.

* LP-7 confirmed dry using video camera inspection (May 6, 2021).

** MW-18 was dry during static water level measurements on 5/23/24. Water level measured again on 5/28/24.

Table C-2: Groundwater Parameters – Reporting Year 2023-2024

Hobart Landfill

King County, Washington

Groundwater Zone Adjacent to or Beneath Landfill	Monitoring Event	Horizontal Hydraulic Conductivity[1] (*K*) (ft/d)	Horizontal Hydraulic Gradient[2] (DH/DL) (ft/ft)	Effective Porosity[1] (n_{eff})	Horizontal Groundwater Velocity (*v*) (ft/d)	General Groundwater Flow Direction
Shallow Aquifer	11/17/2023	1427	0.0003	30%	1.7	West, around slurry wall
	2/16/2024		0.0028		13.1	West, around slurry wall
	5/23/2024		0.0006		2.8	West, around slurry wall
	8/16/2024		0.0006		2.8	North, around slurry wall
Deep Aquifer	11/17/2023	2.35	0.0310	30%	0.24	West-southwest
	2/16/2024		0.0280		0.22	West-southwest
	5/23/2024		0.0290		0.23	West-southwest
	8/16/2024		0.0290		0.23	West-southwest

Notes

1. Shallow aquifer parameters (horizontal hydraulic conductivity geometric means and porosity values) are from ***Phase 1 – Groundwater Flow Model Construction and Calibration Report: Hobart Closed Landfill*** (Aspect, 2020).
2. Horizontal hydraulic gradients based on average of gradients measured at several points, where possible, from maps shown Figures C-1 through C-8.

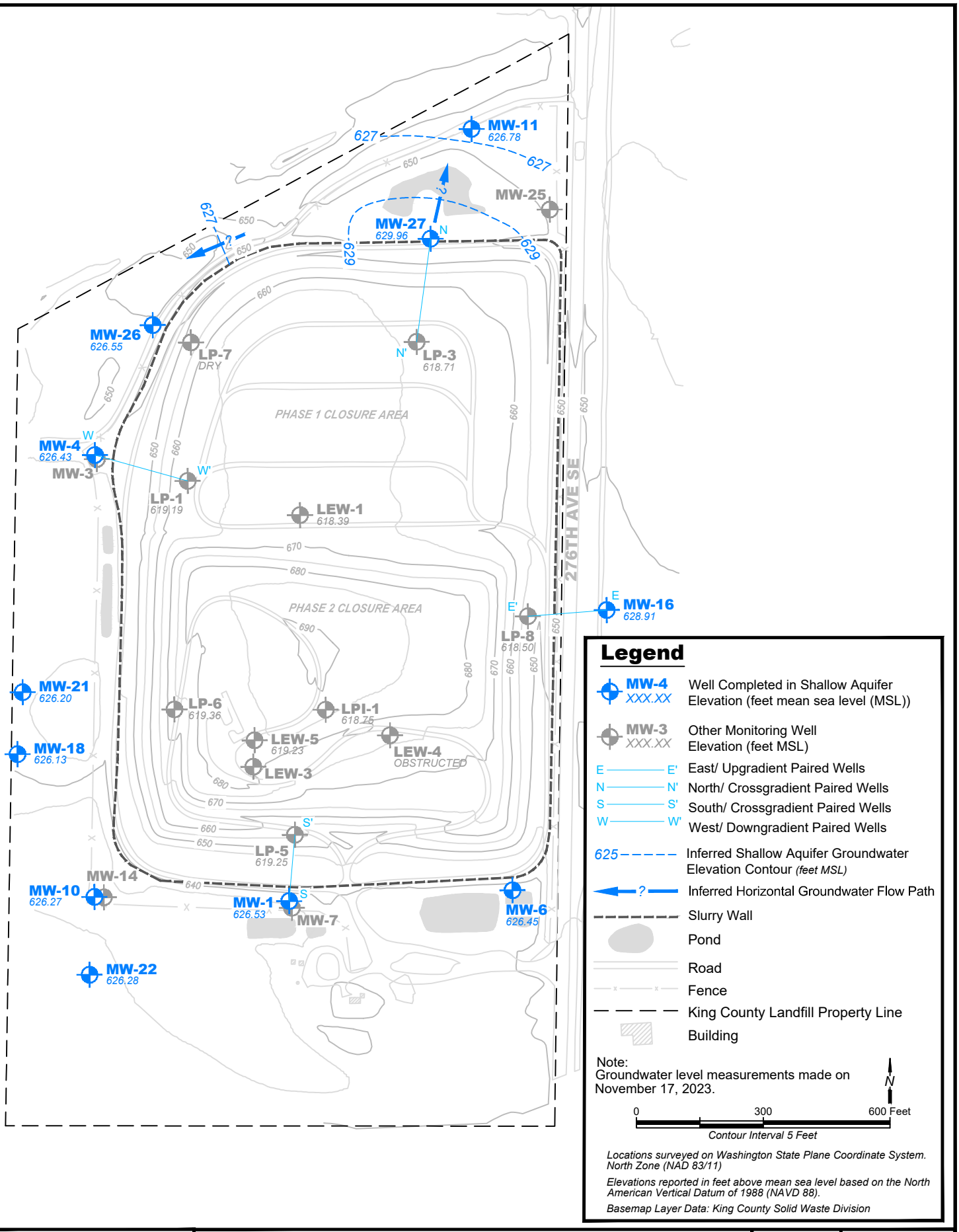
Table C-3: Gradients across the Slurry Wall – Reporting Year 2023-2024
Hobart Landfill
King County, Washington

Shallow Aquifer Well Identification	Groundwater Elevations [1] (ft MSL)	Inside Slurry Wall Well Identification	Groundwater Elevations [1] (ft MSL)	Hydraulic Gradient (ΔH/ΔL) across slurry wall (from outside wells to inside wells)		
				Quarterly Measurements[2]	(ft/ft)	Average for Water Year 2023-2024 (ft/ft)
MW-16	628.91	LP-8	618.50	4th 2023	0.056	0.056
	635.36		621.29	1st 2024	0.075	
	630.43		621.34	2nd 2024	0.049	
	628.77		620.24	3rd 2024	0.046	
MW-27	629.96	LP-3	618.71	4th 2023	0.046	0.035
	633.00		620.48	1st 2024	0.051	
	628.90		621.08	2nd 2024	0.032	
	622.85		620.07	3rd 2024	0.011	
MW-1	626.53	LP-5	619.25	4th 2023	0.046	0.038
	628.49		621.38	1st 2024	0.045	
	626.22		621.40	2nd 2024	0.031	
	624.96		620.24	3rd 2024	0.030	
MW-4	626.43	LP-1	619.19	4th 2023	0.032	0.024
	628.26		621.31	1st 2024	0.031	
	625.42		621.36	2nd 2024	0.018	
	624.14		620.22	3rd 2024	0.017	

Notes:

1. Elevations reported in feet (ft) above mean sea level (MSL) based on the North American Vertical Datum of 1988.
2. Dates of measurements

Quarter	Date
4th 2023	11/17/2023
1st 2024	2/16/2024
2nd 2024	5/23/2024
3rd 2024	8/16/2024



King County

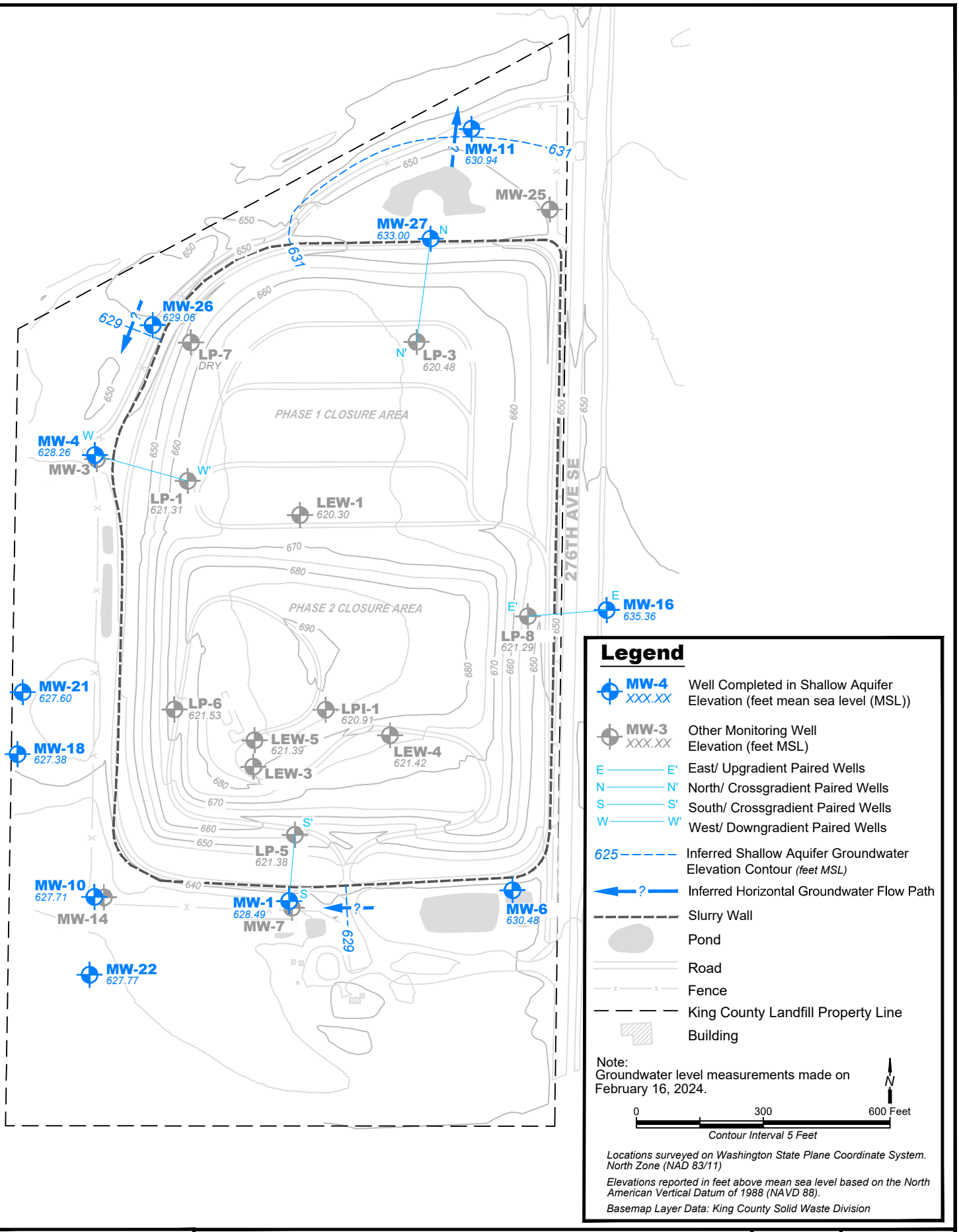
Groundwater Potentiometric Surface Map
Fourth Quarter 2023 - Shallow Aquifer

Hobart Closed Landfill

King County, Washington

DATE: February 2025	PROJECT NO. 1033596
DESIGNED BY: KCL	
DRAWN BY: KK	FIGURE NO. C-1
REVISED BY: EWF	

Hobart_4Q23_Shallow.dwg



Legend

- MW-4 XXX.XX — Well Completed in Shallow Aquifer Elevation (feet mean sea level (MSL))
- MW-3 XXX.XX — Other Monitoring Well Elevation (feet MSL)
- E — E' East/ Upgradient Paired Wells
- N — N' North/ Crossgradient Paired Wells
- S — S' South/ Crossgradient Paired Wells
- W — W' West/ Downgradient Paired Wells
- 625 — Inferred Shallow Aquifer Groundwater Elevation Contour *(feet MSL)*
- ? — Inferred Horizontal Groundwater Flow Path
- Slurry Wall
- Pond
- Road
- Fence
- King County Landfill Property Line
- Building

Note:
Groundwater level measurements made on February 16, 2024.

N

0 300 600 Feet

Contour Interval 5 Feet

Locations surveyed on Washington State Plane Coordinate System. North Zone (NAD 83/11)

Elevations reported in feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD 88).

Basemap Layer Data: King County Solid Waste Division

King County

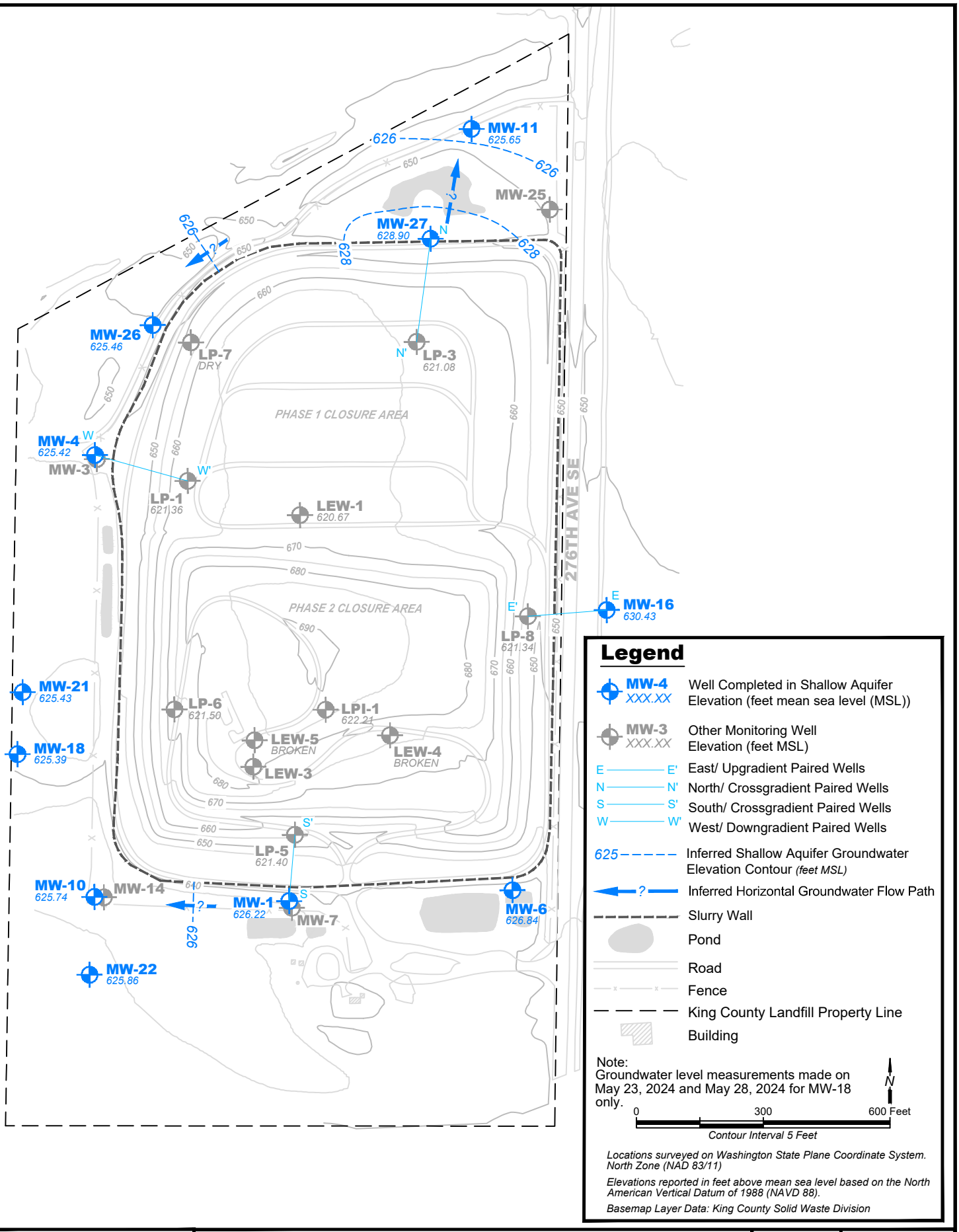
Groundwater Potentiometric Surface Map
First Quarter 2024 - Shallow Aquifer

Hobart Closed Landfill

King County, Washington

DATE: February 2025	PROJECT NO. 1033596
DESIGNED BY: KCL	
DRAWN BY: KK	FIGURE NO. C-2
REVISED BY: EWF	

Hobart_1Q24_Shallow.dwg



Legend

- MW-4 XXX.XX — Well Completed in Shallow Aquifer Elevation (feet mean sea level (MSL))
- MW-3 XXX.XX — Other Monitoring Well Elevation (feet MSL)
- E — E' East/ Upgradient Paired Wells
- N — N' North/ Crossgradient Paired Wells
- S — S' South/ Crossgradient Paired Wells
- W — W' West/ Downgradient Paired Wells
- 625 — Inferred Shallow Aquifer Groundwater Elevation Contour *(feet MSL)*
- ? — Inferred Horizontal Groundwater Flow Path
- Slurry Wall
- Pond
- Road
- Fence
- King County Landfill Property Line
- Building

Note:
Groundwater level measurements made on May 23, 2024 and May 28, 2024 for MW-18 only.

N

0 300 600 Feet

Contour Interval 5 Feet

Locations surveyed on Washington State Plane Coordinate System. North Zone (NAD 83/11)

Elevations reported in feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD 88).

Basemap Layer Data: King County Solid Waste Division

King County

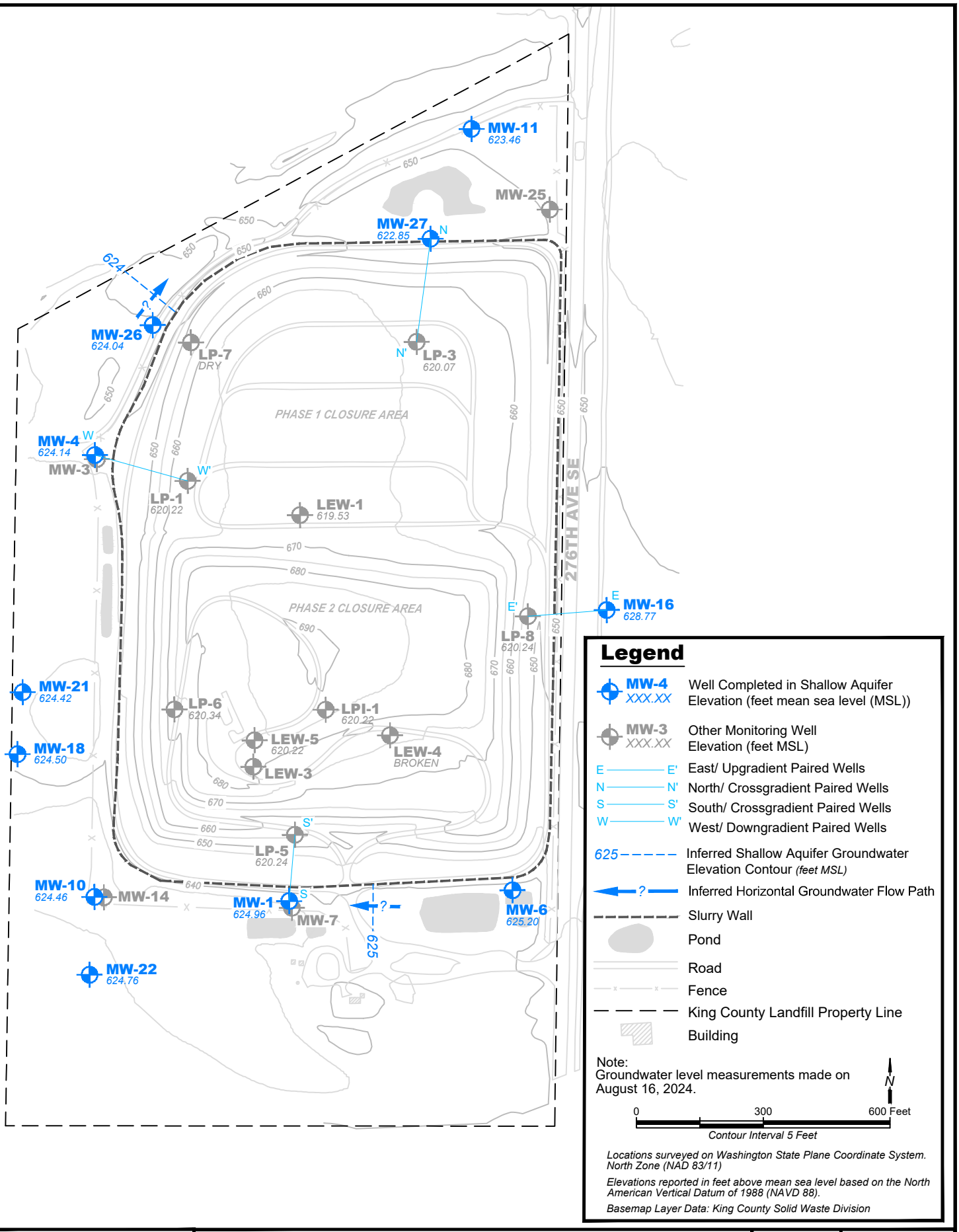
Groundwater Potentiometric Surface Map
Second Quarter 2024 - Shallow Aquifer

Hobart Closed Landfill

King County, Washington

DATE: February 2025	PROJECT NO. 1033596
DESIGNED BY: KCL	
DRAWN BY: KK	FIGURE NO. C-3
REVISED BY: EWF	

Hobart_2Q24_Shallow.dwg



King County

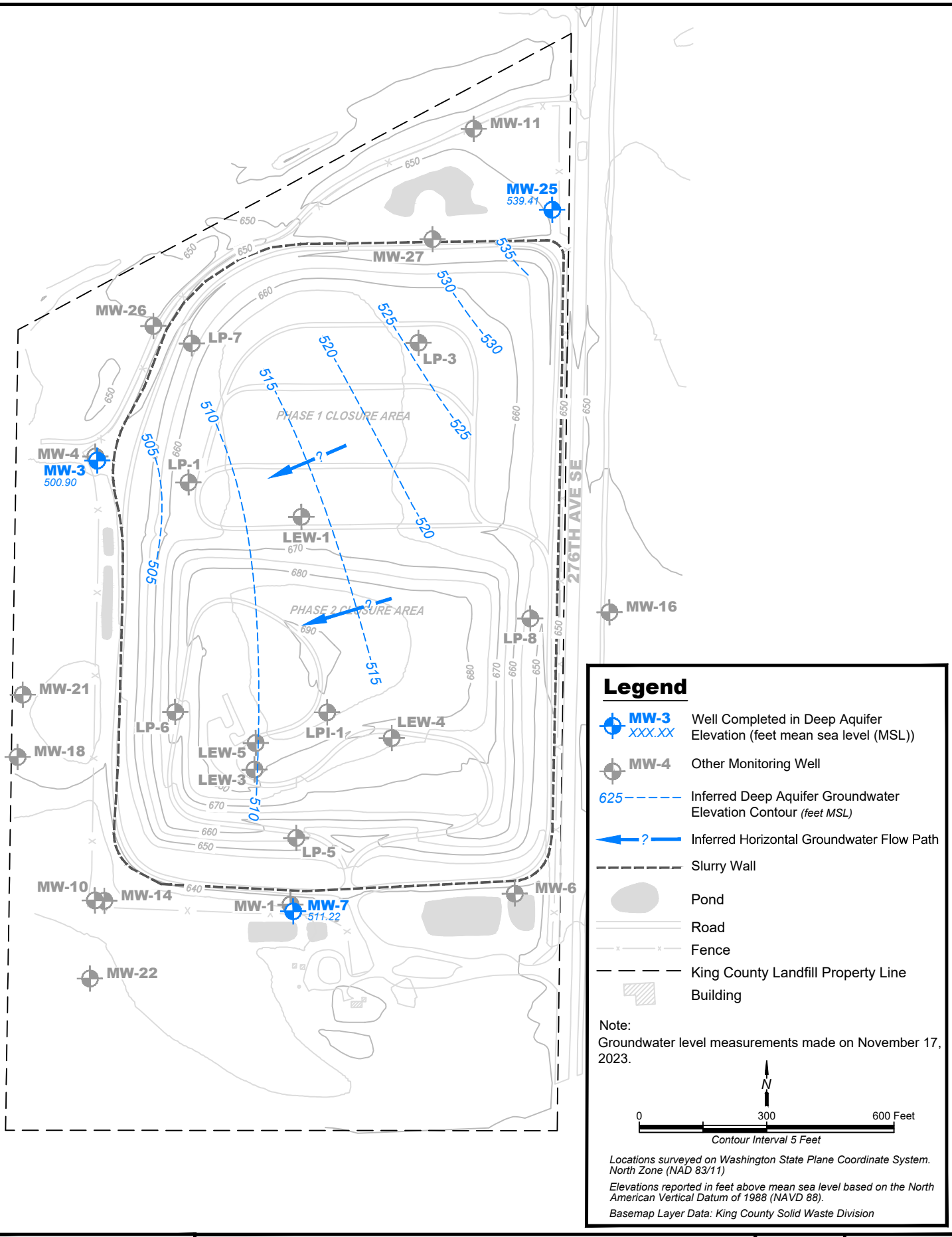
Groundwater Potentiometric Surface Map
Third Quarter 2024 - Shallow Aquifer

Hobart Closed Landfill

King County, Washington

DATE: February 2025	PROJECT NO. 1033596
DESIGNED BY: KCL	
DRAWN BY: KK	FIGURE NO. C-4
REVISED BY: EWF	

Hobart_3Q24_Shallow.dwg



Legend

- MW-3 XXX.XX — Well Completed in Deep Aquifer Elevation (feet mean sea level (MSL))
- MW-4 — Other Monitoring Well
- 625 — Inferred Deep Aquifer Groundwater Elevation Contour *(feet MSL)*
- ? — Inferred Horizontal Groundwater Flow Path
- Slurry Wall
- Pond
- Road
- Fence
- King County Landfill Property Line
- Building

Note:
Groundwater level measurements made on November 17, 2023.

N

0 300 600 Feet

Contour Interval 5 Feet

Locations surveyed on Washington State Plane Coordinate System. North Zone (NAD 83/11)

Elevations reported in feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD 88).

Basemap Layer Data: King County Solid Waste Division

King County

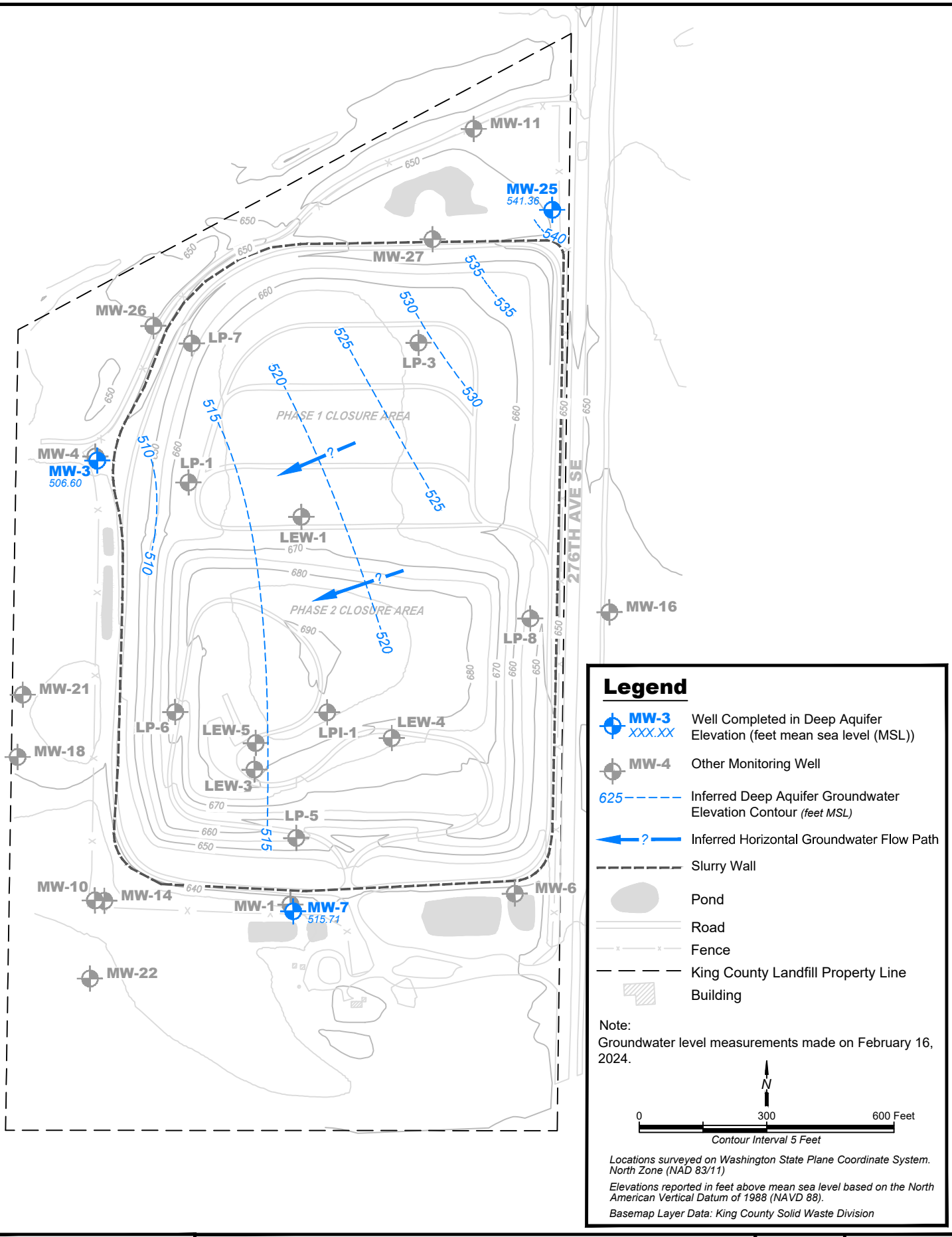
Groundwater Potentiometric Surface Map
Fourth Quarter 2023 - Deep Aquifer

Hobart Closed Landfill

King County, Washington

DATE: February 2025	PROJECT NO. 1033596
DESIGNED BY: KCL	
DRAWN BY: KK	FIGURE NO. C-5
REVISED BY: EWF	

Hobart_4Q23_Deep.dwg



Legend

- MW-3 XXX.XX — Well Completed in Deep Aquifer Elevation (feet mean sea level (MSL))
- MW-4 — Other Monitoring Well
- 625 — Inferred Deep Aquifer Groundwater Elevation Contour *(feet MSL)*
- ? — Inferred Horizontal Groundwater Flow Path
- Slurry Wall
- Pond
- Road
- Fence
- King County Landfill Property Line
- Building

Note:
Groundwater level measurements made on February 16, 2024.

N

0 300 600 Feet

Contour Interval 5 Feet

Locations surveyed on Washington State Plane Coordinate System. North Zone (NAD 83/11)

Elevations reported in feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD 88).

Basemap Layer Data: King County Solid Waste Division

King County

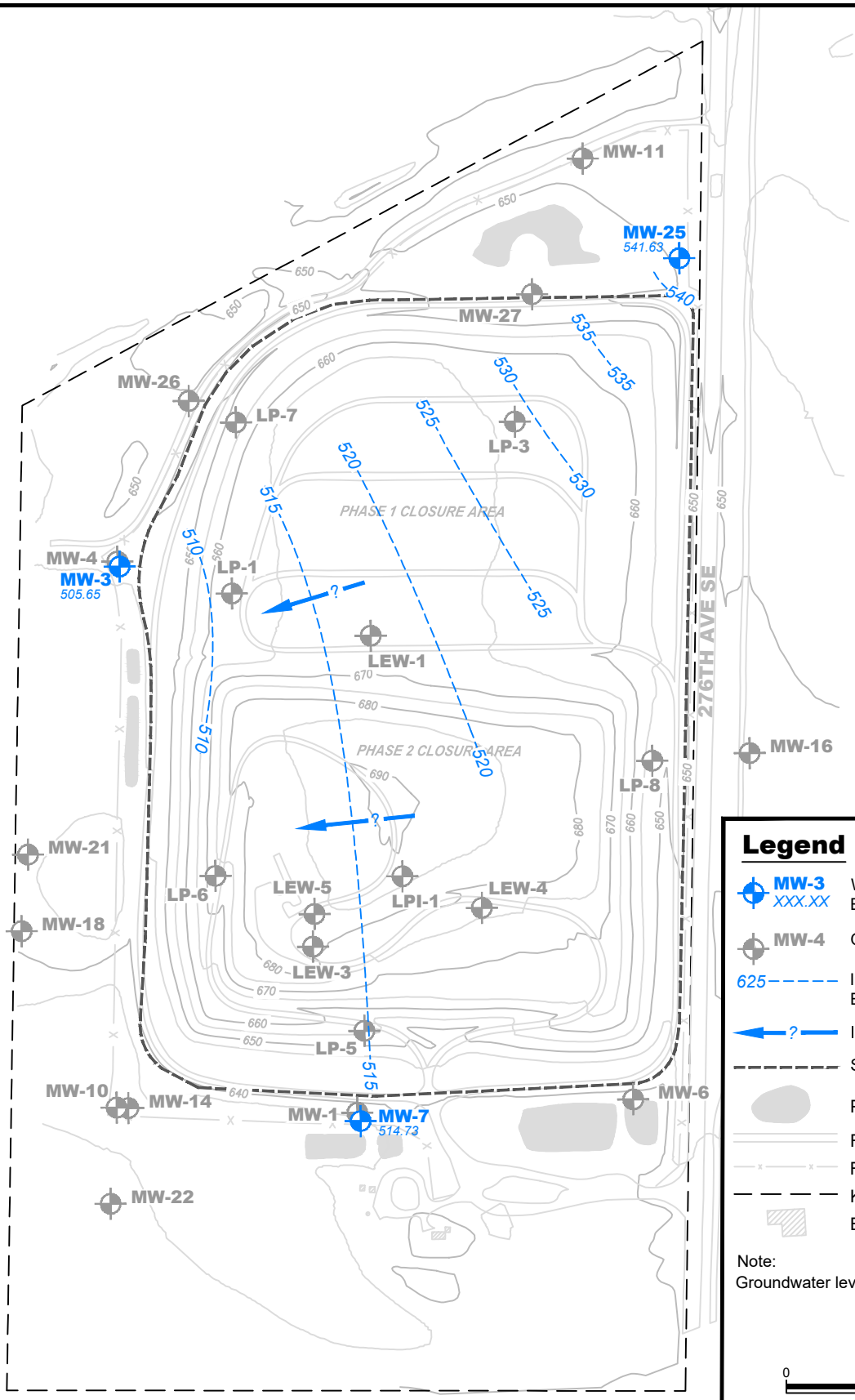
Groundwater Potentiometric Surface Map
First Quarter 2024 - Deep Aquifer

Hobart Closed Landfill

King County, Washington

DATE: February 2025	PROJECT NO. 1033596
DESIGNED BY: KCL	
DRAWN BY: KK	FIGURE NO. C-6
REVISED BY: EWF	

Hobart_1Q24_Deep.dwg



Legend

- MW-3 XXX.XX — Well Completed in Deep Aquifer Elevation (feet mean sea level (MSL))
- MW-4 — Other Monitoring Well
- 625 — Inferred Deep Aquifer Groundwater Elevation Contour *(feet MSL)*
- ? — Inferred Horizontal Groundwater Flow Path
- Slurry Wall
- Pond
- Road
- Fence
- King County Landfill Property Line
- Building

Note:
Groundwater level measurements made on May 23, 2024.

N

0 300 600 Feet

Contour Interval 5 Feet

Locations surveyed on Washington State Plane Coordinate System. North Zone (NAD 83/11)

Elevations reported in feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD 88).

Basemap Layer Data: King County Solid Waste Division

King County

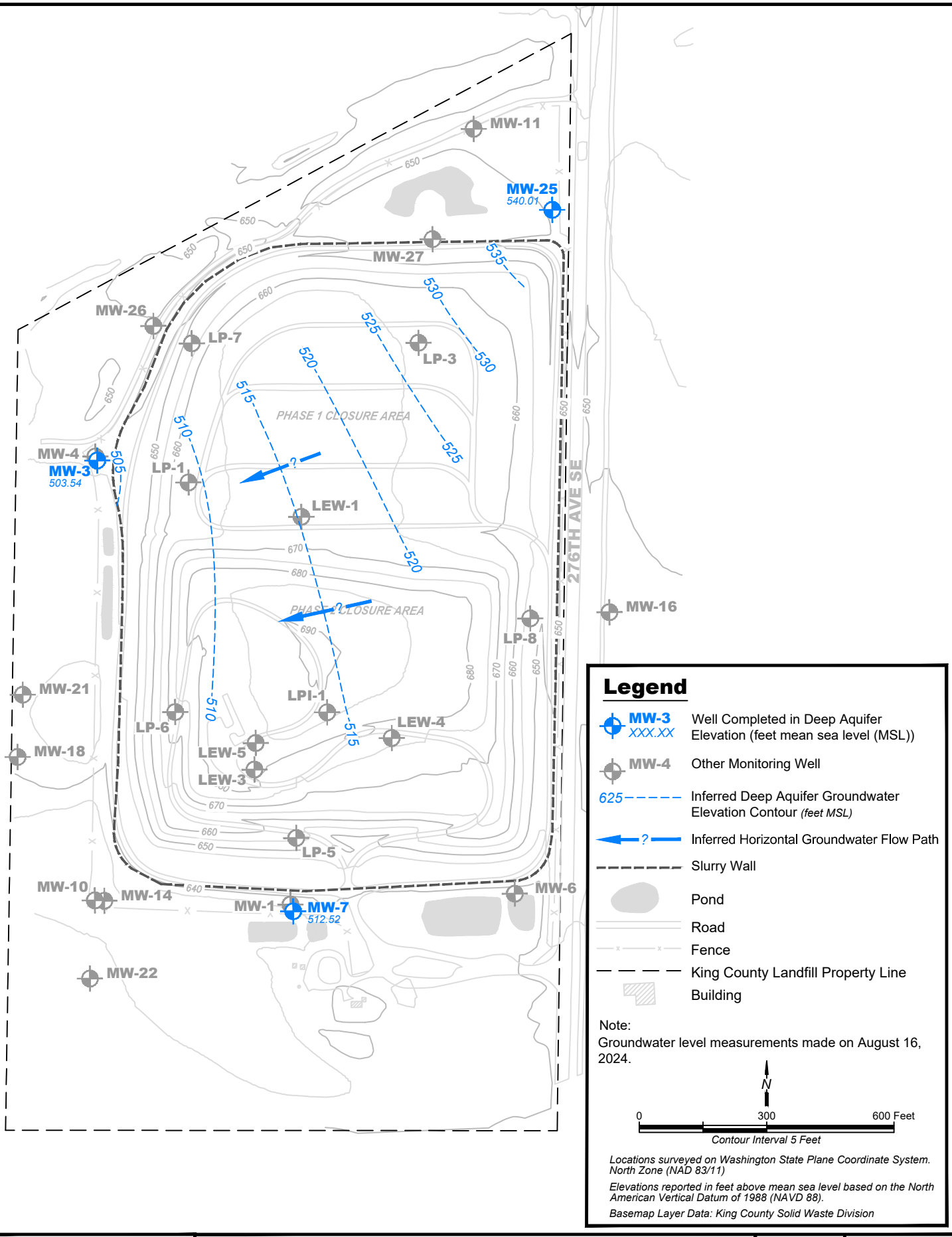
Groundwater Potentiometric Surface Map
Second Quarter 2024 - Deep Aquifer

Hobart Closed Landfill

King County, Washington

DATE: February 2025	PROJECT NO. 1033596
DESIGNED BY: KCL	
DRAWN BY: KK	FIGURE NO. C-7
REVISED BY: EWF	

Hobart_2Q24_Deep.dwg



Legend

- MW-3 XXX.XX — Well Completed in Deep Aquifer Elevation (feet mean sea level (MSL))
- MW-4 — Other Monitoring Well
- 625 — Inferred Deep Aquifer Groundwater Elevation Contour *(feet MSL)*
- ? — Inferred Horizontal Groundwater Flow Path
- Slurry Wall
- Pond
- Road
- Fence
- King County Landfill Property Line
- Building

Note:
Groundwater level measurements made on August 16, 2024.

N

0 300 600 Feet

Contour Interval 5 Feet

Locations surveyed on Washington State Plane Coordinate System. North Zone (NAD 83/11)

Elevations reported in feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD 88).

Basemap Layer Data: King County Solid Waste Division

King County

Groundwater Potentiometric Surface Map
Third Quarter 2024 - Deep Aquifer

Hobart Closed Landfill

King County, Washington

DATE: February 2025	PROJECT NO. 1033596
DESIGNED BY: KCL	
DRAWN BY: KK	FIGURE NO. C-8
REVISED BY: EWF	

Hobart_3Q24_Deep.dwg

APPENDIX D

Ion Balances
and
Trilinear Diagrams

Figure D-1. Shallow Aquifer Trilinear Diagram
Fourth Quarter 2023
October 01, 2023 - December 31, 2023

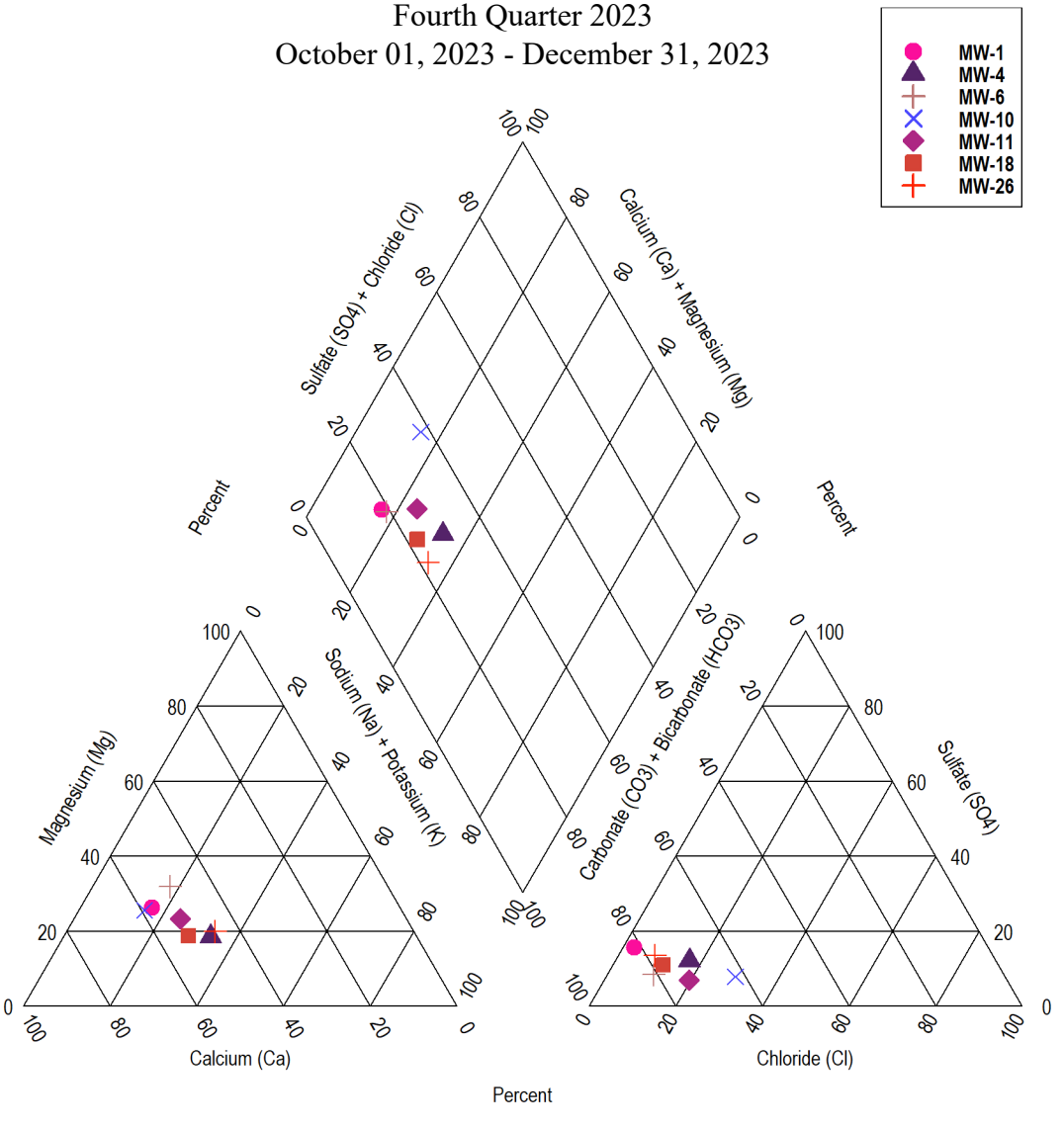


Table D-1
Shallow Aquifer: Ion Balance Summary for Groundwater
October 01, 2023 - December 31, 2023

			Well	**MW-1**			**MW-4**			**MW-6**		
			Sample Date	11/21/2023			11/27/2023			11/28/2023		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			5.80			5.76			6.36		
Conductance	--			63.00			45.10			103		
TDS	--			44.70			37.00			78.00		
Calcium	40.08	2		7.42	0.3703	57.22	4.14	0.2066	47.51	10.90	0.5439	50.26
Magnesium	24.31	2		2.07	0.1703	26.32	0.9840	0.0810	18.62	4.20	0.3456	31.94
Potassium	39.10	1		1.22	0.0312	4.82	0.6950	0.0178	4.09	0.6960	0.0178	1.65
Sodium	22.99	1		1.72	0.0748	11.56	2.97	0.1292	29.71	4.01	0.1744	16.12
Iron	55.85	2		0.0050	0.0002	0.0277	0.0050	0.0002	0.0412	0.0050	0.0002	0.0165
Manganese	54.94	2		0.0053	0.0002	0.0296	0.0003	0.0000	0.0023	0.0003	0.0000	0.0010
Ammonia-N	14.01	1		0.0010	0.0001	0.0110	0.0010	0.0001	0.0164	0.0022	0.0002	0.0145
	Total Cations (meq/L)				**0.65**			**0.43**			**1.08**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			22.90			13.20			42.80		
Carbonate	60.00	2		0.0009	0.0000	0.0047	0.0005	0.0000	0.0035	0.0059	0.0002	0.0184
Bicarbonate	61.01	1		27.94	0.4579	73.67	16.10	0.2639	60.77	52.20	0.8556	80.15
Chloride	35.45	1		0.5110	0.0144	2.32	2.26	0.0638	14.68	4.04	0.1140	10.68
Nitrate-N	14.01	1		0.8500	0.0607	9.76	0.8520	0.0608	14.00	0.1180	0.0084	0.7891
Sulfate	96.06	2		4.25	0.0885	14.24	2.20	0.0458	10.55	4.29	0.0893	8.37
	Total Anions (meq/L)				**0.62**			**0.43**			**1.07**	
	Total Ions (meq/L)				**1.27**			**0.87**			**2.15**	
	Cation/Anion Ratio				**1.04**			**1.00**			**1.01**	
	Percent Difference				**2.02**			**0.05**			**0.68**	

Table D-1
Shallow Aquifer: Ion Balance Summary for Groundwater
October 01, 2023 - December 31, 2023

			Well	**MW-10**			**MW-11**			**MW-18**		
			Sample Date	11/21/2023			11/21/2023			11/21/2023		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			6.17			5.80			5.80		
Conductance	--			87.10			76.00			50.00		
TDS	--			61.00			52.00			39.00		
Calcium	40.08	2		8.77	0.4376	48.84	8.27	0.4127	52.11	5.45	0.2720	52.57
Magnesium	24.31	2		2.30	0.1893	21.12	2.25	0.1852	23.38	1.18	0.0971	18.77
Potassium	39.10	1		1.11	0.0284	3.17	0.5020	0.0128	1.62	0.6660	0.0170	3.29
Sodium	22.99	1		1.91	0.0831	9.27	4.16	0.1810	22.85	3.01	0.1309	25.31
Iron	55.85	2		3.70	0.1325	14.79	0.0050	0.0002	0.0226	0.0050	0.0002	0.0346
Manganese	54.94	2		0.4080	0.0149	1.66	0.0002	0.0000	0.0011	0.0004	0.0000	0.0030
Ammonia-N	14.01	1		0.1450	0.0104	1.16	0.0010	0.0001	0.0090	0.0010	0.0001	0.0138
	Total Cations (meq/L)				**0.90**			**0.79**			**0.52**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			25.50			26.40			19.10		
Carbonate	60.00	2		0.0023	0.0001	0.0092	0.0010	0.0000	0.0045	0.0007	0.0000	0.0048
Bicarbonate	61.01	1		31.11	0.5098	62.19	32.21	0.5279	70.64	23.30	0.3819	76.36
Chloride	35.45	1		8.66	0.2443	29.80	5.01	0.1413	18.91	2.04	0.0575	11.51
Nitrate-N	14.01	1		0.0050	0.0004	0.0435	0.3850	0.0275	3.68	0.0886	0.0063	1.26
Sulfate	96.06	2		3.13	0.0652	7.95	2.43	0.0506	6.77	2.61	0.0543	10.87
	Total Anions (meq/L)				**0.82**			**0.75**			**0.50**	
	Total Ions (meq/L)				**1.72**			**1.54**			**1.02**	
	Cation/Anion Ratio				**1.09**			**1.06**			**1.03**	
	Percent Difference				**4.45**			**2.90**			**1.69**	

Table D-1
Shallow Aquifer: Ion Balance Summary for Groundwater
October 01, 2023 - December 31, 2023

			Well	**MW-26**		
			Sample Date	11/27/2023		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)
pH	--			5.81		
Conductance	--			43.10		
TDS	--			37.00		
Calcium	40.08	2		3.97	0.1981	45.81
Magnesium	24.31	2		1.05	0.0864	19.98
Potassium	39.10	1		0.4840	0.0124	2.86
Sodium	22.99	1		3.11	0.1353	31.28
Iron	55.85	2		0.0050	0.0002	0.0414
Manganese	54.94	2		0.0013	0.0000	0.0111
Ammonia-N	14.01	1		0.0010	0.0001	0.0165
	Total Cations (meq/L)				**0.43**	
Anion Parameters	Molecular Weight (g/mol)	n				
Alkalinity, Total	--			13.80		
Carbonate	60.00	2		0.0005	0.0000	0.0042
Bicarbonate	61.01	1		16.83	0.2759	65.64
Chloride	35.45	1		1.06	0.0299	7.11
Nitrate-N	14.01	1		0.9300	0.0664	15.80
Sulfate	96.06	2		2.31	0.0481	11.44
	Total Anions (meq/L)				**0.42**	
	Total Ions (meq/L)				**0.85**	
	Cation/Anion Ratio				**1.03**	
	Percent Difference				**1.42**	

Figure D-2. Shallow Aquifer Trilinear Diagram
First Quarter 2024
January 01, 2024 - March 31, 2024

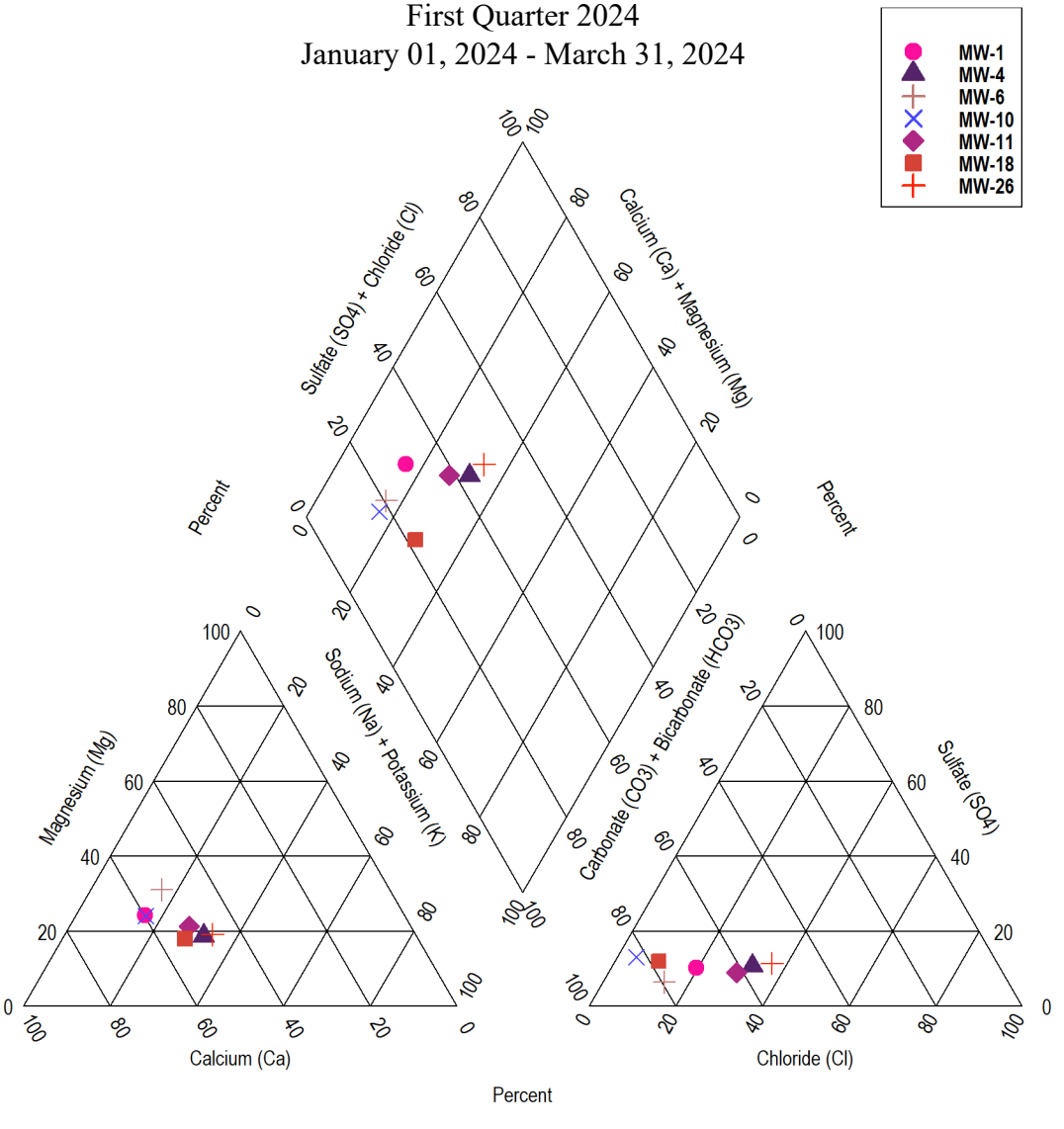


Table D-2
Shallow Aquifer: Ion Balance Summary for Groundwater
January 01, 2024 - March 31, 2024

			Well	**MW-1**			**MW-4**			**MW-6**		
			Sample Date	2/21/2024			2/21/2024			2/22/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			5.93			5.21			6.75		
Conductance	--			82.90			43.60			109		
TDS	--			59.30			34.00			83.30		
Calcium	40.08	2		9.68	0.4830	57.90	4.16	0.2076	49.05	12.50	0.6238	52.60
Magnesium	24.31	2		2.39	0.1967	23.58	0.9660	0.0795	18.78	4.48	0.3687	31.09
Potassium	39.10	1		1.02	0.0261	3.13	0.6010	0.0154	3.63	0.7160	0.0183	1.54
Sodium	22.99	1		2.34	0.1018	12.20	2.77	0.1205	28.47	4.02	0.1749	14.75
Iron	55.85	2		0.0050	0.0002	0.0215	0.0050	0.0002	0.0423	0.0050	0.0002	0.0151
Manganese	54.94	2		0.6990	0.0254	3.05	0.0003	0.0000	0.0026	0.0003	0.0000	0.0011
Ammonia-N	14.01	1		0.0136	0.0010	0.1164	0.0010	0.0001	0.0169	0.0010	0.0001	0.0060
	Total Cations (meq/L)				**0.83**			**0.42**			**1.19**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			28.20			10.10			44.70		
Carbonate	60.00	2		0.0014	0.0000	0.0060	0.0001	0.0000	0.0008	0.0151	0.0005	0.0439
Bicarbonate	61.01	1		34.40	0.5638	70.04	12.32	0.2020	50.96	54.50	0.8933	77.92
Chloride	35.45	1		5.59	0.1577	19.59	4.08	0.1151	29.04	5.63	0.1588	13.85
Nitrate-N	14.01	1		0.0050	0.0004	0.0443	0.5710	0.0408	10.29	0.2880	0.0206	1.79
Sulfate	96.06	2		3.99	0.0831	10.32	1.85	0.0385	9.72	3.52	0.0733	6.39
	Total Anions (meq/L)				**0.81**			**0.40**			**1.15**	
	Total Ions (meq/L)				**1.64**			**0.82**			**2.33**	
	Cation/Anion Ratio				**1.04**			**1.07**			**1.03**	
	Percent Difference				**1.78**			**3.28**			**1.69**	

Table D-2
Shallow Aquifer: Ion Balance Summary for Groundwater
January 01, 2024 - March 31, 2024

			Well	**MW-10**			**MW-11**			**MW-18**		
			Sample Date	2/22/2024			2/22/2024			2/22/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			5.65			5.91			5.77		
Conductance	--			65.00			62.10			47.60		
TDS	--			45.30			40.00			43.30		
Calcium	40.08	2		6.81	0.3398	49.41	6.03	0.3009	51.12	5.25	0.2620	53.69
Magnesium	24.31	2		1.67	0.1374	19.98	1.53	0.1259	21.39	1.07	0.0881	18.05
Potassium	39.10	1		0.9500	0.0243	3.53	0.4160	0.0106	1.81	0.6010	0.0154	3.15
Sodium	22.99	1		1.55	0.0674	9.80	3.47	0.1509	25.64	2.81	0.1222	25.05
Iron	55.85	2		2.68	0.0960	13.96	0.0050	0.0002	0.0304	0.0050	0.0002	0.0367
Manganese	54.94	2		0.3210	0.0117	1.70	0.0003	0.0000	0.0020	0.0007	0.0000	0.0049
Ammonia-N	14.01	1		0.1550	0.0111	1.61	0.0010	0.0001	0.0121	0.0010	0.0001	0.0146
	Total Cations (meq/L)				**0.69**			**0.59**			**0.49**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			24.50			16.30			17.80		
Carbonate	60.00	2		0.0007	0.0000	0.0037	0.0008	0.0000	0.0046	0.0006	0.0000	0.0046
Bicarbonate	61.01	1		29.89	0.4899	82.37	19.88	0.3259	56.50	21.71	0.3559	77.71
Chloride	35.45	1		0.9220	0.0260	4.37	5.57	0.1571	27.24	1.63	0.0460	10.04
Nitrate-N	14.01	1		0.0050	0.0004	0.0600	0.6460	0.0461	7.99	0.0130	0.0009	0.2026
Sulfate	96.06	2		3.77	0.0785	13.20	2.29	0.0477	8.27	2.65	0.0552	12.05
	Total Anions (meq/L)				**0.59**			**0.58**			**0.46**	
	Total Ions (meq/L)				**1.28**			**1.17**			**0.95**	
	Cation/Anion Ratio				**1.16**			**1.02**			**1.07**	
	Percent Difference				**7.25**			**1.01**			**3.16**	

Table D-2
Shallow Aquifer: Ion Balance Summary for Groundwater
January 01, 2024 - March 31, 2024

			Well	**MW-26**		
			Sample Date	2/22/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)
pH	--			5.80		
Conductance	--			45.50		
TDS	--			34.00		
Calcium	40.08	2		3.99	0.1991	46.78
Magnesium	24.31	2		0.9900	0.0815	19.14
Potassium	39.10	1		0.4220	0.0108	2.54
Sodium	22.99	1		3.08	0.1340	31.48
Iron	55.85	2		0.0050	0.0002	0.0421
Manganese	54.94	2		0.0010	0.0000	0.0085
Ammonia-N	14.01	1		0.0010	0.0001	0.0168
	Total Cations (meq/L)				**0.43**	
Anion Parameters	Molecular Weight (g/mol)	n				
Alkalinity, Total	--			9.46		
Carbonate	60.00	2		0.0004	0.0000	0.0029
Bicarbonate	61.01	1		11.54	0.1891	46.20
Chloride	35.45	1		4.71	0.1329	32.45
Nitrate-N	14.01	1		0.6410	0.0458	11.18
Sulfate	96.06	2		2.00	0.0416	10.17
	Total Anions (meq/L)				**0.41**	
	Total Ions (meq/L)				**0.84**	
	Cation/Anion Ratio				**1.04**	
	Percent Difference				**1.94**	

Figure D-3. Shallow Aquifer Trilinear Diagram
Second Quarter 2024
April 01, 2024 - June 30, 2024

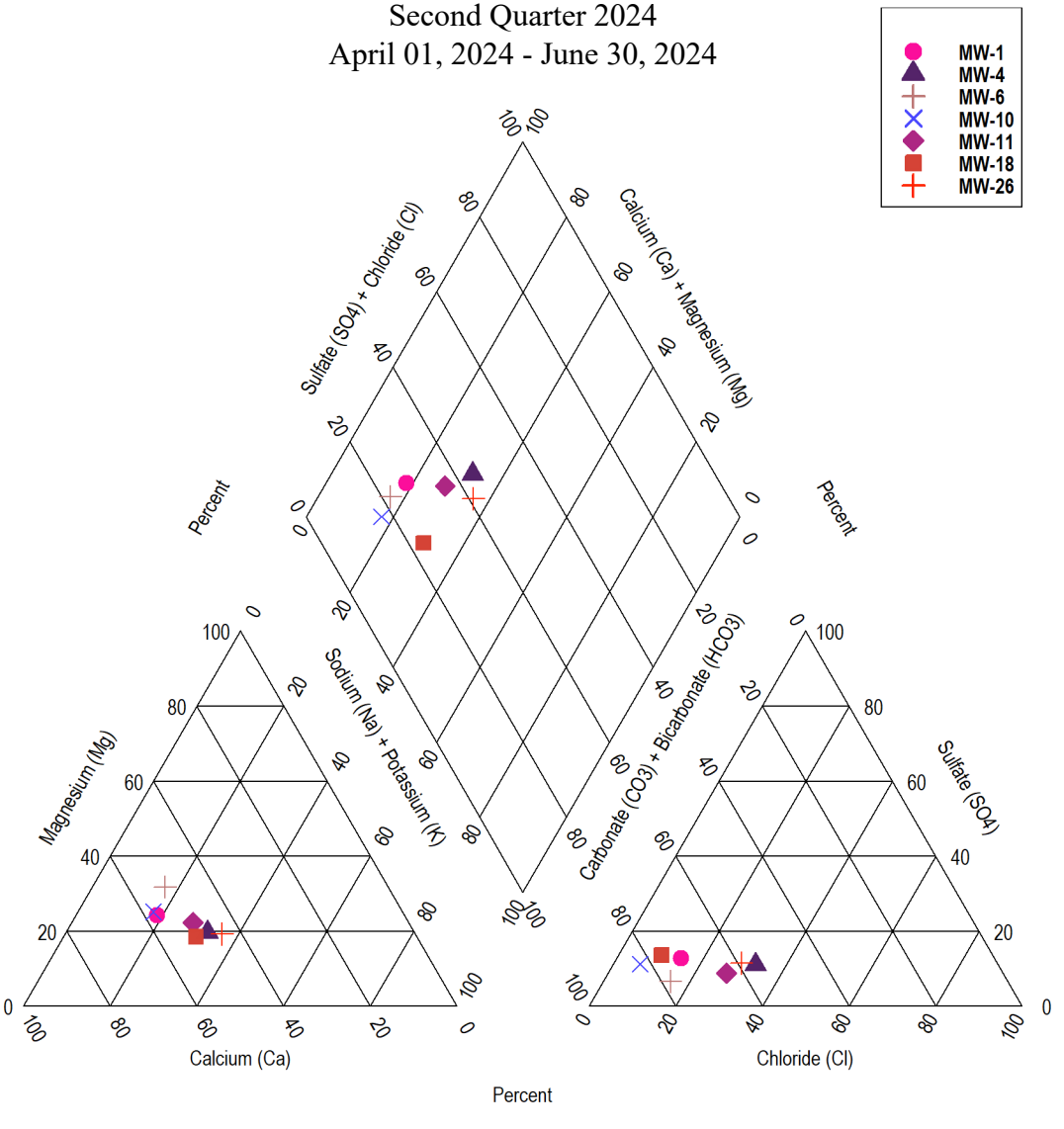


Table D-3
Shallow Aquifer: Ion Balance Summary for Groundwater
April 01, 2024 - June 30, 2024

			Well	**MW-1**			**MW-4**			**MW-6**		
			Sample Date	5/23/2024			5/23/2024			5/30/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			5.61			5.67			6.81		
Conductance	--			62.80			43.00			102		
TDS	--			47.30			39.00			82.00		
Calcium	40.08	2		7.49	0.3738	54.89	4.07	0.2031	47.67	11.90	0.5938	51.41
Magnesium	24.31	2		1.94	0.1596	23.45	1.0200	0.0839	19.70	4.47	0.3678	31.85
Potassium	39.10	1		1.08	0.0276	4.06	0.6110	0.0156	3.67	0.6930	0.0177	1.53
Sodium	22.99	1		2.16	0.0940	13.80	2.83	0.1231	28.90	4.03	0.1753	15.18
Iron	55.85	2		0.0050	0.0002	0.0263	0.0050	0.0002	0.0420	0.0050	0.0002	0.0155
Manganese	54.94	2		0.6800	0.0248	3.6352	0.0002	0.0000	0.0018	0.0002	0.0000	0.0007
Ammonia-N	14.01	1		0.0138	0.0010	0.1447	0.0010	0.0001	0.0168	0.0010	0.0001	0.0062
	Total Cations (meq/L)				**0.68**			**0.43**			**1.15**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			22.80			10.50			43.90		
Carbonate	60.00	2		0.0006	0.0000	0.0029	0.0003	0.0000	0.0024	0.0170	0.0006	0.0495
Bicarbonate	61.01	1		27.81	0.4559	72.23	12.81	0.2099	50.60	53.52	0.8772	76.50
Chloride	35.45	1		3.3200	0.0937	14.84	4.38	0.1236	29.78	6.20	0.1749	15.25
Nitrate-N	14.01	1		0.0110	0.0008	0.12	0.5540	0.0396	9.53	0.2690	0.0192	1.6748
Sulfate	96.06	2		3.88	0.0808	12.80	2.01	0.0418	10.09	3.59	0.0747	6.52
	Total Anions (meq/L)				**0.63**			**0.41**			**1.15**	
	Total Ions (meq/L)				**1.31**			**0.84**			**2.30**	
	Cation/Anion Ratio				**1.08**			**1.03**			**1.01**	
	Percent Difference				**3.79**			**1.32**			**0.36**	

Table D-3
Shallow Aquifer: Ion Balance Summary for Groundwater
April 01, 2024 - June 30, 2024

			Well	**MW-10**			**MW-11**			**MW-18**		
			Sample Date	5/28/2024			5/28/2024			5/28/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			6.27			5.55			5.99		
Conductance	--			55.50			64.60			43.30		
TDS	--			37.00			50.00			42.00		
Calcium	40.08	2		6.02	0.3004	48.14	6.45	0.3219	49.72	4.80	0.2395	50.90
Magnesium	24.31	2		1.60	0.1317	21.10	1.76	0.1448	22.37	1.06	0.0872	18.54
Potassium	39.10	1		0.88	0.0224	3.59	0.4350	0.0111	1.72	0.5790	0.0148	3.15
Sodium	22.99	1		1.57	0.0683	10.94	3.89	0.1692	26.14	2.96	0.1288	27.36
Iron	55.85	2		2.34	0.0838	13.43	0.0050	0.0002	0.0277	0.0050	0.0002	0.0380
Manganese	54.94	2		0.2680	0.0098	1.56	0.0002	0.0000	0.0014	0.0004	0.0000	0.0029
Ammonia-N	14.01	1		0.1090	0.0078	1.25	0.0010	0.0001	0.0110	0.0010	0.0001	0.0152
	Total Cations (meq/L)				**0.62**			**0.65**			**0.47**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			22.90			18.80			16.70		
Carbonate	60.00	2		0.0026	0.0001	0.0154	0.0004	0.0000	0.0022	0.0010	0.0000	0.0075
Bicarbonate	61.01	1		27.93	0.4578	82.51	22.94	0.3759	61.12	20.37	0.3339	76.12
Chloride	35.45	1		1.21	0.0341	6.15	5.72	0.1614	26.24	1.54	0.0434	9.90
Nitrate-N	14.01	1		0.0050	0.0004	0.0643	0.3630	0.0259	4.21	0.0240	0.0017	0.39
Sulfate	96.06	2		3.00	0.0625	11.26	2.49	0.0518	8.43	2.86	0.0595	13.58
	Total Anions (meq/L)				**0.55**			**0.62**			**0.44**	
	Total Ions (meq/L)				**1.18**			**1.26**			**0.91**	
	Cation/Anion Ratio				**1.12**			**1.05**			**1.07**	
	Percent Difference				**5.87**			**2.55**			**3.51**	

Table D-3
Shallow Aquifer: Ion Balance Summary for Groundwater
April 01, 2024 - June 30, 2024

			Well	MW-26		
			Sample Date	5/30/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)
pH	--			5.91		
Conductance	--			44.20		
TDS	--			33.00		
Calcium	40.08	2		4.06	0.2026	44.51
Magnesium	24.31	2		1.07	0.0881	19.35
Potassium	39.10	1		0.4510	0.0115	2.53
Sodium	22.99	1		3.51	0.1527	33.55
Iron	55.85	2		0.0050	0.0002	0.0393
Manganese	54.94	2		0.0011	0.0000	0.0088
Ammonia-N	14.01	1		0.0010	0.0001	0.0157
	Total Cations (meq/L)				**0.46**	
Anion Parameters	Molecular Weight (g/mol)	n				
Alkalinity, Total	--			11.90		
Carbonate	60.00	2		0.0006	0.0000	0.0045
Bicarbonate	61.01	1		14.52	0.2379	55.19
Chloride	35.45	1		4.20	0.1185	27.48
Nitrate-N	14.01	1		0.3960	0.0283	6.56
Sulfate	96.06	2		2.23	0.0464	10.77
	Total Anions (meq/L)				**0.43**	
	Total Ions (meq/L)				**0.89**	
	Cation/Anion Ratio				**1.06**	
	Percent Difference				**2.71**	

Figure D-4. Shallow Aquifer Trilinear Diagram
Third Quarter 2024
July 01, 2024 - September 30, 2024

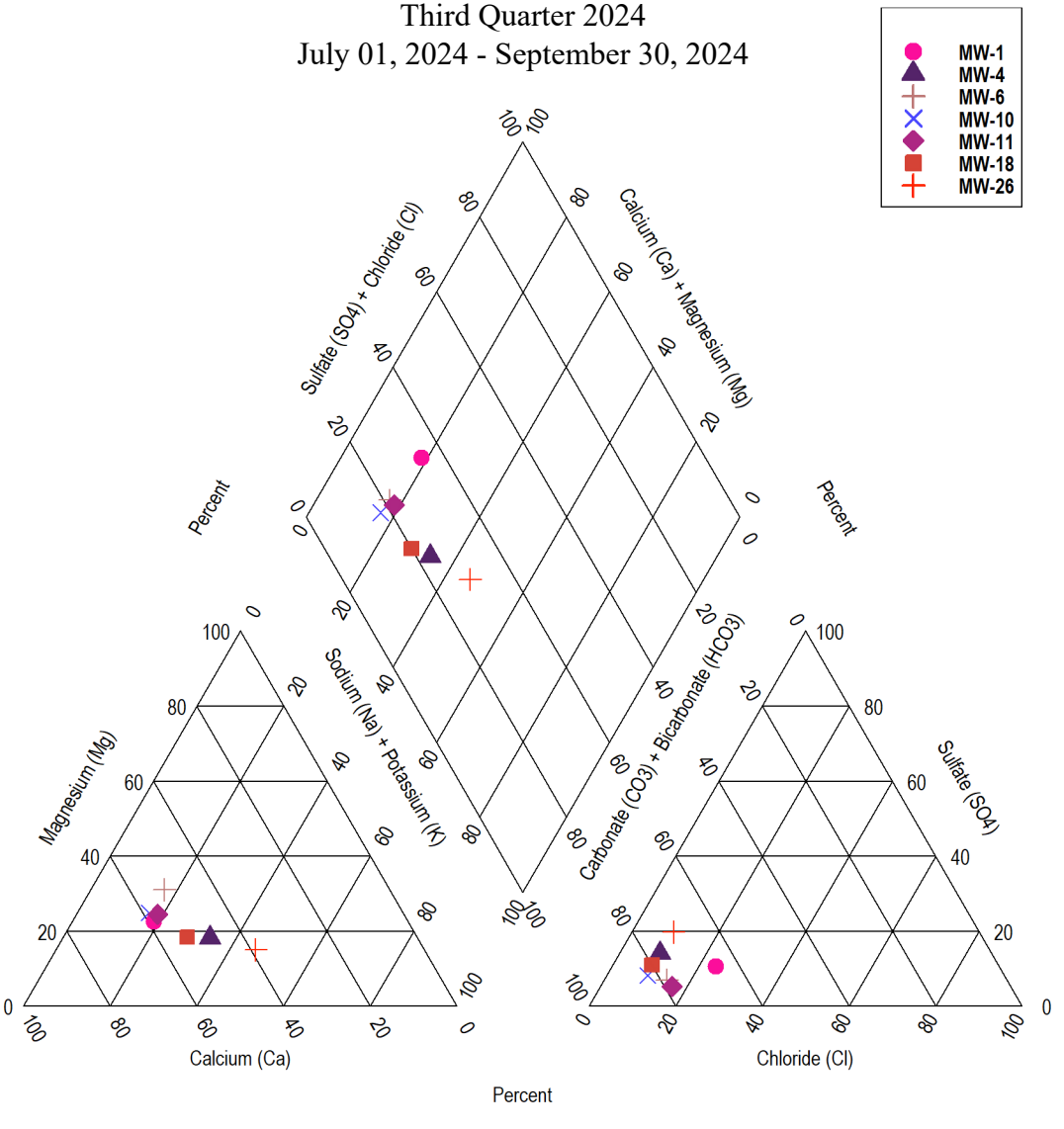


Table D-4
Shallow Aquifer: Ion Balance Summary for Groundwater
July 01, 2024 - September 30, 2024

			Well	**MW-1**			**MW-4**			**MW-6**		
			Sample Date	8/19/2024			8/19/2024			8/19/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			5.91			5.19			6.70		
Conductance	--			80.60			39.30			102		
TDS	--			63.30			35.00			86.70		
Calcium	40.08	2		9.37	0.4676	55.41	3.85	0.1921	47.80	11.90	0.5938	51.91
Magnesium	24.31	2		2.20	0.1810	21.46	0.8950	0.0736	18.32	4.32	0.3555	31.08
Potassium	39.10	1		1.30	0.0333	3.94	0.6360	0.0163	4.05	0.7120	0.0182	1.59
Sodium	22.99	1		2.66	0.1157	13.71	2.75	0.1196	29.76	4.05	0.1762	15.40
Iron	55.85	2		0.0840	0.0030	0.3565	0.0050	0.0002	0.0445	0.0050	0.0002	0.0157
Manganese	54.94	2		1.14	0.0415	4.92	0.0003	0.0000	0.0028	0.0004	0.0000	0.0013
Ammonia-N	14.01	1		0.0236	0.0017	0.1997	0.0010	0.0001	0.0178	0.0010	0.0001	0.0062
	Total Cations (meq/L)				**0.84**			**0.40**			**1.14**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			26.60			14.10			44.10		
Carbonate	60.00	2		0.0013	0.0000	0.0053	0.0001	0.0000	0.0011	0.0133	0.0004	0.0389
Bicarbonate	61.01	1		32.45	0.5318	65.41	17.20	0.2819	71.89	53.77	0.8814	77.33
Chloride	35.45	1		6.87	0.1938	23.84	1.21	0.0341	8.70	5.75	0.1622	14.23
Nitrate-N	14.01	1		0.0050	0.0004	0.0439	0.3370	0.0241	6.13	0.2330	0.0166	1.46
Sulfate	96.06	2		4.18	0.0870	10.70	2.50	0.0521	13.27	3.80	0.0791	6.94
	Total Anions (meq/L)				**0.81**			**0.39**			**1.14**	
	Total Ions (meq/L)				**1.66**			**0.79**			**2.28**	
	Cation/Anion Ratio				**1.04**			**1.02**			**1.00**	
	Percent Difference				**1.85**			**1.23**			**0.18**	

Table D-4
Shallow Aquifer: Ion Balance Summary for Groundwater
July 01, 2024 - September 30, 2024

			Well	**MW-10**			**MW-11**			**MW-18**		
			Sample Date	8/19/2024			8/20/2024			8/19/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			6.39			5.94			5.44		
Conductance	--			68.50			89.50			50.00		
TDS	--			50.00			70.00			45.30		
Calcium	40.08	2		7.49	0.3738	49.09	11.40	0.5689	56.76	5.82	0.2904	52.99
Magnesium	24.31	2		1.94	0.1596	20.97	2.99	0.2460	24.55	1.23	0.1012	18.47
Potassium	39.10	1		1.01	0.0258	3.39	0.4960	0.0127	1.27	0.6870	0.0176	3.21
Sodium	22.99	1		1.83	0.0796	10.46	4.01	0.1744	17.40	3.18	0.1383	25.24
Iron	55.85	2		2.88	0.1031	13.55	0.0050	0.0002	0.0179	0.0050	0.0002	0.0327
Manganese	54.94	2		0.3210	0.0117	1.53	0.0001	0.0000	0.0005	0.0004	0.0000	0.0029
Ammonia-N	14.01	1		0.1070	0.0076	1.00	0.0010	0.0001	0.0071	0.0040	0.0003	0.0521
	Total Cations (meq/L)				**0.76**			**1.00**			**0.55**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			29.00			38.10			21.10		
Carbonate	60.00	2		0.0043	0.0001	0.0202	0.0020	0.0001	0.0066	0.0003	0.0000	0.0022
Bicarbonate	61.01	1		35.37	0.5797	82.24	46.48	0.7618	76.08	25.74	0.4219	78.72
Chloride	35.45	1		2.37	0.0669	9.48	5.69	0.1605	16.03	1.69	0.0477	8.90
Nitrate-N	14.01	1		0.0050	0.0004	0.0506	0.3740	0.0267	2.67	0.1130	0.0081	1.51
Sulfate	96.06	2		2.78	0.0579	8.21	2.51	0.0523	5.22	2.80	0.0583	10.88
	Total Anions (meq/L)				**0.70**			**1.00**			**0.54**	
	Total Ions (meq/L)				**1.47**			**2.00**			**1.08**	
	Cation/Anion Ratio				**1.08**			**1.00**			**1.02**	
	Percent Difference				**3.84**			**0.05**			**1.11**	

Table D-4
Shallow Aquifer: Ion Balance Summary for Groundwater
July 01, 2024 - September 30, 2024

			Well	**MW-26**		
			Sample Date	8/21/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)
pH	--			5.46		
Conductance	--			31.90		
TDS	--			30.00		
Calcium	40.08	2		2.42	0.1208	38.86
Magnesium	24.31	2		0.5670	0.0467	15.02
Potassium	39.10	1		0.3700	0.0095	3.05
Sodium	22.99	1		3.07	0.1335	42.98
Iron	55.85	2		0.0050	0.0002	0.0576
Manganese	54.94	2		0.0010	0.0000	0.0119
Ammonia-N	14.01	1		0.0010	0.0001	0.0230
	Total Cations (meq/L)				**0.31**	
Anion Parameters	Molecular Weight (g/mol)	n				
Alkalinity, Total	--			10.30		
Carbonate	60.00	2		0.0002	0.0000	0.0019
Bicarbonate	61.01	1		12.57	0.2060	66.69
Chloride	35.45	1		0.9980	0.0282	9.12
Nitrate-N	14.01	1		0.2360	0.0168	5.46
Sulfate	96.06	2		2.78	0.0579	18.74
	Total Anions (meq/L)				**0.31**	
	Total Ions (meq/L)				**0.62**	
	Cation/Anion Ratio				**1.01**	
	Percent Difference				**0.30**	

Figure D-5. Deep Aquifer Trilinear Diagram
Fourth Quarter 2023
October 01, 2023 - December 31, 2023

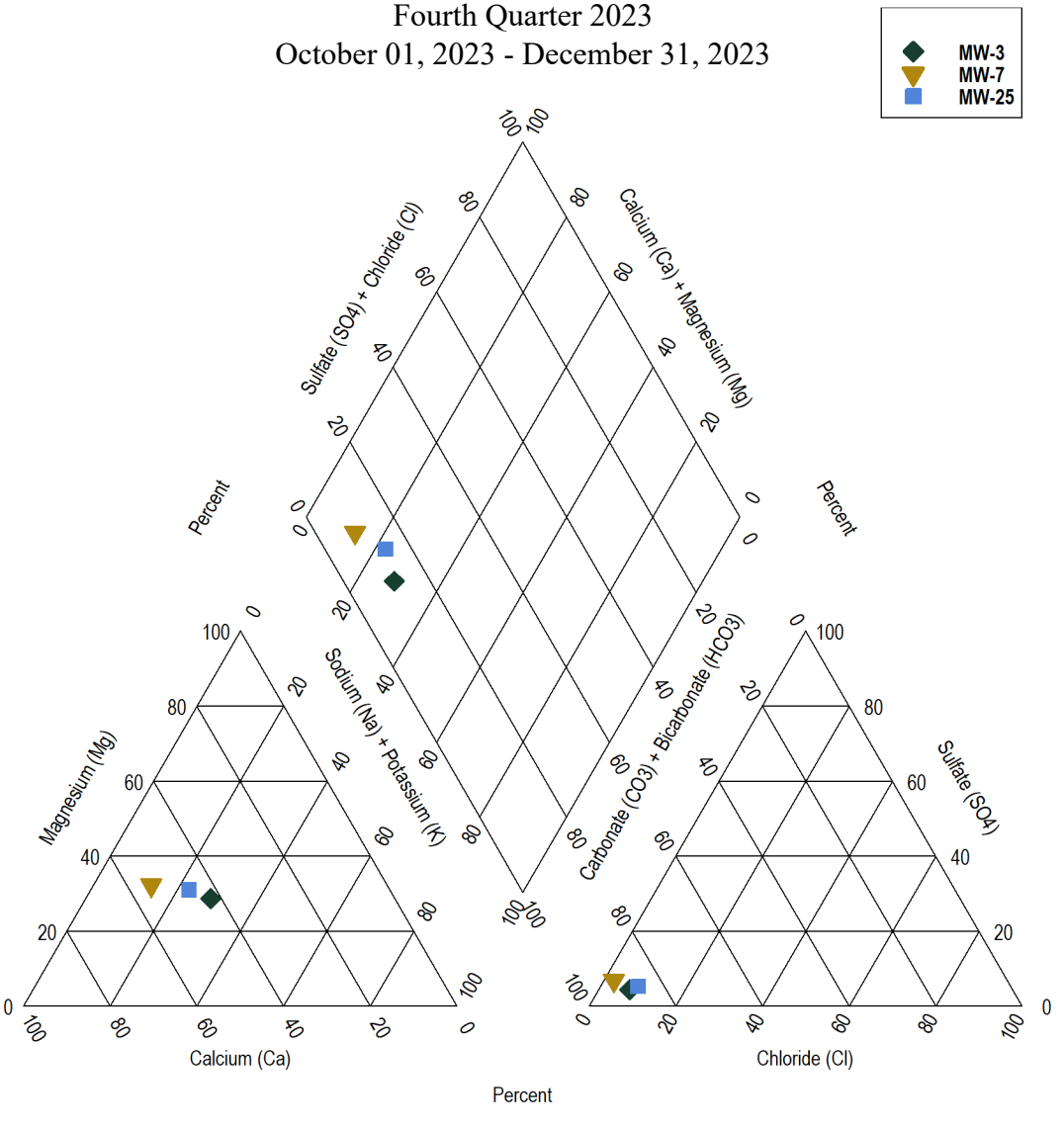


Table D-5
Deep Aquifer: Ion Balance Summary for Groundwater
October 01, 2023 - December 31, 2023

		Well	MW-3			MW-7			MW-25		
		Sample Date	11/27/2023			11/21/2023			11/21/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		7.41			7.91			7.72		
Conductance	--		152			242			107		
TDS	--		103			155			73.30		
Calcium	40.08	2	14.50	0.7236	42.36	30.60	1.53	54.40	10.90	0.5439	46.31
Magnesium	24.31	2	5.96	0.4904	28.72	11.00	0.9052	32.25	4.43	0.3645	31.04
Potassium	39.10	1	0.8260	0.0211	1.24	0.9820	0.0251	0.8950	0.5610	0.0144	1.22
Sodium	22.99	1	10.80	0.4698	27.51	8.03	0.3493	12.44	5.78	0.2514	21.41
Iron	55.85	2	0.0050	0.0002	0.0105	0.0050	0.0002	0.0064	0.0050	0.0002	0.0152
Manganese	54.94	2	0.0723	0.0026	0.1541	0.0001	0.0000	0.0001	0.0001	0.0000	0.0002
Ammonia-N	14.01	1	0.0027	0.0002	0.0113	0.0010	0.0001	0.0025	0.0010	0.0001	0.0061
	Total Cations (meq/L)			**1.71**			**2.81**			**1.17**	
Anion Parameters	Molecular Weight (g/mol)	n									
Alkalinity, Total	--		74.10			126			49.60		
Carbonate	60.00	2	0.1143	0.0038	0.2269	0.6110	0.0204	0.7338	0.1557	0.0052	0.4454
Bicarbonate	61.01	1	90.17	1.48	88.05	152	2.50	90.05	60.20	0.9866	84.67
Chloride	35.45	1	4.27	0.1205	7.18	2.25	0.0635	2.29	3.56	0.1004	8.62
Nitrate-N	14.01	1	0.0050	0.0004	0.0213	0.0150	0.0011	0.0386	0.1690	0.0121	1.04
Sulfate	96.06	2	3.65	0.0760	4.53	9.18	0.1911	6.89	2.93	0.0610	5.23
	Total Anions (meq/L)			**1.68**			**2.78**			**1.17**	
	Total Ions (meq/L)			**3.39**			**5.58**			**2.34**	
	Cation/Anion Ratio			**1.02**			**1.01**			**1.01**	
	Percent Difference			**0.87**			**0.57**			**0.39**	

Figure D-6. Deep Aquifer Trilinear Diagram
First Quarter 2024
January 01, 2024 - March 31, 2024

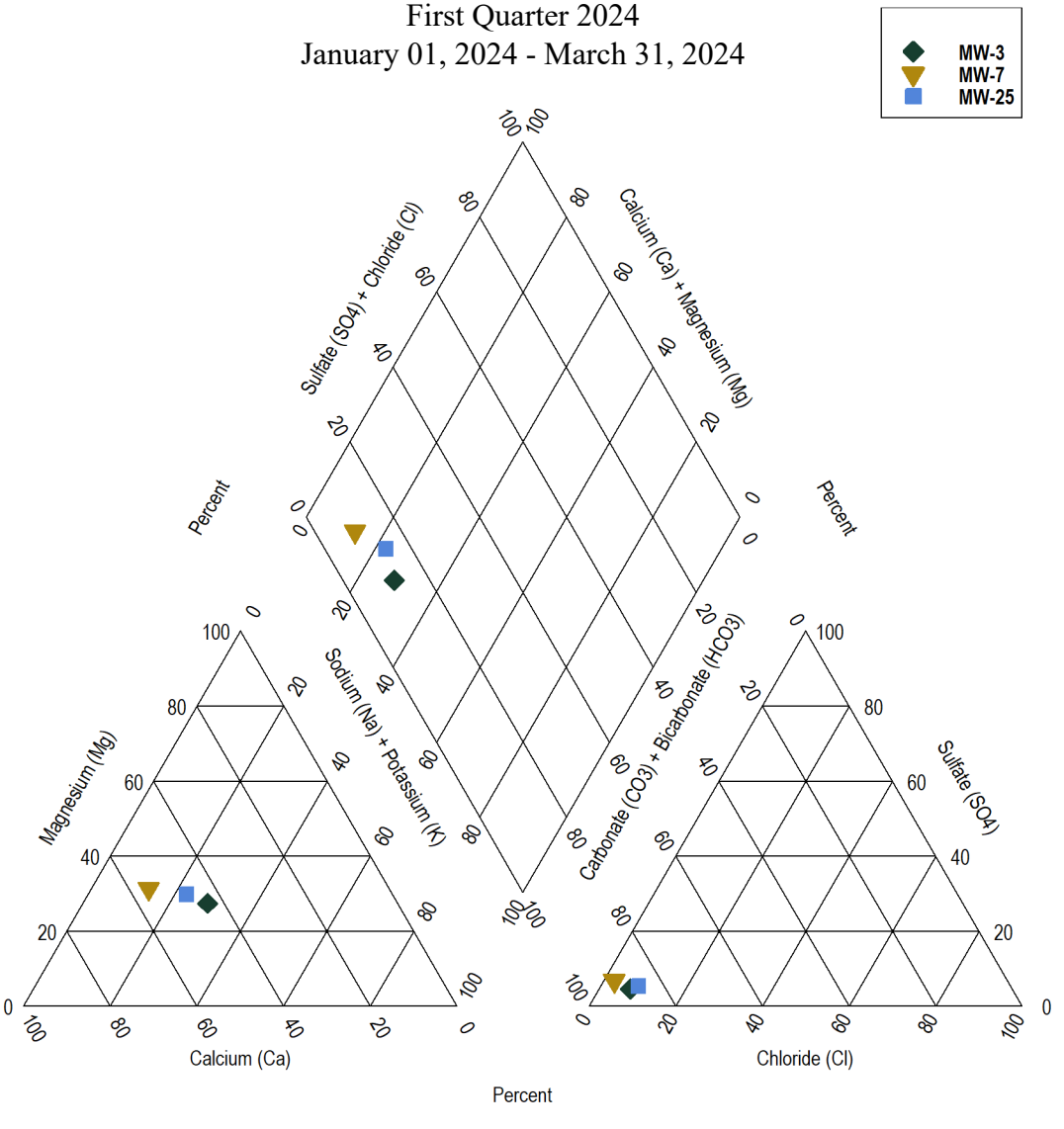


Table D-6
Deep Aquifer: Ion Balance Summary for Groundwater
January 01, 2024 - March 31, 2024

			Well	**MW-3**			**MW-7**			**MW-25**		
			Sample Date	2/21/2024			2/21/2024			2/22/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			7.14			7.38			7.65		
Conductance	--			148			243			107		
TDS	--			98.70			158			76.00		
Calcium	40.08	2		14.90	0.7435	43.78	31.80	1.59	55.51	11.00	0.5489	47.48
Magnesium	24.31	2		5.66	0.4658	27.42	10.90	0.8970	31.38	4.19	0.3448	29.82
Potassium	39.10	1		0.8000	0.0205	1.20	0.9480	0.0242	0.8484	0.5380	0.0138	1.19
Sodium	22.99	1		10.70	0.4655	27.41	8.05	0.3502	12.25	5.71	0.2484	21.48
Iron	55.85	2		0.0050	0.0002	0.0105	0.0050	0.0002	0.0063	0.0050	0.0002	0.0155
Manganese	54.94	2		0.0733	0.0027	0.1571	0.0001	0.0000	0.0001	0.0001	0.0000	0.0002
Ammonia-N	14.01	1		0.0042	0.0003	0.0177	0.0010	0.0001	0.0025	0.0010	0.0001	0.0062
	Total Cations (meq/L)				**1.70**			**2.86**			**1.16**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			72.40			126			48.90		
Carbonate	60.00	2		0.0600	0.0020	0.1218	0.1813	0.0060	0.2177	0.1308	0.0044	0.3788
Bicarbonate	61.01	1		88.21	1.45	88.02	153	2.51	90.51	59.39	0.9734	84.59
Chloride	35.45	1		4.22	0.1190	7.25	2.37	0.0669	2.41	3.53	0.0996	8.65
Nitrate-N	14.01	1		0.0050	0.0004	0.0217	0.0150	0.0011	0.0386	0.1640	0.0117	1.02
Sulfate	96.06	2		3.62	0.0754	4.59	9.10	0.1895	6.82	2.96	0.0616	5.36
	Total Anions (meq/L)				**1.64**			**2.78**			**1.15**	
	Total Ions (meq/L)				**3.34**			**5.64**			**2.31**	
	Cation/Anion Ratio				**1.03**			**1.03**			**1.00**	
	Percent Difference				**1.67**			**1.45**			**0.23**	

Figure D-7. Deep Aquifer Trilinear Diagram
Second Quarter 2024
April 01, 2024 - June 30, 2024

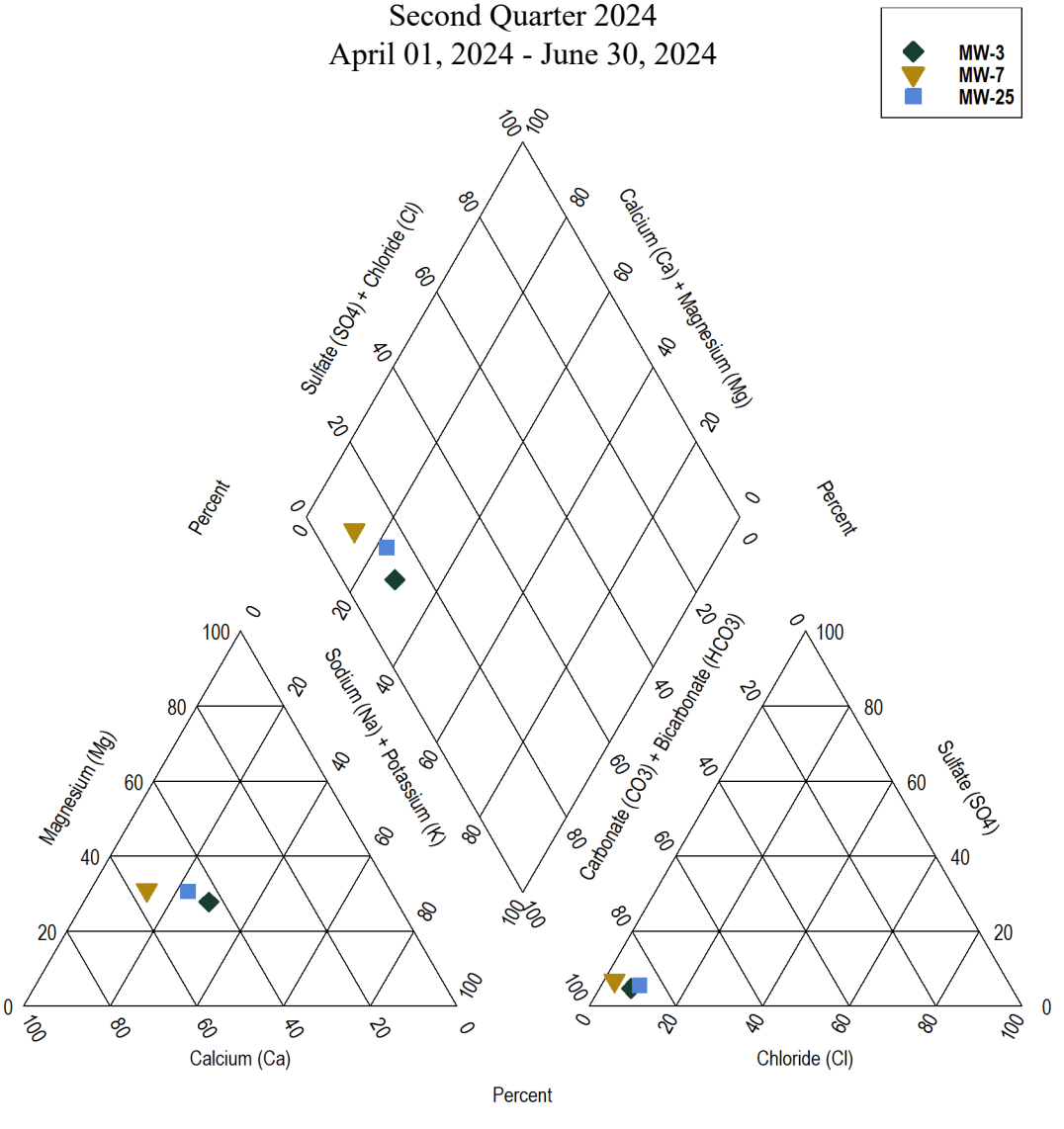


Table D-7
Deep Aquifer: Ion Balance Summary for Groundwater
April 01, 2024 - June 30, 2024

			Well	**MW-3**			**MW-7**			**MW-25**		
			Sample Date	5/23/2024			5/23/2024			5/28/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			7.39			7.22			7.30		
Conductance	--			145			244			108		
TDS	--			104			161			77.30		
Calcium	40.08	2		14.80	0.7385	43.29	32.80	1.64	56.06	11.10	0.5539	46.74
Magnesium	24.31	2		5.76	0.4740	27.78	11.00	0.9052	31.01	4.40	0.3621	30.55
Potassium	39.10	1		0.8100	0.0207	1.21	1.0400	0.0266	0.9113	0.5490	0.0140	1.18
Sodium	22.99	1		10.80	0.4698	27.54	8.06	0.3506	12.01	5.86	0.2549	21.51
Iron	55.85	2		0.0050	0.0002	0.0105	0.0050	0.0002	0.0061	0.0050	0.0002	0.0151
Manganese	54.94	2		0.0700	0.0025	0.1494	0.0001	0.0000	0.0001	0.0001	0.0000	0.0002
Ammonia-N	14.01	1		0.0034	0.0002	0.0142	0.0010	0.0001	0.0024	0.0010	0.0001	0.0060
	Total Cations (meq/L)				**1.71**			**2.92**			**1.19**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			72.80			126			49.00		
Carbonate	60.00	2		0.1072	0.0036	0.2156	0.1256	0.0042	0.1505	0.0587	0.0020	0.1690
Bicarbonate	61.01	1		88.60	1.45	87.62	153	2.52	90.46	59.66	0.9778	84.47
Chloride	35.45	1		4.33	0.1221	7.37	2.41	0.0680	2.44	3.63	0.1024	8.85
Nitrate-N	14.01	1		0.0050	0.0004	0.0215	0.0170	0.0012	0.0436	0.1590	0.0114	0.98
Sulfate	96.06	2		3.80	0.0791	4.77	9.22	0.1920	6.90	3.08	0.0641	5.54
	Total Anions (meq/L)				**1.66**			**2.78**			**1.16**	
	Total Ions (meq/L)				**3.36**			**5.70**			**2.34**	
	Cation/Anion Ratio				**1.03**			**1.05**			**1.02**	
	Percent Difference				**1.45**			**2.43**			**1.17**	

Figure D-8. Deep Aquifer Trilinear Diagram
Third Quarter 2024
July 01, 2024 - September 30, 2024

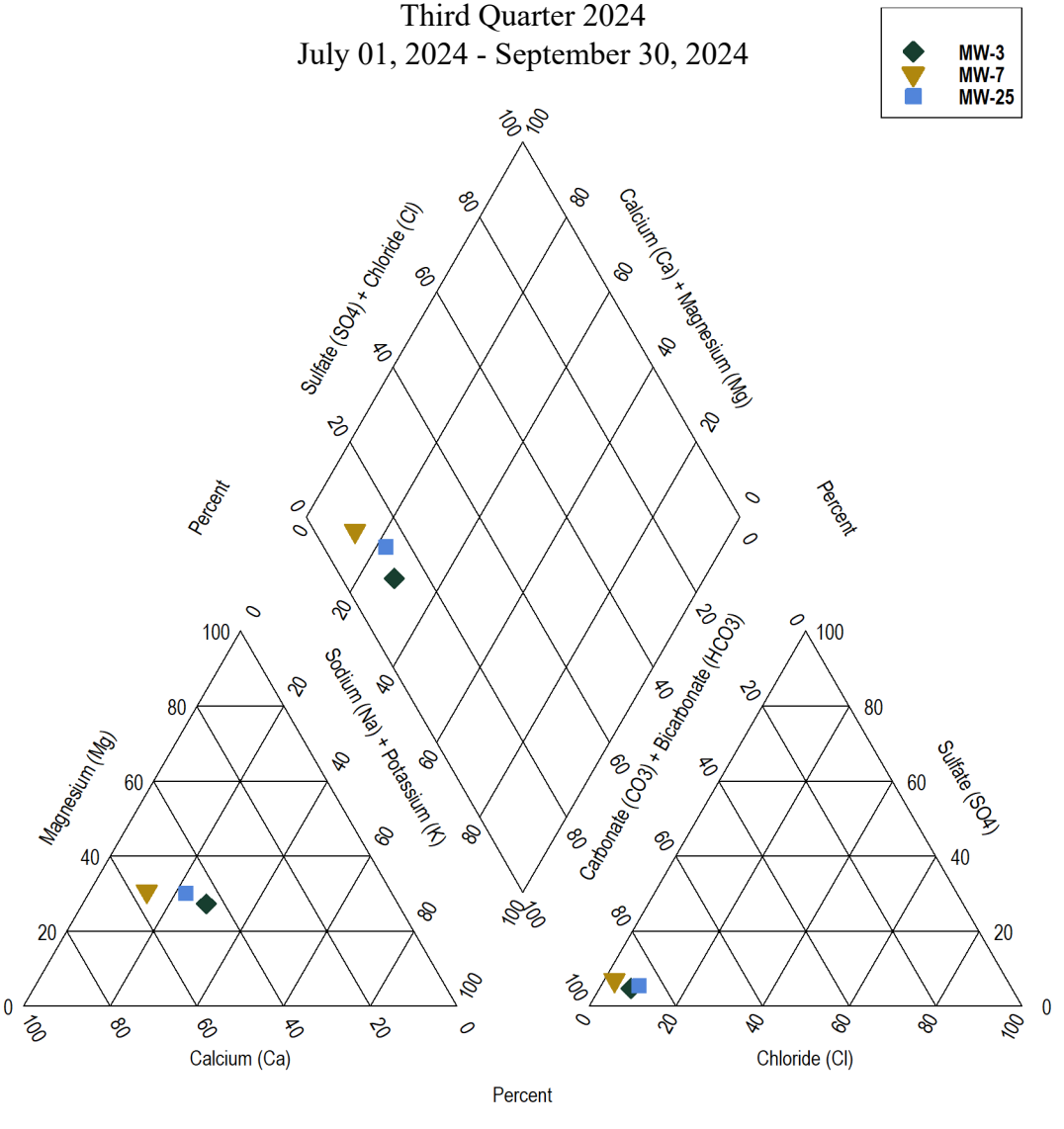


Table D-8
Deep Aquifer: Ion Balance Summary for Groundwater
July 01, 2024 - September 30, 2024

			Well	**MW-3**			**MW-7**			**MW-25**		
			Sample Date	8/19/2024			8/19/2024			8/20/2024		
Cation Parameters	Molecular Weight (g/mol)	n		mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--			7.19			7.35			7.49		
Conductance	--			153			238			104		
TDS	--			106			165			82.00		
Calcium	40.08	2		15.40	0.7685	44.09	32.30	1.61	56.20	11.70	0.5838	47.49
Magnesium	24.31	2		5.78	0.4756	27.29	10.70	0.8805	30.70	4.50	0.3703	30.12
Potassium	39.10	1		0.8470	0.0217	1.24	1.01	0.0258	0.9008	0.5800	0.0148	1.21
Sodium	22.99	1		10.90	0.4742	27.20	8.04	0.3497	12.19	5.98	0.2601	21.16
Iron	55.85	2		0.0050	0.0002	0.0103	0.0050	0.0002	0.0062	0.0050	0.0002	0.0146
Manganese	54.94	2		0.0728	0.0026	0.1520	0.0001	0.0000	0.0001	0.0001	0.0000	0.0001
Ammonia-N	14.01	1		0.0036	0.0003	0.0147	0.0010	0.0001	0.0025	0.0010	0.0001	0.0058
	Total Cations (meq/L)				**1.74**			**2.87**			**1.23**	
Anion Parameters	Molecular Weight (g/mol)	n										
Alkalinity, Total	--			73.70			128			50.30		
Carbonate	60.00	2		0.0685	0.0023	0.1362	0.1720	0.0057	0.2028	0.0932	0.0031	0.2617
Bicarbonate	61.01	1		89.77	1.47	87.72	156	2.55	90.37	61.18	1.00	84.48
Chloride	35.45	1		4.37	0.1233	7.35	2.44	0.0688	2.44	3.69	0.1041	8.77
Nitrate-N	14.01	1		0.0050	0.0004	0.0213	0.0160	0.0011	0.0404	0.1780	0.0127	1.07
Sulfate	96.06	2		3.85	0.0802	4.78	9.43	0.1963	6.95	3.09	0.0643	5.42
	Total Anions (meq/L)				**1.68**			**2.83**			**1.19**	
	Total Ions (meq/L)				**3.42**			**5.69**			**2.42**	
	Cation/Anion Ratio				**1.04**			**1.01**			**1.04**	
	Percent Difference				**1.92**			**0.74**			**1.76**	

APPENDIX E

Groundwater Quality Standards

Water Quality Standards

Analyte	CAS No.	National Drinking Water Regulation MCL		Eff. Date	Ref.	Washington State Groundwater Quality Criteria Criterion*		Eff. Date	Ref.
Primary Standards									
A. Inorganics									
Antimony	7440-36-0	0.006	mg/L	17-Jan-94	FR v. 57 No.138	0.006	mg/L	17-Jan-94	WAC 173-200
Arsenic c	7440-38-2	0.01	mg/L	23-Jan-06	66 FR 28342	0.05	ug/L	01-Dec-90	WAC 173-200
Asbestos	132207-33-1	7	mf/L	30-Jul-92	FR v. 56 No. 20	7	mf/L	30-Jul-92	WAC 173-200
Barium	7440-39-3	2.0	mg/L	1-Jan-93	FR v. 56 No. 126	1.0	mg/L	01-Dec-90	WAC 173-200
Beryllium	7440-41-7	0.004	mg/L	17-Jan-94	FR v. 57 No.138	0.004	mg/L	17-Jan-94	WAC 173-200
Cadmium	7440-43-9	0.005	mg/L	30-Jul-92	FR v. 56 No. 20	0.005	mg/L	01-Dec-90	WAC 173-200
Chromium	7440-47-3	0.1	mg/L	30-Jul-92	FR v. 56 No. 20	0.05	mg/L	01-Dec-90	WAC 173-200
Copper	7440-50-8	1.3**	mg/L	7-Dec-92	FR v. 57 No. 125	1.0	mg/L	01-Dec-90	WAC 173-200
Cyanide	57-12-5	0.2	mg/L	17-Jan-94	FR v. 57 No.138	0.2	mg/L	17-Jan-94	WAC 173-200
Fluoride	16984-48-8	4.0	mg/L	2-Oct-87	40 CFR 141	4.0	mg/L	01-Dec-90	WAC 173-200
Lead	7439-92-1	0.015**	mg/L	7-Dec-92	FR v. 57 No. 125	0.015	mg/L	01-Dec-90	WAC 173-200
Mercury	7439-97-6	0.002	mg/L	2-Apr-86	40 CFR 141	0.002	mg/L	01-Dec-90	WAC 173-200
Nickel	7440-02-0	0.1	mg/L	17-Jan-94	FR v. 57 No.138	0.1	mg/L	17-Jan-94	WAC 173-200
Nitrate	14797-55-8	10.0	mg/L	2-Apr-86	FR v. 56 No. 20	10.0	mg/L	01-Dec-90	WAC 173-200
Nitrate and Nitrite	14797-55-8+14797-65-0	10.0	mg/L	30-Jul-92	FR v. 56 No. 20	10.0	mg/L	30-Jul-92	WAC 173-200
Nitrite	14797-65-0	1	mg/L	30-Jul-92	FR v. 56 No. 20	1.0	mg/L	30-Jul-92	WAC 173-200
Selenium	7782-49-2	0.05	mg/L	30-Jul-92	FR v. 56 No. 20	0.01	mg/L	01-Dec-90	WAC 173-200
Silver	7440-22-4	--				0.05	mg/L	01-Dec-90	WAC 173-200
Sodium	7440-23-5	20***	mg/L	20-Sep-04		20***	mg/L	03-Jul-04	WAC 246-290
Thallium	7440-28-0	0.002	mg/L	17-Jan-94	FR v. 57 No.138	0.002	mg/L	17-Jan-94	WAC 173-200
Total Coliforms		1/100	mL	24-Dec-75	40 CFR 141	1/100	mL	01-Dec-90	WAC 173-200
Turbidity		1	NTU	24-Dec-75	40 CFR 141	--	--	--	--
B. Organic Chemicals									
Alachlor	15972-60-8	2	µg/L	30-Jul-92	FR v. 56 No. 20	2	µg/L	30-Jul-92	WAC 173-200
Atrazine	1912-24-9	3	µg/L	30-Jul-92	FR v. 56 No. 20	3	µg/L	30-Jul-92	WAC 173-200
Benzene c	71-43-2	5	µg/L	9-Jan-89	40 CFR 141	1	µg/L	01-Dec-90	WAC 173-200
Bis(2-ethylhexyl)phthalate	117-81-7	6	µg/L	17-Jan-94	FR v. 57 No.138	6	µg/L	01-Dec-90	WAC 173-200
Bromodichloromethane c	75-27-4	--				0.3	µg/L	01-Dec-90	WAC 173-200
Bromoform c	75-25-2	--				5	µg/L	01-Dec-90	WAC 173-200
Carbofuran	1563-66-2	40	µg/L	30-Jul-92	FR v. 56 No. 20	40	µg/L	30-Jul-92	WAC 173-200
Carbon Tetrachloride c	56-23-5	5	µg/L	9-Jan-89	40 CFR 141	0.3	µg/L	01-Dec-90	WAC 173-200
Chlordane c	5103-71-9	2	µg/L	30-Jul-92	FR v. 56 No. 20	0.06	µg/L	01-Dec-90	WAC 173-200
Chlorobenzene	108-90-7	100	µg/L	30-Jul-92	FR v. 56 No. 20	100	µg/L	30-Jul-92	WAC 173-200
Chlorodibromomethane c	124-48-1	--				0.5	µg/L	01-Dec-90	WAC 173-200
Chloroform c	67-66-3	--				7	µg/L	01-Dec-90	WAC 173-200
2,4-D	94-75-7	70	µg/L	30-Jul-92	FR v. 56 No. 20	70	µg/L	01-Dec-90	WAC 173-200
Dalapon	75-99-0	200	µg/L	17-Jan-94	FR v. 57 No.138	200	µg/L	17-Jan-94	WAC 173-200
1,2-Dibromo-3-chloropropane	96-12-8	0.2	µg/L	30-Jul-92	FR v. 56 No. 20	0.2	µg/L	30-Jul-92	WAC 173-200
1,2-Dichlorobenzene	95-50-1	600	µg/L	30-Jul-92	FR v. 56 No. 20	600	µg/L	30-Jul-92	WAC 173-200
1,4-Dichlorobenzene c	106-46-7	75	µg/L	9-Jan-89	40 CFR 141	4	µg/L	01-Dec-90	WAC 173-200
1,1-Dichloroethane c	75-34-3	--				1	µg/L	01-Dec-90	WAC 173-200
1,2-Dichloroethane c	107-06-2	5	µg/L	9-Jan-89	40 CFR 141	0.5	µg/L	01-Dec-90	WAC 173-200
1,1-Dichloroethene	75-35-4	7	µg/L	9-Jan-89	40 CFR 141	7	µg/L	01-Dec-90	WAC 173-200
c-1,2-Dichloroethene	156-59-2	70	µg/L	30-Jul-92	FR v. 56 No. 20	70	µg/L	30-Jul-92	WAC 173-200
t-1,2-Dichloroethene	156-60-5	100	µg/L	30-Jul-92	FR v. 56 No. 20	100	µg/L	30-Jul-92	WAC 173-200
1,2-Dichloropropane c	78-87-5	5	µg/L	30-Jul-92	FR v. 56 No. 20	0.6	µg/L	01-Dec-90	WAC 173-200
1,3-Dichloropropene tot. c	542-75-6	--				0.2	µg/L	01-Dec-90	WAC 173-200
Di(ethylhexyl)adipate	103-23-1	400	µg/L	17-Jan-94	FR v. 57 No.138	400	µg/L	17-Jan-94	WAC 173-200
Dinoseb	88-85-7	7	µg/L	17-Jan-94	FR v. 57 No.138	7	µg/L	17-Jan-94	WAC 173-200
Diquat	231-36-7	20	µg/L	17-Jan-94	FR v. 57 No.138	20	µg/L	17-Jan-94	WAC 173-200
Endothall	145-73-3	100	µg/L	17-Jan-94	FR v. 57 No.138	100	µg/L	17-Jan-94	WAC 173-200
Endrin	72-20-8	2	µg/L	17-Jan-94	40 CFR 141	0.2	µg/L	01-Dec-90	WAC 173-200
Ethylbenzene	100-41-4	700	µg/L	30-Jul-92	FR v. 56 No. 20	700	µg/L	30-Jul-92	WAC 173-200
Ethylene dibromide c	106-93-4	0.05	µg/L	30-Jul-92	FR v. 56 No. 20	0.001	µg/L	01-Dec-90	WAC 173-200
Glyphosate	1071-83-6	70	µg/L	17-Jan-94	FR v. 57 No.138	70	µg/L	17-Jan-94	WAC 173-200
Heptachlor c	76-44-8	0.4	µg/L	30-Jul-92	FR v. 56 No. 20	0.02	µg/L	01-Dec-90	WAC 173-200
Heptachlor epoxide c	1024-57-3	0.2	µg/L	30-Jul-92	FR v. 56 No. 20	0.009	µg/L	01-Dec-90	WAC 173-200
Hexachlorobenzene	118-74-1	1	µg/L	17-Jan-94	FR v. 57 No.138	0.05	µg/L	01-Dec-90	WAC 173-200
Hexachlorocyclopentadiene (HEX)	77-47-4	50	µg/L	17-Jan-94	FR v. 57 No.138	50	µg/L	17-Jan-94	WAC 173-200
Lindane c	58-89-9	0.2	µg/L	30-Jul-92	FR v. 56 No. 20	0.06	µg/L	01-Dec-90	WAC 173-200

Water Quality Standards

Analyte	CAS No.	National Drinking Water Regulation MCL		Eff. Date	Ref.	Washington State Groundwater Quality Criteria Criterion*		Eff. Date	Ref.
Methoxychlor	72-43-5	40	µg/L	30-Jul-92	FR v. 56 No. 20	40	µg/L	30-Jul-92	WAC 173-200
Methylene Chloride c	75-09-2	5	µg/L	17-Jan-94	FR v. 57 No.138	5	µg/L	17-Jan-94	WAC 173-200
Oxamyl (vydate)	23135-22-0	200	µg/L	17-Jan-94	FR v. 57 No.138	200	µg/L	17-Jan-94	WAC 173-200
PAHs [Benzo(a)pyrene]		0.2	µg/L	17-Jan-94	FR v. 57 No.138	0.01	µg/L	17-Jan-94	WAC 173-200
PCBs c	27323-18-8	0.5	µg/L	30-Jul-92	FR v. 56 No. 20	0.01	µg/L	01-Dec-90	WAC 173-200
Pentachlorophenol	87-86-5	1	µg/L	1-Jan-93	FR v. 56 No. 126	1	µg/L	01-Jan-93	WAC 173-200
Picloram	1918-02-1	500	µg/L	17-Jan-94	FR v. 57 No.138	500	µg/L	17-Jan-94	WAC 173-200
Simazine	122-34-9	4	µg/L	17-Jan-94	FR v. 57 No.138	4	µg/L	17-Jan-94	WAC 173-200
Styrene	100-42-5	100	µg/L	30-Jul-92	FR v. 56 No. 20	100	µg/L	30-Jul-92	WAC 173-200
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	3E-05	µg/L	17-Jan-94	FR v. 57 No.138	0.0000006	µg/L	01-Dec-90	WAC 173-200
Tetrachloroethylene c	127-18-4	5	µg/L	30-Jul-92	FR v. 56 No. 20	0.8	µg/L	30-Jul-92	WAC 173-200
Toluene	108-88-3	1000	µg/L	30-Jul-92	FR v. 56 No. 20	1000	µg/L	30-Jul-92	WAC 173-200
Total Trihalomethanes c	75-27-4, 75-25-2, 124-48-1, 67-66-3	100	µg/L	29-Nov-79	40 CFR 141	--	--	--	--
Toxaphene c	8001-35-2	3	µg/L	30-Jul-92	FR v. 56 No. 20	0.08	µg/L	01-Dec-90	WAC 173-200
2,4,5-TP	93-72-1	50	µg/L	30-Jul-92	FR v. 56 No. 20	10	µg/L	01-Dec-90	WAC 173-200
1,2,4-Trichlorobenzene	120-82-1	70	µg/L	17-Jan-94	FR v. 57 No.138	70	µg/L	17-Jan-94	WAC 173-200
1,1,1-Trichloroethane	71-55-6	200	µg/L	9-Jan-89	40 CFR 141	200	µg/L	01-Dec-90	WAC 173-200
1,1,2-Trichloroethane	79-00-5	5	µg/L	17-Jan-94	FR v. 57 No.138	5	µg/L	17-Jan-94	WAC 173-200
Trichloroethylene (TCE) c	79-01-6	5	µg/L	9-Jan-89	40 CFR 141	3	µg/L	01-Dec-90	WAC 173-200
Vinyl chloride c	75-01-4	2	µg/L	9-Jan-89	40 CFR 141	0.02	µg/L	01-Dec-90	WAC 173-200
Xylenes (total)	1330-20-7	10000	µg/L	30-Jul-92	FR v. 56 No. 20	10000	µg/L	30-Jul-92	WAC 173-200
C. Radionuclides and Radioactivity									
Radium 226 & Radium 228		5	pCi/L	9-Jul-76	FR v. 41 No. 133	5	pCi/L	01-Dec-90	WAC 173-200
Radium 226	13982-63-3	--				3	pCi/L	01-Dec-90	WAC 173-200
Radium 228	15262-20-1	--				5	pCi/L	01-Dec-90	WAC 173-200
Gross Alpha particle activity		15	pCi/L	9-Jul-76	FR v. 41 No. 133	15	pCi/L	01-Dec-90	WAC 173-200
Tritium	10028-17-8	20,000	pCi/L	9-Jul-76	FR v. 41 No. 133	20,000	pCi/L	01-Dec-90	WAC 173-200
Strontium	7440-24-6	8	pCi/L	9-Jul-76	FR v. 41 No. 133	8	pCi/L	01-Dec-90	WAC 173-200
Gross Beta particle activity		50	pCi/L	9-Jul-76	FR v. 41 No. 133	50	pCi/L	01-Dec-90	WAC 173-200
D. Additional Carcinogens Listed in Groundwater Criteria									
Acrylamide	79-06-1	--				0.02	µg/L	01-Dec-90	WAC 173-200
Acrylonitrile	107-13-1	--				0.07	µg/L	01-Dec-90	WAC 173-200
Aldrin	309-00-2	--				0.005	µg/L	01-Dec-90	WAC 173-200
Aniline	62-53-3	--				14	µg/L	01-Dec-90	WAC 173-200
Aramite	140-57-8	--				3	µg/L	01-Dec-90	WAC 173-200
Azobenzene	103-33-3	--				0.7	µg/L	01-Dec-90	WAC 173-200
Benzidine	92-87-5	--				0.0004	µg/L	01-Dec-90	WAC 173-200
Benzo(a)pyrene	50-32-8	--				0.008	µg/L	01-Dec-90	WAC 173-200
Benzotrichloride	98-07-7	--				0.007	µg/L	01-Dec-90	WAC 173-200
Benzyl chloride	100-44-7	--				0.5	µg/L	01-Dec-90	WAC 173-200
Bis(chloroethyl)ether	111-44-4	--				0.07	µg/L	01-Dec-90	WAC 173-200
Bis(chloromethyl)ether	542-88-1	--				0.0004	µg/L	01-Dec-90	WAC 173-200
Carbazole	86-74-8	--				5	µg/L	01-Dec-90	WAC 173-200
4-Chloro-2-methyl analine	95-69-2	--				0.1	µg/L	01-Dec-90	WAC 173-200
4-Chloro-2-methyl analine hydrochloride	3165-93-3	--				0.2	µg/L	01-Dec-90	WAC 173-200
o-Chloronitrobenzene	88-73-3	--				3	µg/L	01-Dec-90	WAC 173-200
p-Chloronitrobenzene	100-00-5	--				5	µg/L	01-Dec-90	WAC 173-200
Chlorthalonil	1897-45-6	--				30	µg/L	01-Dec-90	WAC 173-200
Diallate	2303-16-4	--				1	µg/L	01-Dec-90	WAC 173-200
DDT (includes DDE and DDD)	50-29-3, 72-55-9, 72-54-8	--				0.3	µg/L	01-Dec-90	WAC 173-200
1,2-Dibromomethane	106-93-4	--				0.001	µg/L	01-Dec-90	WAC 173-200
3,3'-Dichlorobenzidine	91-94-1	--				0.2	µg/L	01-Dec-90	WAC 173-200
Dichlorovos	62-73-7	--				0.3	µg/L	01-Dec-90	WAC 173-200
Dieldrin	60-57-1	--				0.005	µg/L	01-Dec-90	WAC 173-200
3,3'-Dimethoxybenzidine	119-90-4	--				6.0	µg/L	01-Dec-90	WAC 173-200
3,3-Dimethylbenzidine	119-93-7	--				0.007	µg/L	01-Dec-90	WAC 173-200
1,2-Dimethylhydrazine	540-73-8	--				60	µg/L	01-Dec-90	WAC 173-200
2,4-Dinitrotoluene	121-14-2	--				0.1	µg/L	01-Dec-90	WAC 173-200
2,6-Dinitrotoluene	606-20-2	--				0.1	µg/L	01-Dec-90	WAC 173-200
1,4-Dioxane	123-91-1	--				7	µg/L	01-Dec-90	WAC 173-200
1,2-Diphenylhydrazine	122-66-7	--				0.09	µg/L	01-Dec-90	WAC 173-200

Water Quality Standards

Analyte	CAS No.	National Drinking Water Regulation MCL	Eff. Date	Ref.	Washington State Groundwater Quality Criteria Criterion*	Eff. Date	Ref.
Direct Black 38	1937-37-7	--			0.009 µg/L	01-Dec-90	WAC 173-200
Direct Blue 6	2602-46-2	--			0.009 µg/L	01-Dec-90	WAC 173-200
Direct Brown 95	16071-86-6	--			0.009 µg/L	01-Dec-90	WAC 173-200
Epichlorohydrin	106-89-8	--			8 µg/L	01-Dec-90	WAC 173-200
Ethyl acrylate	140-88-5	--			2 µg/L	01-Dec-90	WAC 173-200
Ethylene thiourea	96-45-7	--			2 µg/L	01-Dec-90	WAC 173-200
Folpet	133-07-3	--			20 µg/L	01-Dec-90	WAC 173-200
Furazolidone	67-45-8	--			0.02 µg/L	01-Dec-90	WAC 173-200
Furium	531-82-8	--			0.002 µg/L	01-Dec-90	WAC 173-200
Furmecyclox	60568-05-0	--			3 µg/L	01-Dec-90	WAC 173-200
Hexachlorocyclohexane (alpha)	319-84-6	--			0.001 µg/L	01-Dec-90	WAC 173-200
Hexachlorocyclohexane (technical)	608-73-1	--			0.05 µg/L	01-Dec-90	WAC 173-200
Hexachlorodibenzo-p-dioxin, mix	34465-46-8	--			0.00001 µg/L	01-Dec-90	WAC 173-200
Hydrazine/hydrazine sufate	302-01-2/10034-93-2	--			0.03 µg/L	01-Dec-90	WAC 173-200
2-Methoxy-5-nitroanaline	99-59-2	--			2.0 µg/L	01-Dec-90	WAC 173-200
2-Methylaniline	95-53-4	--			0.2 µg/L	01-Dec-90	WAC 173-200
2-Methylaniline hydrochloride	636-21-5	--			0.5 µg/L	01-Dec-90	WAC 173-200
4,4'-Methylene bis(N,N'-dimethyl) aniline	101-61-1	--			2.0 µg/L	01-Dec-90	WAC 173-200
Mirex	2385-85-5	--			0.05 µg/L	01-Dec-90	WAC 173-200
Nitrofurazone	59-87-0	--			0.06 µg/L	01-Dec-90	WAC 173-200
N-Nitrosodiethanolamine	1116-54-7	--			0.03 µg/L	01-Dec-90	WAC 173-200
N-Nitrosodiethylamine	55-18-5	--			0.0005 µg/L	01-Dec-90	WAC 173-200
N-Nitrosodimethylamine	62-75-9	--			0.002 µg/L	01-Dec-90	WAC 173-200
N-Nitrosodiphenylamine	86-30-6	--			17.0 µg/L	01-Dec-90	WAC 173-200
N-Nitroso-di-n-propylamine	621-64-7	--			0.01 µg/L	01-Dec-90	WAC 173-200
N-Nitrosopyrrolidine	930-55-2	--			0.04 µg/L	01-Dec-90	WAC 173-200
N-Nitroso-di-n-butylamine	924-16-3	--			0.02 µg/L	01-Dec-90	WAC 173-200
N-Nitroso-N-methylethylylamine	10595-95-6	--			0.004 µg/L	01-Dec-90	WAC 173-200
PBBs	59536-65-1	--			0.01 µg/L	01-Dec-90	WAC 173-200
o-Phenylenediamine	95-54-5	--			0.005 µg/L	01-Dec-90	WAC 173-200
Propylene oxide	75-56-9	--			0.01 µg/L	01-Dec-90	WAC 173-200
p,a,a,a-Tetrachlorotoluene	5216-25-1	--			0.004 µg/L	01-Dec-90	WAC 173-200
2,4-Toluenediamine	95-80-7	--			0.002 µg/L	01-Dec-90	WAC 173-200
o-Toluidine	95-53-4	--			0.2 µg/L	01-Dec-90	WAC 173-200
2,4,6-Trichlorophenol	88-06-2	--			4.0 µg/L	01-Dec-90	WAC 173-200
Trimethyl phosphate	512-56-1	--			2.0 µg/L	01-Dec-90	WAC 173-200
Secondary Standards							
Aluminum	7429-90-5	0.05-0.2 mg/L	30-Jul-92	FR v. 56 No. 20	0.05-0.2 mg/L	30-Jul-92	WAC 173-200
Copper	7440-50-8	1.0 mg/L	7-Dec-92	FR v. 57 No. 125	1.0 mg/L	01-Dec-90	WAC 173-200
Iron	7439-89-6	0.3 mg/L	2-Apr-86	40 CFR 143	0.3 mg/L	01-Dec-90	WAC 173-200
Manganese	7439-96-5	0.05 mg/L	2-Apr-86	40 CFR 143	50 ug/L	01-Dec-90	WAC 173-200
Color		15 units	2-Apr-86	40 CFR 143	15 units	01-Dec-90	WAC 173-200
pH	12408-02-5	6.5-8.5 units	2-Apr-86	40 CFR 143	6.5-8.5 units	01-Dec-90	WAC 173-200
Specific Conductivity		--			700 µS/cm		WAC 246-290
Total Dissolved Solids		500 mg/L	2-Apr-86	40 CFR 143	500 mg/L	01-Dec-90	WAC 173-200
Chloride	16887-00-6	250 mg/L	2-Apr-86	40 CFR 143	250 mg/L	01-Dec-90	WAC 173-200
Fluoride	16984-48-8	2.0 mg/L	2-Apr-86	40 CFR 143	p		
Silver	7440-22-4	0.1 mg/L	30-Jul-92	FR v. 56 No. 20	p		
Sulfate	14808-79-8	250 mg/L	2-Apr-86	40 CFR 143	250 mg/L	01-Dec-90	WAC 173-200
Surfactants		0.5 mg/L	2-Apr-86	40 CFR 143	0.5 mg/L	01-Dec-90	WAC 173-200
Corrosivity		non-corrosive	2-Apr-86	40 CFR 143	non-corrosive	01-Dec-90	WAC 173-200
Odor-Threshold		3 units	2-Apr-86	40 CFR 143	3 units	01-Dec-90	WAC 173-200
Zinc	7440-66-6	5.0 mg/L	2-Apr-86	40 CFR 143	5.0 mg/L	01-Dec-90	WAC 173-200

NOTES:

p = Listed as a primary standard

c = Listed as a carcinogen in the Washington State Groundwater Quality Criteria

-- = no standard established

* = Criteria shall be the most stringent concentration of the Federal MCLG, MCL, or State MCL

** = treatment technique in lieu of an MCL

*** = A Drinking Water Advisory, not an enforceable standard.

National Primary and Secondary Drinking Water Regulations (40 CFR Parts 141 and 143)

Washington State Groundwater Quality Criteria = Water Quality Standards for Groundwaters of the State of Washington (WAC 173-200)

mg/L = milligrams per liter

mf/L = million fibers per liter

mL = milliliter

NTU = Nephelometric Turbidity Unit

µg/L = micrograms per liter

pCi/L = per liter

µS/cm = microSiemen per centimeter

units = standard unit for either color, pH, or odor

MCL = Maximum Contaminant Level

MCLG = Maximum Contaminant Level Goal

Compiled by KCSWD 01/12/1994. Revised 3/15/2023

APPENDIX F

Groundwater Quality Exceedance
And
VOC Detection Reports

Table F-1
Shallow Aquifer: Summary of Groundwater Quality Criteria Exceedances
October 01, 2023 to September 30, 2024

Parameter	Units	Well	Sample Date	Sample Value	Regulatory Standard	Regulatory Limit
pH, Field	pH units	MW-1	11/21/2023	5.80		
		MW-1	02/21/2024	5.93		
		MW-1	05/23/2024	5.61		
		MW-1	08/19/2024	5.91		
		MW-4	11/27/2023	5.76		
		MW-4	02/21/2024	5.21		
		MW-4	05/23/2024	5.67		
		MW-4	08/19/2024	5.19		
		MW-6	11/28/2023	6.36		
		MW-10	11/21/2023	6.17		
		MW-10	02/22/2024	5.65		
		MW-10	05/28/2024	6.27		
		MW-10	08/19/2024	6.39	MCL2; SGWC2	< 6.5
		MW-11	11/21/2023	5.80		
		MW-11	02/22/2024	5.91		
		MW-11	05/28/2024	5.55		
		MW-11	08/20/2024	5.94		
		MW-18	11/21/2023	5.80		
		MW-18	02/22/2024	5.77		
		MW-18	05/28/2024	5.99		
		MW-18	08/19/2024	5.44		
		MW-26	11/27/2023	5.81		
		MW-26	02/22/2024	5.80		
		MW-26	05/30/2024	5.91		
		MW-26	08/21/2024	5.46		
Arsenic, Total	µg/L	MW-1	11/21/2023	0.388		
		MW-1	02/21/2024	1.10		
		MW-1	05/23/2024	0.724		
		MW-1	08/19/2024	0.447		
		MW-4	11/27/2023	0.065		
		MW-4	02/21/2024	0.128		
		MW-4	05/23/2024	0.150		
		MW-4	08/19/2024	0.088		
		MW-6	11/28/2023	0.299		
		MW-6	02/22/2024	0.321		
		MW-6	05/30/2024	0.313		
		MW-6	08/19/2024	0.321		
		MW-10	11/21/2023	4.11		
		MW-10	02/22/2024	4.18		
		MW-10	05/28/2024	3.64	SGWC1	0.05
		MW-10	08/19/2024	3.23		
		MW-11	11/21/2023	0.063		
		MW-11	02/22/2024	0.058		
		MW-11	05/28/2024	0.069		
		MW-11	08/20/2024	0.101		
		MW-18	11/21/2023	0.175		
		MW-18	02/22/2024	0.184		
		MW-18	05/28/2024	0.183		
		MW-18	08/19/2024	0.181		
		MW-26	11/27/2023	0.119		
		MW-26	02/22/2024	0.073		
		MW-26	05/30/2024	0.094		
		MW-26	08/21/2024	0.101		

Table F-1
Shallow Aquifer: Summary of Groundwater Quality Criteria Exceedances
October 01, 2023 to September 30, 2024

Parameter	Units	Well	Sample Date	Sample Value	Regulatory Standard	Regulatory Limit
Arsenic, Dissolved	µg/L	MW-1	11/21/2023	0.100	SGWC1	0.05
		MW-1	02/21/2024	0.075		
		MW-1	05/23/2024	0.081		
		MW-1	08/19/2024	0.143		
		MW-4	08/19/2024	0.056		
		MW-6	11/28/2023	0.286		
		MW-6	02/22/2024	0.331		
		MW-6	05/30/2024	0.306		
		MW-6	08/19/2024	0.311		
		MW-10	11/21/2023	3.73		
		MW-10	02/22/2024	3.54		
		MW-10	05/28/2024	2.77		
		MW-10	08/19/2024	2.97		
		MW-11	11/21/2023	0.066		
		MW-11	02/22/2024	0.061		
		MW-11	05/28/2024	0.064		
		MW-11	08/20/2024	0.098		
		MW-18	11/21/2023	0.164		
		MW-18	02/22/2024	0.170		
		MW-18	05/28/2024	0.163		
		MW-18	08/19/2024	0.173		
		MW-26	11/27/2023	0.072		
		MW-26	02/22/2024	0.066		
		MW-26	05/30/2024	0.073		
		MW-26	08/21/2024	0.060		
Iron, Total	mg/L	MW-1	02/21/2024	1.56	MCL2; SGWC2	0.3
		MW-1	05/23/2024	0.722		
		MW-1	08/19/2024	0.433		
		MW-1	11/21/2023	0.353		
		MW-10	11/21/2023	3.58		
		MW-10	02/22/2024	2.82		
		MW-10	05/28/2024	2.47		
		MW-10	08/19/2024	2.93		
Iron, Dissolved	mg/L	MW-10	11/21/2023	3.70	MCL2; SGWC2	0.3
		MW-10	02/22/2024	2.68		
		MW-10	05/28/2024	2.34		
		MW-10	08/19/2024	2.88		
Manganese, Total	µg/L	MW-1	02/21/2024	731	MCL2; SGWC2	50[1]; 50
		MW-1	05/23/2024	705		
		MW-1	08/19/2024	1140 D		
		MW-10	11/21/2023	402		
		MW-10	02/22/2024	298		
		MW-10	05/28/2024	263		
		MW-10	08/19/2024	318		
Manganese, Dissolved	µg/L	MW-1	02/21/2024	699 D	MCL2; SGWC2	50[1]; 50
		MW-1	05/23/2024	680		
		MW-1	08/19/2024	1140 D		
		MW-10	11/21/2023	408		
		MW-10	02/22/2024	321		
		MW-10	05/28/2024	268		
		MW-10	08/19/2024	321		

[1]MCL2 for manganese is 0.05 mg/L. Converted standards to µg/L in the table.
MCL2 = National Secondary Drinking Water Regulation Maximum Contaminant Level.
SGWC1 = Washington State Primary Groundwater Quality Criteria.
SGWC2 = Washington State Secondary Groundwater Quality Criteria.
Natural background for arsenic in the Puget Sound Basin is 8 µg/L (Ecology, 2022).
See Appendix A for Data Qualifier Information and Unit Definitions

Table F-2
Deep Aquifer: Summary of Groundwater Quality Criteria Exceedances
October 01, 2023 to September 30, 2024

Parameter	Units	Well	Sample Date	Sample Value	Regulatory Standard	Regulatory Limit
Arsenic, Total	µg/L	MW-3	11/27/2023	0.212	SGWC1	0.05
		MW-3	02/21/2024	0.208		
		MW-3	05/23/2024	0.220		
		MW-3	08/19/2024	0.227		
		MW-7	11/21/2023	0.274		
		MW-7	02/21/2024	0.236		
		MW-7	05/23/2024	0.249		
		MW-7	08/19/2024	0.253		
		MW-25	11/21/2023	1.05		
		MW-25	02/22/2024	1.05		
		MW-25	05/28/2024	1.02		
		MW-25	08/20/2024	1.08		
Arsenic, Dissolved	µg/L	MW-3	11/27/2023	0.214	SGWC1	0.05
		MW-3	02/21/2024	0.203		
		MW-3	05/23/2024	0.212		
		MW-3	08/19/2024	0.215		
		MW-7	11/21/2023	0.278		
		MW-7	02/21/2024	0.246		
		MW-7	05/23/2024	0.239		
		MW-7	08/19/2024	0.245		
		MW-25	11/21/2023	1.05		
		MW-25	02/22/2024	1.05		
		MW-25	05/28/2024	1.02		
		MW-25	08/20/2024	1.09		
Manganese, Total	µg/L	MW-3	11/27/2023	72.30	MCL2; SGWC2	50[1]; 50
		MW-3	02/21/2024	67.00		
		MW-3	05/23/2024	70.90		
		MW-3	08/19/2024	72.90		
Manganese, Dissolved	µg/L	MW-3	11/27/2023	72.30	MCL2; SGWC2	50[1]; 50
		MW-3	02/21/2024	73.30		
		MW-3	05/23/2024	70.00		
		MW-3	08/19/2024	72.80		

[1]MCL2 for manganese is 0.05 mg/L. Converted standards to µg/L in the table.
MCL2 = National Secondary Drinking Water Regulation Maximum Contaminant Level.
SGWC1 = Washington State Primary Groundwater Quality Criteria.
SGWC2 = Washington State Secondary Groundwater Quality Criteria.
Natural background for arsenic in the Puget Sound Basin is 8 µg/L (Ecology, 2022).
See Appendix A for Data Qualifier Information and Unit Definitions

Table F-3
Shallow Aquifer: Summary of VOC Detections
October 01, 2023 to September 30, 2024

Parameter	Units	Well	Sample Date	Sample Value
No detections.				

Table F-4
Deep Aquifer: Summary of VOC Detections
October 01, 2023 to September 30, 2024

Parameter	Units	Well	Sample Date	Sample Value
Dichlorodifluoromethane	µg/L	MW-3	11/27/2023	0.167 LT
		MW-25	02/22/2024	0.316
		MW-25	05/28/2024	0.257
		MW-25	08/20/2024	0.397
		MW-25	11/21/2023	0.547 L

See Appendix A for Data Qualifier Information and Unit Definitions

Table F-5
Summary of Trip, Field, and Method Blanks Volatile Organic Compound Detections
October 01, 2023 to September 30, 2024

Parameter	Units	Sample ID	Date	Sample Value
No detections.				

Summary of field blank volatile organic compound detections

Parameter	Units	Sample ID	Date	Sample Value
Chloroform	µg/L	WH-1240523F	5/23/2024	2.04
		WH18240819F	8/19/2024	0.18

Summary of method blank volatile organic compound detections

Parameter	Units	Workgroup ID	Date	Sample Value
No detections.				

APPENDIX G

Landfill Gas Data

Landfill Gas Monitoring Data

October 2023 to September 2024

Location ID	Sample Date	CH4 (% Vol)	CO2 (% Vol)	O2 (% Vol)	CH4 (% LEL)	Static Pressure (in. H20)
AMB-1	10/30/2023	0	0.2	20.40	0	0.02
AMB-1	1/11/2024	0	0.1	20.60	0	0.00
AMB-1	4/9/2024	0	0.1	21.00	0	0.04
AMB-1	7/11/2024	0	0.1	20.70	0	0.04
AMB-2	10/30/2023	0	0.1	20.50	0	0.01
AMB-2	1/11/2024	0	0.1	20.70	0	-0.03
AMB-2	4/9/2024	0	0.1	20.80	0	0.06
AMB-2	7/11/2024	0	0.1	20.70	0	0.04
AMB-3	10/30/2023	0	0.2	20.70	0	0.02
AMB-3	1/11/2024	0	0.2	20.60	0	0.03
AMB-3	4/9/2024	0	0.1	20.80	0	0.06
AMB-3	7/11/2024	0	0.0	20.90	0	0.00
AMB-4	10/30/2023	0	0.1	20.70	0	0.03
AMB-4	1/11/2024	0	0.1	20.50	0	0.01
AMB-4	4/9/2024	0	0.1	21.00	0	0.05
AMB-4	7/11/2024	0	0.0	20.90	0	0.00
AMB-5	10/30/2023	0	0.1	20.60	0	-0.05
AMB-5	1/11/2024	0	0.1	20.50	0	0.03
AMB-5	4/9/2024	0	0.1	20.70	0	0.03
AMB-5	7/11/2024	0	0.0	21.00	0	-0.02
AMB-6	10/30/2023	0	0.1	20.40	0	0.01
AMB-6	1/11/2024	0	0.1	20.50	0	0.01
AMB-6	4/9/2024	0	0.1	21.10	0	0.04
AMB-6	7/11/2024	0	0.1	20.70	0	0.00
AMB-7	10/30/2023	0	0.1	20.50	0	0.02
AMB-7	1/11/2024	0	0.1	20.60	0	0.00
AMB-7	4/9/2024	0	0.1	20.90	0	0.02
AMB-7	7/11/2024	0	0.0	20.60	0	-0.01
AMB-8	10/30/2023	0	0.1	20.40	0	-0.02
AMB-8	1/11/2024	0	0.1	20.60	0	0.02
AMB-8	4/9/2024	0	0.0	20.90	0	0.05
AMB-8	7/11/2024	0	0.0	20.70	0	0.03
GP-1	10/30/2023	0	1.0	19.60	0	-0.04
GP-1	11/2/2023	0	2.0	18.60	0	-0.01
GP-1	12/7/2023	0	1.6	19.70	0	-0.02
GP-1	1/11/2024	0	0.7	20.30	0	-0.01
GP-1	2/1/2024	0	1.5	19.30	0	-0.15
GP-1	3/7/2024	0	0.8	20.50	0	0.02
GP-1	4/9/2024	0	1.5	19.90	0	0.15
GP-1	5/14/2024	0	1.5	19.40	0	-0.07
GP-1	6/6/2024	0	1.6	19.00	0	-0.01
GP-1	7/11/2024	0	1.2	19.70	0	0.04
GP-1	8/1/2024	0	0.9	19.30	0	0.01
GP-1	9/19/2024	0	1.5	19.40	0	0.05

Landfill Gas Monitoring Data

October 2023 to September 2024

Location ID	Sample Date	CH4 (% Vol)	CO2 (% Vol)	O2 (% Vol)	CH4 (% LEL)	Static Pressure (in. H20)
GP-2	10/30/2023	0	1.8	19.50	0	0.04
GP-2	11/2/2023	0	1.6	19.40	0	-0.03
GP-2	12/7/2023	0	1.2	19.80	0	-0.05
GP-2	1/11/2024	0	0.8	19.90	0	0.04
GP-2	2/1/2024	0	1.0	19.50	0	-0.12
GP-2	3/7/2024	0	1.1	19.70	0	0.00
GP-2	4/9/2024	0	1.1	20.20	0	0.07
GP-2	5/14/2024	0	1.7	19.50	0	-0.06
GP-2	6/6/2024	0	1.8	18.80	0	0.04
GP-2	7/11/2024	0	1.6	19.60	0	0.02
GP-2	8/1/2024	0	1.0	19.20	0	0.01
GP-2	9/19/2024	0	1.5	19.60	0	0.02
GP-3	10/30/2023	0	1.2	19.60	0	0.02
GP-3	11/2/2023	0	0.8	20.30	0	-0.04
GP-3	12/7/2023	0	0.7	20.00	0	-0.02
GP-3	1/11/2024	0	0.4	20.00	0	-0.04
GP-3	2/1/2024	0	0.1	20.30	0	-0.09
GP-3	3/7/2024	0	0.3	20.50	0	-0.01
GP-3	4/9/2024	0	0.6	20.40	0	0.05
GP-3	5/14/2024	0	0.7	20.00	0	-0.07
GP-3	6/6/2024	0	1.0	19.40	0	0.01
GP-3	7/11/2024	0	1.3	20.00	0	0.04
GP-3	8/1/2024	0	0.9	19.30	0	0.01
GP-3	9/19/2024	0	1.1	19.90	0	0.03
GP-4	10/30/2023	0	1.8	19.10	0	0.02
GP-4	11/2/2023	0	1.4	19.50	0	-0.07
GP-4	12/7/2023	0	1.1	20.00	0	0.00
GP-4	1/11/2024	0	0.9	19.20	0	0.00
GP-4	2/1/2024	0	0.6	19.60	0	-0.07
GP-4	3/7/2024	0	0.5	20.40	0	0.00
GP-4	4/9/2024	0	1.2	19.80	0	0.08
GP-4	5/14/2024	0	1.3	19.60	0	-0.03
GP-4	6/6/2024	0	1.6	18.80	0	0.00
GP-4	7/11/2024	0	1.5	19.60	0	-0.01
GP-4	8/1/2024	0	1.1	19.00	0	0.01
GP-4	9/19/2024	0	1.7	19.40	0	0.05
GP-5	10/30/2023	0	1.3	19.40	0	0.02
GP-5	11/2/2023	0	1.2	19.50	0	-0.46
GP-5	12/7/2023	0	1.4	19.00	0	-0.02
GP-5	1/11/2024	0	1.2	19.90	0	0.03
GP-5	2/1/2024	0	1.0	19.60	0	-0.11
GP-5	3/7/2024	0	0.7	20.30	0	-0.08
GP-5	4/9/2024	0	1.0	19.90	0	0.21
GP-5	5/14/2024	0	1.0	20.10	0	-0.03
GP-5	6/6/2024	0	1.0	19.70	0	0.02
GP-5	7/11/2024	0	0.8	20.30	0	-0.13
GP-5	8/1/2024	0	0.5	19.50	0	0.00
GP-5	9/19/2024	0	1.2	19.80	0	0.10

Landfill Gas Monitoring Data

October 2023 to September 2024

Location ID	Sample Date	CH4 (% Vol)	CO2 (% Vol)	O2 (% Vol)	CH4 (% LEL)	Static Pressure (in. H20)
GP-6	10/30/2023	0	3.0	17.90	0	0.04
GP-6	11/2/2023	0	2.9	17.50	0	0.01
GP-6	12/7/2023	0	2.7	17.40	0	-0.03
GP-6	1/11/2024	0	2.2	18.90	0	0.03
GP-6	2/1/2024	0	2.3	18.20	0	-0.09
GP-6	3/7/2024	0	1.7	18.20	0	0.03
GP-6	4/9/2024	0	2.3	19.10	0	0.04
GP-6	5/14/2024	0	2.2	18.20	0	-0.01
GP-6	6/6/2024	0	2.2	18.20	0	0.07
GP-6	7/11/2024	0	2.4	19.10	0	-0.14
GP-6	8/1/2024	0	1.6	18.70	0	-0.04
GP-6	9/19/2024	0	2.3	18.20	0	0.02
GP-8	10/30/2023	0	1.7	19.70	0	-0.66
GP-8	11/2/2023	0	1.9	19.30	0	0.01
GP-8	12/7/2023	0	1.0	19.70	0	0.04
GP-8	1/11/2024[1]	NA	NA	NA	NA	NA
GP-8	2/1/2024[1]	NA	NA	NA	NA	NA
GP-8	3/7/2024[1]	NA	NA	NA	NA	NA
GP-8	4/9/2024	0	2.0	18.70	0	-8.76
GP-8	5/14/2024	0	2.8	18.60	0	-6.86
GP-8	6/6/2024	0	3.3	17.30	0	0.05
GP-8	7/11/2024	0	0.7	20.40	0	0.01
GP-8	8/1/2024	0	0.5	19.70	0	0.01
GP-8	9/19/2024	0	1.1	19.70	0	0.04
GP-9	10/30/2023	0	1.6	19.30	0	0.06
GP-9	11/2/2023	0	1.3	19.20	0	-0.03
GP-9	12/7/2023	0	1.1	17.50	0	-0.04
GP-9	1/11/2024	0	1.1	19.40	0	0.03
GP-9	2/1/2024	0	0.7	19.70	0	-0.09
GP-9	3/7/2024	0	0.7	20.30	0	-0.01
GP-9	4/9/2024	0	0.9	19.90	0	0.02
GP-9	5/14/2024	0	0.9	19.80	0	-0.05
GP-9	6/6/2024	0	1.2	19.00	0	0.01
GP-9	7/11/2024	0	0.1	20.80	0	0.03
GP-9	8/1/2024	0	0.8	19.40	0	0.05
GP-9	9/19/2024	0	1.1	19.80	0	0.04

[1] No reading due to water at GP-8.

APPENDIX H

Financial Assurance

Post Closure Maintenance Financial Assurance Update for Hobart Landfill

BACKGROUND

Hobart Landfill was operated and closed under WAC 173-304 and meets the requirement of WAC 173-304-467 (1)(b)(ii) as a publicly owned municipal solid waste landfill that accepted waste from the general public.

WAC 173-304-467 (4) requires each owner or operator to prepare a written post-closure cost estimate as part of the facility post-closure plan. The post-closure cost estimate shall be in current dollars and represent the total cost of completing post-closure activities for the facility for at least a twenty-year post-closure period in accordance with the post-closure requirements in WAC 173-304-407. The post-closure cost estimate shall be based on a reasonable cost estimate for completing post-closure monitoring, maintenance, and other activities identified in the approved facility post-closure plan as required under WAC 173-304-407. The post-closure plan shall project annual or other intervals for withdrawal of post-closure funds from the post-closure financial assurance instrument to complete the activities identified in the approved post-closure plan.

WAC 173-304 requires, during the post-closure care twenty-year period, whenever there is a change in the post-closure plan and/or cost of post-closure care; or the jurisdictional health department directs the owner or operator to revise the post-closure plan or post-closure cost estimate, an update to the post closure cost estimate will be performed.

Although the landfill closed in 1995 and has exceeded the 20-year period, Section 1.E of the 2024 Post-Closure Care and Maintenance Permit for Hobart Landfill requires a report which includes maintenance costs, the post closure maintenance balance, accounts for any increased planned maintenance, and a report on the audit of the reserve account. Per WAC 173-304-467(6)(c), the closure reserve account, which was the Landfill Reserve Fund, shall be audited according to the audit schedule of the office of state auditor and shall be filed with the department of ecology, including each of the post-closure care years. Currently, we are not aware of any audit findings for the Landfill Reserve Fund or the Post Closure Maintenance Fund to report to Health or Ecology.

FINANCIAL ASSURANCE ACCOUNT FOR POST-CLOSURE

During the operation of the landfill a reserve account, Landfill Reserve Fund, receives a percentage of the operating revenue annually. When the landfill closes the funds for that landfill are transferred to the post closure maintenance account, in the case of Hobart Landfill that was the Post Closure Maintenance Fund.

The financial assurance account for post-closure was established for Hobart Landfill with a separate cost center in the Post Closure Maintenance Fund by transferring from the Landfill Reserve Fund an amount equal to the post-closure cost estimate prepared in 1994 in compliance with WAC 173-304. The amount was twenty years of the annual estimate. King County is a municipal corporation, and the post-closure reserve, Post Closure Maintenance Fund Hobart account, is cash accumulated and restricted for post-closure with an equivalent amount of fund balance reserved in the fund accounting for planned maintenance activities. The purpose and use of the Post Closure Maintenance Fund is for post-closure activities as identified in the approved post-closure plan. Since the twenty-year period has expired for Hobart Landfill, additional cash is transferred annually to replace the annual expenditures.

PURPOSE

This document is intended to fulfill Section 1.E of the Hobart Post-Closure Care and Maintenance Permit and provides a report on maintenance costs, the post closure maintenance balance, and accounts for any increased planned maintenance. This document is not an audit of the account. The audit must be performed by the State and requested by Ecology.

MAJOR PCM ELEMENTS

The annual maintenance costs for the environmental control systems at the site include the landfill gas collection system, the cover system, and the groundwater monitoring network.

- Cover Maintenance & General Site Maintenance
- Stormwater System Maintenance
- Landfill Gas System Maintenance
- Environmental Monitoring
- Electrical Utilities
- Permits
- Reporting

ORIGINAL COST ESTIMATE

The summary of costs is provided in the table below.

MAJOR ELEMENTS	**SUBTOTALS**
Ground Water Monitoring	$112,917
Surface Water Monitoring	$9,892
Leachate Monitoring	$9,268
Leachate Pre-treatment	$12,000
Landfill Gas Monitoring	$5,106
Environmental Data Management	$17,020
General Site Maintenance	$15,523
Cover Maintenance	$31,982
Leachate System Maintenance	$37,615
Gas System Maintenance	$69,844
Stormwater System Maintenance	$13,732
TOTAL COSTS	$334,900

CURRENT HOBART LPCM ACCOUNT BALANCE

715004 LFPC HOBART	**2023-2024 BIENNIAL BUDGET**
SALARIES & WAGES	$184,810
SUPPLIES	$7,000
SERVICES	$30,068
LABORATORY ANALYSIS	$111,422
TOTAL	$339,300

APPENDIX I

Historic Groundwater Monitoring Data

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
Shallow Aquifer				
MW-1	2/26/2013	639.08	10.75	628.33
MW-1	2/28/2013	639.08	10.80	628.28
MW-1	5/14/2013	639.08	10.91	628.17
MW-1	5/16/2013	639.08	10.70	628.38
MW-1	8/12/2013	639.08	13.77	625.31
MW-1	8/20/2013	639.08	13.91	625.17
MW-1	10/29/2013	639.08	13.33	625.75
MW-1	11/15/2013	639.08	12.72	626.36
MW-1	11/19/2013	639.08	11.53	627.55
MW-1	12/18/2013	639.08	12.61	626.47
MW-1	1/22/2014	639.08	10.48	628.60
MW-1	2/14/2014	639.08	9.10	629.98
MW-1	2/20/2014	639.08	9.24	629.84
MW-1	3/31/2014	639.08	9.37	629.71
MW-1	4/28/2014	639.08	10.22	628.86
MW-1	5/27/2014	639.08	10.98	628.10
MW-1	6/30/2014	639.08	12.61	626.47
MW-1	7/29/2014	639.08	13.36	625.72
MW-1	8/12/2014	639.08	13.72	625.36
MW-1	8/20/2014	639.08	13.70	625.38
MW-1	10/10/2014	639.08	14.13	624.95
MW-1	11/24/2014	639.08	11.65	627.43
MW-1	12/3/2014	639.08	11.05	628.03
MW-1	12/19/2014	639.08	10.88	628.20
MW-1	1/16/2015	639.08	10.21	628.87
MW-1	2/6/2015	639.08	9.70	629.38
MW-1	2/25/2015	639.08	10.40	628.68
MW-1	3/23/2015	639.08	10.61	628.47
MW-1	4/30/2015	639.08	11.75	627.33
MW-1	5/18/2015	639.08	12.52	626.56
MW-1	5/22/2015	639.08	12.70	626.38
MW-1	6/25/2015	639.08	13.48	625.60
MW-1	7/22/2015	639.08	14.00	625.08
MW-1	8/5/2015	639.08	14.18	624.90
MW-1	8/11/2015	639.08	14.28	624.80
MW-1	9/3/2015	639.08	14.51	624.57
MW-1	10/15/2015	639.08	14.57	624.51
MW-1	11/10/2015	639.08	11.87	627.21
MW-1	11/10/2015	639.08	11.87	627.21
MW-1	12/17/2015	639.08	8.72	630.36
MW-1	2/9/2016	639.08	10.12	628.96
MW-1	2/16/2016	639.08	9.53	629.55
MW-1	5/12/2016	639.08	12.69	626.39
MW-1	5/24/2016	639.08	12.98	626.10
MW-1	8/22/2016	639.08	14.06	625.02
MW-1	8/23/2016	639.08	14.12	624.96
MW-1	12/9/2016	639.08	10.53	628.55
MW-1	12/12/2016	639.08	10.27	628.81
MW-1	2/9/2017	639.08	8.80	630.28
MW-1	2/21/2017	639.08	8.77	630.31
MW-1	6/2/2017	639.08	11.15	627.93
MW-1	6/9/2017	639.08	11.55	627.53
MW-1	8/24/2017	639.08	13.85	625.23
MW-1	8/24/2017	639.08	13.85	625.23
MW-1	11/30/2017	639.08	10.41	628.67
MW-1	12/1/2017	639.08	10.43	628.65
MW-1	2/26/2018	639.08	9.92	629.16
MW-1	3/1/2018	639.08	10.05	629.03
MW-1	5/29/2018	639.08	12.10	626.98
MW-1	5/29/2018	639.08	12.10	626.98
MW-1	8/16/2018	639.08	14.20	624.88
MW-1	8/28/2018	639.08	14.38	624.70
MW-1	11/30/2018	639.08	11.73	627.35

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-1	11/30/2018	639.08	11.75	627.33
MW-1	3/5/2019	639.08	10.93	628.15
MW-1	3/8/2019	639.08	10.87	628.21
MW-1	5/28/2019	639.08	12.05	627.03
MW-1	5/29/2019	639.08	12.10	626.98
MW-1	8/5/2019	639.08	13.86	625.22
MW-1	8/28/2019	639.08	14.24	624.84
MW-1	11/20/2019	639.08	12.63	626.45
MW-1	11/22/2019	639.08	12.80	626.28
MW-1	2/24/2020	638.79	9.68	629.11
MW-1	3/2/2020	638.79	10.26	628.53
MW-1	5/21/2020	638.79	12.60	626.19
MW-1	5/21/2020	638.79	12.60	626.19
MW-1	8/13/2020	638.79	13.63	625.16
MW-1	10/28/2020	638.79	13.45	625.34
MW-1	11/12/2020	638.79	12.40	626.39
MW-1	2/8/2021	638.79	10.10	628.69
MW-1	2/12/2021	638.79	10.48	628.31
MW-1	5/4/2021	638.79	12.39	626.40
MW-1	5/5/2021	638.79	12.49	626.30
MW-1	7/27/2021	638.79	13.86	624.93
MW-1	8/4/2021	638.79	13.99	624.80
MW-1	11/29/2021	638.79	9.82	628.97
MW-1	12/1/2021	638.79	10.00	628.79
MW-1	2/14/2022	638.79	10.87	627.92
MW-1	2/16/2022	638.79	10.89	627.90
MW-1	6/7/2022	638.79	11.29	627.50
MW-1	6/14/2022	638.79	10.87	627.92
MW-1	7/29/2022	638.79	12.60	626.19
MW-1	8/9/2022	638.79	12.98	625.81
MW-1	12/9/2022	638.79	12.30	626.49
MW-1	12/12/2022	638.79	12.15	626.64
MW-1	2/17/2023	638.79	11.01	627.78
MW-1	2/23/2023	638.79	10.69	628.10
MW-1	5/18/2023	638.79	11.60	627.19
MW-1	5/22/2023	638.79	11.80	626.99
MW-1	8/11/2023	638.79	13.98	624.81
MW-1	8/30/2023	638.79	14.33	624.46
MW-4	2/26/2013	647.97	20.45	627.52
MW-4	5/14/2013	647.97	20.53	627.44
MW-4	5/23/2013	647.97	21.40	626.57
MW-4	8/12/2013	647.97	23.67	624.30
MW-4	8/22/2013	647.97	23.78	624.19
MW-4	10/29/2013	647.97	22.91	625.06
MW-4	11/15/2013	647.97	22.05	625.92
MW-4	11/21/2013	647.97	20.73	627.24
MW-4	12/18/2013	647.97	22.28	625.69
MW-4	1/22/2014	647.97	19.44	628.53
MW-4	2/14/2014	647.97	17.11	630.86
MW-4	2/25/2014	647.97	17.74	630.23
MW-4	3/31/2014	647.97	18.19	629.78
MW-4	4/28/2014	647.97	19.12	628.85
MW-4	5/27/2014	647.97	20.50	627.47
MW-4	6/30/2014	647.97	22.80	625.17
MW-4	7/29/2014	647.97	23.38	624.59
MW-4	8/12/2014	647.97	23.53	624.44
MW-4	8/15/2014	647.97	23.53	624.44
MW-4	10/10/2014	647.97	23.74	624.23
MW-4	11/24/2014	647.97	21.40	626.57
MW-4	12/2/2014	647.97	19.82	628.15
MW-4	12/19/2014	647.97	20.42	627.55
MW-4	1/16/2015	647.97	19.13	628.84
MW-4	2/6/2015	647.97	19.23	628.74
MW-4	2/24/2015	647.97	19.43	628.54
MW-4	3/23/2015	647.97	19.84	628.13

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-4	4/30/2015	647.97	21.60	626.37
MW-4	5/18/2015	647.97	22.58	625.39
MW-4	6/3/2015	647.97	23.06	624.91
MW-4	6/25/2015	647.97	23.48	624.49
MW-4	7/22/2015	647.97	23.81	624.16
MW-4	8/5/2015	647.97	23.92	624.05
MW-4	8/11/2015	647.97	23.98	623.99
MW-4	9/3/2015	647.97	24.16	623.81
MW-4	10/15/2015	647.97	24.25	623.72
MW-4	11/10/2015	647.97	21.35	626.62
MW-4	11/24/2015	647.97	18.54	629.43
MW-4	12/17/2015	647.97	16.63	631.34
MW-4	2/9/2016	647.97	19.11	628.86
MW-4	2/12/2016	647.97	19.33	628.64
MW-4	5/12/2016	647.97	22.80	625.17
MW-4	5/23/2016	647.97	23.10	624.87
MW-4	8/22/2016	647.97	23.90	624.07
MW-4	8/24/2016	647.97	23.85	624.12
MW-4	12/9/2016	647.97	19.63	628.34
MW-4	12/12/2016	647.97	19.65	628.32
MW-4	2/9/2017	647.97	18.82	629.15
MW-4	2/21/2017	647.97	16.66	631.31
MW-4	6/2/2017	647.97	20.75	627.22
MW-4	6/8/2017	647.97	21.25	626.72
MW-4	8/24/2017	647.97	23.68	624.29
MW-4	8/25/2017	647.97	23.82	624.15
MW-4	11/30/2017	647.97	19.07	628.90
MW-4	12/1/2017	647.97	19.19	628.78
MW-4	2/26/2018	647.97	19.01	628.96
MW-4	3/1/2018	647.97	19.32	628.65
MW-4	5/29/2018	647.97	22.12	625.85
MW-4	5/29/2018	647.97	22.12	625.85
MW-4	8/16/2018	647.97	24.03	623.94
MW-4	8/27/2018	647.97	24.08	623.89
MW-4	11/30/2018	647.97	20.83	627.14
MW-4	12/5/2018	647.97	21.23	626.74
MW-4	3/5/2019	647.97	20.45	627.52
MW-4	3/8/2019	647.97	20.53	627.44
MW-4	5/28/2019	647.97	22.17	625.80
MW-4	5/30/2019	647.97	21.26	626.71
MW-4	8/5/2019	647.97	23.78	624.19
MW-4	8/28/2019	647.97	24.00	623.97
MW-4	11/20/2019	647.97	22.49	625.48
MW-4	11/22/2019	647.97	22.28	625.69
MW-4	2/24/2020	647.85	18.61	629.24
MW-4	3/4/2020	647.85	19.89	627.96
MW-4	5/21/2020	647.85	22.51	625.34
MW-4	5/21/2020	647.85	22.51	625.34
MW-4	8/13/2020	647.85	23.55	624.30
MW-4	10/28/2020	647.85	23.02	624.83
MW-4	11/9/2020	647.85	22.31	625.54
MW-4	2/8/2021	647.85	19.45	628.40
MW-4	2/8/2021	647.85	19.45	628.40
MW-4	5/4/2021	647.85	22.45	625.40
MW-4	5/5/2021	647.85	22.50	625.35
MW-4	7/27/2021	647.85	23.60	624.25
MW-4	8/2/2021	647.85	23.68	624.17
MW-4	11/29/2021	647.85	18.84	629.01
MW-4	11/30/2021	647.85	18.83	629.02
MW-4	2/14/2022	647.85	20.50	627.35
MW-4	2/16/2022	647.85	20.57	627.28
MW-4	6/7/2022	647.85	21.20	626.65
MW-4	6/14/2022	647.85	20.27	627.58
MW-4	7/29/2022	647.85	22.74	625.11
MW-4	8/12/2022	647.85	23.21	624.64
MW-4	12/9/2022	647.85	21.98	625.87

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-4	12/12/2022	647.85	21.48	626.37
MW-4	2/17/2023	647.85	20.82	627.03
MW-4	2/22/2023	647.85	20.33	627.52
MW-4	5/18/2023	647.85	21.39	626.46
MW-4	5/22/2023	647.85	21.77	626.08
MW-4	8/11/2023	647.85	23.84	624.01
MW-4	8/30/2023	647.85	23.89	623.96
MW-6	2/26/2013	635.20	5.37	629.83
MW-6	2/27/2013	635.20	5.47	629.73
MW-6	5/14/2013	635.20	5.25	629.95
MW-6	5/23/2013	635.20	6.28	628.92
MW-6	8/12/2013	635.20	9.70	625.50
MW-6	8/27/2013	635.20	10.02	625.18
MW-6	11/15/2013	635.20	8.90	626.30
MW-6	11/25/2013	635.20	8.12	627.08
MW-6	2/14/2014	635.20	3.97	631.23
MW-6	2/24/2014	635.20	3.32	631.88
MW-6	5/30/2014	635.20	5.61	629.59
MW-6	8/12/2014	635.20	9.54	625.66
MW-6	8/15/2014	635.20	9.53	625.67
MW-6	11/24/2014	635.20	7.64	627.56
MW-6	12/2/2014	635.20	6.33	628.87
MW-6	1/16/2015	635.20	4.16	631.04
MW-6	2/6/2015	635.20	4.24	630.96
MW-6	2/24/2015	635.20	4.15	631.05
MW-6	3/23/2015	635.20	5.24	629.96
MW-6	4/30/2015	635.20	6.76	628.44
MW-6	5/18/2015	635.20	7.91	627.29
MW-6	6/3/2015	635.20	8.69	626.51
MW-6	6/25/2015	635.20	9.34	625.86
MW-6	7/22/2015	635.20	9.98	625.22
MW-6	8/5/2015	635.20	10.28	624.92
MW-6	8/13/2015	635.20	10.45	624.75
MW-6	9/3/2015	635.20	10.74	624.46
MW-6	10/15/2015	635.20	11.04	624.16
MW-6	11/10/2015	635.20	8.48	626.72
MW-6	11/20/2015	635.20	4.59	630.61
MW-6	12/17/2015	635.20	1.84	633.36
MW-6	2/9/2016	635.20	4.10	631.10
MW-6	2/16/2016	635.20	4.16	631.04
MW-6	5/12/2016	635.20	8.12	627.08
MW-6	5/25/2016	635.20	8.64	626.56
MW-6	8/22/2016	635.20	10.40	624.80
MW-6	8/29/2016	635.20	10.54	624.66
MW-6	12/9/2016	635.20	5.05	630.15
MW-6	12/12/2016	635.20	4.96	630.24
MW-6	2/9/2017	635.20	4.39	630.81
MW-6	2/22/2017	635.20	2.03	633.17
MW-6	6/2/2017	635.20	5.55	629.65
MW-6	6/9/2017	635.20	6.24	628.96
MW-6	8/24/2017	635.20	9.78	625.42
MW-6	8/28/2017	635.20	9.86	625.34
MW-6	11/30/2017	635.20	5.92	629.28
MW-6	12/4/2017	635.20	5.27	629.93
MW-6	2/26/2018	635.20	3.84	631.36
MW-6	3/2/2018	635.20	4.20	631.00
MW-6	5/29/2018	635.20	7.09	628.11
MW-6	5/31/2018	635.20	7.27	627.93
MW-6	8/16/2018	635.20	10.22	624.98
MW-6	8/28/2018	635.20	10.39	624.81
MW-6	11/30/2018	635.20	8.23	626.97
MW-6	12/5/2018	635.20	8.30	626.90
MW-6	3/5/2019	635.20	5.83	629.37
MW-6	3/8/2019	635.20	5.84	629.36

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-6	5/28/2019	635.20	7.20	628.00
MW-6	5/29/2019	635.20	7.30	627.90
MW-6	8/5/2019	635.20	9.86	625.34
MW-6	8/28/2019	635.20	10.33	624.87
MW-6	11/20/2019	635.20	9.00	626.20
MW-6	11/26/2019	635.20	8.97	626.23
MW-6	2/24/2020	634.99	3.27	631.72
MW-6	3/4/2020	634.99	4.79	630.20
MW-6	5/21/2020	634.99	8.10	626.89
MW-6	5/26/2020	634.99	8.17	626.82
MW-6	8/13/2020	634.99	9.50	625.49
MW-6	8/17/2020	634.99	9.55	625.44
MW-6	10/28/2020	634.99	9.82	625.17
MW-6	11/10/2020	634.99	9.32	625.67
MW-6	2/8/2021	634.99	4.50	630.49
MW-6	2/9/2021	634.99	4.60	630.39
MW-6	5/4/2021	634.99	7.81	627.18
MW-6	5/6/2021	634.99	7.92	627.07
MW-6	7/27/2021	634.99	9.85	625.14
MW-6	8/3/2021	634.99	9.98	625.01
MW-6	11/29/2021	634.99	4.77	630.22
MW-6	12/1/2021	634.99	4.59	630.40
MW-6	2/14/2022	634.99	5.28	629.71
MW-6	2/17/2022	634.99	5.61	629.38
MW-6	6/7/2022	634.99	6.36	628.63
MW-6	6/14/2022	634.99	6.01	628.98
MW-6	7/29/2022	634.99	7.97	627.02
MW-6	8/12/2022	634.99	8.63	626.36
MW-6	12/9/2022	634.99	8.91	626.08
MW-6	12/12/2022	634.99	8.63	626.36
MW-6	2/17/2023	634.99	6.14	628.85
MW-6	2/23/2023	634.99	5.96	629.03
MW-6	5/18/2023	634.99	6.50	628.49
MW-6	5/22/2023	634.99	6.81	628.18
MW-6	8/11/2023	634.99	10.01	624.98
MW-6	9/1/2023	634.99	10.50	624.49
MW-10	2/26/2013	636.29	8.73	627.56
MW-10	2/28/2013	636.29	8.79	627.50
MW-10	5/14/2013	636.29	8.78	627.51
MW-10	5/21/2013	636.29	9.19	627.10
MW-10	8/12/2013	636.29	11.23	625.06
MW-10	8/20/2013	636.29	11.35	624.94
MW-10	11/15/2013	636.29	10.42	625.87
MW-10	11/26/2013	636.29	9.60	626.69
MW-10	2/14/2014	636.29	7.12	629.17
MW-10	2/19/2014	636.29	7.12	629.17
MW-10	6/2/2014	636.29	9.14	627.15
MW-10	8/12/2014	636.29	11.12	625.17
MW-10	8/15/2014	636.29	11.11	625.18
MW-10	11/24/2014	636.29	9.61	626.68
MW-10	12/3/2014	636.29	8.68	627.61
MW-10	1/16/2015	636.29	8.09	628.20
MW-10	2/6/2015	636.29	7.99	628.30
MW-10	2/24/2015	636.29	8.20	628.09
MW-10	3/23/2015	636.29	8.48	627.81
MW-10	4/30/2015	636.29	9.57	626.72
MW-10	5/18/2015	636.29	10.18	626.11
MW-10	5/18/2015	636.29	10.18	626.11
MW-10	6/25/2015	636.29	11.02	625.27
MW-10	7/22/2015	636.29	11.38	624.91
MW-10	8/5/2015	636.29	11.56	624.73
MW-10	8/10/2015	636.29	11.63	624.66
MW-10	9/3/2015	636.29	11.83	624.46
MW-10	10/15/2015	636.29	12.02	624.27
MW-10	11/10/2015	636.29	9.61	626.68

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-10	11/20/2015	636.29	7.30	628.99
MW-10	12/17/2015	636.29	6.72	629.57
MW-10	2/9/2016	636.29	8.07	628.22
MW-10	2/16/2016	636.29	7.82	628.47
MW-10	5/12/2016	636.29	10.32	625.97
MW-10	5/25/2016	636.29	10.60	625.69
MW-10	8/22/2016	636.29	11.58	624.71
MW-10	8/24/2016	636.29	11.60	624.69
MW-10	12/9/2016	636.29	8.30	627.99
MW-10	12/12/2016	636.29	8.30	627.99
MW-10	2/9/2017	636.29	7.80	628.49
MW-10	2/21/2017	636.29	6.83	629.46
MW-10	6/2/2017	636.29	8.98	627.31
MW-10	6/9/2017	636.29	9.31	626.98
MW-10	8/24/2017	636.29	11.29	625.00
MW-10	8/28/2017	636.29	11.34	624.95
MW-10	11/30/2017	636.29	8.10	628.19
MW-10	12/4/2017	636.29	8.01	628.28
MW-10	2/26/2018	636.29	7.93	628.36
MW-10	2/26/2018	636.29	7.93	628.36
MW-10	5/29/2018	636.29	9.81	626.48
MW-10	5/31/2018	636.29	9.87	626.42
MW-10	8/16/2018	636.29	11.60	624.69
MW-10	8/28/2018	636.29	11.68	624.61
MW-10	11/30/2018	636.29	9.39	626.90
MW-10	12/7/2018	636.29	9.68	626.61
MW-10	3/5/2019	636.29	8.81	627.48
MW-10	3/8/2019	636.29	8.85	627.44
MW-10	5/28/2019	636.29	9.81	626.48
MW-10	5/30/2019	636.29	9.91	626.38
MW-10	8/5/2019	636.29	11.41	624.88
MW-10	8/28/2019	636.29	11.30	624.99
MW-10	11/20/2019	636.29	10.50	625.79
MW-10	11/22/2019	636.29	10.40	625.89
MW-10	2/24/2020	635.96	7.69	628.27
MW-10	3/4/2020	635.96	8.35	627.61
MW-10	5/21/2020	635.96	10.21	625.75
MW-10	5/26/2020	635.96	10.18	625.78
MW-10	8/13/2020	635.96	11.15	624.81
MW-10	8/18/2020	635.96	11.20	624.76
MW-10	10/28/2020	635.96	10.91	625.05
MW-10	2/8/2021	635.96	8.09	627.87
MW-10	2/11/2021	635.96	8.30	627.66
MW-10	5/4/2021	635.96	10.12	625.84
MW-10	5/7/2021	635.96	10.23	625.73
MW-10	7/27/2021	635.96	11.29	624.67
MW-10	8/3/2021	635.96	11.40	624.56
MW-10	11/29/2021	635.96	7.83	628.13
MW-10	12/1/2021	635.96	7.89	628.07
MW-10	2/14/2022	635.96	8.76	627.20
MW-10	2/17/2022	635.96	8.90	627.06
MW-10	6/7/2022	635.96	9.25	626.71
MW-10	6/15/2022	635.96	8.77	627.19
MW-10	7/29/2022	635.96	10.26	625.70
MW-10	8/11/2022	635.96	10.62	625.34
MW-10	12/9/2022	635.96	10.07	625.89
MW-10	12/12/2022	635.96	9.82	626.14
MW-10	2/17/2023	635.96	9.02	626.94
MW-10	2/22/2023	635.96	8.73	627.23
MW-10	5/18/2023	635.96	9.41	626.55
MW-10	5/23/2023	635.96	9.63	626.33
MW-10	8/11/2023	635.96	11.43	624.53

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-10	8/31/2023	635.96	11.27	624.69
MW-11	2/26/2013	655.25	26.03	629.22
MW-11	5/14/2013	655.25	25.78	629.47
MW-11	5/21/2013	655.25	25.36	629.89
MW-11	8/12/2013	655.25	31.57	623.68
MW-11	8/22/2013	655.25	31.85	623.40
MW-11	10/29/2013	655.25	29.82	625.43
MW-11	11/15/2013	655.25	28.94	626.31
MW-11	11/25/2013	655.25	27.97	627.28
MW-11	12/18/2013	655.25	29.24	626.01
MW-11	1/22/2014	655.25	23.60	631.65
MW-11	2/14/2014	655.25	19.50	635.75
MW-11	2/28/2014	655.25	20.68	634.57
MW-11	3/31/2014	655.25	21.20	634.05
MW-11	4/28/2014	655.25	23.70	631.55
MW-11	5/12/2014	655.25	23.17	632.08
MW-11	6/30/2014	655.25	29.63	625.62
MW-11	7/29/2014	655.25	30.66	624.59
MW-11	8/12/2014	655.25	31.10	624.15
MW-11	8/15/2014	655.25	31.10	624.15
MW-11	10/10/2014	655.25	30.93	624.32
MW-11	11/24/2014	655.25	28.12	627.13
MW-11	12/2/2014	655.25	25.87	629.38
MW-11	12/19/2014	655.25	26.10	629.15
MW-11	1/16/2015	655.25	23.04	632.21
MW-11	2/6/2015	655.25	23.45	631.80
MW-11	2/24/2015	655.25	23.47	631.78
MW-11	3/23/2015	655.25	25.04	630.21
MW-11	4/30/2015	655.25	28.15	627.10
MW-11	5/18/2015	655.25	29.51	625.74
MW-11	5/18/2015	655.25	29.51	625.74
MW-11	6/25/2015	655.25	30.97	624.28
MW-11	7/22/2015	655.25	31.78	623.47
MW-11	8/5/2015	655.25	32.15	623.10
MW-11	8/13/2015	655.25	33.35	621.90
MW-11	9/3/2015	655.25	32.69	622.56
MW-11	10/15/2015	655.25	32.62	622.63
MW-11	11/10/2015	655.25	28.05	627.20
MW-11	11/12/2015	655.25	28.03	627.22
MW-11	12/17/2015	655.25	17.68	637.57
MW-11	2/9/2016	655.25	22.87	632.38
MW-11	2/16/2016	655.25	23.15	632.10
MW-11	5/12/2016	655.25	29.75	625.50
MW-11	5/25/2016	655.25	30.20	625.05
MW-11	8/22/2016	655.25	31.99	623.26
MW-11	8/24/2016	655.25	32.01	623.24
MW-11	12/9/2016	655.25	24.65	630.60
MW-11	12/12/2016	655.25	24.43	630.82
MW-11	2/9/2017	655.25	23.95	631.30
MW-11	2/24/2017	655.25	18.88	636.37
MW-11	6/2/2017	655.25	26.33	628.92
MW-11	6/7/2017	655.25	27.20	628.05
MW-11	8/24/2017	655.25	31.72	623.53
MW-11	8/24/2017	655.25	31.73	623.52
MW-11	11/30/2017	655.25	24.84	630.41
MW-11	12/1/2017	655.25	24.66	630.59
MW-11	2/26/2018	655.25	22.56	632.69
MW-11	3/1/2018	655.25	23.40	631.85
MW-11	5/29/2018	655.25	28.81	626.44
MW-11	5/29/2018	655.25	28.82	626.43
MW-11	8/16/2018	655.25	32.51	622.74
MW-11	8/27/2018	655.25	32.75	622.50

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-11	11/30/2018	655.25	27.36	627.89
MW-11	12/5/2018	655.25	28.04	627.21
MW-11	3/5/2019	655.25	26.41	628.84
MW-11	3/11/2019	655.25	26.60	628.65
MW-11	5/28/2019	655.25	28.95	626.30
MW-11	5/30/2019	655.25	29.17	626.08
MW-11	8/5/2019	655.25	31.67	623.58
MW-11	8/28/2019	655.25	32.32	622.93
MW-11	11/20/2019	655.25	29.63	625.62
MW-11	11/22/2019	655.25	30.20	625.05
MW-11	2/24/2020	655.04	21.46	633.58
MW-11	5/21/2020	655.04	29.53	625.51
MW-11	5/26/2020	655.04	29.42	625.62
MW-11	8/13/2020	655.04	31.13	623.91
MW-11	8/18/2020	655.04	31.24	623.80
MW-11	10/28/2020	655.04	29.88	625.16
MW-11	11/10/2020	655.04	29.15	625.89
MW-11	2/8/2021	655.04	24.22	630.82
MW-11	2/11/2021	655.04	24.57	630.47
MW-11	5/4/2021	655.04	29.43	625.61
MW-11	5/5/2021	655.04	29.50	625.54
MW-11	7/27/2021	655.04	31.21	623.83
MW-11	8/3/2021	655.04	31.46	623.58
MW-11	11/29/2021	655.04	23.70	631.34
MW-11	11/30/2021	655.04	23.34	631.70
MW-11	2/14/2022	655.04	25.84	629.20
MW-11	2/17/2022	655.04	26.34	628.70
MW-11	6/7/2022	655.04	27.39	627.65
MW-11	6/15/2022	655.04	26.36	628.68
MW-11	7/29/2022	655.04	29.63	625.41
MW-11	8/11/2022	655.04	30.34	624.70
MW-11	12/9/2022	655.04	28.75	626.29
MW-11	12/12/2022	655.04	28.18	626.86
MW-11	2/17/2023	655.04	27.11	627.93
MW-11	2/22/2023	655.04	26.57	628.47
MW-11	5/18/2023	655.04	27.95	627.09
MW-11	5/22/2023	655.04	28.40	626.64
MW-11	8/11/2023	655.04	31.87	623.17
MW-11	8/31/2023	655.04	32.43	622.61
MW-16	2/26/2013	638.72	4.45	634.27
MW-16	5/14/2013	638.72	4.15	634.57
MW-16	8/12/2013	638.72	9.69	629.03
MW-16	10/29/2013	638.72	9.56	629.16
MW-16	11/15/2013	638.72	9.43	629.29
MW-16	12/18/2013	638.72	8.62	630.10
MW-16	1/22/2014	638.72	2.92	635.80
MW-16	2/14/2014	638.72	3.01	635.71
MW-16	3/31/2014	638.72	1.24	637.48
MW-16	4/28/2014	638.72	3.30	635.42
MW-16	6/30/2014	638.72	7.91	630.81
MW-16	7/29/2014	638.72	9.08	629.64
MW-16	8/13/2014	638.72	9.48	629.24
MW-16	10/10/2014	638.72	10.44	628.28
MW-16	11/24/2014	638.72	8.53	630.19
MW-16	12/19/2014	638.72	4.56	634.16
MW-16	1/16/2015	638.72	2.50	636.22
MW-16	2/6/2015	638.72	2.84	635.88
MW-16	3/23/2015	638.72	4.06	634.66
MW-16	4/30/2015	638.72	6.32	632.40
MW-16	6/25/2015	638.72	9.23	629.49
MW-16	7/22/2015	638.72	10.01	628.71
MW-16	8/5/2015	638.72	10.22	628.50
MW-16	9/3/2015	638.72	10.66	628.06
MW-16	10/15/2015	638.72	11.30	627.42
MW-16	11/10/2015	638.72	10.10	628.62
MW-16	2/9/2016	638.72	2.47	636.25

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-16	5/12/2016	638.72	6.00	632.72
MW-16	8/22/2016	638.72	10.33	628.39
MW-16	12/9/2016	638.72	3.98	634.74
MW-16	2/9/2017	638.72	4.48	634.24
MW-16	6/2/2017	638.72	4.56	634.16
MW-16	8/24/2017	638.72	9.74	628.98
MW-16	11/30/2017	638.72	5.92	632.80
MW-16	2/26/2018	638.72	2.20	636.52
MW-16	5/29/2018	638.72	6.78	631.94
MW-16	8/16/2018	638.72	10.15	628.57
MW-16	11/30/2018	638.72	9.45	629.27
MW-16	3/5/2019	638.72	5.22	633.50
MW-16	5/28/2019	638.72	6.98	631.74
MW-16	8/5/2019	638.72	9.89	628.83
MW-16	11/20/2019	638.72	9.60	629.12
MW-16	2/24/2020	638.51	1.18	637.33
MW-16	5/21/2020	638.51	6.59	631.92
MW-16	8/13/2020	638.51	9.43	629.08
MW-16	10/28/2020	638.51	10.54	627.97
MW-16	2/8/2021	638.51	3.41	635.10
MW-16	5/4/2021	638.51	7.85	630.66
MW-16	7/27/2021	638.51	9.86	628.65
MW-16	11/29/2021	638.51	4.02	634.49
MW-16	2/14/2022	638.51	4.32	634.19
MW-16	6/7/2022	638.51	5.92	632.59
MW-16	7/29/2022	638.51	7.79	630.72
MW-16	12/9/2022	638.51	10.13	628.38
MW-16	2/17/2023	638.51	5.75	632.76
MW-16	5/18/2023	638.51	6.04	632.47
MW-16	8/11/2023	638.51	9.98	628.53
MW-18	2/26/2013	642.78	15.52	627.26
MW-18	2/26/2013	642.78	15.52	627.26
MW-18	5/14/2013	642.78	15.55	627.23
MW-18	5/15/2013	642.78	15.55	627.23
MW-18	8/12/2013	642.78	17.85	624.93
MW-18	11/15/2013	642.78	16.74	626.04
MW-18	11/15/2013	642.78	16.74	626.04
MW-18	2/14/2014	642.78	13.54	629.24
MW-18	2/24/2014	642.78	13.92	628.86
MW-18	6/2/2014	642.78	15.93	626.85
MW-18	8/12/2014	642.78	17.28	625.50
MW-18	8/21/2014	642.78	17.82	624.96
MW-18	11/24/2014	642.78	16.34	626.44
MW-18	12/3/2014	642.78	15.11	627.67
MW-18	2/24/2015	642.78	14.88	627.90
MW-18	5/18/2015	642.78	16.90	625.88
MW-18	5/22/2015	642.78	17.01	625.77
MW-18	8/5/2015	642.78	18.11	624.67
MW-18	9/3/2015	642.78	18.34	624.44
MW-18	11/10/2015	642.78	16.22	626.56
MW-18	12/2/2015	642.78	14.83	627.95
MW-18	2/9/2016	642.78	14.69	628.09
MW-18	2/12/2016	642.78	14.86	627.92
MW-18	5/12/2016	642.78	17.06	625.72
MW-18	5/23/2016	642.78	17.28	625.50
MW-18	8/22/2016	642.78	18.11	624.67
MW-18	8/25/2016	642.78	18.17	624.61
MW-18	12/9/2016	642.78	14.94	627.84
MW-18	12/15/2016	642.78	14.79	627.99
MW-18	2/9/2017	642.78	14.64	628.14
MW-18	2/24/2017	642.78	13.53	629.25
MW-18	6/2/2017	642.78	15.80	626.98
MW-18	6/16/2017	642.78	16.31	626.47
MW-18	8/24/2017	642.78	14.80	627.98
MW-18	8/25/2017	642.78	14.08	628.70
MW-18	11/30/2017	642.78	14.55	628.23

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-18	12/1/2017	642.78	14.55	628.23
MW-18	2/26/2018	642.78	14.61	628.17
MW-18	3/1/2018	642.78	14.82	627.96
MW-18	5/29/2018	642.78	16.63	626.15
MW-18	5/31/2018	642.78	16.63	626.15
MW-18	8/16/2018	642.78	18.17	624.61
MW-18	8/28/2018	642.78	18.29	624.49
MW-18	11/30/2018	642.78	15.91	626.87
MW-18	12/7/2018	642.78	15.91	626.87
MW-18	3/5/2019	642.78	15.46	627.32
MW-18	5/28/2019	642.78	16.65	626.13
MW-18	5/30/2019	642.78	16.65	626.13
MW-18	8/5/2019	642.78	17.91	624.87
MW-18	9/3/2019	642.78	18.15	624.63
MW-18	2/24/2020	642.35	13.25	629.10
MW-18	3/5/2020	642.35	15.20	627.15
MW-18	5/21/2020	642.35	16.95	625.40
MW-18	5/26/2020	642.35	16.95	625.40
MW-18	8/13/2020	642.35	17.83	624.52
MW-18	10/28/2020	642.35	17.46	624.89
MW-18	2/8/2021	642.35	14.78	627.57
MW-18	5/4/2021	642.35	16.89	625.46
MW-18	5/6/2021	642.35	16.89	625.46
MW-18	7/27/2021	642.35	17.85	624.50
MW-18	11/29/2021	642.35	14.46	627.89
MW-18	11/30/2021	642.35	14.40	627.95
MW-18	2/14/2022	642.35	15.53	626.82
MW-18	2/17/2022	642.35	15.70	626.65
MW-18	6/7/2022	642.35	16.01	626.34
MW-18	6/15/2022	642.35	15.43	626.92
MW-18	7/29/2022	642.35	17.00	625.35
MW-18	12/9/2022	642.35	16.68	625.67
MW-18	12/13/2022	642.35	16.68	625.67
MW-18	2/17/2023	642.35	15.75	626.60
MW-18	2/22/2023	642.35	15.74	626.61
MW-18	5/18/2023	642.35	16.21	626.14
MW-18	8/11/2023	642.35	18.03	624.32
MW-21	2/26/2018	649.21	20.92	628.29
MW-21	5/29/2018	649.21	22.74	626.47
MW-21	8/16/2018	649.21	24.75	624.46
MW-21	3/5/2019	649.21	21.90	627.31
MW-21	5/28/2019	649.21	23.08	626.13
MW-21	8/5/2019	649.21	24.42	624.79
MW-21	11/20/2019	649.21	22.49	626.72
MW-21	2/24/2020	648.80	20.62	628.18
MW-21	5/21/2020	648.80	23.40	625.40
MW-21	8/13/2020	648.80	24.25	624.55
MW-21	10/28/2020	648.80	23.94	624.86
MW-21	2/8/2021	648.80	21.13	627.67
MW-21	5/4/2021	648.80	23.31	625.49
MW-21	7/27/2021	648.80	24.35	624.45
MW-21	11/29/2021	648.80	20.65	628.15
MW-21	2/14/2022	648.80	21.89	626.91
MW-21	6/7/2022	648.80	22.45	626.35
MW-21	7/29/2022	648.80	23.47	625.33
MW-21	12/9/2022	648.80	23.19	625.61
MW-21	2/17/2023	648.80	22.19	626.61
MW-21	5/18/2023	648.80	22.61	626.19
MW-21	8/11/2023	648.80	24.51	624.29
MW-22	2/26/2013	642.49	14.83	627.66
MW-22	5/14/2013	642.49	14.87	627.62
MW-22	8/12/2013	642.49	17.37	625.12
MW-22	10/29/2013	642.49	16.88	625.61
MW-22	11/15/2013	642.49	16.35	626.14
MW-22	12/18/2013	642.49	16.41	626.08
MW-22	1/22/2014	642.49	14.43	628.06

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-22	2/14/2014	642.49	13.44	629.05
MW-22	3/31/2014	642.49	13.64	628.85
MW-22	4/28/2014	642.49	14.25	628.24
MW-22	6/30/2014	642.49	16.31	626.18
MW-22	7/29/2014	642.49	16.98	625.51
MW-22	8/12/2014	642.49	17.26	625.23
MW-22	10/10/2014	642.49	17.66	624.83
MW-22	11/24/2014	642.49	15.76	626.73
MW-22	12/19/2014	642.49	14.86	627.63
MW-22	1/16/2015	642.49	14.27	628.22
MW-22	2/6/2015	642.49	14.19	628.30
MW-22	3/23/2015	642.49	14.63	627.86
MW-22	4/30/2015	642.49	15.64	626.85
MW-22	5/21/2015	642.49	16.36	626.13
MW-22	6/25/2015	642.49	17.13	625.36
MW-22	7/22/2015	642.49	17.52	624.97
MW-22	8/5/2015	642.49	17.72	624.77
MW-22	9/3/2015	642.49	18.03	624.46
MW-22	10/15/2015	642.49	18.19	624.30
MW-22	11/10/2015	642.49	15.78	626.71
MW-22	12/17/2015	642.49	13.08	629.41
MW-22	2/9/2016	642.49	14.27	628.22
MW-22	5/12/2016	642.49	16.40	626.09
MW-22	8/22/2016	642.49	17.71	624.78
MW-22	12/9/2016	642.49	14.49	628.00
MW-22	2/9/2017	642.49	14.22	628.27
MW-22	6/2/2017	642.49	15.10	627.39
MW-22	8/24/2017	642.49	17.42	625.07
MW-22	11/30/2017	642.49	14.33	628.16
MW-22	2/26/2018	642.49	14.16	628.33
MW-22	5/29/2018	642.49	17.35	625.14
MW-22	8/16/2018	642.49	17.72	624.77
MW-22	11/30/2018	642.49	15.58	626.91
MW-22	3/5/2019	642.49	14.93	627.56
MW-22	5/28/2019	642.49	15.86	626.63
MW-22	8/5/2019	642.49	17.46	625.03
MW-22	11/20/2019	642.49	16.63	625.86
MW-22	2/24/2020	642.16	13.19	628.97
MW-22	5/21/2020	642.16	16.31	625.85
MW-22	8/13/2020	642.16	17.28	624.88
MW-22	10/28/2020	642.16	17.07	625.09
MW-22	2/8/2021	642.16	14.27	627.89
MW-22	5/4/2021	642.16	16.19	625.97
MW-22	7/27/2021	642.16	17.42	624.74
MW-22	11/29/2021	642.16	14.04	628.12
MW-22	2/14/2022	642.16	14.85	627.31
MW-22	6/7/2022	642.16	15.36	626.80
MW-22	7/29/2022	642.16	16.32	625.84
MW-22	12/9/2022	642.16	16.24	625.92
MW-22	2/17/2023	642.16	15.11	627.05
MW-22	5/18/2023	642.16	15.48	626.68
MW-22	8/11/2023	642.16	17.54	624.62
MW-26	2/26/2018	650.52	20.13	630.39
MW-26	5/29/2018	650.52	24.12	626.40
MW-26	8/16/2018	650.52	26.38	624.14
MW-26	3/5/2019	650.52	22.00	628.52
MW-26	5/28/2019	650.52	24.22	626.30
MW-26	8/5/2019	650.52	25.98	624.54
MW-26	11/20/2019	650.52	24.50	626.02
MW-26	12/24/2019	650.52	18.13	632.39
MW-26	2/24/2020	650.00	19.50	630.50
MW-26	3/5/2020	650.00	21.21	628.79
MW-26	5/21/2020	650.00	24.70	625.30
MW-26	5/26/2020	650.00	24.62	625.38
MW-26	8/13/2020	650.00	25.77	624.23
MW-26	8/18/2020	650.00	25.80	624.20

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-26	10/28/2020	650.00	25.15	624.85
MW-26	11/9/2020	650.00	24.37	625.63
MW-26	2/8/2021	650.00	20.81	629.19
MW-26	2/9/2021	650.00	20.89	629.11
MW-26	5/4/2021	650.00	24.61	625.39
MW-26	5/5/2021	650.00	24.65	625.35
MW-26	7/27/2021	650.00	25.80	624.20
MW-26	8/2/2021	650.00	25.89	624.11
MW-26	11/29/2021	650.00	20.22	629.78
MW-26	11/30/2021	650.00	20.20	629.80
MW-26	2/14/2022	650.00	22.12	627.88
MW-26	2/17/2022	650.00	22.45	627.55
MW-26	6/7/2022	650.00	23.00	627.00
MW-26	6/14/2022	650.00	22.05	627.95
MW-26	7/29/2022	650.00	24.94	625.06
MW-26	8/12/2022	650.00	25.40	624.60
MW-26	12/9/2022	650.00	24.05	625.95
MW-26	12/13/2022	650.00	23.42	626.58
MW-26	2/17/2023	650.00	22.69	627.31
MW-26	2/22/2023	650.00	22.12	627.88
MW-26	5/18/2023	650.00	23.41	626.59
MW-26	5/22/2023	650.00	23.77	626.23
MW-26	8/11/2023	650.00	26.08	623.92
MW-26	8/31/2023	650.00	26.23	623.77
MW-27	2/26/2018	650.62	16.38	634.24
MW-27	5/29/2018	650.62	20.01	630.61
MW-27	8/16/2018	650.62	28.45	622.17
MW-27	3/5/2019	650.62	18.70	631.92
MW-27	5/28/2019	650.62	20.28	630.34
MW-27	8/5/2019	650.62	23.44	627.18
MW-27	11/20/2019	650.62	19.50	631.12
MW-27	2/24/2020	650.36	15.51	634.85
MW-27	5/21/2020	650.36	21.59	628.77
MW-27	8/13/2020	650.36	24.05	626.31
MW-27	10/28/2020	650.36	20.65	629.71
MW-27	2/8/2021	650.36	17.47	632.89
MW-27	5/4/2021	650.36	21.30	629.06
MW-27	7/27/2021	650.36	23.85	626.51
MW-27	11/29/2021	650.36	17.69	632.67
MW-27	2/14/2022	650.36	17.92	632.44
MW-27	6/7/2022	650.36	18.95	631.41
MW-27	7/29/2022	650.36	21.81	628.55
MW-27	12/9/2022	650.36	19.38	630.98
MW-27	2/17/2023	650.36	18.88	631.48
MW-27	5/18/2023	650.36	19.41	630.95
MW-27	8/11/2023	650.36	27.61	622.75
Deep Aquifer				
MW-3	2/26/2013	647.72	141.40	506.32
MW-3	3/1/2013	647.72	141.52	506.20
MW-3	5/14/2013	647.72	140.30	507.42
MW-3	5/22/2013	647.72	141.77	505.95
MW-3	8/12/2013	647.72	144.06	503.66
MW-3	8/27/2013	647.72	144.55	503.17
MW-3	11/15/2013	647.72	144.45	503.27
MW-3	11/20/2013	647.72	144.49	503.23
MW-3	2/14/2014	647.72	142.17	505.55
MW-3	2/24/2014	647.72	141.40	506.32
MW-3	5/28/2014	647.72	140.01	507.71
MW-3	8/12/2014	647.72	143.42	504.30
MW-3	8/19/2014	647.72	143.47	504.25
MW-3	11/24/2014	647.72	143.53	504.19
MW-3	11/25/2014	647.72	143.42	504.30
MW-3	2/6/2015	647.72	140.58	507.14
MW-3	2/25/2015	647.72	140.59	507.13
MW-3	3/23/2015	647.72	140.84	506.88
MW-3	5/18/2015	647.72	141.95	505.77

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-3	6/3/2015	647.72	142.43	505.29
MW-3	6/25/2015	647.72	143.37	504.35
MW-3	7/22/2015	647.72	144.23	503.49
MW-3	8/5/2015	647.72	144.68	503.04
MW-3	8/11/2015	647.72	144.82	502.90
MW-3	9/3/2015	647.72	145.29	502.43
MW-3	10/15/2015	647.72	145.57	502.15
MW-3	11/10/2015	647.72	145.40	502.32
MW-3	11/20/2015	647.72	143.68	504.04
MW-3	12/17/2015	647.72	140.43	507.29
MW-3	2/9/2016	647.72	139.84	507.88
MW-3	2/12/2016	647.72	139.81	507.91
MW-3	5/12/2016	647.72	141.34	506.38
MW-3	5/24/2016	647.72	141.73	505.99
MW-3	8/22/2016	647.72	144.82	502.90
MW-3	8/24/2016	647.72	144.90	502.82
MW-3	12/9/2016	647.72	142.66	505.06
MW-3	12/9/2016	647.72	142.66	505.06
MW-3	2/9/2017	647.72	141.49	506.23
MW-3	2/21/2017	647.72	140.12	507.60
MW-3	6/2/2017	647.72	139.77	507.95
MW-3	6/7/2017	647.72	139.81	507.91
MW-3	8/24/2017	647.72	143.51	504.21
MW-3	8/25/2017	647.72	143.55	504.17
MW-3	11/30/2017	647.72	142.88	504.84
MW-3	12/1/2017	647.72	142.76	504.96
MW-3	2/26/2018	647.72	139.10	508.62
MW-3	3/1/2018	647.72	138.89	508.83
MW-3	5/24/2018	647.72	140.65	507.07
MW-3	5/29/2018	647.72	140.76	506.96
MW-3	8/16/2018	647.72	144.15	503.57
MW-3	8/27/2018	647.72	144.48	503.24
MW-3	11/30/2018	647.72	144.45	503.27
MW-3	12/5/2018	647.72	144.40	503.32
MW-3	3/5/2019	647.72	142.26	505.46
MW-3	3/8/2019	647.72	142.26	505.46
MW-3	5/28/2019	647.72	142.30	505.42
MW-3	5/30/2019	647.72	142.22	505.50
MW-3	8/5/2019	647.72	144.02	503.70
MW-3	9/3/2019	647.72	144.81	502.91
MW-3	11/20/2019	647.72	144.60	503.12
MW-3	11/22/2019	647.72	144.63	503.09
MW-3	2/24/2020	647.58	139.19	508.39
MW-3	3/4/2020	647.58	139.39	508.19
MW-3	5/21/2020	647.58	141.30	506.28
MW-3	5/21/2020	647.58	141.30	506.28
MW-3	8/13/2020	647.58	143.30	504.28
MW-3	8/17/2020	647.58	143.50	504.08
MW-3	10/28/2020	647.58	144.46	503.12
MW-3	11/9/2020	647.58	144.65	502.93
MW-3	2/8/2021	647.58	140.34	507.24
MW-3	2/8/2021	647.58	140.34	507.24
MW-3	5/4/2021	647.58	140.92	506.66
MW-3	5/6/2021	647.58	140.74	506.84
MW-3	7/27/2021	647.58	143.81	503.77
MW-3	8/2/2021	647.58	144.19	503.39
MW-3	11/29/2021	647.58	142.74	504.84
MW-3	11/30/2021	647.58	142.64	504.94
MW-3	2/14/2022	647.58	139.31	508.27
MW-3	2/16/2022	647.58	139.74	507.84
MW-3	6/7/2022	647.58	139.81	507.77
MW-3	6/14/2022	647.58	139.84	507.74
MW-3	7/29/2022	647.58	141.39	506.19
MW-3	8/11/2022	647.58	142.11	505.47
MW-3	12/9/2022	647.58	143.95	503.63
MW-3	12/12/2022	647.58	144.13	503.45

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-3	2/17/2023	647.58	142.33	505.25
MW-3	2/22/2023	647.58	141.74	505.84
MW-3	5/18/2023	647.58	141.40	506.18
MW-3	5/22/2023	647.58	141.55	506.03
MW-3	8/11/2023	647.58	144.48	503.10
MW-3	8/30/2023	647.58	144.99	502.59
MW-7	2/26/2013	637.73	121.52	516.21
MW-7	2/28/2013	637.73	121.36	516.37
MW-7	5/14/2013	637.73	120.08	517.65
MW-7	5/16/2013	637.73	119.85	517.88
MW-7	8/12/2013	637.73	123.81	513.92
MW-7	8/20/2013	637.73	124.30	513.43
MW-7	11/15/2013	637.73	124.64	513.09
MW-7	11/19/2013	637.73	124.54	513.19
MW-7	2/14/2014	637.73	122.58	515.15
MW-7	2/20/2014	637.73	122.50	515.23
MW-7	5/22/2014	637.73	119.31	518.42
MW-7	8/12/2014	637.73	123.10	514.63
MW-7	8/15/2014	637.73	123.33	514.40
MW-7	11/24/2014	637.73	124.49	513.24
MW-7	12/2/2014	637.73	123.90	513.83
MW-7	1/16/2015	637.73	112.94	524.79
MW-7	2/6/2015	637.73	120.42	517.31
MW-7	2/26/2015	637.73	120.34	517.39
MW-7	3/23/2015	637.73	120.83	516.90
MW-7	4/30/2015	637.73	121.74	515.99
MW-7	5/18/2015	637.73	122.08	515.65
MW-7	5/22/2015	637.73	122.07	515.66
MW-7	6/25/2015	637.73	123.56	514.17
MW-7	7/22/2015	637.73	124.24	513.49
MW-7	8/5/2015	637.73	124.82	512.91
MW-7	8/10/2015	637.73	124.86	512.87
MW-7	9/3/2015	637.73	125.64	512.09
MW-7	10/15/2015	637.73	125.96	511.77
MW-7	11/10/2015	637.73	126.46	511.27
MW-7	11/10/2015	637.73	126.46	511.27
MW-7	12/17/2015	637.73	121.64	516.09
MW-7	2/9/2016	637.73	119.77	517.96
MW-7	2/16/2016	637.73	119.57	518.16
MW-7	5/12/2016	637.73	121.18	516.55
MW-7	5/24/2016	637.73	121.63	516.10
MW-7	8/22/2016	637.73	125.07	512.66
MW-7	8/23/2016	637.73	125.32	512.41
MW-7	12/9/2016	637.73	123.52	514.21
MW-7	12/12/2016	637.73	123.63	514.10
MW-7	2/9/2017	637.73	116.61	521.12
MW-7	2/21/2017	637.73	121.06	516.67
MW-7	6/2/2017	637.73	119.85	517.88
MW-7	6/14/2017	637.73	120.39	517.34
MW-7	8/24/2017	637.73	123.67	514.06
MW-7	8/24/2017	637.73	123.67	514.06
MW-7	11/30/2017	637.73	124.51	513.22
MW-7	12/1/2017	637.73	124.19	513.54
MW-7	2/26/2018	637.73	118.94	518.79
MW-7	3/1/2018	637.73	118.39	519.34
MW-7	5/29/2018	637.73	120.93	516.80
MW-7	5/29/2018	637.73	120.93	516.80
MW-7	8/16/2018	637.73	124.51	513.22
MW-7	8/22/2018	637.73	124.53	513.20
MW-7	11/30/2018	637.73	125.77	511.96
MW-7	11/30/2018	637.73	125.60	512.13
MW-7	3/5/2019	637.73	122.92	514.81
MW-7	3/8/2019	640.73	122.88	517.85
MW-7	5/28/2019	637.73	122.72	515.01
MW-7	5/29/2019	637.73	122.68	515.05
MW-7	8/5/2019	637.73	124.48	513.25

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-7	9/3/2019	637.73	125.43	512.30
MW-7	11/20/2019	637.73	125.71	512.02
MW-7	11/22/2019	637.73	125.47	512.26
MW-7	2/24/2020	637.43	119.18	518.25
MW-7	3/2/2020	637.43	119.10	518.33
MW-7	5/21/2020	637.43	121.70	515.73
MW-7	5/21/2020	637.43	121.70	515.73
MW-7	8/13/2020	637.43	123.80	513.63
MW-7	8/17/2020	637.43	123.87	513.56
MW-7	10/28/2020	637.43	125.31	512.12
MW-7	11/12/2020	637.43	125.33	512.10
MW-7	2/8/2021	637.43	120.45	516.98
MW-7	2/12/2021	637.43	120.52	516.91
MW-7	5/4/2021	637.43	121.38	516.05
MW-7	5/5/2021	637.43	121.30	516.13
MW-7	7/27/2021	637.43	124.19	513.24
MW-7	8/4/2021	637.43	124.55	512.88
MW-7	11/29/2021	637.43	124.42	513.01
MW-7	12/1/2021	637.43	124.26	513.17
MW-7	2/14/2022	637.43	119.08	518.35
MW-7	2/16/2022	637.43	119.80	517.63
MW-7	6/7/2022	637.43	120.42	517.01
MW-7	6/14/2022	637.43	120.72	516.71
MW-7	7/29/2022	637.43	121.58	515.85
MW-7	8/9/2022	637.43	122.15	515.28
MW-7	12/9/2022	637.43	125.04	512.39
MW-7	12/12/2022	637.43	125.57	511.86
MW-7	2/17/2023	637.43	123.36	514.07
MW-7	2/23/2023	637.43	122.79	514.64
MW-7	5/18/2023	637.43	122.73	514.70
MW-7	5/22/2023	637.43	122.40	515.03
MW-7	8/11/2023	637.43	125.04	512.39
MW-7	8/30/2023	637.43	125.79	511.64
MW-25	2/25/2013	656.40	113.76	542.64
MW-25	2/26/2013	656.40	114.10	542.30
MW-25	5/14/2013	656.40	113.37	543.03
MW-25	5/28/2013	656.40	113.33	543.07
MW-25	8/12/2013	656.40	115.68	540.72
MW-25	8/19/2013	656.40	115.87	540.53
MW-25	11/15/2013	656.40	115.99	540.41
MW-25	11/21/2013	656.40	116.53	539.87
MW-25	2/14/2014	656.40	114.66	541.74
MW-25	2/25/2014	656.40	114.51	541.89
MW-25	6/2/2014	656.40	113.14	543.26
MW-25	6/4/2014	656.40	113.32	543.08
MW-25	8/12/2014	656.40	115.06	541.34
MW-25	8/15/2014	656.40	115.18	541.22
MW-25	11/24/2014	656.40	115.72	540.68
MW-25	12/2/2014	656.40	115.46	540.94
MW-25	1/16/2015	656.40	114.30	542.10
MW-25	2/6/2015	656.40	113.24	543.16
MW-25	2/24/2015	656.40	113.63	542.77
MW-25	3/23/2015	656.40	113.24	543.16
MW-25	4/30/2015	656.40	113.82	542.58
MW-25	5/18/2015	656.40	113.86	542.54
MW-25	5/22/2015	656.40	113.88	542.52
MW-25	6/25/2015	656.40	115.01	541.39
MW-25	7/22/2015	656.40	115.65	540.75
MW-25	8/5/2015	656.40	115.91	540.49
MW-25	8/10/2015	656.40	115.97	540.43
MW-25	9/3/2015	656.40	116.27	540.13
MW-25	10/15/2015	656.40	116.74	539.66
MW-25	11/10/2015	656.40	116.80	539.60
MW-25	11/12/2015	656.40	116.80	539.60
MW-25	12/17/2015	656.40	114.94	541.46
MW-25	2/9/2016	656.40	113.46	542.94

Table J-1
Groundwater - Historical Static Water Levels
January 1, 2013 - September 30, 2023

Groundwater - Static Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet above MSL)	(feet)	(feet above MSL)
MW-25	2/12/2016	656.40	113.20	543.20
MW-25	5/12/2016	656.40	113.47	542.93
MW-25	5/25/2016	656.40	114.08	542.32
MW-25	8/22/2016	656.40	116.31	540.09
MW-25	8/29/2016	656.40	116.45	539.95
MW-25	12/9/2016	656.40	115.50	540.90
MW-25	12/15/2016	656.40	115.15	541.25
MW-25	2/9/2017	656.40	113.96	542.44
MW-25	2/22/2017	656.40	114.40	542.00
MW-25	6/2/2017	656.40	113.10	543.30
MW-25	6/7/2017	656.40	113.09	543.31
MW-25	8/24/2017	656.40	115.47	540.93
MW-25	8/24/2017	656.40	115.55	540.85
MW-25	11/30/2017	656.40	115.84	540.56
MW-25	12/1/2017	656.40	115.68	540.72
MW-25	2/26/2018	656.40	112.98	543.42
MW-25	3/1/2018	656.40	112.49	543.91
MW-25	5/29/2018	656.40	113.76	542.64
MW-25	5/31/2018	656.40	113.59	542.81
MW-25	8/16/2018	656.40	116.12	540.28
MW-25	8/27/2018	656.40	116.27	540.13
MW-25	11/30/2018	656.40	116.10	540.30
MW-25	12/7/2018	656.40	116.33	540.07
MW-25	3/5/2019	656.40	115.00	541.40
MW-25	3/11/2019	656.40	115.05	541.35
MW-25	5/28/2019	656.40	115.00	541.40
MW-25	5/30/2019	656.40	114.90	541.50
MW-25	8/5/2019	656.40	115.38	541.02
MW-25	9/3/2019	656.40	115.92	540.48
MW-25	11/20/2019	656.40	116.17	540.23
MW-25	11/26/2019	656.40	115.89	540.51
MW-25	2/24/2020	656.18	113.57	542.61
MW-25	3/5/2020	656.18	112.91	543.27
MW-25	5/21/2020	656.18	113.88	542.30
MW-25	5/26/2020	656.18	114.03	542.15
MW-25	8/13/2020	656.18	115.19	540.99
MW-25	8/18/2020	656.18	115.38	540.80
MW-25	10/28/2020	656.18	116.64	539.54
MW-25	11/9/2020	656.18	116.58	539.60
MW-25	2/8/2021	656.18	114.16	542.02
MW-25	2/16/2021	656.18	113.92	542.26
MW-25	5/4/2021	656.18	113.75	542.43
MW-25	5/5/2021	656.18	113.70	542.48
MW-25	7/27/2021	656.18	115.90	540.28
MW-25	8/3/2021	656.18	116.23	539.95
MW-25	11/29/2021	656.18	115.97	540.21
MW-25	12/1/2021	656.18	115.92	540.26
MW-25	2/14/2022	656.18	113.08	543.10
MW-25	2/16/2022	656.18	113.45	542.73
MW-25	6/7/2022	656.18	113.42	542.76
MW-25	6/15/2022	656.18	113.56	542.62
MW-25	7/29/2022	656.18	114.37	541.81
MW-25	8/11/2022	656.18	114.98	541.20
MW-25	12/9/2022	656.18	115.73	540.45
MW-25	12/12/2022	656.18	115.93	540.25
MW-25	2/17/2023	656.18	115.16	541.02
MW-25	2/22/2023	656.18	114.74	541.44
MW-25	5/18/2023	656.18	114.23	541.95
MW-25	5/22/2023	656.18	114.55	541.63
MW-25	8/11/2023	656.18	116.15	540.03
MW-25	8/31/2023	656.18	116.30	539.88

Note:
All water level elevations are in NAVD 88 datum.

Table J-2
Groundwater - Historical Field Parameters
January 1, 2013 - September 30, 2023

Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(°C)	(NTU)
Shallow Aquifer								
MW-1	2/28/2013	WH1-130228-	--	--	5.92	86	8.7	--
MW-1	2/28/2013	WH1-130228D	--	--	5.92	86	8.7	--
MW-1	5/16/2013	WH1-130516-	--	--	6.01	86	9.7	--
MW-1	8/20/2013	WH1-130820-	--	--	6.43	89	10.9	--
MW-1	11/19/2013	WH1-131119-	--	--	6.03	70	12.6	--
MW-1	2/20/2014	WH1-140220-	--	--	5.98	59	7.6	--
MW-1	5/27/2014	WH1-140527-	--	--	5.97	90	10	--
MW-1	8/20/2014	WH1-140820-	--	--	6.54	84	11.6	--
MW-1	12/3/2014	WH1-141203-	--	--	6.42	73	13	--
MW-1	2/25/2015	WH1-150225-	--	--	6.35	100	10.4	--
MW-1	5/22/2015	WH1-150522-	--	--	6.39	95	10.7	--
MW-1	8/11/2015	WH1-150811-	0.5	76	6.27	91.37	12.69	30.54
MW-1	11/10/2015	WH1-151110-	--	--	6.2	78	10.9	--
MW-1	2/16/2016	WH1-160216-	1.74	125	6.57	68.23	8.9	19
MW-1	5/24/2016	WH1-160524-	0.24	78	6.25	79.94	10.44	8.65
MW-1	8/23/2016	WH1-160823-	0.33	77.5	6.28	81.6	11.77	5.72
MW-1	12/12/2016	WH1-161212-	0.33	160	6.23	59.1	11.33	4.8
MW-1	2/21/2017	WH1-170221-	1.02	102	6.31	82.61	7.21	5.63
MW-1	6/9/2017	WH1-170609-	0.16	187	6.25	95.07	10.81	3.62
MW-1	8/24/2017	WH1-170824-	0.12	181	6.7	79.76	11.55	2.72
MW-1	12/1/2017	WH1-171201-	4.22	278.2	6.38	50.9	9.96	7.75
MW-1	3/1/2018	WH1-180301-	0.51	110.1	5.94	83.9	8.71	5.95
MW-1	5/29/2018	WH1-180529-	0.45	89.3	5.92	79.6	10.13	6.17
MW-1	8/28/2018	WH1-180828-	0.43	222.6	5.6	73.9	11.3	6.16
MW-1	11/30/2018	WH1-181130-	2.19	202.1	6.15	67.7	11.23	2.15
MW-1	3/8/2019	WH1-190308-	1.7	145.6	6.15	54.9	6.97	7.39
MW-1	5/29/2019	WH1-190529-	0.38	69.2	6.03	101.6	9.75	8.68
MW-1	5/29/2019	WH1-190529D	0.38	69.2	6.03	101.6	9.75	8.68
MW-1	8/28/2019	WH1-190828-	0.37	76.5	6.01	98.2	10.68	1.66
MW-1	8/28/2019	WH1-190828D	0.37	76.5	6.01	98.2	10.68	1.66
MW-1	11/22/2019	WH1-191122-	1.11	171.7	6.83	67.3	11.33	5.5
MW-1	3/2/2020	WH1-200302-	1.79	150.1	6.17	89.8	9.43	12
MW-1	5/21/2020	WH1-200521-	0.61	86.7	6.09	87.6	9.76	14
MW-1	8/17/2020	WH1-200817-	0.58	70.7	5.7	83.2	11.9	4.96
MW-1	11/12/2020	WH1-201112-	1.81	186.4	6.03	69.4	12.25	12.2

Table J-2
Groundwater - Historical Field Parameters
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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
MW-1	2/12/2021	WH1-210212-	0.82	314.5	5.89	76	8.59	4.57
MW-1	5/5/2021	WH1-210505-	0.56	228.1	5.92	78.9	9.94	6
MW-1	5/5/2021	WH1-210505D	0.56	228.1	5.92	78.9	9.94	6
MW-1	8/4/2021	WH1-210804-	0.55	111.7	5.82	72.65	10.87	4.44
MW-1	12/1/2021	WH1-211201-	1.22	227.1	5.69	52.9	11.247	4.57
MW-1	2/16/2022	WH1-220216-	0.25	267.1	5.84	84.4	9.39	4.39
MW-1	6/14/2022	WH1-220614-	0.01	129.2	5.92	63.6	11.16	4.39
MW-1	8/9/2022	WH1-220809-	0.54	100.3	5.9	70.3	11.57	5.77
MW-1	12/12/2022	WH1-221212-	8.41	152	6.05	68.4	7.81	6.21
MW-1	2/23/2023	WH1-230223-	5.15	375.4	5.91	48.5	5.86	7.32
MW-1	5/22/2023	WH1-230522-	0.61	260.5	5.23	82.2	7.72	5.96
MW-1	8/30/2023	WH1-230830-	0.27	287.6	5.75	87.9	11.1	3.76
MW-4	3/1/2013	WH4-130301-	--	--	5.39	40	8.7	--
MW-4	5/23/2013	WH4-130523-	--	--	5.47	38	8.7	--
MW-4	8/22/2013	WH4-130822-	--	--	5.96	53	9.4	--
MW-4	11/21/2013	WH4-131121-	--	--	5.39	46	10.2	--
MW-4	2/25/2014	WH4-140225-	--	--	5.4	44	9.5	--
MW-4	5/27/2014	WH4-140527-	--	--	5.39	43	8.9	--
MW-4	8/15/2014	WH4-140815-	--	--	5.97	58	10.7	--
MW-4	12/2/2014	WH4-141202-	--	--	6.21	43	10.6	--
MW-4	2/24/2015	WH4-150224-	--	--	6.03	47	9.6	--
MW-4	6/3/2015	WH4-150603-	--	--	6	44	10	--
MW-4	8/11/2015	WH4-150811-	5.56	331	6.08	56.09	11.68	24.47
MW-4	11/24/2015	WH4-151124-	9.7	343	6.02	43.72	10.72	--
MW-4	2/12/2016	WH4-160212-	9.52	271	6.02	41.74	8.6	9.71
MW-4	2/12/2016	WH4-160212D	9.52	271	6.02	41.74	8.6	9.71
MW-4	5/23/2016	WH4-160523-	7.24	404	6.15	44.04	9.42	11.9
MW-4	8/24/2016	WH4-160824-	5.83	273	5.92	59.25	10.29	9.43
MW-4	12/12/2016	WH4-161212-	9.57	384.6	5.97	40.3	9.9	20.8
MW-4	2/21/2017	WH4-170221-	10.18	266.1	6.47	39.6	8.58	30.6
MW-4	6/8/2017	WH4-170608-	7.35	397.5	5.83	38.8	8.98	9.73
MW-4	8/25/2017	WH4-170825-	4.61	279.6	5.9	56.1	9.96	11.1
MW-4	12/1/2017	WH4-171201-	10.3	253.4	5.93	40.5	10.51	21.3
MW-4	3/1/2018	WH4-180301-	8.79	152	5.68	39.8	8.48	7.95
MW-4	5/29/2018	WH4-180529-	9.34	266	5.72	39.3	8.41	33
MW-4	8/27/2018	WH4-180827-	6.14	429.8	5.96	48.9	10.09	7.2

Table J-2
Groundwater - Historical Field Parameters
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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
MW-4	12/5/2018	WH4-181205-	9.62	287	6	45.1	10.45	2.98
MW-4	3/8/2019	WH4-190308-	9.52	240.3	6.06	41.6	9.09	6.16
MW-4	5/30/2019	WH4-190530-	9.28	241.7	6	45.3	9	12.8
MW-4	8/28/2019	WH4-190828-	5.49	209.7	6.05	55.9	10.66	8.04
MW-4	11/22/2019	WH4-191122-	9.18	223.7	6.24	53.5	10.7	2.32
MW-4	3/4/2020	WH4-200304-	9.13	232.3	6.53	40.1	8.05	9.65
MW-4	5/21/2020	WH4-200521-	8.61	228.2	5.73	38.5	8.24	3.6
MW-4	5/21/2020	WH4-200521D	8.61	228.2	5.73	38.5	8.24	3.6
MW-4	8/17/2020	WH4-200817-	4.61	245.1	5.4	54.5	10.42	12
MW-4	11/9/2020	WH4-201109-	6.18	388.9	5.37	58	10.07	10.5
MW-4	2/8/2021	WH4-210208-	9.53	396.9	5.61	36	8.582	4.6
MW-4	5/5/2021	WH4-210505-	9.11	331.2	5.55	39.3	8.41	3.32
MW-4	8/2/2021	WH4-210802-	7.47	417.2	5.23	37.3	9.67	10.2
MW-4	11/30/2021	WH4-211130-	10.63	253.9	5.3	35.2	10.462	6.62
MW-4	2/16/2022	WH4-220216-	9.26	219.2	5.49	36.9	7.97	12
MW-4	6/14/2022	WH4-220614-	9.2	238.9	5.59	37.9	8.23	16.2
MW-4	8/12/2022	WH4-220812-	6.98	489.6	5.53	40.6	9.62	14.9
MW-4	12/12/2022	WH4-221212-	9.22	341.4	5.58	43.5	10.42	7.79
MW-4	2/22/2023	WH4-230222-	9.77	426.5	5.63	46.2	9.24	5.27
MW-4	5/22/2023	WH4-230522-	9.4	478.1	5.24	45.9	9	5.13
MW-4	8/30/2023	WH4-230830-	6.13	291.6	5.73	43.3	10.51	3.31
MW-6	2/27/2013	WH6-130227-	--	--	6.64	103	8.9	--
MW-6	5/23/2013	WH6-130523-	--	--	6.59	100	8.8	--
MW-6	8/27/2013	WH6-130827-	--	--	6.97	110	10.2	--
MW-6	11/25/2013	WH6-131125-	--	--	7.04	105	9.3	--
MW-6	2/24/2014	WH6-140224-	--	--	6.89	110	10	--
MW-6	5/30/2014	WH6-140530-	--	--	6.55	105	9.2	--
MW-6	8/15/2014	WH6-140815-	--	--	6.86	110	10.2	--
MW-6	12/2/2014	WH6-141202-	--	--	6.92	105	9.9	--
MW-6	2/24/2015	WH6-150224-	--	--	6.92	110	9.6	--
MW-6	6/3/2015	WH6-150603-	--	--	7	110	10	--
MW-6	8/13/2015	WH6-150813-	2.75	349	6.42	107.4	10.32	3.535
MW-6	11/20/2015	WH6-151120-	--	--	6.68	99	9.2	--
MW-6	2/16/2016	WH6-160216-	3.55	188	6.74	106	9.62	2.77
MW-6	5/25/2016	WH6-160525-	3.41	310	6.71	108.3	9.76	2.15
MW-6	8/29/2016	WH6-160829-	4.16	266	6.67	88.76	12	0.69

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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
MW-6	8/29/2016	WH6-160829D	4.16	266	6.67	88.76	12	0.69
MW-6	12/12/2016	WH6-161212-	3.29	225	6.94	111	9.56	0.7
MW-6	2/22/2017	WH6-170222-	3.42	452	6.68	112.8	8.85	1.25
MW-6	2/22/2017	WH6-170222D	3.42	452	6.68	112.8	8.85	1.25
MW-6	6/9/2017	WH6-170609-	3.5	217	6.55	109.1	9.83	0.78
MW-6	8/28/2017	WH6-170828-	3.04	212	6.64	105.3	10.59	0.28
MW-6	12/4/2017	WH6-171204-	4.89	156.6	6.55	84.8	8.578	4
MW-6	12/4/2017	WH6-171204D	4.89	156.6	6.55	84.8	8.578	4
MW-6	3/2/2018	WH6-180302-	4.16	225.1	6.44	106	8.54	1.55
MW-6	3/2/2018	WH6-180302D	4.16	225.1	6.44	106	8.54	1.55
MW-6	5/31/2018	WH6-180531-	3.71	414.4	6.09	106.5	9.31	2.82
MW-6	8/28/2018	WH6-180828-	3.46	216.5	6.5	96.1	10.26	0.64
MW-6	12/5/2018	WH6-181205-	2.15	285.4	6.7	103.1	9.65	1.15
MW-6	3/8/2019	WH6-190308-	4.01	161.5	7.09	98.7	8.24	1.55
MW-6	5/29/2019	WH6-190529-	3.7	104.5	7.1	106.9	9.76	0.96
MW-6	8/28/2019	WH6-190828-	3.83	222.5	6.34	93.6	11.27	1.8
MW-6	11/26/2019	WH6-191126-	2.31	197.1	6.83	104.1	9.48	2.81
MW-6	3/4/2020	WH6-200305-	3.51	27.2	6.5	108	8.71	1.51
MW-6	5/26/2020	WH6-200526-	3.55	340.9	6.58	107.5	9.58	0.82
MW-6	8/17/2020	WH6-200817-	3.11	268.3	6.28	102.5	9.44	1.49
MW-6	11/10/2020	WH6-201110-	2.36	240	6.46	94.5	9.43	1.2
MW-6	2/9/2021	WH6-210209-	3.82	335.6	6.29	88.1	8.51	4.6
MW-6	5/6/2021	WH6-210506-	3.75	33.25	6.48	100.3	10.057	10.2
MW-6	8/3/2021	WH6-210803-	4.13	450.3	6.1	88.3	10.85	1.56
MW-6	12/1/2021	WH6-211201-	3.86	420.1	6.31	92.9	10.71	1.06
MW-6	2/17/2022	WH6-220217-	3.72	307.6	6.58	100.5	9.07	2.05
MW-6	6/14/2022	WH6-220614-	3.52	169.3	6.43	93.8	9.67	1.33
MW-6	8/12/2022	WH6-220812-	3.58	431.3	6.33	97.5	10.22	0.5
MW-6	12/12/2022	WH6-221212-	2.69	172.2	6.73	90.3	8.8	0.61
MW-6	2/23/2023	WH6-230223-	3.92	204.8	6.7	94.3	7.36	1.11
MW-6	5/22/2023	WH6-230522-	3.66	448.1	6.36	102.8	9.38	0.9
MW-6	9/1/2023	WH6-230901-	3.09	192.1	6.41	99.4	10.73	1.06

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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(°C)	(NTU)
MW-10	2/28/2013	WH10130228-	--	--	6.16	77	9.6	--
MW-10	5/21/2013	WH10130521-	--	--	6.26	75	8.4	--
MW-10	8/20/2013	WH10130820-	--	--	6.63	89	8.6	--
MW-10	11/26/2013	WH10131126-	--	--	6.64	95	9.5	--
MW-10	2/19/2014	WH10140219-	--	--	6.1	80	9.2	--
MW-10	6/2/2014	WH10140602-	--	--	5.99	87	8.6	--
MW-10	8/15/2014	WH10140815-	--	--	6.45	100	9.9	--
MW-10	12/3/2014	WH10141203-	--	--	6.84	90	9.6	--
MW-10	2/24/2015	WH10150224-	--	--	6.49	90	10.1	--
MW-10	5/18/2015	WH10150518-	--	--	6.4	80	9.6	--
MW-10	8/10/2015	WH10150810-	0.85	61	6.08	89.28	10.04	0.0037
MW-10	11/20/2015	WH10151120-	--	--	6.14	97	9.6	--
MW-10	2/16/2016	WH10160216-	0.64	130	6.48	78.13	9.81	3.96
MW-10	5/25/2016	WH10160525-	0.5	6	6.63	74.23	8.52	1.56
MW-10	8/24/2016	WH10160824-	0.38	17	6.47	82.06	9.51	1.42
MW-10	12/12/2016	WH10161212-	1.09	29.9	6.44	87.8	9.07	2.19
MW-10	2/21/2017	WH10170221-	6.05	170	6.6	84.04	9.15	1.27
MW-10	6/9/2017	WH10170609-	0.21	217	6.34	79.64	8.23	1.78
MW-10	8/28/2017	WH10170828-	0.7	151	6.74	82.34	9.45	0.45
MW-10	12/4/2017	WH10171204-	0.39	14	6.74	87.3	9.19	0.7
MW-10	2/26/2018	WH10180226-	0.56	13.9	6.19	76.4	9.09	1.3
MW-10	5/31/2018	WH10180531-	0.62	77	6.03	69.7	8.21	1.18
MW-10	8/28/2018	WH10180828-	0.58	154.1	6.09	75	8.98	0.88
MW-10	12/7/2018	WH10181207-	0.37	4.7	6.26	84.2	9.01	3.36
MW-10	3/8/2019	WH10190308-	0.35	18.8	6.51	72.7	9.12	0.78
MW-10	5/30/2019	WH10190530-	0.54	23.3	6.61	69.7	8.28	1.09
MW-10	8/28/2019	WH10190828-	0.35	-2.4	6.44	89.4	8.94	1.07
MW-10	11/22/2019	WH10191122-	0.66	23.2	6.28	93.1	8.72	0.57
MW-10	3/4/2020	WH10200305-	0.5	-1.9	6.47	78.2	8.84	1.6
MW-10	5/26/2020	WH10200526-	0.77	48.1	6.04	65.4	8.07	6.81
MW-10	8/18/2020	WH10200818-	0.7	36.8	5.9	79.7	9.42	1.55
MW-10	11/12/2020	WH10201112-	0.49	24.9	5.71	82.3	8.88	0.36
MW-10	2/11/2021	WH10210211-	0.78	28.7	6.07	72.8	8.44	0.99
MW-10	2/11/2021	WH10210211D	0.78	28.7	6.07	72.8	8.44	0.99
MW-10	5/7/2021	WH10210507-	0.66	24	5.93	60.9	8.31	1.49
MW-10	8/3/2021	WH10210803-	0.45	21.7	6.13	68.8	8.67	0.45
MW-10	12/1/2021	WH10211201-	0.01	17.1	5.9	74.8	9.255	0.91

Table J-2
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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
MW-10	2/17/2022	WH10220217-	0.36	119.6	5.84	60.8	8.72	2.81
MW-10	6/15/2022	WH10220615-	0.15	55.2	5.89	59.1	8.09	1.81
MW-10	8/11/2022	WH10220811-	0.07	21.2	5.89	71.5	9.29	6.51
MW-10	12/12/2022	WH10221212-	0.17	12.3	6.12	74.1	9.5	0.68
MW-10	2/22/2023	WH10230222-	0.22	75	6.29	61.8	9.64	1.78
MW-10	5/23/2023	WH10230523-	0.65	46.5	6.06	54.6	8.53	1.16
MW-10	8/31/2023	WH10230831-	0.14	71.8	5.47	81.4	8.99	2.39
MW-11	2/27/2013	WH11130227-	--	--	5.84	56	8.5	--
MW-11	5/21/2013	WH11130521-	--	--	6.02	62	7.9	--
MW-11	8/22/2013	WH11130822-	--	--	6.52	81	8.2	--
MW-11	11/25/2013	WH11131125--	--	--	5.79	60	9.1	--
MW-11	2/28/2014	WH11140228-	--	--	6.13	46	8.9	--
MW-11	5/12/2014	WH11140512-	--	--	6.2	47	7.9	--
MW-11	8/15/2014	WH11140815-	--	--	6.41	75	8.7	--
MW-11	12/2/2014	WH11141202-	--	--	5.89	57	8.6	--
MW-11	2/24/2015	WH11150224-	--	--	6.16	53	9	--
MW-11	5/18/2015	WH11150518-	--	--	6.05	60	9	--
MW-11	8/13/2015	WH11150813-	6.65	298	6.43	92.13	10.22	--
MW-11	11/12/2015	WH11151112-	--	--	6.11	58	9.6	--
MW-11	2/16/2016	WH11160216-	9.38	271	6.07	50	8.59	0.52
MW-11	5/25/2016	WH11160525-	9.49	188	6.36	63.31	8.62	1.01
MW-11	8/24/2016	WH11160824-	5.79	189	6.5	96.26	9.16	0.49
MW-11	12/12/2016	WH11161212-	10.44	385.1	6.06	53.5	9.15	0.55
MW-11	2/24/2017	WH11170224-	11.03	390.7	6.3	45.8	7.23	0.38
MW-11	6/7/2017	WH11170607-	8.93	282	6.69	73.92	8.06	0.31
MW-11	8/24/2017	WH11170824-	6.65	319.8	6.28	83.3	8.38	0.43
MW-11	12/1/2017	WH11171201-	11.32	295.2	6.05	53.3	8.68	0.28
MW-11	3/1/2018	WH11180301-	8.78	283.9	6.12	46.7	7.73	0.28
MW-11	5/29/2018	WH11180529-	10.25	261.7	5.64	50.1	8	0.71
MW-11	8/27/2018	WH11180827-	7.53	256.8	6.53	82.3	8.75	0.22
MW-11	12/5/2018	WH11181205-	9.97	303.2	5.94	64.3	8.78	0.27
MW-11	3/11/2019	WH11190311-	10.5	284.6	6.08	59.9	8.29	0.22
MW-11	5/30/2019	WH11190530-	9.85	349.5	6.13	58	8.63	0.61
MW-11	8/28/2019	WH11190828-	6.51	143.8	6.57	94.9	9.46	0.4
MW-11	11/22/2019	WH11191122-	10.31	226.8	5.98	81.5	8.89	0.24

Table J-2
Groundwater - Historical Field Parameters
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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
MW-11	3/4/2020	WH11200304-	9.62	231.9	6.28	49.7	7.61	0.66
MW-11	5/26/2020	WH11200526-	10.13	232.7	5.77	50	8.03	1.87
MW-11	8/18/2020	WH11200818-	7.22	264.6	5.78	80.1	8.82	0.3
MW-11	11/10/2020	WH11201110-	9.55	274.2	5.72	63	8.49	0.42
MW-11	2/11/2021	WH11210211-	10.21	234.3	5.96	44.4	7.97	0.33
MW-11	5/5/2021	WH11210505-	9.76	292.7	5.53	52.1	8.18	0.21
MW-11	8/3/2021	WH11210803-	6.25	210.3	6.1	80.5	9.13	0.17
MW-11	11/30/2021	WH11211130-	10.56	442.1	5.33	52.7	8.907	4.02
MW-11	2/17/2022	WH11220217-	10.21	415.4	5.82	56.1	7.54	0.27
MW-11	6/15/2022	WH11220615-	10.4	241.2	5.8	50.2	7.45	0.71
MW-11	8/11/2022	WH11220811-	9.45	213.7	6.22	59.8	8.03	1.2
MW-11	12/12/2022	WH11221212-	10.68	230.9	5.84	54.2	7.96	0.73
MW-11	2/22/2023	WH11230222-	10.41	237	6.14	65.3	8.32	0.3
MW-11	2/22/2023	WH11230222D	10.41	237	6.14	65.3	8.32	0.3
MW-11	5/22/2023	WH11230522-	10.15	282.1	5.42	59	8.63	0.38
MW-11	8/31/2023	WH11230831-	7.98	506.1	5.82	89.7	9.52	2.81
MW-18	2/26/2013	WH18130226-	--	--	5.69	48	9	--
MW-18	5/15/2013	WH18130515-	--	--	5.77	49	9.2	--
MW-18	11/15/2013	WH18131115-	--	--	5.71	50	9.9	--
MW-18	2/24/2014	WH18140224-	--	--	5.59	49	9	--
MW-18	6/2/2014	WH18140602-	--	--	5.6	51	9.4	--
MW-18	8/21/2014	WH18140821-	--	--	6.48	51	10.5	--
MW-18	8/21/2014	WH18140821D	--	--	6.48	51	10.5	--
MW-18	12/3/2014	WH18141203-	--	--	6.13	48	10.1	--
MW-18	2/24/2015	WH18150224-	--	--	6.14	30	9.5	--
MW-18	5/22/2015	WH18150522-	--	--	6.16	48	10	--
MW-18	12/2/2015	WH18151202-	--	--	6.05	45	10.2	--
MW-18	2/12/2016	WH18160212-	--	--	6.16	48	9.8	1.48
MW-18	5/23/2016	WH18160523-	--	--	6.37	52	11.3	--
MW-18	12/15/2016	WH18161215-	--	--	6.75	49	9.8	1.05
MW-18	2/24/2017	WH18170224-	--	--	5.92	48	9.4	0.69
MW-18	6/16/2017	WH18170616-	--	--	6.82	42	10.6	0.28
MW-18	8/25/2017	WH18170825-	--	--	6.11	42	11.2	0.18
MW-18	12/1/2017	WH18171201-	--	--	7.39	48	9.7	0.52
MW-18	3/1/2018	WH18180301-	--	--	6.33	55	8.7	0.58
MW-18	5/31/2018	WH18180531-	--	--	6.75	41	9.6	1.5
MW-18	12/7/2018	WH18181207-	--	--	6.24	50	8.5	0.89

Table J-2
Groundwater - Historical Field Parameters
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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
MW-18	3/11/2019	WH18190311-	--	--	6.44	46.04	8.9	0.35
MW-18	5/30/2019	WH18190530-	--	--	6.57	43.27	9.8	0.41
MW-18	3/6/2020	WH18200306-	--	--	5.99	49.02	9.1	1.45
MW-18	5/26/2020	WH18200526-	--	--	6.27	44.69	9.5	0.24
MW-18	2/10/2021	WH18210210-	--	--	5.88	32.16	9.128	0.53
MW-18	5/6/2021	WH18210506-	--	--	8.04	34.09	10.9	1.41
MW-18	11/30/2021	WH18211130-	4.47	412.9	5.58	46.1	9.99	0.61
MW-18	2/17/2022	WH18220217-	--	--	5.54	43.7	9.12	0.85
MW-18	6/15/2022	WH18220615-	--	--	5.44	39.2	8.65	0.96
MW-18	8/12/2022	WH18220812-	--	--	6	44.4	9.699	0.39
MW-18	12/13/2022	WH18221213-	--	--	5.66	44.6	9.42	0.26
MW-18	2/22/2023	WH18230222-	--	--	6.05	45.3	9.32	0.37
MW-18	5/22/2023	WH18230522-	--	--	6	43	8.43	0.22
MW-26	12/24/2019	WH26191224-	9.33	210.2	6.05	40.9	10.34	1.73
MW-26	3/5/2020	WH26200305-	8.49	193	7.24	40.9	7.83	15.9
MW-26	5/26/2020	WH26200526-	8.25	253.2	5.87	43.7	8.8	2.02
MW-26	8/18/2020	WH26200818-	5.69	420.2	5.76	46.4	10.41	4.86
MW-26	11/9/2020	WH26201109-	5.17	264.9	5.63	48.1	9.19	1.28
MW-26	2/9/2021	WH26210209-	8.18	372.4	5.55	35.6	7.584	9.48
MW-26	5/5/2021	WH26210505-	5.17	299.9	5.17	44.2	10.03	3.25
MW-26	8/2/2021	WH26210802-	5.76	201.9	5.41	45.9	11.21	0.48
MW-26	11/30/2021	WH26211130-	8.95	468	5.74	31.7	10.5	0.63
MW-26	11/30/2021	WH26211130D	8.95	468	5.74	31.7	10.5 10.5	0.63
MW-26	2/17/2022	WH26220217-	8.69	388.4	5.82	41.3	7.4	1.53
MW-26	6/14/2022	WH26220614-	8.55	238.7	5.64	40.9	9.1	2.7
MW-26	8/12/2022	WH26220812-	7.19	204.3	5.9	45.2	10.92	0.61
MW-26	8/12/2022	WH26220812D	7.19	204.3	5.9	45.2	10.92	0.61
MW-26	12/13/2022	WH26221213-	7.12	250.3	5.77	52.9	9.48	1.35
MW-26	2/22/2023	WH26230222-	10.26	211.2	5.66	48.8	7.79	0.93
MW-26	5/22/2023	WH26230522-	8.22	229.1	5.8	48.5	9.48	1.11
MW-26	8/31/2023	WH26230831-	6.1	468.7	5.11	53.6	11.08	1.8

Table J-2
Groundwater - Historical Field Parameters
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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
Deep Aquifer								
MW-3	3/1/2013	WH3-130301-	--	--	7.32	120	9.7	--
MW-3	5/22/2013	WH3-130522-	--	--	7.27	120	9.4	--
MW-3	8/27/2013	WH3-130827-	--	--	7.58	140	10.7	--
MW-3	11/20/2013	WH3-131120-	--	--	7.49	120	9.5	--
MW-3	2/24/2014	WH3-140224-	--	--	7.52	135	9.7	--
MW-3	2/24/2014	WH3-140224D	--	--	7.52	135	9.7	--
MW-3	5/28/2014	WH3-140528-	--	--	7.39	130	9.9	--
MW-3	8/19/2014	WH3-140819-	--	--	7.95	145	11.8	--
MW-3	11/25/2014	WH3-141125-	--	--	7.73	135	10.5	--
MW-3	2/25/2015	WH3-150225-	--	--	7.66	140	10.6	--
MW-3	6/3/2015	WH3-150603-	--	--	7.72	135	10.5	--
MW-3	8/11/2015	WH3-150811-	1.24	37	7.34	151.9	11.37	2.752
MW-3	11/20/2015	WH3-151120-	--	--	7.77	130	9.8	--
MW-3	2/12/2016	WH3-160212-	1.35	90	7.55	153.2	9.43	0.35
MW-3	5/24/2016	WH3-160524-	1.35	-2	7.58	153.6	9.98	0.34
MW-3	8/24/2016	WH3-160824-	1.58	0	7.24	155	11.46	0.34
MW-3	12/9/2016	WH3-161209-	1.13	50.4	7.41	152.3	9.02	0.39
MW-3	2/21/2017	WH3-170221-	1.55	43	7.53	155.7	9	0.33
MW-3	6/7/2017	WH3-170607-	1.36	194	6.74	155.8	10.46	0.47
MW-3	8/25/2017	WH3-170825-	1.96	77.4	7.59	154.4	10.7	0.16
MW-3	12/1/2017	WH3-171201-	3.13	97.5	7.44	149.7	8.516	0.32
MW-3	3/1/2018	WH3-180301-	1.52	125.5	7.09	154.1	8.99	0.71
MW-3	5/24/2018	WH3-180524-	1.62	117.9	6.92	155.8	10.17	1.7
MW-3	8/27/2018	WH3-180827-	2.5	307.5	6.88	147.3	11.27	0.53
MW-3	12/5/2018	WH3-181205-	--	--	7.22	150	9.3	0.32
MW-3	3/8/2019	WH3-190308-	1.62	55.4	7.56	154.8	8.48	0.35
MW-3	5/30/2019	WH3-190530-	1.3	-11.6	7.51	156.2	10.33	0.78
MW-3	9/3/2019	WH3-190903-	1.61	2.7	7.76	158.7	11.79	0.33
MW-3	11/22/2019	WH3-191122-	--	--	7.27	151	9.71	0.22
MW-3	3/4/2020	WH3-200304-	1.43	269.7	6.91	163.7	9.22	0.74
MW-3	5/21/2020	WH3-200521-	1.5	65.3	7.34	144.2	9.37	0.28
MW-3	8/17/2020	WH3-200817-	2.83	253.4	7.5	158.5	19.86	0.19
MW-3	11/9/2020	WH3-201109-	1.84	250.9	7.31	141.8	9.893	0.32

Table J-2
Groundwater - Historical Field Parameters
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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
MW-3	2/8/2021	WH3-210208-	2.33	292.7	7.14	135.1	9.05	0.75
MW-3	5/6/2021	WH3-210506-	0.96	153.7	7.33	147.9	9.48	0.39
MW-3	8/2/2021	WH3-210802-	1.62	379.1	7.18	143	10.06	0.34
MW-3	11/30/2021	WH3-211130-	1.7	31.9	7.2	136.3	10.114	0.43
MW-3	2/16/2022	WH3-220216-	1.4	39.5	7.3	136.7	9.39	0.28
MW-3	6/14/2022	WH3-220614-	1.53	54.4	7.01	134	9.45	1.21
MW-3	8/11/2022	WH3-220811-	1.45	89.5	7.49	144.5	10.21	0.42
MW-3	12/12/2022	WH3-221212-	1.15	147.7	7.34	146.3	9.74	0.14
MW-3	2/22/2023	WH3-230222-	1.64	95.6	7.27	134.9	8.44	0.33
MW-3	5/22/2023	WH3-230522-	1.32	315.9	6.96	143.7	9.87	0.37
MW-3	8/30/2023	WH3-230830-	1.34	94.3	7.48	146.4	11.16	1.61
MW-7	2/28/2013	WH7-130228-	--	--	7.36	240	9.5	--
MW-7	5/16/2013	WH7-130516-	--	--	7.25	230	10.1	--
MW-7	8/20/2013	WH7-130820-	--	--	7.7	250	10.2	--
MW-7	11/19/2013	WH7-131119-	--	--	7.27	230	9.9	--
MW-7	2/20/2014	WH7-140220-	--	--	7.33	220	9.4	--
MW-7	5/22/2014	WH7-140522-	--	--	7.56	250	10.1	--
MW-7	8/15/2014	WH7-140815-	--	--	7.27	265	10.6	--
MW-7	12/2/2014	WH7-141202-	--	--	7.16	230	9.6	--
MW-7	2/26/2015	WH7-150226-	--	--	7.56	230	9.9	--
MW-7	5/22/2015	WH7-150522-	--	--	7.59	230	10.1	--
MW-7	8/10/2015	WH7-150810-	4.39	355	7.51	299.3	11.86	--
MW-7	11/10/2015	WH7-151110-	--	--	7.46	225	9.5	--
MW-7	2/16/2016	WH7-160216-	6.71	236	7.66	283.1	9.87	0.46
MW-7	5/24/2016	WH7-160524-	4.82	87	7.49	289.9	10.25	0.87
MW-7	8/23/2016	WH7-160823-	5.99	221.7	7.47	293.9	10.95	0.46
MW-7	12/12/2016	WH7-161212-	9.46	196	6.95	287.7	9.67	0.2
MW-7	2/21/2017	WH7-170221-	7.02	120	7.25	287.8	9.14	1.03
MW-7	6/14/2017	WH7-170614-	4.37	404	7.35	285.1	10.53	0.19
MW-7	8/24/2017	WH7-170824-	6.61	200	6.97	289.1	11.18	0.17
MW-7	12/1/2017	WH7-171201-	8.93	264.5	7.5	285.9	9.96	0.24
MW-7	3/1/2018	WH7-180301-	6.18	135	7.47	278.9	9.6	0.33
MW-7	5/29/2018	WH7-180529-	4.83	227.6	7.13	282.4	10.2	1.54
MW-7	8/22/2018	WH7-180822-	5.46	393.1	6.91	277.1	11.22	0.5
MW-7	8/22/2018	WH7-180822D	5.46	393.1	6.91	277.1	11.22	0.5
MW-7	11/30/2018	WH7-181130-	10.56	232.9	7.48	284.2	9.96	0.5

Table J-2
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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
MW-7	3/8/2019	WH7-190308-	7.78	161.6	7.32	278.9	9.42	0.19
MW-7	3/8/2019	WH7-190308D	7.78	161.6	7.32	278.9	9.42	0.19
MW-7	5/29/2019	WH7-190529-	6.16	96.5	7.16	280.3	9.9	0.31
MW-7	9/3/2019	WH7-190903-	11.2	196.9	7.68	277.7	10.48	1.02
MW-7	11/22/2019	WH7-191122-	12.8	217.3	7.49	266.7	9.49	1.57
MW-7	3/2/2020	WH7-200302-	12.51	260.7	6.49	252.6	9.65	0.76
MW-7	5/21/2020	WH7-200521-	6.07	269.2	7.47	273.3	9.9	1.5
MW-7	8/17/2020	WH7-200817-	6.03	339.7	7.2	273.7	10.96	0.39
MW-7	11/12/2020	WH7-201112-	10.88	216.9	7.45	253.9	9.8	0.43
MW-7	2/12/2021	WH7-210212-	8.11	372.3	7.28	232.3	9.401	0.23
MW-7	5/5/2021	WH7-210505-	6.16	332.6	7.12	250.1	10.26	0.7
MW-7	8/4/2021	WH7-210804-	6.23	182.8	7.06	243.1	10.38	0.74
MW-7	12/1/2021	WH7-211201-	10.27	215.6	7.07	239.7	10.29	0.56
MW-7	2/16/2022	WH7-220216-	7.27	265.2	7.27	235	9.73	0.26
MW-7	6/14/2022	WH7-220614-	5.82	136.5	7.24	227.1	10.79	0.35
MW-7	8/9/2022	WH7-220809-	5.6	131.1	7.52	242.6	10.01	3
MW-7	12/12/2022	WH7-221212-	10.97	82.3	7.69	221.2	9.54	0.55
MW-7	2/23/2023	WH7-230223-	8.65	204.7	7.22	225.4	8.53	0.26
MW-7	5/22/2023	WH7-230522-	7.08	188	7.39	242	9.1	0.28
MW-7	8/30/2023	WH7-230830-	11.1	229.3	8.04	239.3	11.39	0.81
MW-25	2/25/2013	WH25130225-	--	--	7.93	98	9.3	--
MW-25	5/28/2013	WH25130528-	--	--	7.74	93	8.7	--
MW-25	8/19/2013	WH25130819-	--	--	7.85	100	9.4	--
MW-25	11/21/2013	WH25131121-	--	--	7.74	91	8.2	--
MW-25	2/25/2014	WH25140225-	--	--	7.54	95	8.4	--
MW-25	6/4/2014	WH25140604-	--	--	7.62	95	8.9	--
MW-25	8/15/2014	WH25140815-	--	--	7.48	92	9.5	--
MW-25	12/2/2014	WH25141202-	--	--	7.39	100	8.3	--
MW-25	2/24/2015	WH25150224-	--	--	8.24	110	8.6	--
MW-25	5/22/2015	WH25150522-	--	--	7.92	99	9.7	--
MW-25	5/22/2015	WH25150522D	--	--	7.92	99	9.7	--
MW-25	8/10/2015	WH25150810-	1.92	261	7.17	106.8	9.94	-0.7704
MW-25	11/12/2015	WH25151112-	--	--	7.95	98	9.6	--

Table J-2
Groundwater - Historical Field Parameters
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Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(°C)	(NTU)
MW-25	2/12/2016	WH25160212-	1.83	219	7.89	106.1	8.55	0.31
MW-25	5/25/2016	WH25160525-	1.42	348	7.94	106.2	8.95	0.67
MW-25	8/29/2016	WH25160829-	2.3	219	7.41	108	9.6	1.13
MW-25	12/15/2016	WH25161215-	1.37	295.3	7.76	107.5	8.45	0.26
MW-25	12/15/2016	WH25161215D	1.37	295.3	7.76	107.5	8.45	0.26
MW-25	2/22/2017	WH25170222-	1.26	399	7.28	107.6	8.35	0.71
MW-25	6/7/2017	WH25170607-	1.36	300	7.01	108.4	9.26	0.28
MW-25	8/24/2017	WH25170824-	1.74	236	7.95	111.4	9.43	0.2
MW-25	12/1/2017	WH25171201-	1.53	186.7	7.89	108.1	8.61	0.19
MW-25	3/1/2018	WH25180301-	2.27	122.8	7.47	109.2	8.62	0.32
MW-25	5/31/2018	WH25180531-	1.52	241.3	6.72	109.7	8.72	0.61
MW-25	8/27/2018	WH25180827-	1.47	213.9	7.12	106.8	9.21	0.17
MW-25	12/7/2018	WH25181207-	1.56	168.6	7.6	109.3	8.5	0.24
MW-25	3/11/2019	WH25190311-	0.92	253.8	8	108.7	8.35	0.16
MW-25	5/30/2019	WH25190530-	1.63	283.5	7.16	106.8	8.95	0.74
MW-25	9/3/2019	WH25190903-	1.56	97.9	7.92	110.3	9.81	2.13
MW-25	11/26/2019	WH25191126-	1.97	191.7	7.34	109.7	8.53	1.07
MW-25	11/26/2019	WH25191126D	1.97	191.7	7.34	109.7	8.53	1.07
MW-25	3/5/2020	WH25200305-	2.32	165.8	7.5	109.4	8.09	0.34
MW-25	5/26/2020	WH25200526-	1.61	162.8	7.85	101.7	8.82	0.45
MW-25	8/18/2020	WH25200818-	1.51	373.8	7.6	109.7	9.44	0.32
MW-25	11/9/2020	WH25201109-	1.66	225.6	7.75	102.7	8.55	3.65
MW-25	2/16/2021	WH25210216-	1.49	134.5	7.68	100	7.9	0.31
MW-25	5/5/2021	WH25210505-	1.72	260.6	7.47	106.6	9.136	0.18
MW-25	8/3/2021	WH25210803-	1.6	432.7	7.43	103.2	9.53	0.18
MW-25	12/1/2021	WH25211201-	0.95	444.1	7.57	104	8.88	0.18
MW-25	2/16/2022	WH25220216-	1.07	68	7.71	97.9	8.39	0.21
MW-25	6/15/2022	WH25220615-	0.84	89.6	7.66	95.3	8.95	0.35
MW-25	8/11/2022	WH25220811-	0.97	77.9	7.98	101.1	10.08	6.22
MW-25	12/12/2022	WH25221212-	1.38	137.8	7.81	98.2	7.94	0.14
MW-25	12/12/2022	WH25221212D	1.38	137.8	7.81	98.2	7.94	0.14
MW-25	2/22/2023	WH25230222-	1	167.1	7.89	101.3	8.3	0.31
MW-25	5/22/2023	WH25230522-	0.76	83.1	7.76	101.3	8.92	0.37
MW-25	5/22/2023	WH25230522D	0.76	83.1	7.76	101.3	8.92	0.37
MW-25	8/31/2023	WH25230831-	1.07	88.4	7.61	106.5	9.96	1.5

Table J-2
Groundwater - Historical Field Parameters
January 1, 2013 - September 30, 2023

Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field)	Oxidation-Reduction Potential (ORP) (Field)	pH (Field)	Specific Conductance (Field)	Temperature (Field)	Turbidity (Field)
Well #	Sample Date	Sample ID	(mg/L)	(mV)	(std. units)	(µmhos/cm)	(^{o}C)	(NTU)
Field Blanks								
FIELD BLANK	11/21/2013	WH25131121F	--	--	6.42	4.6	8.7	--
FIELD BLANK	2/20/2014	WH7-140220F	--	--	7.17	100	9.8	--
FIELD BLANK	5/28/2014	WH3-140528F	--	--	7.59	6.2	14.1	--
FIELD BLANK	12/2/2014	WH4-141202F	--	--	7.54	2.5	4.9	--
FIELD BLANK	5/23/2016	WH4-160523F	--	--	9.41	1	14	--
FIELD BLANK	6/14/2017	WH7-170614F	--	--	8.48	1.4	14.1	--
FIELD BLANK	8/28/2017	WH10170828F	--	--	8.06	1.8	19.7	--
FIELD BLANK	5/31/2018	WH18180531F	--	--	6.83	1.9	14.3	--
FIELD BLANK	11/30/2018	WH7-181130F	--	--	8.22	1.9	8.3	--
FIELD BLANK	3/2/2020	WH7-200302F	--	--	7.87	0.66	7.6	--
FIELD BLANK	8/17/2020	WH3-200817F	--	--	5.01	0.9	24.05	--
FIELD BLANK	11/12/2020	WH7-201112F	--	--	4.75	1.1	6.86	--
FIELD BLANK	8/3/2021	WH11210803F	8.49	208.7	5.64	0.6	22.03	0.15
FIELD BLANK	2/16/2022	WH7-220216F	--	--	6.5	0.8	9.21	--
FIELD BLANK	6/14/2022	WH26220614F	--	--	5.54	0.9	11.9	--
FIELD BLANK	9/1/2023	WH6-230901F	--	--	6.07	0.4	17.63	--

Notes:

-- = parameter was not sampled for

See Appendix A for qualifier definitions.

Table J-3
Groundwater - Historical Conventionals
January 1, 2013 - September 30, 2023

Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Shallow Aquifer												
MW-1	2/28/2013	WH1-130228-	37.4	0.153	4.47	0.014 T	92.4	4.78	58.8	1.11	61.9	1 U
MW-1	2/28/2013	WH1-130228D	37.3	0.166	3.38	0.012 T	92.8	4.66	59.3	1 U	63.7	1.2 T
MW-1	5/16/2013	WH1-130516-	36.1	0.01 U	2.62	0.01 U	92.8	4.69	70	1.62	69.5	1.4
MW-1	8/20/2013	WH1-130820-	33.9	0.163	10.9	0.0452	88.8	4.63	61.5	1 U	62.5	1 U
MW-1	11/19/2013	WH1-131119-	25.9	0.01 U	1.37	0.213	77.5	4.97	61.5	2.61	63.5	1
MW-1	2/20/2014	WH1-140220-	24.6	0.0342	1.07	0.0404	69.3	5.91	52	1.8	57.4	1.2
MW-1	5/27/2014	WH1-140527-	35.1	0.257	3.19	0.01 U	91.7	4.97	59.9	1.02	62.3	3.2
MW-1	8/20/2014	WH1-140820-	33.7	0.328	2.64	0.02 T	84.2	4.44	64.1	1 U	64.1	1 U
MW-1	12/3/2014	WH1-141203-	36.2	0.055	0.784	0.01 U	78.5	4.39	63.1	1.75	57.9	1 U
MW-1	2/25/2015	WH1-150225-	47.3	0.217	5.97	0.028 T	108	4.48	75.3	1.32	71.9	1.8 T
MW-1	5/22/2015	WH1-150522-	34.2	0.22 T	20.1	0.038 T	93.4	4.34	62.2	1 U	64.5	1 U
MW-1	8/11/2015	WH1-150811-	36.6	0.19	2.19	0.01 U	92.2	4.48	64.1	1.18	72.2	9.07
MW-1	11/10/2015	WH1-151110-	24.8	0.01 U	1.01	1.3	87.5	6.19	59.3	2	65.3	1 U
MW-1	2/16/2016	WH1-160216-	25.2	0.0929	1.38	0.205	68	3.99	42.7	1.45	52	8.8
MW-1	5/24/2016	WH1-160524-	29.6	0.248	2.06	0.012 T	84.1	4.26	55.3	1 U	74	5.5
MW-1	8/23/2016	WH1-160823-	29.5	0.178	2	0.012 T	83.5	4.21	58	1 U	62	2.8
MW-1	12/12/2016	WH1-161212-	22.2	0.0435	0.685	0.021 T	55.7	3.72	46.7	1.71	50	2.1
MW-1	2/21/2017	WH1-170221-	32.7	0.118	2.27	0.032 T	87.6	3.69	72.7	1.11	78	2.3
MW-1	6/9/2017	WH1-170609-	29.3	0.273	3.16	0.01 U	85.3	4.63	58.7	1 T	60	6
MW-1	8/24/2017	WH1-170824-	25.6	0.231	2.78	0.016 T	75.9	4.22	52.7	0.69 T	60	3.7
MW-1	12/1/2017	WH1-171201-	16.3	0.002 U	0.654	0.483	51.8	3.81	38.7	2.37	44	3.5
MW-1	3/1/2018	WH1-180301-	32.1	0.154	2.79	0.037 T	84.1	4.16	61.3	1.44	67.7	4.4
MW-1	5/29/2018	WH1-180529-	26.7	0.217	2.97	0.01 U	79.4	4.17	51.1	0.76 T	55.1	2.6
MW-1	8/28/2018	WH1-180828-	25.3	0.157	2.99	0.01 U	76.1	4.02	53.8	0.93 T	61.7	3.28
MW-1	11/30/2018	WH1-181130-	22.8	0.002 U	1.29	0.654	66.7	4.09	51.8	2.19	51.2	1.2
MW-1	3/8/2019	WH1-190308-	19.2	0.015	0.748	0.044	56.6	4.05	42.1	1.58	51.3	3.9
MW-1	5/29/2019	WH1-190529-	28.9	0.131	8.69	0.01 U	101	3.61	70.3	0.87 T	77.8	3.6
MW-1	5/29/2019	WH1-190529D	28.7	0.132	8.66	0.01 U	101	3.61	68.2	0.7 T	76.8	3.8
MW-1	8/28/2019	WH1-190828-	25.6	0.108	8.33	0.01 U	96.1	3.46	72	1.02	80.7	1.9
MW-1	8/28/2019	WH1-190828D	25.7	0.107	8.56	0.01 U	95.3	3.32	74	1.08	82	2
MW-1	11/22/2019	WH1-191122-	25.2	0.0039 T	0.784	0.0811	64.9	3.73	51.3	3.28	61.3	1.6
MW-1	3/2/2020	WH1-200302-	32.1	0.116	5.55	0.023 T	95.8	4.08	70.7	0.85 T	74.7	5.64
MW-1	5/21/2020	WH1-200521-	26.6	0.13	5.06	0.01 U	88.4	4.02	62	0.99 T	67	7.2
MW-1	8/17/2020	WH1-200817-	26.4	0.151	4.06	0.01 U	84.9	3.85	60	1.05	65.3	2.7
MW-1	11/12/2020	WH1-201112-	21.5	0.0026 T	3.42	0.67	73.8	3.89	49.3	2.94	52	3.8

Table J-3
Groundwater - Historical Conventionals
January 1, 2013 - September 30, 2023

Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-1	2/12/2021	WH1-210212-	33.2	0.0367	2.68	0.016 T	88.3	4.04	57.3	1.17	64	2.5
MW-1	5/5/2021	WH1-210505-	28.2	0.0951	4.43	0.01 U	84.8	4.17	57.3	0.64 T	58	3.58
MW-1	5/5/2021	WH1-210505D	28.1	0.0934	4.41	0.01 U	85	4.14	59.3	0.61 T	56	3.6
MW-1	8/4/2021	WH1-210804-	26.6	0.0813	4.04	0.01 U	81.7	4.36	45.3	0.92 T	61.3	3
MW-1	12/1/2021	WH1-211201-	20.4	0.0021 T	1.14	0.186	60.3	3.92	40	2.33	40	1.7
MW-1	2/16/2022	WH1-220216-	28.3	0.0621	6.71	0.021 T	93.5	3.74	57.3	0.89 T	61.3	2.9
MW-1	6/14/2022	WH1-220614-	32.5	0.0571	1.37	0.026 T	74.8	2.79	51.3	1.53	58	2.2
MW-1	8/9/2022	WH1-220809-	24	0.149	4.49	0.01 U	72.5	3.93	54	0.87 T	56	3.8
MW-1	12/12/2022	WH1-221212-	11.5	0.002 U	4.08	3.37	77.6	3.43	61.3	2.58	68	5.9
MW-1	2/23/2023	WH1-230223-	15.8	0.002 U	0.772	0.857	52.1	4.03	40	2.15	47.3	5.52
MW-1	5/22/2023	WH1-230522-	19.2	0.0171	10.9	0.01 U	88.4	3.83	58	1.1 T	74.7	4.2
MW-1	8/30/2023	WH1-230830-	20.5	0.0218	11	0.01 U	93.7	3.96	62	0.91 T	80	2.3
MW-4	3/1/2013	WH4-130301-	10.7	0.01 U	2.4	0.634	42.7	2.43	30.8	1 U	31	1 U
MW-4	5/23/2013	WH4-130523-	10.8	0.01 U	2.94	0.325	40.9	2.39	31.5	1 U	30.9	1 U
MW-4	8/22/2013	WH4-130822-	18.7	0.01 U	0.914	0.352	55	2.5	41.1	1 U	42.3	1 U
MW-4	11/21/2013	WH4-131121-	15.5	0.01 U	1.44	0.455	51.2	2.29	46.2	1 U	47.9	1 U
MW-4	2/25/2014	WH4-140225-	13.8	0.01 U	3.76	0.526	47.9	2.58	41.7	1 U	43.3	1 U
MW-4	5/27/2014	WH4-140527-	12.7	0.01 U	3.58	0.284	41.6	2.46	31.3	1 U	33	1 U
MW-4	8/15/2014	WH4-140815-	21.1	0.01 U	1.56	0.473	59.1	2.38	48.8	1 U	52.7	3.37
MW-4	12/2/2014	WH4-141202-	17.2	0.01 U	1.29	0.548	46.9	2.44	43.4	1 U	40.3	1.09
MW-4	2/24/2015	WH4-150224-	11.7	0.011 T	11.6	0.579	42.5	2.47	27.9	1 U	30.4	1 U
MW-4	6/3/2015	WH4-150603-	12.8	0.01 U	1.67	0.51	47.4	2.46	42.6	1 U	38.7	1 U
MW-4	8/11/2015	WH4-150811-	19.3	0.01 U	1.15	0.526	58.5	2.71	47.3	1 U	50.5	6.7
MW-4	11/24/2015	WH4-151124-	10.9	0.01 U	1.27	0.848	46	2.58	24.7	1 U	56	28.2
MW-4	2/12/2016	WH4-160212-	9.23	0.01 U	2.21	0.919	40.3	2.06	29.3	1 U	32.7	6.53
MW-4	2/12/2016	WH4-160212D	9.52	0.01 U	2.21	0.919	39.9	2.06	30	1 U	35.3	9.1
MW-4	5/23/2016	WH4-160523-	12.7	0.01 U	1.66	0.507	46.8	2.57	30.7	1 U	40	9.2
MW-4	8/24/2016	WH4-160824-	20.1	0.01 U	1.04	0.529	62.1	2.45	45.3	1 U	48.7	8.5
MW-4	12/12/2016	WH4-161212-	12.4	0.01 U	0.909	0.362	38.3	2.8	38.7	1 U	49.3	16.7
MW-4	2/21/2017	WH4-170221-	9.38	0.01 U	2.54	0.405	42	2.47	30 J	1 U	42.7 J	26.5 J
MW-4	6/8/2017	WH4-170608-	10.8	0.002 U	2.39	0.246	41.2	2.51	34	0.69 T	40	8
MW-4	8/25/2017	WH4-170825-	18	0.002 U	1.83	0.415	57	2.45	47.3	0.5 U	58	11.6
MW-4	12/1/2017	WH4-171201-	10.8	0.002 U	1.68	0.585	41.3	2.41	30.7	0.5 U	44.7	14.1
MW-4	3/1/2018	WH4-180301-	10	0.002 U	2.41	0.486	41.2	2.22	36.2	0.66 T	41.3	3.8
MW-4	5/29/2018	WH4-180529-	10.8	0.0024 T	2.27	0.292	40.4	2.42	29.3	0.5 U	29.9	1.6
MW-4	8/27/2018	WH4-180827-	16.2	0.002 U	1.7	0.341	53.5	2.41	37.1	0.55 T	46.1	5
MW-4	12/5/2018	WH4-181205-	12.9	0.002 U	1.63	0.622	42.9	2.39	38.5	0.5 U	41.7	1 T

Table J-3
Groundwater - Historical Conventionals
January 1, 2013 - September 30, 2023

Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-4	3/8/2019	WH4-190308-	10.6	0.002 U	2.21	0.659	43.4	2.14	38.7	0.56 T	51 HT	2.5
MW-4	5/30/2019	WH4-190530-	10.2	0.002 U	3.99	0.373	45.9	2.09	35.1	0.5 U	42.7	8.2
MW-4	8/28/2019	WH4-190828-	16.3	0.002 U	2.93	0.392	56.3	2.1	45.3	0.5 U	48.7	5.9
MW-4	11/22/2019	WH4-191122-	15.6	0.002 U	2.45	0.55	52.8	2.27	46	0.87 T	52	1.3
MW-4	3/4/2020	WH4-200304-	8.56	0.002 U	2.86	0.509	39.5	1.92	36.7	0.5 U	42	6.5
MW-4	5/21/2020	WH4-200521-	10.1	0.002 U	2.61	0.529	43.8	1.98	34.7	0.51 T	41.3	1.8
MW-4	5/21/2020	WH4-200521D	10.2	0.002 U	2.61	0.529	43.5	1.98	34.7	0.5 U	36.7	1.6
MW-4	8/17/2020	WH4-200817-	19.3	0.0151	0.985	0.337	56.7	2.19	51.3	0.6 T	58	5.8
MW-4	11/9/2020	WH4-201109-	19.8	0.002 U	2.34	0.294	65.3	2.15	47.3	0.88 T	53.3	5.67
MW-4	2/8/2021	WH4-210208-	10	0.002 U	2.56	0.757	42.1	1.86	36	0.5 U	38.7	3.4
MW-4	5/5/2021	WH4-210505-	10.5	0.002 U	2.87	0.591	42.9	1.96	28	0.5 U	26	1.2
MW-4	8/2/2021	WH4-210802-	13.9	0.002 U	0.68	0.289	42.3	2.38	48.7	0.5 U	44.7	6.6
MW-4	11/30/2021	WH4-211130-	10.5	0.002 U	1.5	0.647	40.7	2.05	23.3	0.53 T	29.3	2.8
MW-4	2/16/2022	WH4-220216-	8.9	0.002 U	3.65	0.705	43	1.68	28.7	0.5 U	30.7	8.1
MW-4	6/14/2022	WH4-220614-	11.9	0.002 U	3.08	0.35	44	1.98	33.3	0.58 T	43.3	9.1
MW-4	8/12/2022	WH4-220812-	12.8	0.002 U	2.38	0.366	43.6	1.96	40.7	0.5 U	46	8.9
MW-4	12/12/2022	WH4-221212-	10.8	0.002 U	2.91	0.905	46	1.96	37.3	0.52 T	36.7	7.3
MW-4	2/22/2023	WH4-230222-	9.34	0.002 U	5.8	0.814	49.7	1.91	43.3	0.5 U	48	5.5
MW-4	5/22/2023	WH4-230522-	9.43	0.002 U	5.48	0.628	50	1.83	37 T	0.52 T	46.7	3.9
MW-4	8/30/2023	WH4-230830-	11.5	0.002 U	3.12	0.5	46.5	2.14	34 T	0.5 U	37 T	2.4
MW-6	2/27/2013	WH6-130227-	49.8	0.01 U	3.25	0.271	119	4.09	82.4	1 U	86.5	1 U
MW-6	5/23/2013	WH6-130523-	48.7	0.01 U	3.22	0.269	118	3.76	88	1 U	87.4	1 U
MW-6	5/23/2013	WH6-130523D	48.6	0.01 U	3.26	0.274	117	3.75	85.4	1 U	86.1	1 U
MW-6	8/27/2013	WH6-130827-	46.9	0.01 U	3.7	0.152	110	4.52	91.4	1 U	96.5	8.8
MW-6	11/25/2013	WH6-131125-	42.8	0.01 U	2.92	0.0694	114	4.27	82.5	1 U	88.1	1 U
MW-6	2/24/2014	WH6-140224-	52.6	0.01 U	2.89	0.26	124	4.1	90	1 U	94.9	1 U
MW-6	5/30/2014	WH6-140530-	48.2	0.01 U	3	0.268	114	4.05	84.9	1 U	87.4	1 U
MW-6	8/15/2014	WH6-140815-	46.5	0.01 U	2.79	0.225	109	4.08	89.6	1 U	90	1 U
MW-6	12/2/2014	WH6-141202-	49	0.01 U	2.84	0.151	113	4.37	80.7	1 U	88.7	1.51
MW-6	2/24/2015	WH6-150224-	48.2	0.01 U	2.89	0.295	112	3.88	82.5	1 U	89.3	2.2
MW-6	6/3/2015	WH6-150603-	46	0.01 U	2.81	0.271	113	3.95	86.1	1 U	91.3	1 U
MW-6	8/13/2015	WH6-150813-	45.3	0.01 U	2.78	0.166	111	4.37	77.5	1 U	77.5	4.7
MW-6	11/20/2015	WH6-151120-	45.1	0.01 U	2.75	0.0946	115	4.55	70	1 U	74	5.8
MW-6	2/16/2016	WH6-160216-	46.6	0.01 U	2.54	0.315	109	3.81	76	1 U	83.3	4.4
MW-6	5/25/2016	WH6-160525-	47.3	0.01 U	2.49	0.305	118	3.81	83.3	1 U	87.3	3
MW-6	8/29/2016	WH6-160829-	42.4	0.01 U	2.36	0.165	110	3.84	80.7	1 U	78	1 U
MW-6	8/29/2016	WH6-160829D	42.2	0.01 U	2.35	0.164	109	3.8	74	1 U	79.3	1 U
MW-6	12/12/2016	WH6-161212-	46.9	0.01 U	2.33	0.29	103	3.81	89.3	1 U	90	1 U

Table J-3
Groundwater - Historical Conventionals
January 1, 2013 - September 30, 2023

Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-6	2/22/2017	WH6-170222-	48.2	0.01 U	2.51	0.38	120	3.92	87.3	1 U	90.7	1
MW-6	2/22/2017	WH6-170222D	48.1	0.01 U	2.4	0.381	121	3.65	86	1 U	92	1 U
MW-6	6/9/2017	WH6-170609-	44.7	0.002 U	2.62	0.393	111	4.09	78	0.68 T	87.3	1.1
MW-6	8/28/2017	WH6-170828-	44.8	0.002 U	2.53	0.312	109	3.95	84.7	0.5 U	89.3	0.5 U
MW-6	12/4/2017	WH6-171204-	42.2	0.002 U	2.5	0.238	103	3.82	68.7	0.5 U	80.7	6.8
MW-6	12/4/2017	WH6-171204D	43.3	0.002 U	2.52	0.24	105	3.85	76.7	0.5 U	82	4.4
MW-6	3/2/2018	WH6-180302-	45.9	0.002 U	2.74	0.304	111	3.8	84.5	0.56 T	89.1	0.6 T
MW-6	3/2/2018	WH6-180302D	46	0.002 U	2.72	0.301	111	3.78	84.8	0.5 U	86.1	0.6 T
MW-6	5/31/2018	WH6-180531-	44.9	0.002 U	2.76	0.329	110	3.76	80.7	0.59 T	88.5	6
MW-6	8/28/2018	WH6-180828-	42.2	0.002 U	2.6	0.214	105	3.83	76.9	0.5 U	78.8	0.5 U
MW-6	12/5/2018	WH6-181205-	42.9	0.002 U	2.76	0.098	98.4	4.31	77.3	0.5 U	81.8	1.3
MW-6	3/8/2019	WH6-190308-	43.1	0.002 U	2.69	0.275	108	3.75	82	0.53 T	85.9	1.9
MW-6	5/29/2019	WH6-190529-	45.9	0.002 U	2.83	0.295	110	3.72	81.1	0.5 U	86.7	1.2 T
MW-6	8/28/2019	WH6-190828-	37.7	0.0119	3.2	0.236	96.3	3.31	79 H	0.6 T	77.3	1.8
MW-6	11/26/2019	WH6-191126-	42.7	0.002 U	2.87	0.113	101	4.18	82	0.65 T	89.3	3.2
MW-6	3/4/2020	WH6-200305-	43.6	0.002 U	3.5	0.267	111	3.68	82	0.5 U	84.7	1.3
MW-6	5/26/2020	WH6-200526-	43.7	0.0027 T	3.29	0.28	113	3.4	80.7	0.5 U	82	0.7 T
MW-6	8/17/2020	WH6-200817-	42.8	0.0052 T	3.29	0.236	112	3.57	88.7	0.5 U	87.3	1.5
MW-6	11/10/2020	WH6-201110-	40.1	0.002 U	2.94	0.113	103	4.05	73.3	0.5 U	71.3	1.1
MW-6	2/9/2021	WH6-210209-	45.1	0.002 U	3.76	0.268	113	3.73	84.7	0.81 T	85.3	0.95 T
MW-6	5/6/2021	WH6-210506-	45.1	0.002 U	3.66	0.282	112	3.62	40 J	0.5 U	89.3 J	14.2 J
MW-6	8/3/2021	WH6-210803-	39.7	0.002 U	3.33	0.239	101	3.6	80	0.5 U	81.3	3.16
MW-6	12/1/2021	WH6-211201-	42.3	0.002 U	3.74	0.223	108	3.42	73.3	0.5 T	74.7	0.5 U
MW-6	2/17/2022	WH6-220217-	45.1	0.002 U	3.57	0.307	113	3.45	68	0.5 U	66	0.97 T
MW-6	6/14/2022	WH6-220614-	46.5	0.002 U	3.77	0.314	113	3.47	80.7	0.5 U	83.3	3.69
MW-6	8/12/2022	WH6-220812-	45.4	0.002 U	3.53	0.29	108	3.4	85.3	0.5 U	86.7	1.3
MW-6	12/12/2022	WH6-221212-	42.5	0.002 U	3.16	0.125	103	3.95	74	0.5 U	75.3	1.2
MW-6	2/23/2023	WH6-230223-	45.1	0.002 U	4.4	0.254	109	3.67	78	0.52 T	83.3	3
MW-6	5/22/2023	WH6-230522-	45.3	0.002 U	4.59	0.306	113	3.57	80.7	0.5 U	86.7	1.5 T
MW-6	9/1/2023	WH6-230901-	42.9	0.002 U	4.28	0.195	109	3.89	78.7	0.5 U	81.3	0.9 T
MW-10	2/28/2013	WH10130228-	32.9	0.353	0.84	0.01 T	77.7	4.19	56.2	1.16	59.2	2.2
MW-10	5/21/2013	WH10130521-	32.9	0.349	1.63	0.01 U	77.9	4.2	62.6	1.46	62.4	2
MW-10	8/20/2013	WH10130820-	33.9	0.314	10	0.01 U	84.5	3.78	57.5	1 U	63.9	3.8
MW-10	11/26/2013	WH10131126-	37.7	0.339	1.46	0.014 T	91.6	3.57	62.3	1.37	65.2	1 U
MW-10	2/19/2014	WH10140219-	35.2	0.294	0.72	0.01 U	84.1	5.04	67.1	1.46	72.6	1 U
MW-10	6/2/2014	WH10140602-	35.4	0.303	0.344	0.01 U	80.5	3.88	59.2	1 U	60.3	2.22
MW-10	8/15/2014	WH10140815-	34	0.303	2.23	0.017 T	84	3.52	66.3	1 U	70.5	4.18
MW-10	12/3/2014	WH10141203-	40.3	0.349	1.92	0.01 U	90.8	4.07	67.1	1.05	71.5	1 U

Table J-3
Groundwater - Historical Conventionals
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Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-10	2/24/2015	WH10150224-	38.4	0.302	0.792	0.017 T	86.1	4.58	57.2	1 U	72.7	1 U
MW-10	5/18/2015	WH10150518-	29.3	0.265	1.03	0.014 T	77.7	3.44	53.5	1 U	58.4	2
MW-10	8/10/2015	WH10150810-	34.3	0.305	1.97	0.011 T	86	3.73	61.1	1 U	63.2	1 U
MW-10	11/20/2015	WH10151120-	36.3	0.259	1.96	0.017 T	91.4	3.98	44	1 U	50	3.6
MW-10	2/16/2016	WH10160216-	28	0.29	0.966	0.023 T	71.5	4.4	44.7	1.21	48.7	3.8
MW-10	5/25/2016	WH10160525-	28.3	0.247	1.51	0.019 T	75.7	3.24	44.7	1 U	50.7	1 U
MW-10	8/24/2016	WH10160824-	31.7	0.248	1.99	0.025 T	82.5	3.26	47.3	1 U	57.3	1 T
MW-10	12/12/2016	WH10161212-	36.1	0.277	1.17	0.018 T	79.5	3.83	57.3	1 U	67.3	4.4
MW-10	2/21/2017	WH10170221-	32.2	0.28	0.624	0.015 T	81.8	4.35	82.7 J	1 U	144 J	1.6 JT
MW-10	6/9/2017	WH10170609-	34.8	0.261	0.282	0.01 U	79.4	3.23	47.3	0.93 T	55.3	5.5
MW-10	8/28/2017	WH10170828-	32.9	0.253	2.28	0.011 T	81.6	2.77	59.3	0.5 U	61.3	3.6
MW-10	12/4/2017	WH10171204-	30	0.25	2.28	0.01 U	79.9	3.35	58	0.74 T	57.3	3.7
MW-10	2/26/2018	WH10180226-	28.8	0.228	0.575	0.022 T	72.5	4.19	56.1	1.06	57.9	1.7
MW-10	5/31/2018	WH10180531-	25.9	0.205	0.974	0.01 U	65.9	3.17	43.7	0.97 T	49.5	2
MW-10	8/28/2018	WH10180828-	28.8	0.209	2.55	0.01 T	79.3	2.92	63.5	0.76 T	64.1	2.68
MW-10	12/7/2018	WH10181207-	28.7	0.23	2.81	0.015 T	73.8	3.42	53.3	1.1	58.1	2
MW-10	3/8/2019	WH10190308-	26.8	0.202	0.762	0.025 T	71	4.2	53.7	1	56.7	1.6 T
MW-10	5/30/2019	WH10190530-	24.6	0.222	2.41	0.015 T	66.6	3.21	48.7	0.74 T	49.7	0.51 T
MW-10	8/28/2019	WH10190828-	24.1	0.219	6.1	0.019 T	80.3	2.46	61.3	0.75 T	70	0.5 U
MW-10	11/22/2019	WH10191122-	29.7	0.196	4.99	0.01 U	81.6	3.32	64.7	0.95 T	74	1.6
MW-10	3/4/2020	WH10200305-	27.6	0.208	0.607	0.01 U	71.7	3.63	60.7	0.93 T	53.3	2.2
MW-10	5/26/2020	WH10200526-	23.4	0.175	1.34	0.01 T	70.3	2.56	46.7 H	1	51.3	3.7
MW-10	8/18/2020	WH10200818-	32.1	0.248	0.793	0.01 U	76.9	2.75	60.7	0.95 T	62	2.9
MW-10	11/12/2020	WH10201112-	31.9	0.227	2.33	0.01 U	80.1	3.05	50	0.92 T	54	1.5
MW-10	2/11/2021	WH10210211-	34.1	0.199	1.01	0.01 U	80.4	3.57	41.3 J	1.11	61.3 J	4.4 J
MW-10	2/11/2021	WH10210211D	34.1	0.199	1.01	0.01 U	81	3.56	61 H	1.01	58	2.8
MW-10	5/7/2021	WH10210507-	24.3	0.158	1.07	0.01 U	61.3	2.78	38	0.51 T	41.3	2.97
MW-10	8/3/2021	WH10210803-	25.4	0.167	3.22	0.01 U	74.4	2.7	56	0.71 T	57.3	0.5 U
MW-10	12/1/2021	WH10211201-	29.8	0.184	2.49	0.01 U	80.2	3.03	43	1.07	48	1.3
MW-10	2/17/2022	WH10220217-	23.6	0.163	0.537	0.01 U	61.1	3.23	36.7	0.83 T	40.7	1.4 T
MW-10	6/15/2022	WH10220615-	32.2	0.159	0.363	0.011 T	69.2	2.59	48	0.68 T	52.7	1.2 T
MW-10	8/11/2022	WH10220811-	33.3	0.158	2.19	0.01 U	75.7	2.19	56	0.63 T	55	0.6 T
MW-10	12/12/2022	WH10221212-	36.3	0.167	3.34	0.01 U	88.3	2.68	55.3	0.81 T	54	1 U
MW-10	2/22/2023	WH10230222-	23.4	0.151	1.98	0.015 T	61.2	3.53	52.7	0.98 T	59.3	1
MW-10	5/23/2023	WH10230523-	23.1	0.129	0.51	0.01 U	58.5	3.66	37 T	0.86 T	42	1 T
MW-10	8/31/2023	WH10230831-	21.5	0.141	7.79	0.01 T	81.4	2.78	56	0.67 T	71 T	1.9 T

Table J-3
Groundwater - Historical Conventionals
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Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-11	2/27/2013	WH11130227-	18.9	0.01 U	2.63	0.599	60.7	2.71	42.8	1 U	43	1 U
MW-11	5/21/2013	WH11130521-	22.6	0.01 U	2.4	0.401	65.4	2.68	52.7	1 U	54.5	1 U
MW-11	8/22/2013	WH11130822-	34	0.01 U	10.1	0.308	85.2	2.87	60.3	1 U	59.2	1 U
MW-11	11/25/2013	WH11131125-	22.9	0.01 U	1.81	0.292	66	2.25	47.8	1 U	48.4	1 U
MW-11	2/28/2014	WH11140228-	13.8	0.01 U	2.63	0.852	52.3	2.12	30.5	1 U	33.8	1 U
MW-11	5/12/2014	WH11140512-	14.1	0.01 U	2.6	0.349	48.9	2.7	37.7	1 U	38.4	1 U
MW-11	8/15/2014	WH11140815-	28.7	0.01 U	2.25	0.323	75.6	2.68	57.9	1 U	58.2	1 U
MW-11	12/2/2014	WH11141202-	25.5	0.01 U	2.28	0.241	65	2.6	49.9	1 U	48.5	1 U
MW-11	2/24/2015	WH11150224-	15.5	0.01 U	2.28	0.672	51	2.54	37.5	1.06	37.2	1 U
MW-11	5/18/2015	WH11150518-	18.1	0.01 U	2.18	0.382	59.6	2.67	41.9	1 U	41.9	1 U
MW-11	8/13/2015	WH11150813-	37.5	0.01 U	2.14	0.314	91.7	2.71	58.5	1 U	60.6	1 U
MW-11	11/12/2015	WH11151112-	20.8	0.01 U	1.58	0.302	65.5	2.61	49.3	1 U	60	1 U
MW-11	2/16/2016	WH11160216-	12.5	0.01 U	2.44	0.928	50	2.79	31.3	1 U	34	1 U
MW-11	5/25/2016	WH11160525-	21.5	0.01 U	2.26	0.615	68.1	2.8	46	1 U	39.3	1 U
MW-11	8/24/2016	WH11160824-	40.2	0.01 U	1.86	0.3	100	2.42	66.7	1 U	70	1 U
MW-11	12/12/2016	WH11161212-	16.9	0.01 U	1.87	0.34	48.5	2.47	34	1 U	38	1 U
MW-11	2/24/2017	WH11170224-	10.1	0.01 U	2.68	0.919	49	2.14	34.7	1 U	36.7	1 U
MW-11	6/7/2017	WH11170607-	26.1	0.0021 T	2.62	0.3	74.9	3.07	54.7	0.61 T	54	0.5 U
MW-11	8/24/2017	WH11170824-	32.9	0.002 U	2.37	0.245	83.3	2.7	60	0.5 U	60.7	0.5 U
MW-11	12/1/2017	WH11171201-	19.2	0.002 U	2.08	0.21	60.5	2.47	40	0.5 U	38.7	0.5 U
MW-11	3/1/2018	WH11180301-	12.5	0.002 U	2.66	0.512	47.9	2.61	40.5	0.77 T	41.3	0.5 U
MW-11	5/29/2018	WH11180529-	14.8	0.002 U	2.47	0.354	51.1	2.71	37.4	0.5 U	37.7	0.5 U
MW-11	8/27/2018	WH11180827-	33.4	0.0023 T	2.38	0.37	87.2	2.64	58.4	0.5 U	62.5	0.5 U
MW-11	12/5/2018	WH11181205-	22	0.002 U	2.78	0.353	62.2	2.43	46.3	0.5 U	49.4	0.5 U
MW-11	3/11/2019	WH11190311-	18	0.002 U	3.23	0.406	62.1	2.68	44.7	0.59 T	49.6	0.5 U
MW-11	5/30/2019	WH11190530-	16.7	0.002 U	4.17	0.391	60.8	2.53	45.9	0.5 U	45.3	0.5 U
MW-11	8/28/2019	WH11190828-	36.8	0.002 U	3.22	0.396	94.4	2.33	66	0.5 U	66.7	0.5 U
MW-11	11/22/2019	WH11191122-	25.6	0.002 U	4.8	0.344	79.2	2.19	58	0.5 U	63.3	0.5 U
MW-11	3/4/2020	WH11200304-	11.8	0.002 U	3.04	0.615	49.7	2.27	36.7	0.58 T	34.7	0.5 U
MW-11	5/26/2020	WH11200526-	13.7	0.002 U	2.91	0.432	56.1	2.31	42.7	0.69 T	42.7	0.5 U
MW-11	8/18/2020	WH11200818-	29.9	0.0121	2.45	0.309	84.3	2.43	64.7	0.5 U	64.7	0.5 U
MW-11	11/10/2020	WH11201110-	23.6	0.0038 T	2.35	0.309	69.1	2.34	46.7	0.5 U	41.3	0.51 U
MW-11	2/11/2021	WH11210211-	12.5	0.002 U	2.86	0.696	50.6	2.4	30.7 J	0.86 T	48 J	0.52 JU
MW-11	5/5/2021	WH11210505-	15.2	0.002 U	3.34	0.526	55.9	2.54	40.7	0.5 U	38	0.5 U
MW-11	8/3/2021	WH11210803-	35.4	0.002 U	2.66	0.298	89.1	2.55	62.7	0.5 U	79.3	0.51 U
MW-11	11/30/2021	WH11211130-	18.4	0.002 U	2.99	0.405	59.6	2.09	28.7	0.59 T	32	0.5 U

Table J-3
Groundwater - Historical Conventionals
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Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-11	2/17/2022	WH11220217-	17.6	0.002 U	3.91	0.68	62.5	2.24	35.3	0.65 T	38.7	0.51 U
MW-11	6/15/2022	WH11220615-	18.5	0.002 U	3.35	0.284	57.6	2.38	42.7	0.5 U	43.3	0.5 U
MW-11	8/11/2022	WH11220811-	22.6	0.002 U	3.1	0.291	64.4	2.22	50.7	0.5 U	49.3	0.5 U
MW-11	12/12/2022	WH11221212-	20.6	0.002 U	2.83	0.358	61.9	2.32	47.3	0.5 U	39.3	0.5 U
MW-11	2/22/2023	WH11230222-	17.7	0.002 U	7.19	0.644	72	2.55	52	0.5 U	52	0.5 U
MW-11	2/22/2023	WH11230222D	17.9	0.002 U	7.25	0.641	71.6	2.56	53.3	0.5 T	58.7	0.5 U
MW-11	5/22/2023	WH11230522-	17.4	0.002 U	5.65	0.425	65.1	2.48	44.7	0.5 U	48.7	0.5 U
MW-11	8/31/2023	WH11230831-	34	0.002 U	5.16	0.54	96.6	2.5	62.7	0.5 U	66	0.5 U
MW-18	2/26/2013	WH18130226-	18.6	0.01 U	1.93	0.022 T	53	3.34	42.3	1 U	47.1	1 U
MW-18	5/15/2013	WH18130515-	17.7	0.01 U	1.62	0.0413	51	3.21	49.5	1 U	42.3	1 U
MW-18	11/15/2013	WH18131115-	18.8	0.01 U	1.3	0.109	55.7	2.96	52.7	1 U	53.6	1 U
MW-18	2/24/2014	WH18140224-	20.8	0.01 U	1.22	0.023 T	54.6	3.1	50.2	1 U	53.9	1.7
MW-18	6/2/2014	WH18140602-	24.1	0.01 U	1.66	0.038 T	62.8	3.05	45.4	1 U	42	1 U
MW-18	8/21/2014	WH18140821-	21.4	0.01 U	0.931	0.0993	52.8	2.67	46.5	1 U	47	1 U
MW-18	8/21/2014	WH18140821D	21.3	0.01 U	0.942	0.0992	52.5	2.68	49.5	1 U	49.1	1 U
MW-18	12/3/2014	WH18141203-	22.4	0.01 U	1.19	0.037 T	52.2	3.13	44.5	1 U	58.3	1.56
MW-18	2/24/2015	WH18150224-	18.2	0.021 T	1.41	0.048	49.7	2.99	46.3	1 U	54	1.59
MW-18	5/22/2015	WH18150522-	16.1	0.01 U	1.36	0.023 T	50.2	3.08	40.5	1 U	44	1 U
MW-18	12/2/2015	WH18151202-	16	0.01 U	1	0.117	50.3	3.71	38	1 U	41.3	1.3
MW-18	2/12/2016	WH18160212-	16.4	0.01 U	1.22	0.104	45.6	3.12	32.7	1 U	36.7	1.5
MW-18	5/23/2016	WH18160523-	15.5	0.01 U	1.31	0.127	49.7	3.15	38.7	1 U	41.3	1 U
MW-18	12/15/2016	WH18161215-	13.6	0.01 U	1.1	0.04 T	46	3.17	40	1 U	36.7	1 U
MW-18	2/24/2017	WH18170224-	16.5	0.01 U	1.08	0.0603	50.6	2.97	40.7	1 U	42	1 U
MW-18	6/16/2017	WH18170616-	13.6	0.002 U	1.49	0.022 T	44.8	3.4	39.3	0.55 T	38.7	0.5 U
MW-18	8/25/2017	WH18170825-	16.6	0.002 U	1	0.125	48.3	2.8	42.7	0.58 T	37.3	0.5 U
MW-18	12/1/2017	WH18171201-	15.7	0.002 U	1.09	0.0908	47.7	3.06	32	0.5 U	39.3	0.5 U
MW-18	3/1/2018	WH18180301-	16.2	0.002 U	1.15	0.0593	47.2	3.11	45.9	0.59 T	47.5	0.5 U
MW-18	5/31/2018	WH18180531-	14.6	0.0025 T	1.17	0.024 T	44.7	3.22	38	0.91 T	39.9	0.5 U
MW-18	12/7/2018	WH18181207-	16.4	0.002 U	1.08	0.101	45.5	2.92	39.5	0.54 T	44.5	0.5 U
MW-18	3/11/2019	WH18190311-	16.2	0.002 U	0.929	0.019 T	47.8	2.9	42.6	0.52 T	48	0.5 U
MW-18	5/30/2019	WH18190530-	14.9	0.002 U	1	0.024 T	44.1	3.03	40.8	0.5 U	43.1	1 U
MW-18	3/6/2020	WH18200306-	14.2	0.002 U	1.91	0.128	46.8	2.61	45.3	0.54 T	47.3	0.5 U
MW-18	5/26/2020	WH18200526-	14.9	0.002 U	1.47	0.044	46.7	2.37	42.7	0.64 T	38	1 U
MW-18	2/10/2021	WH18210210-	17.7	0.002 U	1.67	0.103	50.8	2.63	45.3	0.5 U	42	0.5 U
MW-18	5/6/2021	WH18210506-	16	0.002 U	1.62	0.0567	47.6	2.79	42	0.5 U	40	0.51 U
MW-18	11/30/2021	WH18211130-	17.8	0.002 U	1.57	0.0918	51.8	2.56	36.7	0.5 U	36.7	0.5 U

Table J-3
Groundwater - Historical Conventionals
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Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-18	2/17/2022	WH18220217-	16.6	0.002 U	1.51	0.1	49.4	2.57	28.7	0.5 U	32	0.5 U
MW-18	6/15/2022	WH18220615-	15.7	0.002 U	1.6	0.031 T	45.6	2.85	38	0.5 U	40.7	0.5 U
MW-18	8/12/2022	WH18220812-	15.7	0.002 U	1.81	0.0805	46.5	2.84	42.7	0.5 U	44	0.5 U
MW-18	12/13/2022	WH18221213-	18.8	0.002 U	1.23	0.106	50.4	2.43	39.3	0.5 U	36.7	0.5 U
MW-18	2/22/2023	WH18230222-	19.6	0.002 U	1.28	0.024 T	49.9	2.71	45.3	0.5 U	46	0.5 U
MW-18	5/22/2023	WH18230522-	16.7	0.0023 T	1.29	0.021 T	47	2.84	38 T	0.5 U	40.7	0.5 U
MW-26	12/24/2019	WH26191224-	12.5	0.002 U	1.17	0.505	38.9	1.61	33	0.53 T	37	1 U
MW-26	3/5/2020	WH26200305-	9.59	0.002 U	2.84	0.561	42.5	1.94	49.3	0.53 T	54.7	19.7
MW-26	5/26/2020	WH26200526-	11.2	0.002 U	2.9	0.505	49.3	1.84	36.7	0.74 T	34.7	1.2
MW-26	8/18/2020	WH26200818-	14.1	0.018	1.36	0.403	48	2.16	39.3	0.63 T	42.7	1.5
MW-26	11/9/2020	WH26201109-	15.4	0.002 U	1.33	0.712	51.8	2.17	38	0.54 T	35.3	1 U
MW-26	2/9/2021	WH26210209-	9.24	0.002 U	2.41	0.678	41	2.04	27.3 H	1.09	36.7	12.7
MW-26	5/5/2021	WH26210505-	11.7	0.002 U	3.46	0.56	47.8	2.08	31.3	0.55 T	32.7	1.7
MW-26	8/2/2021	WH26210802-	12.4	0.002 U	3.27	0.636	50.9	2.21	36.7	0.55 T	38	0.5 U
MW-26	11/30/2021	WH26211130-	10.9	0.002 U	1.57	0.299	36.1	1.4	16 T	0.84 T	19 T	0.53 U
MW-26	11/30/2021	WH26211130D	11	0.002 U	1.57	0.303	36	1.43	20.7	0.59 T	20.7	0.5 U
MW-26	2/17/2022	WH26220217-	9.54	0.0027 T	3.87	0.707	46.2	1.86	25.3	0.62 T	25.3	0.51 U
MW-26	6/14/2022	WH26220614-	13.6	0.002 U	3.4	0.334	47.3	1.89	33.3	0.67 T	36.7	2.3
MW-26	8/12/2022	WH26220812-	14.4	0.002 U	3.25	0.289	48.3	1.86	40.7	0.57 T	41.3	0.5 U
MW-26	8/12/2022	WH26220812D	14.3	0.002 U	3.17	0.289	48.1	1.84	37.3	0.5 U	40	0.5 U
MW-26	12/13/2022	WH26221213-	15	0.002 U	2.73	1.44	58.6	1.83	39.3	0.77 T	39.3	1.1
MW-26	2/22/2023	WH26230222-	10.5	0.002 U	6.94	1.07	56.6	1.24	42.7	0.6 T	44	1.1
MW-26	5/22/2023	WH26230522-	10.6	0.002 U	5.98	0.697	54.2	1.8	38 T	0.62 T	46.7	1 T
MW-26	8/31/2023	WH26230831-	11.3	0.002 U	5.59	0.774	56.5	1.88	44.7	0.56 T	47.3	0.7 T
Deep Aquifer												
MW-3	3/1/2013	WH3-130301-	67.4	0.01 U	3.14	0.014 T	146	3.07	93.4	1 U	93.6	1 U
MW-3	5/22/2013	WH3-130522-	66.7	0.01 U	3.19	0.013 T	148	3.03	102	1 U	112	1 U
MW-3	8/27/2013	WH3-130827-	65.6	0.01 U	3.06	0.012 T	140	3.13	107	1 U	102	1 U
MW-3	11/20/2013	WH3-131120-	61.9	0.01 U	3.69	0.014 T	147	2.72	100	1 U	101	1 U
MW-3	2/24/2014	WH3-140224-	68.3	0.01 U	3.17	0.012 T	149	3.12	98.4	1 U	101	1 U
MW-3	2/24/2014	WH3-140224D	65.4	0.01 U	3.17	0.012 T	148	3.09	98.8	1 U	104	1 U
MW-3	5/28/2014	WH3-140528-	66.6	0.0131	3.44	0.018 T	146	3.31	97	1 U	94.9	1 U
MW-3	8/19/2014	WH3-140819-	68.3	0.01 U	3.2	0.017 T	146	3.04	99.5	1 U	97.7	1 U
MW-3	11/25/2014	WH3-141125-	67.6	0.01 U	3.25	0.011 T	146	3.13	88.9	1 U	94.4	1 U
MW-3	2/25/2015	WH3-150225-	67.1	0.01 U	3.32	0.015 T	145	3.14	90.5	1 U	87.1	1 U
MW-3	6/3/2015	WH3-150603-	65.3	0.01 U	3.29	0.012 T	147	3.16	96.9	1 U	99.5	1 U
MW-3	8/11/2015	WH3-150811-	72.4	0.01 U	3.31	0.01 U	159	3.09	96.7	1 U	97.5	1 U
MW-3	11/20/2015	WH3-151120-	65.9	0.01 U	3.33	0.015 T	152	3.22	74	1 U	76.7	1 U

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Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-3	2/12/2016	WH3-160212-	70.7	0.01 U	3.3	0.01 U	146	3.05	88	1 U	90	1 U
MW-3	5/24/2016	WH3-160524-	71.3	0.01 U	3.28	0.01 U	163	3.03	102	1 U	136	1 U
MW-3	8/24/2016	WH3-160824-	70.8	0.01 U	3.17	0.01 U	160	2.87	90.7	1 U	96.7	1 U
MW-3	12/9/2016	WH3-161209-	69.8	0.01 U	3.17	0.01 U	153	2.98	96.7	1 U	90	1 U
MW-3	2/21/2017	WH3-170221-	70.9	0.01 U	3.4	0.01 U	163	3.15	95.3	1 U	92.7	1 U
MW-3	6/7/2017	WH3-170607-	69.9	0.0029 T	3.53	0.01 U	156	3.32	106	0.6 T	103	1 U
MW-3	8/25/2017	WH3-170825-	70.6	0.0027 T	3.49	0.01 U	157	3.15	103	0.5 U	107	0.5 U
MW-3	12/1/2017	WH3-171201-	68.8	0.0028 T	3.48	0.01 U	151	3.1	96	0.55 T	98	0.5 U
MW-3	3/1/2018	WH3-180301-	71.6	0.0034 T	3.5	0.01 U	158	3.2	104	0.5 U	106	0.5 U
MW-3	5/24/2018	WH3-180524-	70.4	0.0035 T	3.54	0.01 U	157	3.23	105	0.5 U	102	0.5 U
MW-3	8/27/2018	WH3-180827-	69.1	0.0032 T	3.59	0.01 U	156	3.14	98.7	0.5 U	104	0.5 U
MW-3	12/5/2018	WH3-181205-	66.5	0.0022 T	3.84	0.01 T	140	3.23	97.5	0.5 U	100	0.5 U
MW-3	3/8/2019	WH3-190308-	70.1	0.0035 T	3.55	0.01 U	160	3.19	105	0.5 U	106	0.5 U
MW-3	5/30/2019	WH3-190530-	73.1	0.0031 T	3.6	0.01 U	157	3.27	104	0.5 U	107	0.5 U
MW-3	9/3/2019	WH3-190903-	70.2	0.0035 T	3.7	0.01 U	157	3.15	104	0.5 U	108	0.5 U
MW-3	11/22/2019	WH3-191122-	67.6	0.0021 T	3.65	0.01 U	146	3.23	105	0.5 U	104	1 U
MW-3	3/4/2020	WH3-200304-	70.3	0.0035 T	3.81	0.01 U	160	3.28	103	0.5 U	112 H	0.5 U
MW-3	5/21/2020	WH3-200521-	70	0.0036 T	3.64	0.01 U	160	3.25	105	0.5 U	102	0.5 U
MW-3	8/17/2020	WH3-200817-	69.4	0.0057 T	3.69	0.01 U	162	3.15	107	0.5 U	108	0.5 U
MW-3	11/9/2020	WH3-201109-	67.6	0.004 T	3.77	0.01 U	157	3.31	96	0.5 U	99.3	0.5 U
MW-3	2/8/2021	WH3-210208-	70.2	0.0033 T	3.72	0.01 U	158	3.41	111	0.5 U	105	0.53 U
MW-3	5/6/2021	WH3-210506-	71.2	0.003 T	3.75	0.01 U	157	3.39	108	0.5 U	101	0.51 U
MW-3	8/2/2021	WH3-210802-	70.7	0.0036 T	3.73	0.01 U	158	3.39	96.7	0.5 U	115	0.5 U
MW-3	11/30/2021	WH3-211130-	70.3	0.0028 T	3.91	0.01 U	159	3.27	86.7	0.5 U	90.7	1 U
MW-3	2/16/2022	WH3-220216-	69.2	0.0033 T	3.89	0.01 U	158	3.24	94	0.5 U	92	0.5 U
MW-3	6/14/2022	WH3-220614-	71.3	0.003 T	4.08	0.01 U	158	3.35	98	0.5 U	98.7	0.5 U
MW-3	8/11/2022	WH3-220811-	72.5	0.0033 T	3.86	0.01 U	155	3.32	105	0.5 U	106	0.5 U
MW-3	12/12/2022	WH3-221212-	71.6	0.0022 T	3.9	0.01 U	156	3.49	101	0.5 U	101	0.54 U
MW-3	2/22/2023	WH3-230222-	72.8	0.0034 T	4.27	0.01 U	156	3.73	99.3	0.5 U	102	0.5 U
MW-3	5/22/2023	WH3-230522-	72.7	0.0039 T	4.33	0.01 U	160	3.69	99.3	0.5 U	105	0.5 U
MW-3	8/30/2023	WH3-230830-	72.1	0.0025 T	4.15	0.01 U	160	3.58	102	0.5 U	100	0.5 U
MW-7	2/28/2013	WH7-130228-	153	0.01 U	2.96	0.031 T	313	11.6	183	1 U	191	1
MW-7	5/16/2013	WH7-130516-	145	0.228	2.75	0.031 T	309	11.1	183	1 U	191	1 U
MW-7	8/20/2013	WH7-130820-	145	0.01 U	11.9	0.038 T	308	11	180	1 U	184	1 U
MW-7	11/19/2013	WH7-131119-	136	0.0101	3.43	0.03 T	311	10.5	188	1 U	194	3.3

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Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-7	2/20/2014	WH7-140220-	146	0.01 U	2.59	0.031 T	306	11.1	184	1.28	192	1 U
MW-7	5/22/2014	WH7-140522-	138	0.01 U	2.55	0.031 T	289	11.2	169	1 U	173	1 U
MW-7	8/15/2014	WH7-140815-	144	0.01 U	2.44	0.026 T	300	10.8	190	1 U	195	1 U
MW-7	12/2/2014	WH7-141202-	136	0.01 U	2.6	0.031 T	296	10.9	184	1 U	195	3.24
MW-7	2/26/2015	WH7-150226-	138	0.0109	5.23	0.032 T	296	11	176	1 U	179	1 U
MW-7	5/22/2015	WH7-150522-	137	0.01 U	2.71	0.024 T	295	10.8	177	1 U	181	1 U
MW-7	8/10/2015	WH7-150810-	142	0.01 U	2.58	0.023 T	302	11.1	176	1 U	182	1 U
MW-7	11/10/2015	WH7-151110-	136	0.01 U	2.57	0.037 T	296	11	176	1 U	182	1 U
MW-7	2/16/2016	WH7-160216-	134	0.01 U	2.55	0.026 T	278	10.3	167	1 U	167	1 U
MW-7	5/24/2016	WH7-160524-	139	0.01 U	2.45	0.023 T	305	10.2	185	1 U	177	1 U
MW-7	8/23/2016	WH7-160823-	139	0.01 U	2.37	0.023 T	301	10.1	182	1 U	184	1 U
MW-7	12/12/2016	WH7-161212-	137	0.01 U	2.31	0.023 T	270	9.85	173	1 U	187	1 U
MW-7	2/21/2017	WH7-170221-	136	0.01 U	2.46	0.026 T	306	10.4	195	1 U	175	1 U
MW-7	6/14/2017	WH7-170614-	133	0.002 U	2.49	0.024 T	287	10.5	177	0.59 T	181	1 U
MW-7	8/24/2017	WH7-170824-	137	0.002 U	2.37	0.0422	292	10.3	178	0.5 U	182	0.5 U
MW-7	12/1/2017	WH7-171201-	137	0.002 U	2.32	0.025 T	287	10.2	172	0.5 U	180	0.5 U
MW-7	3/1/2018	WH7-180301-	133	0.002 U	2.54	0.02 T	281	10.3	174	0.69 T	179	0.5 U
MW-7	5/29/2018	WH7-180529-	133	0.0037 T	2.45	0.023 T	283	10	169	0.5 U	176	2.2
MW-7	8/22/2018	WH7-180822-	136	0.002 U	2.23	0.021 T	304	9.45	172	0.5 U	175	0.5 U
MW-7	8/22/2018	WH7-180822D	134	0.0037 T	2.22	0.022 T	286	9.38	173	0.5 U	175	0.5 U
MW-7	11/30/2018	WH7-181130-	134	0.002 U	2.36	0.021 T	276	9.5	169	0.5 U	174	0.5 U
MW-7	3/8/2019	WH7-190308-	131	0.002 U	2.19	0.022 T	284	9.96	171	0.5 U	178	0.5 U
MW-7	3/8/2019	WH7-190308D	132	0.002 U	2.18	0.021 T	286	9.94	172	0.5 U	175	0.5 U
MW-7	5/29/2019	WH7-190529-	136	0.002 U	2.16	0.017 T	278	9.85	171	0.5 U	172	0.5 U
MW-7	9/3/2019	WH7-190903-	128	0.002 U	2.14	0.02 T	270	9.62	167	0.5 U	169	1.02
MW-7	11/22/2019	WH7-191122-	126	0.002 U	2.11	0.015 T	259	9.51	165	0.5 U	171	0.5 U
MW-7	3/2/2020	WH7-200302-	125	0.0023 T	2.35	0.021 T	272	9.29	163	0.5 U	167	1 U
MW-7	5/21/2020	WH7-200521-	129	0.002 U	2.02	0.024 T	280	9.46	169	0.5 U	176	0.5 U
MW-7	8/17/2020	WH7-200817-	128	0.0034 T	1.98	0.024 T	284	9.27	171	0.5 U	169	0.52 U
MW-7	11/12/2020	WH7-201112-	128	0.002 U	2.11	0.012 T	274	9.67	159	0.5 U	158	0.5 U
MW-7	2/12/2021	WH7-210212-	124	0.002 U	2.03	0.016 T	270	9.28	159	0.57 T	166	0.5 U
MW-7	5/5/2021	WH7-210505-	128	0.002 U	2.09	0.017 T	269	9.48	161 H	0.5 U	163	0.53 U
MW-7	8/4/2021	WH7-210804-	129	0.002 U	2.04	0.016 T	272	9.68	166	0.5 U	166	0.8 T
MW-7	12/1/2021	WH7-211201-	127	0.002 U	1.97	0.017 T	271	9.15	155	0.5 U	154	0.5 U
MW-7	2/16/2022	WH7-220216-	122	0.002 U	2.07	0.016 T	262	8.99	141	0.5 U	148	0.51 U
MW-7	6/14/2022	WH7-220614-	128	0.002 U	2.18	0.018 T	267	9.44	164	0.5 U	163	0.5 U
MW-7	8/9/2022	WH7-220809-	129	0.002 U	2.09	0.02 T	262	9.57	165	0.5 U	169	0.5 U
MW-7	12/12/2022	WH7-221212-	121	0.002 U	1.98	0.012 T	252	9	154	0.5 U	152	0.7 T

Table J-3
Groundwater - Historical Conventionals
January 1, 2013 - September 30, 2023

Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-7	2/23/2023	WH7-230223-	128	0.002 U	2.2	0.015 T	260	9.5	159	0.83 T	163	0.5 U
MW-7	5/22/2023	WH7-230522-	127	0.0023 T	2.32	0.014 T	264	9.41	159	0.5 U	158	0.5 U
MW-7	8/30/2023	WH7-230830-	123	0.002 U	2.21	0.018 T	258	9.04	157	0.5 U	156	0.5 U
MW-25	2/25/2013	WH25130225-	43.8	0.01 U	3.43	0.268	104	2.42	70.4	1 U	73.3	1 U
MW-25	5/28/2013	WH25130528-	42.4	0.01 U	4.09	0.267	103	2.26	71	1 U	72.8	1 U
MW-25	8/19/2013	WH25130819-	42.4	0.01 U	3.78	0.258	103	2.56	74.1	1 U	76.7	1 U
MW-25	11/21/2013	WH25131121-	39.5	0.01 U	3.71	0.248	105	2.22	84	1 U	83.9	1 U
MW-25	2/25/2014	WH25140225-	97.9	0.01 U	5.65	0.256	263	2.48	79	1 U	81.4	1 U
MW-25	6/4/2014	WH25140604-	44.6	0.01 U	3.69	0.245	104	2.63	76.5	1 U	67.6	1 U
MW-25	8/15/2014	WH25140815-	46.8	0.01 U	3.71	0.257	109	2.44	78.8	1 U	79	1 U
MW-25	12/2/2014	WH25141202-	43.2	0.01 U	3.95	0.252	105	2.5	77.8	1 U	77.7	1 U
MW-25	2/24/2015	WH25150224-	43.5	0.01 U	3.72	0.234	101	2.51	71.8	1 U	69.3	1 U
MW-25	5/22/2015	WH25150522-	42	0.01 U	3.65	0.217	105	2.54	71.5	1 U	69.1	1 U
MW-25	5/22/2015	WH25150522D	42.1	0.01 U	3.65	0.213	105	2.54	70.1	1 U	72.3	1 U
MW-25	8/10/2015	WH25150810-	44.6	0.01 U	3.64	0.231	108	2.64	71.5	1 U	78.1	1 U
MW-25	11/12/2015	WH25151112-	42.9	0.01 U	3.63	0.208	110	2.59	77.3	1 U	119	1 U
MW-25	2/12/2016	WH25160212-	44	0.01 U	3.76	0.229	103	2.61	67.3	1 U	70	1 U
MW-25	5/25/2016	WH25160525-	44.6	0.01 U	3.54	0.231	112	2.59	66	1 U	59.3	1 U
MW-25	8/29/2016	WH25160829-	43.6	0.01 U	3.17	0.22	115	2.3	72	1 U	74	1 U
MW-25	12/15/2016	WH25161215-	43	0.01 U	3.49	0.22	102	2.52	69.3	1 U	71.3	1 U
MW-25	12/15/2016	WH25161215D	42.5	0.01 U	3.4	0.221	102	2.46	71.3	1 U	68.7	1 U
MW-25	2/22/2017	WH25170222-	44.9	0.01 U	3.35	0.213	113	2.43	78.7	1 U	80	1 U
MW-25	6/7/2017	WH25170607-	43.9	0.002 U	3.71	0.224	108	2.86	74.7	0.5 U	76	0.5 U
MW-25	8/24/2017	WH25170824-	44.9	0.002 U	3.6	0.217	110	2.65	78.7	0.5 U	78	0.5 U
MW-25	12/1/2017	WH25171201-	45.8	0.002 U	3.68	0.216	109	2.66	76	0.5 U	75.3	0.5 U
MW-25	3/1/2018	WH25180301-	45.8	0.002 U	3.57	0.202	110	2.72	79.3	0.5 U	82.7	0.5 U
MW-25	5/31/2018	WH25180531-	45.2	0.002 U	3.61	0.22	110	2.75	75.4	0.85 T	75.9	0.5 U
MW-25	8/27/2018	WH25180827-	45	0.002 U	3.59	0.206	111	2.6	75.3	0.5 U	75.7	1 U
MW-25	12/7/2018	WH25181207-	45.5	0.002 U	3.84	0.202	103	2.64	78.8	0.5 U	79.7	0.5 U
MW-25	3/11/2019	WH25190311-	45.4	0.002 U	3.55	0.2	112	2.72	78.3	0.51 T	81.1	0.5 U
MW-25	5/30/2019	WH25190530-	46.9	0.002 U	3.57	0.212	109	2.75	77.3	0.5 U	79.3	0.5 U
MW-25	9/3/2019	WH25190903-	45.1	0.002 U	3.54	0.203	110	2.69	74.7	0.5 U	78.7	0.5 U
MW-25	11/26/2019	WH25191126-	42.7	0.002 U	3.54	0.224	106	2.74	80.7	0.5 U	85.9	0.5 U
MW-25	11/26/2019	WH25191126D	45.4	0.002 U	3.46	0.223	107	2.67	76.7	0.5 U	80.7	0.5 U
MW-25	3/5/2020	WH25200305-	45.8	0.002 U	3.5	0.194	112	2.7	82	0.5 U	76	0.5 U
MW-25	5/26/2020	WH25200526-	45.7	0.002 U	3.31	0.198	113	2.6	76.7	0.51 T	76.7	0.5 U
MW-25	8/18/2020	WH25200818-	45.6	0.0166	3.35	0.187	114	2.68	81.3	0.5 U	81.3	0.5 U
MW-25	11/9/2020	WH25201109-	44.6	0.002 U	3.51	0.183	111	2.79	69.3	0.5 U	72.7	0.5 U

Table J-3
Groundwater - Historical Conventionals
January 1, 2013 - September 30, 2023

Groundwater - Conventionals			Alkalinity, Total (as $CACO_3$)	Ammonia as N	Chloride (Total)	Nitrate	Specific Conductance (Lab)	Sulfate (Total)	Total Dissolved Solids	Total Organic Carbon	Total Solids	Total Suspended Solids
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-25	2/16/2021	WH25210216-	46.6	0.002 U	3.48	0.185	114	2.9	74.7	0.5 U	76.7	0.5 U
MW-25	5/5/2021	WH25210505-	47.6	0.002 U	3.46	0.184	113	2.9	78	0.5 U	70.7	1 U
MW-25	8/3/2021	WH25210803-	47	0.002 U	3.45	0.187	113	2.81	92.7	0.5 U	80.7	0.5 U
MW-25	12/1/2021	WH25211201-	46.9	0.002 U	3.44	0.184	113	2.75	64	0.5 U	65.3	0.51 U
MW-25	2/16/2022	WH25220216-	46.8	0.002 U	3.52	0.194	113	2.77	71.3	0.5 U	68	1 U
MW-25	6/15/2022	WH25220615-	48.5	0.0062 T	3.43	0.188	112	2.95	75.3	0.5 U	77.3	0.5 U
MW-25	8/11/2022	WH25220811-	48.2	0.002 U	3.4	0.185	110	2.72	80.7	0.5 U	82	0.5 U
MW-25	12/12/2022	WH25221212-	48	0.002 U	3.39	0.17	111	2.81	74.7	0.5 U	70.7	0.5 U
MW-25	12/12/2022	WH25221212D	48.1	0.002 U	3.39	0.169	111	2.83	73.3	0.5 U	71.3	0.5 U
MW-25	2/22/2023	WH25230222-	49.1	0.002 U	3.68	0.179	111	3.07	86.7	0.5 U	78.7	0.5 U
MW-25	5/22/2023	WH25230522-	48.7	0.002 U	3.68	0.179	113	3.04	76.7	0.5 U	81.3	0.5 U
MW-25	5/22/2023	WH25230522D	48.8	0.002 U	3.69	0.179	114	3.04	77.3	0.5 U	79.3	0.5 U
MW-25	8/31/2023	WH25230831-	48.4	0.002 U	3.5	0.174	114	2.88	74.7	0.5 U	78	0.5 U
Field Blanks												
FIELD BLANK	11/21/2013	WH25131121F	1.5 T	0.01 U	0.1 U	0.0797	4.1 T	0.1 U	5 U	1 U	5 U	1 U
FIELD BLANK	2/20/2014	WH7-140220F	2 T	0.01 U	0.377	0.037 T	5.27	0.14 T	5 U	1 U	5 U	1 U
FIELD BLANK	5/28/2014	WH3-140528F	3.4 T	0.01 U	0.1 U	0.032 T	1.7 T	0.1 U	5 U	1 U	5 U	1 U
FIELD BLANK	12/2/2014	WH4-141202F	6.64	0.01 U	0.1 U	0.032 T	3.9 T	0.1 U	5 U	1 U	5 U	1 U
FIELD BLANK	8/13/2015	WH11150813F	1 U	0.01 U	0.1 U	0.01 U	1.1 T	0.1 U	5 U	1 U	5 U	1 U
FIELD BLANK	5/23/2016	WH4-160523F	1 U	0.01 U	0.1 U	0.01 U	1.2 T	0.1 U	5 U	1 U	5 U	1 U
FIELD BLANK	6/14/2017	WH7-170614F	1 U	0.002 U	0.05 U	0.01 U	2 T	0.1 U	10 U	0.5 U	10 U	0.5 U
FIELD BLANK	8/28/2017	WH10170828F	1 U	0.002 U	0.05 U	0.01 U	1.7 T	0.1 U	10 U	0.5 U	10 U	0.5 U
FIELD BLANK	5/31/2018	WH18180531F	1 U	0.002 U	0.05 U	0.01 U	1.7 T	0.1 U	10 U	0.5 U	10 U	0.5 U
FIELD BLANK	11/30/2018	WH7-181130F	1 U	0.002 U	0.05 U	0.01 U	1.5 T	0.1 U	10 U	0.5 U	10 U	0.5 U
FIELD BLANK	3/2/2020	WH7-200302F	1 U	0.002 U	0.05 U	0.01 U	1.1 T	0.1 U	10 U	0.5 U	10 U	0.5 U
FIELD BLANK	8/17/2020	WH3-200817F	1 U	0.0048 T	0.05 U	0.01 U	1.1 T	0.1 U	10 U	0.5 U	10 U	0.5 U
FIELD BLANK	11/12/2020	WH7-201112F	1 U	0.002 U	0.05 U	0.01 U	1.6 T	0.1 U	10 U	0.5 U	10 U	0.5 U
FIELD BLANK	8/3/2021	WH11210803F	1 U	0.002 U	0.242	0.01 U	1.3 T	0.1 U	10 U	0.5 U	10 U	1 U
FIELD BLANK	2/16/2022	WH7-220216F	1 U	0.002 U	0.05 U	0.01 U	1 U	0.1 U	10 U	0.5 U	10 U	0.51 U
FIELD BLANK	6/14/2022	WH26220614F	1 T	0.002 U	0.148	0.01 U	1 U	0.1 U	10 U	0.5 U	10 U	0.5 U
FIELD BLANK	9/1/2023	WH6-230901F	1 U	0.002 U	0.266	0.01 U	1 U	0.1 U	10 U	0.5 U	10 U	0.5 U

Notes:

-- = parameter was not sampled for

See Appendix A for qualifier definitions.

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Shallow Aquifer																
MW-1	2/28/2013	WH1-130228-	0.001 U	--	1 U	--	0.0033	--	0.001 U	--	0.002 DU	--	9.65	--	0.005 U	--
MW-1	2/28/2013	WH1-130228D	0.001 U	--	1 U	--	0.00331	--	0.001 U	--	0.002 DU	--	9.42	--	0.005 U	--
MW-1	5/16/2013	WH1-130516-	0.001 U	--	1 U	--	0.00377	--	0.001 U	--	0.002 U	--	8.39	--	0.005 U	--
MW-1	8/20/2013	WH1-130820-	0.001 U	--	1 U	--	0.00365	--	0.001 U	--	0.002 U	--	9.12	--	0.005 U	--
MW-1	11/19/2013	WH1-131119-	0.001 U	--	1 U	--	0.00206	--	0.001 U	--	0.002 U	--	8.41	--	0.005 U	--
MW-1	2/20/2014	WH1-140220-	0.001 U	--	1 U	--	0.00141	--	0.001 U	--	0.002 U	--	6.84	--	0.005 U	--
MW-1	5/27/2014	WH1-140527-	0.001 U	--	1 U	--	0.0044	--	0.001 U	--	0.002 U	--	8.71	--	0.005 U	--
MW-1	8/20/2014	WH1-140820-	0.001 U	--	1 U	--	0.00369	--	0.001 U	--	0.002 U	--	8.11	--	0.005 U	--
MW-1	12/3/2014	WH1-141203-	0.001 U	--	1 U	--	0.00231	--	0.001 U	--	0.002 U	--	8.43	--	0.005 U	--
MW-1	2/25/2015	WH1-150225-	0.001 U	--	1 U	--	0.00488	--	0.001 U	--	0.002 U	--	10.7	--	0.005 U	--
MW-1	5/22/2015	WH1-150522-	0.001 U	--	1 U	--	0.00465	--	0.001 U	--	0.002 U	--	7.75	--	0.005 U	--
MW-1	8/11/2015	WH1-150811-	0.001 U	--	1 U	--	0.00403	--	0.001 U	--	0.002 U	--	8.52	--	0.005 U	--
MW-1	11/10/2015	WH1-151110-	0.001 U	--	1 U	--	0.00249	--	0.001 DU	--	0.002 U	--	9.82	--	0.005 U	--
MW-1	2/16/2016	WH1-160216-	0.001 U	--	1 U	--	0.00151	--	0.001 U	--	0.002 U	--	7.32	--	0.005 U	--
MW-1	5/24/2016	WH1-160524-	0.001 U	--	1 U	--	0.00382	--	0.001 U	--	0.002 U	--	8.35	--	0.005 U	--
MW-1	8/23/2016	WH1-160823-	0.001 U	--	1 U	--	0.00323	--	0.001 DU	--	0.002 U	--	7.72	--	0.005 U	--
MW-1	12/12/2016	WH1-161212-	0.001 U	--	1 U	--	0.00171	--	0.001 U	--	0.002 U	--	6.08	--	0.005 U	--
MW-1	2/21/2017	WH1-170221-	0.001 U	--	1 U	--	0.00249	--	0.001 U	--	0.002 U	--	8.93	--	0.005 U	--
MW-1	6/9/2017	WH1-170609-	0.0003 U	--	0.0808	--	0.00426	--	0.0001 U	--	7.07E-05	--	7.78	--	0.0002 U	--
MW-1	8/24/2017	WH1-170824-	0.0003 U	--	0.0888	--	0.00371	--	0.0001 U	--	5.96E-05	--	7.58	--	0.0002 U	--
MW-1	12/1/2017	WH1-171201-	0.0003 U	--	0.105	--	0.00139	--	0.0001 U	--	5E-05 U	--	5.72	--	0.0002 U	--
MW-1	3/1/2018	WH1-180301-	0.0003 U	--	0.058	--	0.00291	--	0.0001 U	--	0.0001	--	8.88	--	0.0002 U	--
MW-1	5/29/2018	WH1-180529-	0.0003 U	--	0.0674	--	0.00359	--	0.0001 U	--	0.000105	--	8.01	--	0.0002 U	--
MW-1	8/28/2018	WH1-180828-	0.0003 U	--	0.0832	--	0.0035	--	0.0001 U	--	6.45E-05	--	7.65	--	0.0002 U	--
MW-1	11/30/2018	WH1-181130-	0.0003 U	--	0.114	--	0.00164	--	0.0001 U	--	5E-05 U	--	7.61	--	0.0002 U	--
MW-1	3/8/2019	WH1-190308-	0.0003 U	--	0.0855	--	0.00109	--	0.0001 U	--	5E-05 U	--	6.35	--	0.0002 U	--
MW-1	5/29/2019	WH1-190529-	0.0003 U	--	0.0629	--	0.00362	--	0.0001 U	--	0.000112	--	10.2	--	0.0002 U	--
MW-1	5/29/2019	WH1-190529D	0.0003 U	--	0.0585	--	0.00372	--	0.0001 U	--	0.000114	--	10.3	--	0.0002 U	--
MW-1	8/28/2019	WH1-190828-	0.0003 U	--	0.163	--	0.00341	--	0.0001 U	--	8.4E-05	--	9.7	--	0.0002 U	--
MW-1	8/28/2019	WH1-190828D	0.0003 U	--	0.168	--	0.00342	--	0.0001 U	--	8.13E-05	--	9.59	--	0.0002 U	--
MW-1	11/22/2019	WH1-191122-	0.0003 U	--	0.103	--	0.00186	--	0.0001 U	--	5E-05 U	--	7.94	--	0.0002 U	--
MW-1	3/2/2020	WH1-200302-	0.0003 U	--	0.0617	--	0.00307	--	0.0001 U	--	0.00012	--	10.2	--	0.0002 U	--
MW-1	5/21/2020	WH1-200521-	0.0003 U	--	0.0847	--	0.00322	--	0.0001 U	--	0.000122	--	9.01	--	0.0002 U	--
MW-1	8/17/2020	WH1-200817-	0.0003 U	--	0.0907	--	0.00386	--	0.0001 U	--	8.64E-05	--	8.61	--	0.0002 U	--
MW-1	11/12/2020	WH1-201112-	0.0003 U	--	0.133	--	0.00209	--	0.0001 U	--	5E-05 U	--	8	--	0.0002 U	--
MW-1	2/12/2021	WH1-210212-	0.0003 U	--	0.0797	--	0.00203	--	0.0001 U	--	9.69E-05	--	9.87	--	0.0002 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-1	5/5/2021	WH1-210505-	0.0003 U	--	0.0634	--	0.00254	--	0.0001 U	--	0.000131	--	8.9	--	0.0002 U	--
MW-1	5/5/2021	WH1-210505D	0.0003 U	--	0.0638	--	0.0025	--	0.0001 U	--	0.000127	--	8.86	--	0.0002 U	--
MW-1	8/4/2021	WH1-210804-	0.0003 U	--	0.08	--	0.00293	--	0.0001 U	--	8.6E-05	--	8.45	--	0.00031	--
MW-1	12/1/2021	WH1-211201-	0.0003 U	--	0.113	--	0.00146	--	0.0001 U	--	5E-05 U	--	6.95	--	0.000499	--
MW-1	2/16/2022	WH1-220216-	0.0003 U	--	0.0748	--	0.00221	--	0.0001 U	--	0.000108	--	10.6	--	0.0002 U	--
MW-1	6/14/2022	WH1-220614-	0.0003 U	--	0.0812	--	0.00211	--	0.0001 U	--	7.47E-05	--	8.61	--	0.0002 U	--
MW-1	8/9/2022	WH1-220809-	0.0003 U	--	0.05 U	--	0.00334	--	0.0001 U	--	0.000117	--	7.63	--	0.0002 U	--
MW-1	12/12/2022	WH1-221212-	0.0003 U	--	0.086	--	0.00135	--	0.0001 U	--	5E-05 U	--	8.42	--	0.000273	--
MW-1	2/23/2023	WH1-230223-	0.0003 U	--	0.0989	--	0.00103	--	0.0001 U	--	5E-05 U	--	5.86	--	0.000235	--
MW-1	5/22/2023	WH1-230522-	0.0003 U	0.0003 U	0.188	0.842	0.00223	0.00264	0.0001 U	0.0001 U	0.000118	0.000122	9.01	9.12 D	0.0002 U	0.0002 U
MW-1	8/30/2023	WH1-230830-	0.0003 U	0.0003 U	0.0837	0.345	0.00251	0.00274	0.0001 U	0.0001 U	9.86E-05	9.71E-05	10	--	0.0002 U	0.000214
MW-4	3/1/2013	WH4-130301-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 DU	--	3.45	--	0.005 U	--
MW-4	5/23/2013	WH4-130523-	0.001 U	--	1 U	--	0.001 DU	--	0.001 U	--	0.002 DU	--	3.36	--	0.005 U	--
MW-4	8/22/2013	WH4-130822-	0.001 U	--	1 U	--	0.00133	--	0.001 U	--	0.002 U	--	5.29	--	0.005 U	--
MW-4	11/21/2013	WH4-131121-	0.001 U	--	1 U	--	0.00114	--	0.001 U	--	0.002 U	--	4.44	--	0.005 U	--
MW-4	2/25/2014	WH4-140225-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	3.73	--	0.005 U	--
MW-4	5/27/2014	WH4-140527-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	3.47	--	0.005 U	--
MW-4	8/15/2014	WH4-140815-	0.001 U	--	1 U	--	0.00137	--	0.001 U	--	0.002 U	--	5.17	--	0.005 U	--
MW-4	12/2/2014	WH4-141202-	0.001 U	--	1 U	--	0.001	--	0.001 U	--	0.002 U	--	3.96	--	0.005 U	--
MW-4	2/24/2015	WH4-150224-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	3.59	--	0.005 U	--
MW-4	6/3/2015	WH4-150603-	0.001 U	--	1 U	--	0.00102	--	0.001 U	--	0.002 U	--	4.09	--	0.005 U	--
MW-4	8/11/2015	WH4-150811-	0.001 U	--	1 U	--	0.00141	--	0.001 U	--	0.002 U	--	5.13	--	0.005 U	--
MW-4	11/24/2015	WH4-151124-	0.001 U	--	1 U	--	0.00103	--	0.001 U	--	0.002 U	--	3.46	--	0.005 U	--
MW-4	2/12/2016	WH4-160212-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	3.42	--	0.005 U	--
MW-4	2/12/2016	WH4-160212D	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	3.39	--	0.005 U	--
MW-4	5/23/2016	WH4-160523-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	4.34	--	0.005 U	--
MW-4	8/24/2016	WH4-160824-	0.001 U	--	1 U	--	0.00153	--	0.001 U	--	0.002 U	--	5.76	--	0.005 U	--
MW-4	12/12/2016	WH4-161212-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	3.29	--	0.005 U	--
MW-4	2/21/2017	WH4-170221-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	3.09	--	0.005 U	--
MW-4	6/8/2017	WH4-170608-	0.0003 U	--	0.05 U	--	0.000834	--	0.0001 U	--	5E-05 U	--	3.45	--	0.0002 U	--
MW-4	8/25/2017	WH4-170825-	0.0003 U	--	0.05 U	--	0.00136	--	0.0001 U	--	5E-05 U	--	5.39	--	0.0002 U	--
MW-4	12/1/2017	WH4-171201-	0.0003 U	--	0.05 U	--	0.000913	--	0.0001 U	--	5E-05 U	--	3.51	--	0.0002 U	--
MW-4	3/1/2018	WH4-180301-	0.0003 U	--	0.05 U	--	0.000777	--	0.0001 U	--	5E-05 U	--	3.29	--	0.0002 U	--
MW-4	5/29/2018	WH4-180529-	0.0003 U	--	0.05 U	--	0.000838	--	0.0001 U	--	5E-05 U	--	3.55	--	0.0002 U	--
MW-4	8/27/2018	WH4-180827-	0.0003 U	--	0.05 U	--	0.00126	--	0.0001 U	--	5E-05 U	--	5.04	--	0.0002 U	--
MW-4	12/5/2018	WH4-181205-	0.0003 U	--	0.05 U	--	0.000996	--	0.0001 U	--	5E-05 U	--	4	--	0.0002 U	--
MW-4	3/8/2019	WH4-190308-	0.0003 U	--	0.05 U	--	0.000898	--	0.0001 U	--	5E-05 U	--	3.76	--	0.0002 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-4	5/30/2019	WH4-190530-	0.0003 U	--	0.05 U	--	0.000872	--	0.0001 U	--	5E-05 U	--	4.07	--	0.0002 U	--
MW-4	8/28/2019	WH4-190828-	0.0003 U	--	0.05 U	--	0.00125	--	0.0001 U	--	5E-05 U	--	5.22	--	0.0002 U	--
MW-4	11/22/2019	WH4-191122-	0.0003 U	--	0.05 U	--	0.00126	--	0.0001 U	--	5E-05 U	--	5.14	--	0.0002 U	--
MW-4	3/4/2020	WH4-200304-	0.0003 U	--	0.05 U	--	0.000741	--	0.0001 U	--	5E-05 U	--	3.37	--	0.0002 U	--
MW-4	5/21/2020	WH4-200521-	0.0003 U	--	0.05 U	--	0.000821	--	0.0001 U	--	5E-05 U	--	3.79	--	0.0002 U	--
MW-4	5/21/2020	WH4-200521D	0.0003 U	--	0.05 U	--	0.00083	--	0.0001 U	--	5E-05 U	--	3.78	--	0.0002 U	--
MW-4	8/17/2020	WH4-200817-	0.0003 U	--	0.05 U	--	0.00133	--	0.0001 U	--	5E-05 U	--	5.7	--	0.0002 U	--
MW-4	11/9/2020	WH4-201109-	0.0003 U	--	0.0523	--	0.00166	--	0.0001 U	--	5E-05 U	--	6.19	--	0.0002 U	--
MW-4	2/8/2021	WH4-210208-	0.0003 U	--	0.05 U	--	0.0008	--	0.0001 U	--	5E-05 U	--	3.62	--	0.0002 U	--
MW-4	5/5/2021	WH4-210505-	0.0003 U	--	0.05 U	--	0.000825	--	0.0001 U	--	5E-05 U	--	3.69	--	0.0002 U	--
MW-4	8/2/2021	WH4-210802-	0.0003 U	--	0.0535	--	0.00094	--	0.0001 U	--	5E-05 U	--	3.82	--	0.0002 U	--
MW-4	11/30/2021	WH4-211130-	0.0003 U	--	0.0581	--	0.000972	--	0.0001 U	--	5E-05 U	--	3.7	--	0.0002 U	--
MW-4	2/16/2022	WH4-220216-	0.0003 U	--	0.05 U	--	0.000806	--	0.0001 U	--	5E-05 U	--	3.8	--	0.0002 U	--
MW-4	6/14/2022	WH4-220614-	0.0003 U	--	0.05 U	--	0.000853	--	0.0001 U	--	5E-05 U	--	3.96	--	0.0002 U	--
MW-4	8/12/2022	WH4-220812-	0.0003 U	--	0.0506	--	0.000995	--	0.0001 U	--	5E-05 U	--	4.09	--	0.0002 U	--
MW-4	12/12/2022	WH4-221212-	0.0003 U	--	0.05 U	--	0.00103	--	0.0001 U	--	5E-05 U	--	4.17	--	0.000388	--
MW-4	2/22/2023	WH4-230222-	0.0003 U	--	0.05 U	--	0.000942	--	0.0001 U	--	5E-05 U	--	4.23	--	0.0002 U	--
MW-4	5/22/2023	WH4-230522-	0.0003 U	0.0003 U	0.05 U	0.112	0.00095	0.00129	0.0001 U	0.0001 U	5E-05 U	5E-05 U	4.2	4.32 D	0.0002 U	0.000236
MW-4	8/30/2023	WH4-230830-	0.0003 U	0.0003 U	0.0577	0.0908	0.00102	0.00119	0.0001 U	0.0001 U	5E-05 U	5E-05 U	4.23	--	0.0002 U	0.000209
MW-6	2/27/2013	WH6-130227-	0.001 U	--	1 U	--	0.00201	--	0.001 U	--	0.002 DU	--	11.5	--	0.005 U	--
MW-6	5/23/2013	WH6-130523-	0.001 U	--	1 U	--	0.00212 D	--	0.001 U	--	0.002 DU	--	11.8	--	0.005 U	--
MW-6	5/23/2013	WH6-130523D	0.001 U	--	1 U	--	0.00213 D	--	0.001 U	--	0.002 DU	--	11.9	--	0.005 U	--
MW-6	8/27/2013	WH6-130827-	0.001 U	--	1 U	--	0.00195	--	0.001 U	--	0.002 U	--	14.1	--	0.005 U	--
MW-6	11/25/2013	WH6-131125-	0.001 U	--	1 U	--	0.00182	--	0.001 U	--	0.002 DU	--	10.8	--	0.005 U	--
MW-6	2/24/2014	WH6-140224-	0.001 U	--	1 U	--	0.00185	--	0.001 U	--	0.002 U	--	10.8	--	0.005 U	--
MW-6	5/30/2014	WH6-140530-	0.001 U	--	1 U	--	0.00188	--	0.001 U	--	0.002 U	--	11.2	--	0.005 U	--
MW-6	8/15/2014	WH6-140815-	0.001 U	--	1 U	--	0.00189	--	0.001 U	--	0.002 U	--	10.9	--	0.005 U	--
MW-6	12/2/2014	WH6-141202-	0.001 U	--	1 U	--	0.0019	--	0.001 U	--	0.002 U	--	11	--	0.005 U	--
MW-6	2/24/2015	WH6-150224-	0.001 U	--	1 U	--	0.00195	--	0.001 U	--	0.002 U	--	11.4	--	0.005 U	--
MW-6	6/3/2015	WH6-150603-	0.001 U	--	1 U	--	0.0019	--	0.001 U	--	0.002 U	--	11.8	--	0.005 U	--
MW-6	8/13/2015	WH6-150813-	0.001 U	--	1 U	--	0.00201	--	0.001 U	--	0.002 U	--	10.8	--	0.005 U	--
MW-6	11/20/2015	WH6-151120-	0.001 U	--	1 U	--	0.00194	--	0.001 U	--	0.002 U	--	11	--	0.005 U	--
MW-6	2/16/2016	WH6-160216-	0.001 U	--	1 U	--	0.00215	--	0.001 U	--	0.002 U	--	11	--	0.005 U	--
MW-6	5/25/2016	WH6-160525-	0.001 U	--	1 U	--	0.00192	--	0.001 U	--	0.002 U	--	12.4	--	0.005 U	--
MW-6	8/29/2016	WH6-160829-	0.001 U	--	1 U	--	0.00207	--	0.001 U	--	0.002 U	--	11.1	--	0.005 U	--
MW-6	8/29/2016	WH6-160829D	0.001 U	--	1 U	--	0.00199	--	0.001 U	--	0.002 U	--	10.8	--	0.005 U	--
MW-6	12/12/2016	WH6-161212-	0.001 U	--	1 U	--	0.00202	--	0.001 U	--	0.002 U	--	10.6	--	0.005 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-6	2/22/2017	WH6-170222-	0.001 U	--	1 U	--	0.00195	--	0.001 U	--	0.002 U	--	11.1	--	0.005 U	--
MW-6	2/22/2017	WH6-170222D	0.001 U	--	1 U	--	0.00194	--	0.001 U	--	0.002 U	--	11.9 D	--	0.005 U	--
MW-6	6/9/2017	WH6-170609-	0.0003 U	--	0.31	--	0.00202	--	0.0001 U	--	5E-05 U	--	12	--	0.000539	--
MW-6	8/28/2017	WH6-170828-	0.0003 U	--	0.322	--	0.00209	--	0.0001 U	--	5E-05 U	--	11.7	--	0.000481	--
MW-6	12/4/2017	WH6-171204-	0.0003 U	--	0.285	--	0.00213	--	0.0001 U	--	5E-05 U	--	11.5	--	0.000466	--
MW-6	12/4/2017	WH6-171204D	0.0003 U	--	0.295	--	0.00219	--	0.0001 U	--	5E-05 U	--	11.6	--	0.000472	--
MW-6	3/2/2018	WH6-180302-	0.0003 U	--	0.309	--	0.00209	--	0.0001 U	--	5E-05 U	--	11.9	--	0.000591	--
MW-6	3/2/2018	WH6-180302D	0.0003 U	--	0.309	--	0.00213	--	0.0001 U	--	5E-05 U	--	11.9	--	0.000601	--
MW-6	5/31/2018	WH6-180531-	0.0003 U	--	0.314	--	0.00208	--	0.0001 U	--	5E-05 U	--	12	--	0.000622	--
MW-6	8/28/2018	WH6-180828-	0.0003 U	--	0.281	--	0.00218	--	0.0001 U	--	5E-05 U	--	11.6	--	0.000571	--
MW-6	12/5/2018	WH6-181205-	0.0003 U	--	0.288	--	0.00208	--	0.0001 U	--	5E-05 U	--	11.4	--	0.000373	--
MW-6	3/8/2019	WH6-190308-	0.0003 U	--	0.293	--	0.00203	--	0.0001 U	--	5E-05 U	--	11.4	--	0.000675	--
MW-6	5/29/2019	WH6-190529-	0.0003 U	--	0.319	--	0.00195	--	0.0001 U	--	5E-05 U	--	11.6	--	0.000617	--
MW-6	8/28/2019	WH6-190828-	0.0003 U	--	0.278	--	0.00196	--	0.0001 U	--	5E-05 U	--	10.5	--	0.000389	--
MW-6	11/26/2019	WH6-191126-	0.0003 U	--	0.288	--	0.00203	--	0.0001 U	--	5E-05 U	--	11.1	--	0.000298	--
MW-6	3/4/2020	WH6-200305-	0.0003 U	--	0.322	--	0.00202	--	0.0001 U	--	5E-05 U	--	12	--	0.000583	--
MW-6	5/26/2020	WH6-200526-	0.0003 U	--	0.325	--	0.00209	--	0.0001 U	--	5E-05 U	--	12	--	0.000612	--
MW-6	8/17/2020	WH6-200817-	0.0003 U	--	0.328	--	0.00206	--	0.0001 U	--	5E-05 U	--	11.6	--	0.000509	--
MW-6	11/10/2020	WH6-201110-	0.0003 U	--	0.299	--	0.00199	--	0.0001 U	--	5E-05 U	--	10.8	--	0.000336	--
MW-6	2/9/2021	WH6-210209-	0.0003 U	--	0.315	--	0.00199	--	0.0001 U	--	5E-05 U	--	11.9	--	0.000547	--
MW-6	5/6/2021	WH6-210506-	0.0003 U	--	0.313	--	0.00202	--	0.0001 U	--	5E-05 U	--	12.2	--	0.000591	--
MW-6	8/3/2021	WH6-210803-	0.0003 U	--	0.292	--	0.00205	--	0.0001 U	--	5E-05 U	--	11.1	--	0.00049	--
MW-6	12/1/2021	WH6-211201-	0.0003 U	--	0.319	--	0.00203	--	0.0001 U	--	5E-05 U	--	11.7	--	0.000835	--
MW-6	2/17/2022	WH6-220217-	0.0003 U	--	0.36	--	0.00202	--	0.0001 U	--	5E-05 U	--	12.6	--	0.000645	--
MW-6	6/14/2022	WH6-220614-	0.0003 U	--	0.316	--	0.00199	--	0.0001 U	--	5E-05 U	--	12.2	--	0.000658	--
MW-6	8/12/2022	WH6-220812-	0.0003 U	--	0.332	--	0.00207	--	0.0001 U	--	5E-05 U	--	12.1	--	0.000711	--
MW-6	12/12/2022	WH6-221212-	0.0003 U	--	0.296	--	0.00202	--	0.0001 U	--	5E-05 U	--	11.2	--	0.000453	--
MW-6	2/23/2023	WH6-230223-	0.0003 U	--	0.321	--	0.00207	--	0.0001 U	--	5E-05 U	--	12.1	--	0.000758	--
MW-6	5/22/2023	WH6-230522-	0.0003 U	0.0003 U	0.304	0.32	0.00202	0.0022	0.0001 U	0.0001 U	5E-05 U	5E-05 U	11.8	11.9 D	0.000623	0.000756
MW-6	9/1/2023	WH6-230901-	0.0003 U	0.0003 U	0.307	0.292	0.00204	0.00209	0.0001 U	0.0001 U	5E-05 U	5E-05 U	11.8	--	0.000535	0.000592
MW-10	2/28/2013	WH10130228-	0.001 U	--	6.01	--	0.00518	--	0.001 U	--	0.002 DU	--	8.15	--	0.005 U	--
MW-10	5/21/2013	WH10130521-	0.001 U	--	5.13	--	0.00584 D	--	0.001 U	--	0.002 DU	--	8.63	--	0.005 U	--
MW-10	8/20/2013	WH10130820-	0.001 U	--	5.29	--	0.00533	--	0.001 U	--	0.002 U	--	9.29	--	0.005 U	--
MW-10	11/26/2013	WH10131126-	0.001 U	--	5.76	--	0.00555	--	0.001 U	--	0.002 DU	--	9.18	--	0.005 U	--
MW-10	2/19/2014	WH10140219-	0.001 U	--	6.17	--	0.005	--	0.001 U	--	0.002 U	--	8.68	--	0.005 U	--
MW-10	6/2/2014	WH10140602-	0.001 U	--	5.76	--	0.00509	--	0.001 U	--	0.002 U	--	8.6	--	0.005 U	--
MW-10	8/15/2014	WH10140815-	0.001 U	--	5	--	0.00522	--	0.001 U	--	0.002 U	--	8.52	--	0.005 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-10	12/3/2014	WH10141203-	0.001 U	--	6.24	--	0.00624	--	0.001 U	--	0.002 U	--	9.79	--	0.005 U	--
MW-10	2/24/2015	WH10150224-	0.001 U	--	6.28	--	0.00577	--	0.001 U	--	0.002 U	--	8.89	--	0.005 U	--
MW-10	5/18/2015	WH10150518-	0.001 U	--	5.1	--	0.00451	--	0.001 DU	--	0.002 U	--	7.91	--	0.005 U	--
MW-10	8/10/2015	WH10150810-	0.001 U	--	5.36	--	0.0051	--	0.001 U	--	0.002 U	--	8.4	--	0.005 U	--
MW-10	11/20/2015	WH10151120-	0.001 U	--	4.83	--	0.00541	--	0.001 U	--	0.002 U	--	8.55	--	0.005 U	--
MW-10	2/16/2016	WH10160216-	0.001 U	--	5.19	--	0.00436	--	0.001 U	--	0.002 U	--	7.31	--	0.005 U	--
MW-10	5/25/2016	WH10160525-	0.001 U	--	4.35	--	0.00386	--	0.001 U	--	0.002 U	--	8.08	--	0.005 U	--
MW-10	8/24/2016	WH10160824-	0.001 U	--	5.21	--	0.00456	--	0.001 U	--	0.002 U	--	7.97	--	0.005 U	--
MW-10	12/12/2016	WH10161212-	0.001 U	--	5.66	--	0.00503	--	0.001 U	--	0.002 U	--	8.07	--	0.005 U	--
MW-10	2/21/2017	WH10170221-	0.001 U	--	4.41	--	0.00496	--	0.001 U	--	0.002 U	--	7.9	--	0.005 U	--
MW-10	6/9/2017	WH10170609-	0.0003 U	--	4.68	--	0.00466	--	0.0001 U	--	5E-05 U	--	8.14	--	0.0002 U	--
MW-10	8/28/2017	WH10170828-	0.0003 U	--	5.09	--	0.00494	--	0.0001 U	--	5E-05 U	--	8.37	--	0.0002 U	--
MW-10	12/4/2017	WH10171204-	0.0003 U	--	5.14	--	0.00569	--	0.0001 U	--	5E-05 U	--	8.8	--	0.0002 U	--
MW-10	2/26/2018	WH10180226-	0.0003 U	--	5.09	--	0.00435	--	0.0001 U	--	5E-05 U	--	7.7	--	0.0002 U	--
MW-10	5/31/2018	WH10180531-	0.0003 U	--	4.23	--	0.00415	--	0.0001 U	--	5E-05 U	--	7.38	--	0.0002 U	--
MW-10	8/28/2018	WH10180828-	0.0003 U	--	4.48	--	0.0046	--	0.0001 U	--	5E-05 U	--	7.9	--	0.0002 U	--
MW-10	12/7/2018	WH10181207-	0.0003 U	--	4.68	--	0.00505	--	0.0001 U	--	5E-05 U	--	8.28	--	0.000272	--
MW-10	3/8/2019	WH10190308-	0.0003 U	--	4.65	--	0.0042	--	0.0001 U	--	5E-05 U	--	7.38	--	0.0002 U	--
MW-10	5/30/2019	WH10190530-	0.0003 U	--	3.87	--	0.00378	--	0.0001 U	--	5E-05 U	--	7.2	--	0.0002 U	--
MW-10	8/28/2019	WH10190828-	0.0003 U	--	3.96	--	0.0044	--	0.0001 U	--	5E-05 U	--	8.44	--	0.0002 U	--
MW-10	11/22/2019	WH10191122-	0.0003 U	--	4.55	--	0.00523	--	0.0001 U	--	5E-05 U	--	9.39	--	0.0002 U	--
MW-10	3/4/2020	WH10200305-	0.0003 U	--	4.65	--	0.00456	--	0.0001 U	--	5E-05 U	--	7.73	--	0.0002 U	--
MW-10	5/26/2020	WH10200526-	0.0003 U	--	3.88	--	0.0039	--	0.0001 U	--	5E-05 U	--	7.3	--	0.0002 U	--
MW-10	8/18/2020	WH10200818-	0.0003 U	--	3.81	--	0.00464	--	0.0001 U	--	5E-05 U	--	8.42	--	0.0002 U	--
MW-10	11/12/2020	WH10201112-	0.0003 U	--	4.35	--	0.00531	--	0.0001 U	--	5E-05 U	--	8.82	--	0.0002 U	--
MW-10	2/11/2021	WH10210211-	0.0003 U	--	4.56	--	0.00493	--	0.0001 U	--	5E-05 U	--	8.38	--	0.0002 U	--
MW-10	2/11/2021	WH10210211D	0.0003 U	--	4.57	--	0.00493	--	0.0001 U	--	5E-05 U	--	8.34	--	0.0002 U	--
MW-10	5/7/2021	WH10210507-	0.0003 U	--	3.56	--	0.00342	--	0.0001 U	--	5E-05 U	--	6.42	--	0.0002 U	--
MW-10	8/3/2021	WH10210803-	0.0003 U	--	3.84	--	0.00423	--	0.0001 U	--	5E-05 U	--	7.26	--	0.0002 U	--
MW-10	12/1/2021	WH10211201-	0.0003 U	--	4.5	--	0.00515	--	0.0001 U	--	5E-05 U	--	8.36	--	0.0002 U	--
MW-10	2/17/2022	WH10220217-	0.0003 U	--	4.25	--	0.00411	--	0.0001 U	--	5E-05 U	--	7.05	--	0.000221	--
MW-10	6/15/2022	WH10220615-	0.0003 U	--	3.74	--	0.00406	--	0.0001 U	--	5E-05 U	--	7.35	--	0.0002 U	--
MW-10	8/11/2022	WH10220811-	0.0003 U	--	3.56	--	0.00482	--	0.0001 U	--	5E-05 U	--	8.14	--	0.0002 U	--
MW-10	12/12/2022	WH10221212-	0.0003 U	--	4.28	--	0.00491	--	0.0001 U	--	5E-05 U	--	8.6	--	0.0002 U	--
MW-10	2/22/2023	WH10230222-	0.0003 U	--	4.02	--	0.00381	--	0.0001 U	--	5E-05 U	--	6.78	--	0.000523	--
MW-10	5/23/2023	WH10230523-	0.0003 U	0.0003 U	3.04	3.81	0.00333	0.0033	0.0001 U	0.0001 U	5E-05 U	5E-05 U	5.93	5.98	0.0002 U	0.0002 U
MW-10	8/31/2023	WH10230831-	0.0003 U	0.0003 U	3.22	3.49	0.00457	0.00447	0.0001 U	0.0001 U	5E-05 U	5E-05 U	8.24	--	0.0002 U	0.0002 U

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-11	2/27/2013	WH11130227-	0.001 U	--	1 U	--	0.00127	--	0.001 DU	--	0.002 U	--	6.07	--	0.005 U	--
MW-11	5/21/2013	WH11130521-	0.001 U	--	1 U	--	0.00138 D	--	0.001 U	--	0.002 DU	--	6.23	--	0.005 U	--
MW-11	8/22/2013	WH11130822-	0.001 U	--	1 U	--	0.00164	--	0.001 U	--	0.002 U	--	9.16	--	0.005 U	--
MW-11	11/25/2013	WH11131125-	0.001 U	--	1 U	--	0.00135	--	0.001 U	--	0.002 DU	--	5.94	--	0.005 U	--
MW-11	2/28/2014	WH11140228-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	3.74	--	0.005 U	--
MW-11	5/12/2014	WH11140512-	0.001 U	--	1 U	--	0.00101	--	0.001 U	--	0.002 U	--	4.22	--	0.005 U	--
MW-11	8/15/2014	WH11140815-	0.001 U	--	1 U	--	0.00141	--	0.001 U	--	0.002 U	--	7.51	--	0.005 U	--
MW-11	12/2/2014	WH11141202-	0.001 U	--	1 U	--	0.00143	--	0.001 U	--	0.002 U	--	6.13	--	0.005 U	--
MW-11	2/24/2015	WH11150224-	0.001 U	--	1 U	--	0.0011	--	0.001 U	--	0.002 U	--	4.61	--	0.005 U	--
MW-11	5/18/2015	WH11150518-	0.001 U	--	1 U	--	0.00112	--	0.001 DU	--	0.002 U	--	5.67	--	0.005 U	--
MW-11	8/13/2015	WH11150813-	0.001 U	--	1 U	--	0.00176	--	0.001 U	--	0.002 U	--	9.86	--	0.005 U	--
MW-11	11/12/2015	WH11151112-	0.001 U	--	1 U	--	0.00144	--	0.001 DU	--	0.002 U	--	6.59	--	0.005 U	--
MW-11	2/16/2016	WH11160216-	0.001 U	--	1 U	--	0.00103	--	0.001 U	--	0.002 U	--	4.29	--	0.005 U	--
MW-11	5/25/2016	WH11160525-	0.001 U	--	1 U	--	0.00128	--	0.001 U	--	0.002 U	--	6.77	--	0.005 U	--
MW-11	8/24/2016	WH11160824-	0.001 U	--	1 U	--	0.00192	--	0.001 U	--	0.002 U	--	10.9	--	0.005 U	--
MW-11	12/12/2016	WH11161212-	0.001 U	--	1 U	--	0.00122	--	0.001 U	--	0.002 U	--	4.6	--	0.005 U	--
MW-11	2/24/2017	WH11170224-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	4.07 D	--	0.005 U	--
MW-11	6/7/2017	WH11170607-	0.0003 U	--	0.0847	--	0.00146	--	0.0001 U	--	5E-05 U	--	8.14	--	0.000203	--
MW-11	8/24/2017	WH11170824-	0.0003 U	--	0.0898	--	0.0017	--	0.0001 U	--	5E-05 U	--	9.24	--	0.0002 U	--
MW-11	12/1/2017	WH11171201-	0.0003 U	--	0.0573	--	0.00135	--	0.0001 U	--	5E-05 U	--	5.28	--	0.0002 U	--
MW-11	3/1/2018	WH11180301-	0.0003 U	--	0.0534	--	0.00108	--	0.0001 U	--	5E-05 U	--	4.14	--	0.0002 U	--
MW-11	5/29/2018	WH11180529-	0.0003 U	--	0.0606	--	0.0012	--	0.0001 U	--	5E-05 U	--	4.86	--	0.0002 U	--
MW-11	8/27/2018	WH11180827-	0.0003 U	--	0.0919	--	0.00178	--	0.0001 U	--	5E-05 U	--	9.71	--	0.000207	--
MW-11	12/5/2018	WH11181205-	0.0003 U	--	0.0649	--	0.00159	--	0.0001 U	--	5E-05 U	--	6.42	--	0.0002 U	--
MW-11	3/11/2019	WH11190311-	0.0003 U	--	0.0713	--	0.00124	--	0.0001 U	--	5E-05 U	--	5.94	--	0.0002 U	--
MW-11	5/30/2019	WH11190530-	0.0003 U	--	0.0565	--	0.00134	--	0.0001 U	--	5E-05 U	--	5.71	--	0.0002 U	--
MW-11	8/28/2019	WH11190828-	0.0003 U	--	0.0919	--	0.00183	--	0.0001 U	--	5E-05 U	--	10.5	--	0.000215	--
MW-11	11/22/2019	WH11191122-	0.0003 U	--	0.0583	--	0.00202	--	0.0001 U	--	5E-05 U	--	8.49	--	0.0002 U	--
MW-11	3/4/2020	WH11200304-	0.0003 U	--	0.0541	--	0.00111	--	0.0001 U	--	5E-05 U	--	4.42	--	0.0002 U	--
MW-11	5/26/2020	WH11200526-	0.0003 U	--	0.0629	--	0.00127	--	0.0001 U	--	5E-05 U	--	5.28	--	0.0002 U	--
MW-11	8/18/2020	WH11200818-	0.0003 U	--	0.0962	--	0.00182	--	0.0001 U	--	5E-05 U	--	9.35	--	0.0002 U	--
MW-11	11/10/2020	WH11201110-	0.0003 U	--	0.0862	--	0.00156	--	0.0001 U	--	5E-05 U	--	7.22	--	0.0002 U	--
MW-11	2/11/2021	WH11210211-	0.0003 U	--	0.0634	--	0.00112	--	0.0001 U	--	5E-05 U	--	4.52	--	0.0002 U	--
MW-11	5/5/2021	WH11210505-	0.0003 U	--	0.0685	--	0.00127	--	0.0001 U	--	5E-05 U	--	5.23	--	0.0002 U	--
MW-11	8/3/2021	WH11210803-	0.0003 U	--	0.0937	--	0.00186	--	0.0001 U	--	5E-05 U	--	10	--	0.000202	--
MW-11	11/30/2021	WH11211130-	0.0003 U	--	0.0716	--	0.00152	--	0.0001 U	--	5E-05 U	--	5.68	--	0.000261	--
MW-11	2/17/2022	WH11220217-	0.0003 U	--	0.0831	--	0.00141	--	0.0001 U	--	5E-05 U	--	6.42	--	0.0002 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-11	6/15/2022	WH11220615-	0.0003 U	--	0.0627	--	0.00124	--	0.0001 U	--	5E-05 U	--	5.81	--	0.0002 U	--
MW-11	8/11/2022	WH11220811-	0.0003 U	--	0.0829	--	0.00145	--	0.0001 U	--	5E-05 U	--	6.99	--	0.0002 U	--
MW-11	12/12/2022	WH11221212-	0.0003 U	--	0.0648	--	0.00139	--	0.0001 U	--	5E-05 U	--	6.22	--	0.0002 U	--
MW-11	2/22/2023	WH11230222-	0.0003 U	--	0.0718	--	0.00145	--	0.0001 U	--	5E-05 U	--	7.13	--	0.0002 U	--
MW-11	2/22/2023	WH11230222D	0.0003 U	--	0.0757	--	0.0014	--	0.0001 U	--	5E-05 U	--	7.01	--	0.0002 U	--
MW-11	5/22/2023	WH11230522-	0.0003 U	0.0003 U	0.0633	0.0758	0.00129	0.00128	0.0001 U	0.0001 U	5E-05 U	5E-05 U	6.09	6.21 D	0.0002 U	0.0002 U
MW-11	8/31/2023	WH11230831-	0.0003 U	0.0003 U	0.1	0.0896	0.00196	0.0019	0.0001 U	0.0001 U	5E-05 U	5E-05 U	10.9	--	0.000345	0.00034
MW-18	2/26/2013	WH18130226-	0.001 U	--	1 U	--	0.00112	--	0.001 U	--	0.002 DU	--	4.56	--	0.005 U	--
MW-18	5/15/2013	WH18130515-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	4.12	--	0.005 U	--
MW-18	11/15/2013	WH18131115-	0.001 U	--	1 U	--	0.00121	--	0.001 U	--	0.002 U	--	5.08	--	0.005 U	--
MW-18	2/24/2014	WH18140224-	0.001 U	--	1 U	--	0.00114	--	0.001 U	--	0.002 U	--	4.58	--	0.005 U	--
MW-18	6/2/2014	WH18140602-	0.001 U	--	1 U	--	0.00101	--	0.001 U	--	0.002 U	--	4.33	--	0.005 U	--
MW-18	8/21/2014	WH18140821-	0.001 U	--	1 U	--	0.00112	--	0.001 U	--	0.002 U	--	4.8	--	0.005 U	--
MW-18	8/21/2014	WH18140821D	0.001 U	--	1 U	--	0.00112	--	0.001 U	--	0.002 DU	--	5.13	--	0.005 U	--
MW-18	12/3/2014	WH18141203-	0.001 U	--	1 U	--	0.00116	--	0.001 U	--	0.002 U	--	4.84	--	0.005 U	--
MW-18	2/24/2015	WH18150224-	0.001 U	--	1 U	--	0.0011	--	0.001 U	--	0.002 U	--	4.71	--	0.005 U	--
MW-18	5/22/2015	WH18150522-	0.001 U	--	1 U	--	0.00114	--	0.001 U	--	0.002 U	--	3.86	--	0.005 U	--
MW-18	12/2/2015	WH18151202-	0.001 U	--	1 U	--	0.00105	--	0.001 U	--	0.002 U	--	4.77	--	0.005 U	--
MW-18	2/12/2016	WH18160212-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	4.35	--	0.005 U	--
MW-18	5/23/2016	WH18160523-	0.001 U	--	1 U	--	0.00108	--	0.001 U	--	0.002 U	--	4.75	--	0.005 U	--
MW-18	12/15/2016	WH18161215-	0.001 U	--	1 U	--	0.00102	--	0.001 U	--	0.002 U	--	4.29	--	0.005 U	--
MW-18	2/24/2017	WH18170224-	0.001 U	--	1 U	--	0.00108	--	0.001 U	--	0.002 U	--	4.64 D	--	0.005 U	--
MW-18	6/16/2017	WH18170616-	0.0003 U	--	0.155	--	0.00108	--	0.0001 U	--	5E-05 U	--	4.01	--	0.0002 U	--
MW-18	8/25/2017	WH18170825-	0.0003 U	--	0.158	--	0.00115	--	0.0001 U	--	5E-05 U	--	4.77	--	0.0002 U	--
MW-18	12/1/2017	WH18171201-	0.0003 U	--	0.152	--	0.0012	--	0.0001 U	--	5E-05 U	--	4.73	--	0.0002 U	--
MW-18	3/1/2018	WH18180301-	0.0003 U	--	0.152	--	0.00113	--	0.0001 U	--	5E-05 U	--	4.55	--	0.0002 U	--
MW-18	5/31/2018	WH18180531-	0.0003 U	--	0.166	--	0.00118	--	0.0001 U	--	5E-05 U	--	4.3	--	0.0002 U	--
MW-18	12/7/2018	WH18181207-	0.0003 U	--	0.171	--	0.00118	--	0.0001 U	--	5E-05 U	--	4.97	--	0.0002 U	--
MW-18	3/11/2019	WH18190311-	0.0003 U	--	0.155	--	0.00117	--	0.0001 U	--	5E-05 U	--	4.8	--	0.000303	--
MW-18	5/30/2019	WH18190530-	0.0003 U	--	0.153	--	0.00105	--	0.0001 U	--	5E-05 U	--	4.47	--	0.0002 U	--
MW-18	3/6/2020	WH18200306-	0.0003 U	--	0.154	--	0.000979	--	0.0001 U	--	5E-05 U	--	4.54	--	0.0002 U	--
MW-18	5/26/2020	WH18200526-	0.0003 U	--	0.164	--	0.00112	--	0.0001 U	--	5E-05 U	--	4.51	--	0.0002 U	--
MW-18	2/10/2021	WH18210210-	0.0003 U	--	0.182	--	0.00117	--	0.0001 U	--	5E-05 U	--	5.14	--	0.0002 U	--
MW-18	5/6/2021	WH18210506-	0.0003 U	--	0.18	--	0.00108	--	0.0001 U	--	5E-05 U	--	4.76	--	0.0002 U	--
MW-18	11/30/2021	WH18211130-	0.0003 U	--	0.185	--	0.00131	--	0.0001 U	--	5E-05 U	--	5.46	--	0.0002 U	--
MW-18	2/17/2022	WH18220217-	0.0003 U	--	0.183	--	0.00121	--	0.0001 U	--	5E-05 U	--	5.11	--	0.0002 U	--
MW-18	6/15/2022	WH18220615-	0.0003 U	--	0.157	--	0.00105	--	0.0001 U	--	5E-05 U	--	4.52	--	0.0002 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-18	8/12/2022	WH18220812-	0.0003 U	--	0.174	--	0.00121	--	0.0001 U	--	5E-05 U	--	4.72	--	0.00116	--
MW-18	12/13/2022	WH18221213-	0.0003 U	--	0.167	--	0.00138	--	0.0001 U	--	5E-05 U	--	5.61	--	0.000351	--
MW-18	2/22/2023	WH18230222-	0.0003 U	--	0.168	--	0.00123	--	0.0001 U	--	5E-05 U	--	5.35	--	0.0002 U	--
MW-18	5/22/2023	WH18230522-	0.0003 U	0.0003 U	0.156	0.16	0.00109	0.00109	0.0001 U	0.0001 U	5E-05 U	5E-05 U	4.59	4.65 D	0.0002 U	0.0002 U
MW-26	12/24/2019	WH26191224-	0.0003 U	--	0.0759	--	0.00117	--	0.0001 U	--	5E-05 U	--	3.59	--	0.0002 U	--
MW-26	3/5/2020	WH26200305-	0.0003 U	--	0.0698	--	0.00131	--	0.0001 U	--	5E-05 U	--	3.65	--	0.0002 U	--
MW-26	5/26/2020	WH26200526-	0.0003 U	--	0.0766	--	0.00122	--	0.0001 U	--	5E-05 U	--	4.41	--	0.000218	--
MW-26	8/18/2020	WH26200818-	0.0003 U	--	0.083	--	0.00129	--	0.0001 U	--	5E-05 U	--	4.37	--	0.0002 U	--
MW-26	11/9/2020	WH26201109-	0.0003 U	--	0.0886	--	0.0014	--	0.0001 U	--	5E-05 U	--	4.65	--	0.0002 U	--
MW-26	2/9/2021	WH26210209-	0.0003 U	--	0.0849	--	0.00104	--	0.0001 U	--	5E-05 U	--	3.47	--	0.0002 U	--
MW-26	5/5/2021	WH26210505-	0.0003 U	--	0.0746	--	0.00119	--	0.0001 U	--	5E-05 U	--	4.09	--	0.0002 U	--
MW-26	8/2/2021	WH26210802-	0.0003 U	--	0.079	--	0.00136	--	0.0001 U	--	5E-05 U	--	4.54	--	0.0002 U	--
MW-26	11/30/2021	WH26211130-	0.0003 U	--	0.0917	--	0.000966	--	0.0001 U	--	5E-05 U	--	3.05	--	0.0002 U	--
MW-26	11/30/2021	WH26211130D	0.0003 U	--	0.0916	--	0.000937	--	0.0001 U	--	5E-05 U	--	3.02	--	0.000214	--
MW-26	2/17/2022	WH26220217-	0.0003 U	--	0.0816	--	0.00113	--	0.0001 U	--	5E-05 U	--	4.13	--	0.0002 U	--
MW-26	6/14/2022	WH26220614-	0.0003 U	--	0.0688	--	0.00124	--	0.0001 U	--	5E-05 U	--	4.32	--	0.0002 U	--
MW-26	8/12/2022	WH26220812-	0.0003 U	--	0.0886	--	0.00137	--	0.0001 U	--	5E-05 U	--	4.55	--	0.000288	--
MW-26	8/12/2022	WH26220812D	0.0003 U	--	0.0887	--	0.00133	--	0.0001 U	--	5E-05 U	--	4.42	--	0.000389	--
MW-26	12/13/2022	WH26221213-	0.0003 U	--	0.0751	--	0.00166	--	0.0001 U	--	5E-05 U	--	5.53	--	0.0002 U	--
MW-26	2/22/2023	WH26230222-	0.0003 U	--	0.0618	--	0.00139	--	0.0001 U	--	5E-05 U	--	4.82	--	0.0002 U	--
MW-26	5/22/2023	WH26230522-	0.0003 U	0.0003 U	0.0595	0.0747	0.00133	0.00151	0.0001 U	0.0001 U	5E-05 U	5E-05 U	4.59	4.65 D	0.0002 U	0.0002 U
MW-26	8/31/2023	WH26230831-	0.0003 U	0.0003 U	0.0747	0.0679	0.00152	0.00158	0.0001 U	0.0001 U	5E-05 U	5E-05 U	5.06	--	0.0002 U	0.0002 U
Deep Aquifer																
MW-3	3/1/2013	WH3-130301-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 DU	--	12.5	--	0.005 U	--
MW-3	5/22/2013	WH3-130522-	0.001 U	--	1 U	--	0.001 DU	--	0.001 U	--	0.002 DU	--	13	--	0.005 U	--
MW-3	8/27/2013	WH3-130827-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	15.2	--	0.005 U	--
MW-3	11/20/2013	WH3-131120-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	12.7	--	0.005 U	--
MW-3	2/24/2014	WH3-140224-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	11.6	--	0.005 U	--
MW-3	2/24/2014	WH3-140224D	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	11.8	--	0.005 U	--
MW-3	5/28/2014	WH3-140528-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	12.2	--	0.005 U	--
MW-3	8/19/2014	WH3-140819-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	12.3	--	0.005 U	--
MW-3	11/25/2014	WH3-141125-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	12.5	--	0.005 U	--
MW-3	2/25/2015	WH3-150225-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	12.3	--	0.005 U	--
MW-3	6/3/2015	WH3-150603-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	13.1	--	0.005 U	--
MW-3	8/11/2015	WH3-150811-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	13.2	--	0.005 U	--
MW-3	11/20/2015	WH3-151120-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	12.6	--	0.005 U	--
MW-3	2/12/2016	WH3-160212-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	13.2	--	0.005 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-3	5/24/2016	WH3-160524-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	15.8	--	0.005 U	--
MW-3	8/24/2016	WH3-160824-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	13.9	--	0.005 U	--
MW-3	12/9/2016	WH3-161209-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	12.9	--	0.005 U	--
MW-3	2/21/2017	WH3-170221-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	13	--	0.005 U	--
MW-3	6/7/2017	WH3-170607-	0.0003 U	--	0.205	--	0.000549	--	0.0001 U	--	5E-05 U	--	13.8	--	0.0002 U	--
MW-3	8/25/2017	WH3-170825-	0.0003 U	--	0.224	--	0.000527	--	0.0001 U	--	5E-05 U	--	14.4	--	0.0002 U	--
MW-3	12/1/2017	WH3-171201-	0.0003 U	--	0.203	--	0.00054	--	0.0001 U	--	5E-05 U	--	14.2	--	0.0002 U	--
MW-3	3/1/2018	WH3-180301-	0.0003 U	--	0.207	--	0.000533	--	0.0001 U	--	5E-05 U	--	13.5	--	0.0002 U	--
MW-3	5/24/2018	WH3-180524-	0.0003 U	--	0.202	--	0.000563	--	0.0001 U	--	5E-05 U	--	14	--	0.0002 U	--
MW-3	8/27/2018	WH3-180827-	0.0003 U	--	0.215	--	0.000539	--	0.0001 U	--	5E-05 U	--	14.7	--	0.0002 U	--
MW-3	12/5/2018	WH3-181205-	0.0003 U	--	0.212	--	0.000521	--	0.0001 U	--	5E-05 U	--	13.6	--	0.0002 U	--
MW-3	3/8/2019	WH3-190308-	0.0003 U	--	0.213	--	0.000614	--	0.0001 U	--	5E-05 U	--	14.5	--	0.0002 U	--
MW-3	5/30/2019	WH3-190530-	0.0003 U	--	0.216	--	0.000554	--	0.0001 U	--	5E-05 U	--	14.5	--	0.0002 U	--
MW-3	9/3/2019	WH3-190903-	0.0003 U	--	0.209	--	0.000525	--	0.0001 U	--	5E-05 U	--	14.4	--	0.0002 U	--
MW-3	11/22/2019	WH3-191122-	0.0003 U	--	0.217	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	14.2	--	0.0002 U	--
MW-3	3/4/2020	WH3-200304-	0.0003 U	--	0.217	--	0.000528	--	0.0001 U	--	5E-05 U	--	14.9	--	0.0002 U	--
MW-3	5/21/2020	WH3-200521-	0.0003 U	--	0.225	--	0.000565	--	0.0001 U	--	5E-05 U	--	14.6	--	0.0002 U	--
MW-3	8/17/2020	WH3-200817-	0.0003 U	--	0.222	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	15	--	0.0002 U	--
MW-3	11/9/2020	WH3-201109-	0.0003 U	--	0.225	--	0.000546	--	0.0001 U	--	5E-05 U	--	14.3	--	0.0002 U	--
MW-3	2/8/2021	WH3-210208-	0.0003 U	--	0.22	--	0.000516	--	0.0001 U	--	5E-05 U	--	14.9	--	0.0002 U	--
MW-3	5/6/2021	WH3-210506-	0.0003 U	--	0.231	--	0.000541	--	0.0001 U	--	5E-05 U	--	14.4	--	0.0002 U	--
MW-3	8/2/2021	WH3-210802-	0.0003 U	--	0.229	--	0.000566	--	0.0001 U	--	5E-05 U	--	14.2	--	0.0002 U	--
MW-3	11/30/2021	WH3-211130-	0.0003 U	--	0.234	--	0.000544	--	0.0001 U	--	5E-05 U	--	15.1	--	0.0002 U	--
MW-3	2/16/2022	WH3-220216-	0.0003 U	--	0.231	--	0.000566	--	0.0001 U	--	5E-05 U	--	15.4	--	0.0002 U	--
MW-3	6/14/2022	WH3-220614-	0.0003 U	--	0.207	--	0.000543	--	0.0001 U	--	5E-05 U	--	14.8	--	0.0002 U	--
MW-3	8/11/2022	WH3-220811-	0.0003 U	--	0.221	--	0.000562	--	0.0001 U	--	5E-05 U	--	15.2	--	0.0002 U	--
MW-3	12/12/2022	WH3-221212-	0.0003 U	--	0.214	--	0.000582	--	0.0001 U	--	5E-05 U	--	15.1	--	0.0002 U	--
MW-3	2/22/2023	WH3-230222-	0.0003 U	--	0.218	--	0.000549	--	0.0001 U	--	5E-05 U	--	14.7	--	0.0002 U	--
MW-3	5/22/2023	WH3-230522-	0.0003 U	0.0003 U	0.203	0.203	0.000537	0.00052	0.0001 U	0.0001 U	5E-05 U	5E-05 U	14.5	14.5 D	0.0002 U	0.0002 U
MW-3	8/30/2023	WH3-230830-	0.0003 U	0.0003 U	0.21	0.211	0.000565	0.000546	0.0001 U	0.0001 U	5E-05 U	5E-05 U	15.1	--	0.0002 U	0.000202
MW-7	2/28/2013	WH7-130228-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 DU	--	35.5	--	0.005 U	--
MW-7	5/16/2013	WH7-130516-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	32.9	--	0.005 U	--
MW-7	8/20/2013	WH7-130820-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	36.7	--	0.005 U	--
MW-7	11/19/2013	WH7-131119-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	35.6	--	0.005 U	--
MW-7	2/20/2014	WH7-140220-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	34.1	--	0.005 U	--
MW-7	5/22/2014	WH7-140522-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	34	--	0.005 U	--
MW-7	8/15/2014	WH7-140815-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	33.9	--	0.005 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-7	12/2/2014	WH7-141202-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	33.9	--	0.005 U	--
MW-7	2/26/2015	WH7-150226-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	33.5	--	0.005 U	--
MW-7	5/22/2015	WH7-150522-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	28.3	--	0.005 U	--
MW-7	8/10/2015	WH7-150810-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	33.6	--	0.005 U	--
MW-7	11/10/2015	WH7-151110-	0.001 U	--	1 U	--	0.001 U	--	0.001 DU	--	0.002 U	--	35.9	--	0.005 U	--
MW-7	2/16/2016	WH7-160216-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	31.9	--	0.005 U	--
MW-7	5/24/2016	WH7-160524-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	38.8	--	0.005 U	--
MW-7	8/23/2016	WH7-160823-	0.001 U	--	1 U	--	0.001 U	--	0.001 DU	--	0.002 U	--	32.6	--	0.005 U	--
MW-7	12/12/2016	WH7-161212-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	31.9	--	0.005 U	--
MW-7	2/21/2017	WH7-170221-	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	31.9	--	0.005 U	--
MW-7	6/14/2017	WH7-170614-	0.0003 U	--	0.253	--	0.000764	--	0.0001 U	--	5E-05 U	--	32.8	--	0.0002 U	--
MW-7	8/24/2017	WH7-170824-	0.0003 U	--	0.241	--	0.000803	--	0.0001 U	--	5E-05 U	--	34.9	--	0.0002 U	--
MW-7	12/1/2017	WH7-171201-	0.0003 U	--	0.232	--	0.000802	--	0.0001 U	--	5E-05 U	--	34.3	--	0.0002 U	--
MW-7	3/1/2018	WH7-180301-	0.0003 U	--	0.258	--	0.000714	--	0.0001 U	--	5E-05 U	--	32.1	--	0.0002 U	--
MW-7	5/29/2018	WH7-180529-	0.0003 U	--	0.263	--	0.000858	--	0.0001 U	--	5E-05 U	--	34.7	--	0.0002 U	--
MW-7	8/22/2018	WH7-180822-	0.0003 U	--	0.236	--	0.000864	--	0.0001 U	--	5E-05 U	--	35	--	0.0002 U	--
MW-7	8/22/2018	WH7-180822D	0.0003 U	--	0.24	--	0.000796	--	0.0001 U	--	5E-05 U	--	34.7	--	0.0002 U	--
MW-7	11/30/2018	WH7-181130-	0.0003 U	--	0.204	--	0.000704	--	0.0001 U	--	5E-05 U	--	32.9	--	0.0002 U	--
MW-7	3/8/2019	WH7-190308-	0.0003 U	--	0.235	--	0.000787	--	0.0001 U	--	5E-05 U	--	35	--	0.0002 U	--
MW-7	3/8/2019	WH7-190308D	0.0003 U	--	0.232	--	0.000743	--	0.0001 U	--	5E-05 U	--	33.7	--	0.0002 U	--
MW-7	5/29/2019	WH7-190529-	0.0003 U	--	0.244	--	0.00074	--	0.0001 U	--	5E-05 U	--	34.1	--	0.0002 U	--
MW-7	9/3/2019	WH7-190903-	0.0003 U	--	0.302	--	0.000682	--	0.0001 U	--	5E-05 U	--	32.1	--	0.0002 U	--
MW-7	11/22/2019	WH7-191122-	0.0003 U	--	0.306	--	0.00065	--	0.0001 U	--	5E-05 U	--	32.8	--	0.0002 U	--
MW-7	3/2/2020	WH7-200302-	0.0003 U	--	0.271	--	0.000758	--	0.0001 U	--	5E-05 U	--	32.7	--	0.0002 U	--
MW-7	5/21/2020	WH7-200521-	0.0003 U	--	0.255	--	0.000749	--	0.0001 U	--	5E-05 U	--	34	--	0.0002 U	--
MW-7	8/17/2020	WH7-200817-	0.0003 U	--	0.26	--	0.000756	--	0.0001 U	--	5E-05 U	--	33.2	--	0.0002 U	--
MW-7	11/12/2020	WH7-201112-	0.0003 U	--	0.198	--	0.000706	--	0.0001 U	--	5E-05 U	--	31.7	--	0.0002 U	--
MW-7	2/12/2021	WH7-210212-	0.0003 U	--	0.264	--	0.000727	--	0.0001 U	--	5E-05 U	--	32.2	--	0.0002 U	--
MW-7	5/5/2021	WH7-210505-	0.0003 U	--	0.269	--	0.000841	--	0.0001 U	--	5E-05 U	--	33.3	--	0.0002 U	--
MW-7	8/4/2021	WH7-210804-	0.0003 U	--	0.244	--	0.000781	--	0.0001 U	--	5E-05 U	--	32.6	--	0.0002 U	--
MW-7	12/1/2021	WH7-211201-	0.0003 U	--	0.248	--	0.000768	--	0.0001 U	--	5E-05 U	--	32.7	--	0.000804	--
MW-7	2/16/2022	WH7-220216-	0.0003 U	--	0.302	--	0.000741	--	0.0001 U	--	5E-05 U	--	32.9	--	0.0002 U	--
MW-7	6/14/2022	WH7-220614-	0.0003 U	--	0.259	--	0.000735	--	0.0001 U	--	5E-05 U	--	32.3	--	0.000241	--
MW-7	8/9/2022	WH7-220809-	0.0003 U	--	0.255	--	0.00077	--	0.0001 U	--	5E-05 U	--	33.6	--	0.000205	--
MW-7	12/12/2022	WH7-221212-	0.0003 U	--	0.326	--	0.000689	--	0.0001 U	--	5E-05 U	--	30.8	--	0.000295	--
MW-7	2/23/2023	WH7-230223-	0.0003 U	--	0.247	--	0.000765	--	0.0001 U	--	5E-05 U	--	31.8	--	0.0002 U	--
MW-7	5/22/2023	WH7-230522-	0.0003 U	0.0003 U	0.235	0.239	0.000733	0.000711	0.0001 U	0.0001 U	5E-05 U	5E-05 U	30.9	31 D	0.000208	0.0002 U

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-7	8/30/2023	WH7-230830-	0.0003 U	0.0003 U	0.286	0.283	0.000624	0.000649	0.0001 U	0.0001 U	5E-05 U	5E-05 U	31.4	--	0.0002	0.0002 U
MW-25	2/25/2013	WH25130225-	0.001 U	--	1.15	--	0.001 U	--	0.001 DU	--	0.002 U	--	10.2	--	0.005 U	--
MW-25	5/28/2013	WH25130528-	0.001 U	--	1.09	--	0.001 DU	--	0.001 U	--	0.002 DU	--	9.35	--	0.005 U	--
MW-25	8/19/2013	WH25130819-	0.001 U	--	1.11	--	0.001 U	--	0.001 U	--	0.002 U	--	9.47	--	0.005 U	--
MW-25	11/21/2013	WH25131121-	0.001 U	--	1.11	--	0.001 U	--	0.001 U	--	0.002 U	--	9.15	--	0.005 U	--
MW-25	2/25/2014	WH25140225-	0.001 U	--	1.13	--	0.001 U	--	0.001 U	--	0.002 U	--	8.58	--	0.005 U	--
MW-25	6/4/2014	WH25140604-	0.001 U	--	1.06 D	--	0.001 DU	--	0.001 U	--	0.002 U	--	9.29 D	--	0.005 U	--
MW-25	8/15/2014	WH25140815-	0.001 U	--	1.02	--	0.001 U	--	0.001 U	--	0.002 U	--	9.09	--	0.005 U	--
MW-25	12/2/2014	WH25141202-	0.001 U	--	1.1	--	0.001 U	--	0.001 U	--	0.002 U	--	9.3	--	0.005 U	--
MW-25	2/24/2015	WH25150224-	0.001 U	--	1.15	--	0.001 U	--	0.001 U	--	0.002 U	--	9.45	--	0.005 U	--
MW-25	5/22/2015	WH25150522-	0.001 U	--	1.03	--	0.001 U	--	0.001 U	--	0.002 U	--	7.9	--	0.005 U	--
MW-25	5/22/2015	WH25150522D	0.001 U	--	1	--	0.00103	--	0.001 U	--	0.002 U	--	8.13	--	0.005 U	--
MW-25	8/10/2015	WH25150810-	0.001 U	--	1.11	--	0.00102	--	0.001 U	--	0.002 U	--	9.32	--	0.005 U	--
MW-25	11/12/2015	WH25151112-	0.001 U	--	1.1	--	0.00103	--	0.001 DU	--	0.002 U	--	10.5	--	0.005 U	--
MW-25	2/12/2016	WH25160212-	0.001 U	--	1.08	--	0.001 U	--	0.001 U	--	0.002 U	--	9.55	--	0.005 U	--
MW-25	5/25/2016	WH25160525-	0.001 U	--	1.02	--	0.001 U	--	0.001 U	--	0.002 U	--	10.6	--	0.005 U	--
MW-25	8/29/2016	WH25160829-	0.001 U	--	1.15	--	0.001 U	--	0.001 U	--	0.002 U	--	9.99	--	0.005 U	--
MW-25	12/15/2016	WH25161215-	0.001 U	--	1.22	--	0.001 U	--	0.001 U	--	0.002 U	--	9.38	--	0.005 U	--
MW-25	12/15/2016	WH25161215D	0.001 U	--	1.17	--	0.001	--	0.001 U	--	0.002 U	--	9.67	--	0.005 U	--
MW-25	2/22/2017	WH25170222-	0.001 U	--	1.05	--	0.001 U	--	0.001 U	--	0.002 U	--	10.1 D	--	0.005 U	--
MW-25	6/7/2017	WH25170607-	0.0003 U	--	1.07	--	0.00102	--	0.0001 U	--	5E-05 U	--	10.2	--	0.000976	--
MW-25	8/24/2017	WH25170824-	0.0003 U	--	1.11	--	0.00104	--	0.0001 U	--	5E-05 U	--	10.4	--	0.000969	--
MW-25	12/1/2017	WH25171201-	0.0003 U	--	1.06	--	0.00108	--	0.0001 U	--	5E-05 U	--	10.3	--	0.000991	--
MW-25	3/1/2018	WH25180301-	0.0003 U	--	1.08	--	0.00106	--	0.0001 U	--	5E-05 U	--	9.97	--	0.00113	--
MW-25	5/31/2018	WH25180531-	0.0003 U	--	1.1	--	0.00111	--	0.0001 U	--	5E-05 U	--	11	--	0.00104	--
MW-25	8/27/2018	WH25180827-	0.0003 U	--	1.09	--	0.00109	--	0.0001 U	--	5E-05 U	--	10.9	--	0.0011	--
MW-25	12/7/2018	WH25181207-	0.0003 U	--	1.08	--	0.00104	--	0.0001 U	--	5E-05 U	--	10.8	--	0.00109	--
MW-25	3/11/2019	WH25190311-	0.0003 U	--	1.05	--	0.00105	--	0.0001 U	--	5E-05 U	--	10.7	--	0.00114	--
MW-25	5/30/2019	WH25190530-	0.0003 U	--	1.05	--	0.00107	--	0.0001 U	--	5E-05 U	--	10.9	--	0.00099	--
MW-25	9/3/2019	WH25190903-	0.0003 U	--	1.06	--	0.000984	--	0.0001 U	--	5E-05 U	--	10.7	--	0.00101	--
MW-25	11/26/2019	WH25191126-	0.0003 U	--	1.06	--	0.00109	--	0.0001 U	--	5E-05 U	--	10.8	--	0.000992	--
MW-25	11/26/2019	WH25191126D	0.0003 U	--	1.07	--	0.00104	--	0.0001 U	--	5E-05 U	--	10.7	--	0.00101	--
MW-25	3/5/2020	WH25200305-	0.0003 U	--	1.11	--	0.00109	--	0.0001 U	--	5E-05 U	--	10.8	--	0.00106	--
MW-25	5/26/2020	WH25200526-	0.0003 U	--	1.09	--	0.00107	--	0.0001 U	--	5E-05 U	--	11	--	0.00106	--
MW-25	8/18/2020	WH25200818-	0.0003 U	--	1.08	--	0.00107	--	0.0001 U	--	5E-05 U	--	10.9	--	0.000949	--
MW-25	11/9/2020	WH25201109-	0.0003 U	--	1.1	--	0.00106	--	0.0001 U	--	5E-05 U	--	10.7	--	0.000991	--
MW-25	2/16/2021	WH25210216-	0.0003 U	--	1.07	--	0.00113	--	0.0001 U	--	5E-05 U	--	11	--	0.00099	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Antimony, Dissolved	Antimony. Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Calcium, Dissolved	Calcium, Total	Chromium, Dissolved	Chromium, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-25	5/5/2021	WH25210505-	0.0003 U	--	1.08	--	0.00113	--	0.0001 U	--	5E-05 U	--	10.9	--	0.00111	--
MW-25	8/3/2021	WH25210803-	0.0003 U	--	1.06	--	0.00112	--	0.0001 U	--	5E-05 U	--	11	--	0.00105	--
MW-25	12/1/2021	WH25211201-	0.0003 U	--	1.11	--	0.0011	--	0.0001 U	--	5E-05 U	--	11.2	--	0.000929	--
MW-25	2/16/2022	WH25220216-	0.0003 U	--	1.14	--	0.00109	--	0.0001 U	--	5E-05 U	--	11.5	--	0.00106	--
MW-25	6/15/2022	WH25220615-	0.0003 U	--	1.08	--	0.00107	--	0.0001 U	--	5E-05 U	--	11.1	--	0.000916	--
MW-25	8/11/2022	WH25220811-	0.0003 U	--	1.11	--	0.00117	--	0.0001 U	--	5E-05 U	--	11.3	--	0.00107	--
MW-25	12/12/2022	WH25221212-	0.0003 U	--	1.09	--	0.00104	--	0.0001 U	--	5E-05 U	--	11.2	--	0.00109	--
MW-25	12/12/2022	WH25221212D	0.0003 U	--	1.1	--	0.0011	--	0.0001 U	--	5E-05 U	--	11.4	--	0.00098	--
MW-25	2/22/2023	WH25230222-	0.0003 U	--	1.06	--	0.00111	--	0.0001 U	--	5E-05 U	--	10.6	--	0.000993	--
MW-25	5/22/2023	WH25230522-	0.0003 U	0.0003 U	1.03	1.01	0.00105	0.00109	0.0001 U	0.0001 U	5E-05 U	5E-05 U	10.8	10.9 D	0.00102	0.001
MW-25	5/22/2023	WH25230522D	0.0003 U	0.0003 U	1.04	1	0.00104	0.00102	0.0001 U	0.0001 U	5E-05 U	5E-05 U	11	10.8 D	0.00103	0.000958
MW-25	8/31/2023	WH25230831-	0.0003 U	0.0003 U	1.09	1.07	0.0011	0.0011	0.0001 U	0.0001 U	5E-05 U	5E-05 U	11.3	--	0.000998	0.00116
Field Blanks																
FIELD BLANK	11/21/2013	WH25131121F	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	0.01 U	--	0.005 U	--
FIELD BLANK	2/20/2014	WH7-140220F	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	0.01 U	--	0.005 U	--
FIELD BLANK	5/28/2014	WH3-140528F	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	0.01 U	--	0.005 U	--
FIELD BLANK	12/2/2014	WH4-141202F	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	0.01 U	--	0.005 U	--
FIELD BLANK	8/13/2015	WH11150813F	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	0.01 U	--	0.005 U	--
FIELD BLANK	5/23/2016	WH4-160523F	0.001 U	--	1 U	--	0.001 U	--	0.001 U	--	0.002 U	--	0.01 U	--	0.005 U	--
FIELD BLANK	6/14/2017	WH7-170614F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	8/28/2017	WH10170828F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	5/31/2018	WH18180531F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	11/30/2018	WH7-181130F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	3/2/2020	WH7-200302F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	8/17/2020	WH3-200817F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	11/12/2020	WH7-201112F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	8/3/2021	WH11210803F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	2/16/2022	WH7-220216F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	6/14/2022	WH26220614F	0.0003 U	--	0.05 U	--	0.0005 U	--	0.0001 U	--	5E-05 U	--	0.05 U	--	0.0002 U	--
FIELD BLANK	9/1/2023	WH6-230901F	0.0003 U	0.0003 U	0.05 U	0.05 U	0.0005 U	0.0005 U	0.0001 U	0.0001 U	5E-05 U	5E-05 U	0.05 U	--	0.0002 U	0.0002 U

Notes:

-- = parameter was not sampled for

See Appendix A for qualifier definitions.

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
Shallow Aquifer																
MW-1	2/28/2013	WH1-130228-	0.003 U	--	0.002 U	--	0.891	--	0.001 U	--	1.95	--	1590 D	--	0.0001 U	--
MW-1	2/28/2013	WH1-130228D	0.003 U	--	0.002 U	--	0.892	--	0.001 U	--	1.95	--	1590 D	--	0.0001 U	--
MW-1	5/16/2013	WH1-130516-	0.003 U	--	0.002 U	--	1.99	--	0.001 U	--	1.79	--	1620 D	--	0.0001 U	--
MW-1	8/20/2013	WH1-130820-	0.003 DU	--	0.002 U	--	0.897	--	0.001 U	--	2.08	--	1550	--	0.0001 U	--
MW-1	11/19/2013	WH1-131119-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	2.13	--	460	--	0.0001 U	--
MW-1	2/20/2014	WH1-140220-	0.003 U	--	0.002 U	--	0.031 T	--	0.001 U	--	1.7	--	588	--	0.0001 U	--
MW-1	5/27/2014	WH1-140527-	0.003 U	--	0.002 U	--	2.76	--	0.001 U	--	1.69	--	1810 D	--	0.0001 U	--
MW-1	8/20/2014	WH1-140820-	0.003 U	--	0.002 U	--	1.43	--	0.001 U	--	1.85	--	1380 D	--	0.0001 U	--
MW-1	12/3/2014	WH1-141203-	0.003 U	--	0.002 U	--	0.0716	--	0.001 U	--	1.83	--	755	--	0.0001 U	--
MW-1	2/25/2015	WH1-150225-	0.00309	--	0.002 U	--	3.11	--	0.001 U	--	2.35	--	1980	--	0.0001 U	--
MW-1	5/22/2015	WH1-150522-	0.003 U	--	0.002 U	--	2.54	--	0.001 U	--	1.88	--	1580	--	0.0001 U	--
MW-1	8/11/2015	WH1-150811-	0.003 U	--	0.002 U	--	1.3	--	0.001 U	--	1.83	--	1740	--	0.0001 U	--
MW-1	11/10/2015	WH1-151110-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	2.54 D	--	522 D	--	0.0001 U	--
MW-1	2/16/2016	WH1-160216-	0.003 U	--	0.002 U	--	0.21	--	0.001 U	--	1.84	--	547	--	0.0001 U	--
MW-1	5/24/2016	WH1-160524-	0.003 U	--	0.002 U	--	1.45	--	0.001 U	--	1.64	--	1600	--	0.0001 U	--
MW-1	8/23/2016	WH1-160823-	0.003 U	--	0.002 U	--	0.891	--	0.001 U	--	1.82	--	1360	--	0.0001 U	--
MW-1	12/12/2016	WH1-161212-	0.003 U	--	0.002 U	--	0.028 T	--	0.001 U	--	1.5	--	589	--	0.0001 U	--
MW-1	2/21/2017	WH1-170221-	0.003 DU	--	0.002 U	--	0.711	--	0.001 DU	--	2.38	--	1190 D	--	0.0001 U	--
MW-1	6/9/2017	WH1-170609-	0.00304	--	0.000277	--	2.81	--	0.0001 U	--	1.61	--	1680	--	5E-05 U	--
MW-1	8/24/2017	WH1-170824-	0.00248	--	0.00038	--	2	--	0.0001 U	--	1.51	--	1640 D	--	5E-05 U	--
MW-1	12/1/2017	WH1-171201-	5E-05 U	--	0.00147	--	0.0119	--	0.0001 U	--	1.51	--	60.9	--	5E-05 U	--
MW-1	3/1/2018	WH1-180301-	0.00192	--	0.000472	--	0.938	--	0.0001 U	--	2.01	--	1600	--	5E-05 U	--
MW-1	5/29/2018	WH1-180529-	0.00243	--	0.000377	--	1.68	--	0.0001 U	--	1.63	--	1940	--	5E-05 U	--
MW-1	8/28/2018	WH1-180828-	0.00192	--	0.000508	--	1.19	--	0.0001 U	--	1.65	--	1590 D	--	5E-05 U	--
MW-1	11/30/2018	WH1-181130-	5E-05 U	--	0.00132	--	0.01 U	--	0.0001 U	--	1.91	--	44.5	--	5E-05 U	--
MW-1	3/8/2019	WH1-190308-	7.51E-05	--	0.000808	--	0.0172	--	0.0001 U	--	1.61	--	423	--	5E-05 U	--
MW-1	5/29/2019	WH1-190529-	0.00198	--	0.000421	--	0.69	--	0.0001 U	--	2.16	--	2200	--	5E-05 U	--
MW-1	5/29/2019	WH1-190529D	0.00199	--	0.000459	--	0.7	--	0.0001 U	--	2.2	--	2250	--	5E-05 U	--
MW-1	8/28/2019	WH1-190828-	0.00129	--	0.00055	--	0.499	--	0.0001 U	--	2.22	--	1740	--	5E-05 U	--
MW-1	8/28/2019	WH1-190828D	0.00125	--	0.000476	--	0.499	--	0.0001 U	--	2.19	--	1750	--	5E-05 U	--
MW-1	11/22/2019	WH1-191122-	7.15E-05	--	0.00125	--	0.01 U	--	0.0001 U	--	2.06	--	207	--	5E-05 U	--
MW-1	3/2/2020	WH1-200302-	0.0019	--	0.000566	--	1.06	--	0.0001 U	--	2.24	--	1620	--	5E-05 U	--
MW-1	5/21/2020	WH1-200521-	0.00189	--	0.000481	--	1.09	--	0.0001 U	--	1.89	--	1790	--	5E-05 U	--
MW-1	8/17/2020	WH1-200817-	0.00197	--	0.000487	--	1.03	--	0.0001 U	--	1.88	--	1530	--	5E-05 U	--
MW-1	11/12/2020	WH1-201112-	8.51E-05	--	0.00152	--	0.02	--	0.0001 U	--	2.15	--	187	--	5E-05 U	--
MW-1	2/12/2021	WH1-210212-	0.000524	--	0.000666	--	0.123	--	0.0001 U	--	2.4	--	930	--	5E-05 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-1	5/5/2021	WH1-210505-	0.00135	--	0.000519	--	0.542	--	0.0001 U	--	1.99	--	1510	--	5E-05 U	--
MW-1	5/5/2021	WH1-210505D	0.00131	--	0.000529	--	0.531	--	0.0001 U	--	2.01	--	1510	--	5E-05 U	--
MW-1	8/4/2021	WH1-210804-	0.00109	--	0.000486	--	0.357	--	0.0001 U	--	1.87	--	1470	--	5E-05 U	--
MW-1	12/1/2021	WH1-211201-	5E-05 U	--	0.00135	--	0.0143	--	0.0001 U	--	1.85	--	136	--	5E-05 U	--
MW-1	2/16/2022	WH1-220216-	0.000773	--	0.000456	--	0.236	--	0.0001 U	--	2.43	--	1130	--	5E-05 DU	--
MW-1	6/14/2022	WH1-220614-	0.000583	--	0.00102	--	0.221	--	0.0001 U	--	2.14	--	722	--	5E-05 DU	--
MW-1	8/9/2022	WH1-220809-	0.00173	--	0.000558	--	0.733	--	0.0001 U	--	1.57	--	1760	--	5E-05 U	--
MW-1	12/12/2022	WH1-221212-	5E-05 U	--	0.00127	--	0.01 U	--	0.0001 U	--	2.29	--	9.18	--	5E-05 U	--
MW-1	2/23/2023	WH1-230223-	5E-05 U	--	0.00131	--	0.01 U	--	0.0001 U	--	1.57	--	10.5	--	5E-05 U	--
MW-1	5/22/2023	WH1-230522-	0.000168	0.000292	0.000488	0.000705	0.135	0.885	0.0001 U	0.0001 U	2.17	2.34	914	949	5E-05 U	--
MW-1	8/30/2023	WH1-230830-	0.000183	0.000276	0.000436	0.00055	0.0243	0.349	0.0001 U	0.0001 U	2.48	--	1090	1110	5E-05 U	5E-05 DU
MW-4	3/1/2013	WH4-130301-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.774	--	1 DU	--	0.0001 U	--
MW-4	5/23/2013	WH4-130523-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	0.756	--	1 DU	--	0.0001 U	--
MW-4	8/22/2013	WH4-130822-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.24	--	1 DU	--	0.0001 U	--
MW-4	11/21/2013	WH4-131121-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.992	--	1 U	--	0.0001 U	--
MW-4	2/25/2014	WH4-140225-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.862	--	1 U	--	0.0001 U	--
MW-4	5/27/2014	WH4-140527-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.725	--	1 DU	--	0.0001 U	--
MW-4	8/15/2014	WH4-140815-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.22	--	1 U	--	0.0001 U	--
MW-4	12/2/2014	WH4-141202-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.806	--	1 DU	--	0.0001 U	--
MW-4	2/24/2015	WH4-150224-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.786	--	1 U	--	0.0001 U	--
MW-4	6/3/2015	WH4-150603-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.872	--	1 U	--	0.0001 U	--
MW-4	8/11/2015	WH4-150811-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.17	--	1 U	--	0.0001 U	--
MW-4	11/24/2015	WH4-151124-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.748	--	1 U	--	0.0001 U	--
MW-4	2/12/2016	WH4-160212-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.792	--	1 U	--	0.0001 U	--
MW-4	2/12/2016	WH4-160212D	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.786	--	1 U	--	0.0001 U	--
MW-4	5/23/2016	WH4-160523-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.93	--	1 U	--	0.0001 U	--
MW-4	8/24/2016	WH4-160824-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.28	--	1.14	--	0.0001 U	--
MW-4	12/12/2016	WH4-161212-	0.003 U	--	0.002 U	--	0.011 T	--	0.001 U	--	0.758	--	1 U	--	0.0001 U	--
MW-4	2/21/2017	WH4-170221-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	0.801	--	1 DU	--	0.0001 U	--
MW-4	6/8/2017	WH4-170608-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.845	--	0.224	--	5E-05 U	--
MW-4	8/25/2017	WH4-170825-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.2	--	0.451	--	5E-05 U	--
MW-4	12/1/2017	WH4-171201-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.788	--	0.295	--	5E-05 U	--
MW-4	3/1/2018	WH4-180301-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.791	--	0.271	--	5E-05 U	--
MW-4	5/29/2018	WH4-180529-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.838	--	0.319	--	5E-05 U	--
MW-4	8/27/2018	WH4-180827-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.17	--	0.36	--	5E-05 U	--
MW-4	12/5/2018	WH4-181205-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.901	--	0.309	--	5E-05 U	--
MW-4	3/8/2019	WH4-190308-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.886	--	0.486	--	5E-05 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-4	5/30/2019	WH4-190530-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.936	--	0.46	--	5E-05 U	--
MW-4	8/28/2019	WH4-190828-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.21	--	0.444	--	5E-05 U	--
MW-4	11/22/2019	WH4-191122-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.19	--	0.431	--	5E-05 U	--
MW-4	3/4/2020	WH4-200304-	5E-05 U	--	0.000213	--	0.01 U	--	0.0001 U	--	0.773	--	0.281	--	5E-05 U	--
MW-4	5/21/2020	WH4-200521-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.865	--	0.263	--	5E-05 U	--
MW-4	5/21/2020	WH4-200521D	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.85	--	0.255	--	5E-05 U	--
MW-4	8/17/2020	WH4-200817-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.34	--	0.426	--	5E-05 U	--
MW-4	11/9/2020	WH4-201109-	5E-05 U	--	0.000295	--	0.01 U	--	0.0001 U	--	1.42	--	0.624	--	5E-05 U	--
MW-4	2/8/2021	WH4-210208-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.83	--	0.31	--	5E-05 U	--
MW-4	5/5/2021	WH4-210505-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.864	--	0.244	--	5E-05 U	--
MW-4	8/2/2021	WH4-210802-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.886	--	0.289	--	5E-05 U	--
MW-4	11/30/2021	WH4-211130-	5E-05 U	--	0.000225	--	0.01 U	--	0.0001 U	--	0.838	--	0.346	--	5E-05 U	--
MW-4	2/16/2022	WH4-220216-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.888	--	0.27	--	5E-05 DU	--
MW-4	6/14/2022	WH4-220614-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.884	--	0.308	--	5E-05 DU	--
MW-4	8/12/2022	WH4-220812-	5E-05 U	--	0.000206	--	0.01 U	--	0.0001 U	--	0.933	--	0.336	--	5E-05 U	--
MW-4	12/12/2022	WH4-221212-	5E-05 U	--	0.000405	--	0.0114	--	0.0001 U	--	0.906	--	0.389	--	5E-05 U	--
MW-4	2/22/2023	WH4-230222-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.951	--	0.289	--	5E-05 DU	--
MW-4	5/22/2023	WH4-230522-	5E-05 U	0.000109	0.0002 U	0.000223	0.01 U	0.119	0.0001 U	0.0001 U	1.01	1.1	0.256	4.35	5E-05 U	--
MW-4	8/30/2023	WH4-230830-	5E-05 U	6.86E-05	0.0002 U	0.0002 U	0.01 U	0.0631	0.0001 U	0.0001 U	0.991	--	0.367	2.95	5E-05 U	5E-05 DU
MW-6	2/27/2013	WH6-130227-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.88	--	1.6 D	--	0.0001 U	--
MW-6	5/23/2013	WH6-130523-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	4.35	--	1 DU	--	0.0001 U	--
MW-6	5/23/2013	WH6-130523D	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	4.38	--	1 DU	--	0.0001 U	--
MW-6	8/27/2013	WH6-130827-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.97	--	1 DU	--	0.0001 U	--
MW-6	11/25/2013	WH6-131125-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 U	--	3.87	--	1 DU	--	0.0001 U	--
MW-6	2/24/2014	WH6-140224-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.02	--	1 U	--	0.0001 U	--
MW-6	5/30/2014	WH6-140530-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.83	--	1 DU	--	0.0001 U	--
MW-6	8/15/2014	WH6-140815-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.36	--	1 U	--	0.0001 U	--
MW-6	12/2/2014	WH6-141202-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.65	--	1 DU	--	0.0001 U	--
MW-6	2/24/2015	WH6-150224-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.58	--	1 U	--	0.0001 U	--
MW-6	6/3/2015	WH6-150603-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.66	--	1 U	--	0.0001 U	--
MW-6	8/13/2015	WH6-150813-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.72	--	1 U	--	0.0001 U	--
MW-6	11/20/2015	WH6-151120-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.55	--	3.26	--	0.0001 U	--
MW-6	2/16/2016	WH6-160216-	0.003 U	--	0.002 U	--	0.017 T	--	0.001 U	--	4.08	--	5.38	--	0.0001 U	--
MW-6	5/25/2016	WH6-160525-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.23	--	1 U	--	0.0001 U	--
MW-6	8/29/2016	WH6-160829-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.86	--	1.68 D	--	0.0001 U	--
MW-6	8/29/2016	WH6-160829D	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.91	--	1.08	--	0.0001 U	--
MW-6	12/12/2016	WH6-161212-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.06	--	1 U	--	0.0001 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-6	2/22/2017	WH6-170222-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	4.14	--	1 DU	--	0.0001 U	--
MW-6	2/22/2017	WH6-170222D	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.5 D	--	1 DU	--	0.0001 U	--
MW-6	6/9/2017	WH6-170609-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.56	--	0.798	--	5E-05 U	--
MW-6	8/28/2017	WH6-170828-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.15	--	0.935	--	5E-05 U	--
MW-6	12/4/2017	WH6-171204-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.07	--	0.494	--	5E-05 U	--
MW-6	12/4/2017	WH6-171204D	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.09	--	0.378	--	5E-05 U	--
MW-6	3/2/2018	WH6-180302-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.37	--	0.161	--	5E-05 U	--
MW-6	3/2/2018	WH6-180302D	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.37	--	0.124	--	5E-05 U	--
MW-6	5/31/2018	WH6-180531-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.52	--	0.292	--	5E-05 U	--
MW-6	8/28/2018	WH6-180828-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.1	--	0.479	--	5E-05 U	--
MW-6	12/5/2018	WH6-181205-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.96	--	1.98	--	5E-05 U	--
MW-6	3/8/2019	WH6-190308-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.13	--	6.75	--	5E-05 U	--
MW-6	5/29/2019	WH6-190529-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.21	--	2.11	--	5E-05 U	--
MW-6	8/28/2019	WH6-190828-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.81	--	1.91	--	5E-05 U	--
MW-6	11/26/2019	WH6-191126-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.02	--	1.4	--	5E-05 DU	--
MW-6	3/4/2020	WH6-200305-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.22	--	0.741	--	5E-05 U	--
MW-6	5/26/2020	WH6-200526-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.16	--	2.19	--	5E-05 U	--
MW-6	8/17/2020	WH6-200817-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.13	--	3.26	--	5E-05 U	--
MW-6	11/10/2020	WH6-201110-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.99	--	3.39	--	5E-05 U	--
MW-6	2/9/2021	WH6-210209-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.33	--	0.387	--	5E-05 U	--
MW-6	5/6/2021	WH6-210506-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.43	--	0.62	--	5E-05 U	--
MW-6	8/3/2021	WH6-210803-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.95	--	0.433	--	5E-05 U	--
MW-6	12/1/2021	WH6-211201-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.08	--	0.368	--	5E-05 U	--
MW-6	2/17/2022	WH6-220217-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.45	--	0.538	--	5E-05 DU	--
MW-6	6/14/2022	WH6-220614-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.39	--	0.667	--	5E-05 DU	--
MW-6	8/12/2022	WH6-220812-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.25	--	0.294	--	5E-05 U	--
MW-6	12/12/2022	WH6-221212-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.92	--	1.51	--	5E-05 U	--
MW-6	2/23/2023	WH6-230223-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.21	--	0.513	--	5E-05 U	--
MW-6	5/22/2023	WH6-230522-	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.0252	0.0001 U	0.0001 U	4.35	4.62	3.42	12.7	5E-05 U	--
MW-6	9/1/2023	WH6-230901-	5E-05 U	5E-05 U	0.0002 U	0.000222	0.01 U	0.0118	0.0001 U	0.0001 U	4.39	--	0.409	7.77	5E-05 U	5E-05 DU
MW-10	2/28/2013	WH10130228-	0.003 U	--	0.002 U	--	3.2	--	0.001 U	--	1.8	--	520 D	--	0.0001 U	--
MW-10	5/21/2013	WH10130521-	0.003 DU	--	0.002 U	--	3.04	--	0.001 DU	--	1.98	--	619 D	--	0.0001 U	--
MW-10	8/20/2013	WH10130820-	0.003 DU	--	0.002 U	--	3.41	--	0.001 U	--	2.25	--	544 D	--	0.0001 U	--
MW-10	11/26/2013	WH10131126-	0.003 DU	--	0.002 U	--	3.44	--	0.001 U	--	2.14	--	611 D	--	0.0001 U	--
MW-10	2/19/2014	WH10140219-	0.003 U	--	0.002 U	--	3.11	--	0.001 U	--	2.02	--	543	--	0.0001 U	--
MW-10	6/2/2014	WH10140602-	0.003 U	--	0.002 U	--	3.32	--	0.001 U	--	1.83	--	558 D	--	0.0001 U	--
MW-10	8/15/2014	WH10140815-	0.003 U	--	0.002 U	--	3.31	--	0.001 U	--	2.11	--	523 D	--	0.0001 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-10	12/3/2014	WH10141203-	0.003 U	--	0.002 U	--	3.85	--	0.001 U	--	2.03	--	630	--	0.0001 U	--
MW-10	2/24/2015	WH10150224-	0.003 U	--	0.002 U	--	3.51	--	0.001 U	--	2.18	--	553	--	0.0001 U	--
MW-10	5/18/2015	WH10150518-	0.003 U	--	0.002 U	--	2.94	--	0.001 DU	--	1.73	--	471	--	0.0001 U	--
MW-10	8/10/2015	WH10150810-	0.003 U	--	0.002 U	--	3.36	--	0.001 U	--	1.98	--	486	--	0.0001 U	--
MW-10	11/20/2015	WH10151120-	0.003 U	--	0.002 U	--	3.1	--	0.001 U	--	1.98	--	490	--	0.0001 U	--
MW-10	2/16/2016	WH10160216-	0.003 U	--	0.002 U	--	2.63	--	0.001 U	--	1.72	--	432	--	0.0001 U	--
MW-10	5/25/2016	WH10160525-	0.003 U	--	0.002 U	--	2.79	--	0.001 U	--	1.84	--	399	--	0.0001 U	--
MW-10	8/24/2016	WH10160824-	0.003 U	--	0.002 U	--	3.31	--	0.001 U	--	1.84	--	458	--	0.0001 U	--
MW-10	12/12/2016	WH10161212-	0.003 U	--	0.002 U	--	3.37	--	0.001 U	--	2.02	--	471	--	0.0001 U	--
MW-10	2/21/2017	WH10170221-	0.003 DU	--	0.002 U	--	3.07	--	0.001 DU	--	2.1	--	489 D	--	0.0001 U	--
MW-10	6/9/2017	WH10170609-	0.00169	--	0.0002 U	--	3.21	--	0.0001 U	--	1.96	--	476	--	5E-05 U	--
MW-10	8/28/2017	WH10170828-	0.00185	--	0.0002 U	--	3.47	--	0.0001 U	--	1.86	--	474	--	5E-05 U	--
MW-10	12/4/2017	WH10171204-	0.00192	--	0.0002 U	--	3.63	--	0.0001 U	--	2.03	--	498	--	5E-05 U	--
MW-10	2/26/2018	WH10180226-	0.00166	--	0.0002 U	--	3.07	--	0.0001 U	--	1.75	--	439	--	5E-05 U	--
MW-10	5/31/2018	WH10180531-	0.00157	--	0.0002 U	--	3.01	--	0.0001 U	--	1.74	--	411	--	5E-05 U	--
MW-10	8/28/2018	WH10180828-	0.00178	--	0.0002 U	--	3.3	--	0.0001 U	--	1.89	--	427	--	5E-05 U	--
MW-10	12/7/2018	WH10181207-	0.00191	--	0.0002 U	--	3.65	--	0.0001 U	--	1.93	--	481	--	5E-05 U	--
MW-10	3/8/2019	WH10190308-	0.00155	--	0.0002 U	--	3.1	--	0.0001 U	--	1.81	--	414	--	5E-05 U	--
MW-10	5/30/2019	WH10190530-	0.00156	--	0.0002 U	--	2.98	--	0.0001 U	--	1.64	--	390	--	5E-05 U	--
MW-10	8/28/2019	WH10190828-	0.00198	--	0.0002 U	--	3.65	--	0.0001 U	--	2.02	--	456	--	5E-05 U	--
MW-10	11/22/2019	WH10191122-	0.00211	--	0.0002 U	--	4.05	--	0.0001 U	--	2.27	--	500	--	5E-05 U	--
MW-10	3/4/2020	WH10200305-	0.00171	--	0.0002 U	--	3.2	--	0.0001 U	--	1.81	--	428	--	5E-05 U	--
MW-10	5/26/2020	WH10200526-	0.0016	--	0.0002 U	--	3.14	--	0.0001 U	--	1.73	--	409	--	5E-05 U	--
MW-10	8/18/2020	WH10200818-	0.00185	--	0.0002 U	--	3.5	--	0.0001 U	--	2	--	442	--	5E-05 U	--
MW-10	11/12/2020	WH10201112-	0.00214	--	0.0002 U	--	3.89	--	0.0001 U	--	2.17	--	462	--	5E-05 U	--
MW-10	2/11/2021	WH10210211-	0.00184	--	0.0002 U	--	3.59	--	0.0001 U	--	2.03	--	473	--	5E-05 U	--
MW-10	2/11/2021	WH10210211D	0.00184	--	0.0002 U	--	3.64	--	0.0001 U	--	2.02	--	472	--	5E-05 U	--
MW-10	5/7/2021	WH10210507-	0.00146	--	0.0002 U	--	2.7	--	0.0001 U	--	1.69	--	351	--	5E-05 U	--
MW-10	8/3/2021	WH10210803-	0.00171	--	0.0002 U	--	3.08	--	0.0001 U	--	1.75	--	379	--	5E-05 U	--
MW-10	12/1/2021	WH10211201-	0.00204	--	0.0002 U	--	3.71	--	0.0001 U	--	2.01	--	442	--	5E-05 U	--
MW-10	2/17/2022	WH10220217-	0.00154	--	0.0002 U	--	2.9	--	0.0001 U	--	1.73	--	385	--	5E-05 DU	--
MW-10	6/15/2022	WH10220615-	0.00156	--	0.0002 U	--	3.06	--	0.0001 U	--	1.72	--	378	--	5E-05 DU	--
MW-10	8/11/2022	WH10220811-	0.00182	--	0.0002 U	--	3.37	--	0.0001 U	--	1.97	--	401	--	5E-05 U	--
MW-10	12/12/2022	WH10221212-	0.0019	--	0.0002 U	--	3.72	--	0.0001 U	--	2.02	--	408	--	5E-05 U	--
MW-10	2/22/2023	WH10230222-	0.00163	--	0.0002 U	--	2.82	--	0.0001 U	--	1.56	--	326	--	5E-05 DU	--
MW-10	5/23/2023	WH10230523-	0.00129	0.00132	0.0002 U	0.000503	2.26	2.43	0.0001 U	0.0001 U	1.45	1.47	269	277	5E-05 U	--
MW-10	8/31/2023	WH10230831-	0.0019	0.00194	0.0002 U	0.0002 U	3.36	3.49	0.0001 U	0.0001 U	2.13	--	365	366	5E-05 U	5E-05 DU

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-11	2/27/2013	WH11130227-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.46 D	--	1 DU	--	0.0001 U	--
MW-11	5/21/2013	WH11130521-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	1.61	--	1 DU	--	0.0001 U	--
MW-11	8/22/2013	WH11130822-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	2.46	--	1 DU	--	0.0001 U	--
MW-11	11/25/2013	WH11131125-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 U	--	1.54	--	1 DU	--	0.0001 U	--
MW-11	2/28/2014	WH11140228-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.998	--	1 U	--	0.0001 U	--
MW-11	5/12/2014	WH11140512-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.05	--	1 U	--	0.0001 U	--
MW-11	8/15/2014	WH11140815-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	2.02	--	1 U	--	0.0001 U	--
MW-11	12/2/2014	WH11141202-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.42	--	1 DU	--	0.0001 U	--
MW-11	2/24/2015	WH11150224-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.23	--	1 U	--	0.0001 U	--
MW-11	5/18/2015	WH11150518-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 DU	--	1.29	--	1 U	--	0.0001 U	--
MW-11	8/13/2015	WH11150813-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	2.46	--	1 U	--	0.0001 U	--
MW-11	11/12/2015	WH11151112-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.79 D	--	1 DU	--	0.0001 U	--
MW-11	2/16/2016	WH11160216-	0.003 U	--	0.002 U	--	0.033 T	--	0.001 U	--	1.14	--	1 U	--	0.0001 U	--
MW-11	5/25/2016	WH11160525-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.75	--	1 U	--	0.0001 U	--
MW-11	8/24/2016	WH11160824-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	2.85	--	1 U	--	0.0001 U	--
MW-11	12/12/2016	WH11161212-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.23	--	1 U	--	0.0001 U	--
MW-11	2/24/2017	WH11170224-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.09 D	--	1 DU	--	0.0001 U	--
MW-11	6/7/2017	WH11170607-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	2.23	--	0.105	--	5E-05 U	--
MW-11	8/24/2017	WH11170824-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	2.34	--	0.1 U	--	5E-05 U	--
MW-11	12/1/2017	WH11171201-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.35	--	0.246	--	5E-05 U	--
MW-11	3/1/2018	WH11180301-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.13	--	0.365	--	5E-05 U	--
MW-11	5/29/2018	WH11180529-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.28	--	0.225	--	5E-05 U	--
MW-11	8/27/2018	WH11180827-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	2.64	--	0.167	--	5E-05 U	--
MW-11	12/5/2018	WH11181205-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.67	--	0.335	--	5E-05 U	--
MW-11	3/11/2019	WH11190311-	5E-05 U	--	0.000287	--	0.01 U	--	0.0001 U	--	1.63	--	0.151	--	5E-05 U	--
MW-11	5/30/2019	WH11190530-	5E-05 U	--	0.000271	--	0.01 U	--	0.0001 U	--	1.42	--	0.227	--	5E-05 U	--
MW-11	8/28/2019	WH11190828-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	2.89	--	0.117	--	5E-05 U	--
MW-11	11/22/2019	WH11191122-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	2.28	--	0.404	--	5E-05 U	--
MW-11	3/4/2020	WH11200304-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.15	--	0.442	--	5E-05 U	--
MW-11	5/26/2020	WH11200526-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.39	--	0.287	--	5E-05 U	--
MW-11	8/18/2020	WH11200818-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	2.42	--	0.14	--	5E-05 U	--
MW-11	11/10/2020	WH11201110-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.89	--	0.26	--	5E-05 U	--
MW-11	2/11/2021	WH11210211-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.18	--	0.378	--	5E-05 U	--
MW-11	5/5/2021	WH11210505-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.36	--	0.268	--	5E-05 U	--
MW-11	8/3/2021	WH11210803-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	2.61	--	0.1 U	--	5E-05 U	--
MW-11	11/30/2021	WH11211130-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.41	--	0.422	--	5E-05 U	--
MW-11	2/17/2022	WH11220217-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.7	--	0.3	--	5E-05 DU	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-11	6/15/2022	WH11220615-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.44	--	0.139	--	5E-05 DU	--
MW-11	8/11/2022	WH11220811-	5E-05 U	--	0.000605	--	0.01 U	--	0.0001 U	--	1.78	--	0.173	--	5E-05 U	--
MW-11	12/12/2022	WH11221212-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.56	--	0.183	--	5E-05 U	--
MW-11	2/22/2023	WH11230222-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.72	--	0.147	--	5E-05 DU	--
MW-11	2/22/2023	WH11230222D	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.69	--	0.13	--	5E-05 DU	--
MW-11	5/22/2023	WH11230522-	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	1.6	1.76	0.114	0.402	5E-05 U	--
MW-11	8/31/2023	WH11230831-	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	3.04	--	0.1 U	0.664	5E-05 U	5E-05 DU
MW-18	2/26/2013	WH18130226-	0.003 U	--	0.002 U	--	0.038 T	--	0.001 U	--	0.902	--	397 D	--	0.0001 U	--
MW-18	5/15/2013	WH18130515-	0.003 U	--	0.002 U	--	0.029 T	--	0.001 U	--	0.903	--	307	--	0.0001 U	--
MW-18	11/15/2013	WH18131115-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.03	--	182	--	0.0001 U	--
MW-18	2/24/2014	WH18140224-	0.003 U	--	0.002 U	--	0.027 T	--	0.001 U	--	0.99	--	330	--	0.0001 U	--
MW-18	6/2/2014	WH18140602-	0.003 U	--	0.002 U	--	0.024 T	--	0.001 U	--	0.863	--	298 D	--	0.0001 U	--
MW-18	8/21/2014	WH18140821-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.08	--	205	--	0.0001 U	--
MW-18	8/21/2014	WH18140821D	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 U	--	0.946	--	196	--	0.0001 U	--
MW-18	12/3/2014	WH18141203-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.946	--	191	--	0.0001 U	--
MW-18	2/24/2015	WH18150224-	0.003 U	--	0.002 U	--	0.014 T	--	0.001 U	--	1.03	--	258	--	0.0001 U	--
MW-18	5/22/2015	WH18150522-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.952	--	157	--	0.0001 U	--
MW-18	12/2/2015	WH18151202-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.05	--	95	--	0.0001 U	--
MW-18	2/12/2016	WH18160212-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.925	--	208	--	0.0001 U	--
MW-18	5/23/2016	WH18160523-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.911	--	93.9	--	0.0001 U	--
MW-18	12/15/2016	WH18161215-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.879	--	74.8	--	0.0001 U	--
MW-18	2/24/2017	WH18170224-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	1.03 D	--	142 D	--	0.0001 U	--
MW-18	6/16/2017	WH18170616-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.828	--	35.7	--	5E-05 U	--
MW-18	8/25/2017	WH18170825-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.925	--	22.8	--	5E-05 U	--
MW-18	12/1/2017	WH18171201-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.939	--	10.4	--	5E-05 U	--
MW-18	3/1/2018	WH18180301-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.958	--	61	--	5E-05 U	--
MW-18	5/31/2018	WH18180531-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.898	--	21.5	--	5E-05 U	--
MW-18	12/7/2018	WH18181207-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.994	--	0.578	--	5E-05 U	--
MW-18	3/11/2019	WH18190311-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1	--	20	--	5E-05 U	--
MW-18	5/30/2019	WH18190530-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.873	--	7.35	--	5E-05 U	--
MW-18	3/6/2020	WH18200306-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.914	--	12.3	--	5E-05 U	--
MW-18	5/26/2020	WH18200526-	5E-05 U	--	0.000633	--	0.01 U	--	0.0001 U	--	0.895	--	4.38	--	5E-05 U	--
MW-18	2/10/2021	WH18210210-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.05	--	1.64	--	5E-05 U	--
MW-18	5/6/2021	WH18210506-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.03	--	0.581	--	5E-05 U	--
MW-18	11/30/2021	WH18211130-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.1	--	0.322	--	5E-05 U	--
MW-18	2/17/2022	WH18220217-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.04	--	0.761	--	5E-05 DU	--
MW-18	6/15/2022	WH18220615-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.903	--	2.72	--	5E-05 DU	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-18	8/12/2022	WH18220812-	5E-05 U	--	0.0002 U	--	0.0311	--	0.0001 U	--	0.945	--	0.767	--	5E-05 U	--
MW-18	12/13/2022	WH18221213-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.07	--	0.383	--	5E-05 U	--
MW-18	2/22/2023	WH18230222-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.01	--	0.853	--	5E-05 DU	--
MW-18	5/22/2023	WH18230522-	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	0.963	1.06	0.93	2.06	5E-05 U	--
MW-26	12/24/2019	WH26191224-	5E-05 U	--	0.000204	--	0.01 U	--	0.0001 U	--	0.916	--	2.37	--	5E-05 U	--
MW-26	3/5/2020	WH26200305-	5E-05 U	--	0.000317	--	0.01 U	--	0.0001 U	--	0.913	--	1.58	--	5E-05 U	--
MW-26	5/26/2020	WH26200526-	5E-05 U	--	0.000299	--	0.01 U	--	0.0001 U	--	1.09	--	1.89	--	5E-05 U	--
MW-26	8/18/2020	WH26200818-	5E-05 U	--	0.000247	--	0.01 U	--	0.0001 U	--	1.11	--	1.63	--	5E-05 U	--
MW-26	11/9/2020	WH26201109-	5E-05 U	--	0.000225	--	0.01 U	--	0.0001 U	--	1.26	--	2.42	--	5E-05 U	--
MW-26	2/9/2021	WH26210209-	5E-05 U	--	0.000391	--	0.01 U	--	0.0001 U	--	0.889	--	1.59	--	5E-05 U	--
MW-26	5/5/2021	WH26210505-	5E-05 U	--	0.000206	--	0.01 U	--	0.0001 U	--	1.11	--	2.08	--	5E-05 U	--
MW-26	8/2/2021	WH26210802-	5E-05 U	--	0.000232	--	0.01 U	--	0.0001 U	--	1.21	--	1.67	--	5E-05 U	--
MW-26	11/30/2021	WH26211130-	5E-05 U	--	0.000298	--	0.0134	--	0.0001 U	--	0.756	--	1.45	--	5E-05 U	--
MW-26	11/30/2021	WH26211130D	5E-05 U	--	0.000333	--	0.01 U	--	0.0001 U	--	0.747	--	1.42	--	5E-05 U	--
MW-26	2/17/2022	WH26220217-	5E-05 U	--	0.000285	--	0.01 U	--	0.0001 U	--	1.02	--	1.07	--	5E-05 DU	--
MW-26	6/14/2022	WH26220614-	5E-05 U	--	0.000517	--	0.01 U	--	0.0001 U	--	1.01	--	1.38	--	5E-05 DU	--
MW-26	8/12/2022	WH26220812-	5.1E-05	--	0.000258	--	0.0109	--	0.0001 U	--	1.11	--	1.31	--	5E-05 U	--
MW-26	8/12/2022	WH26220812D	5E-05 U	--	0.000253	--	0.016	--	0.0001 U	--	1.1	--	1.3	--	5E-05 U	--
MW-26	12/13/2022	WH26221213-	5E-05 U	--	0.000356	--	0.01 U	--	0.0001 U	--	1.31	--	1.86	--	5E-05 U	--
MW-26	2/22/2023	WH26230222-	5.07E-05	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.18	--	1.29	--	5E-05 DU	--
MW-26	5/22/2023	WH26230522-	5E-05 U	6.15E-05	0.0002 U	0.000273	0.01 U	0.0302	0.0001 U	0.0001 U	1.17	1.31	1.22	1.68	5E-05 U	--
MW-26	8/31/2023	WH26230831-	5E-05 U	5.02E-05	0.0002 U	0.000232	0.01 U	0.0187	0.0001 U	0.0001 U	1.32	--	1.38	1.81	5E-05 U	5E-05 DU
Deep Aquifer																
MW-3	3/1/2013	WH3-130301-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.63	--	56.6 D	--	0.0001 U	--
MW-3	5/22/2013	WH3-130522-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	4.92	--	58.8 D	--	0.0001 U	--
MW-3	8/27/2013	WH3-130827-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.58	--	54.5 D	--	0.0001 U	--
MW-3	11/20/2013	WH3-131120-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.73	--	52.3	--	0.0001 U	--
MW-3	2/24/2014	WH3-140224-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.54	--	45	--	0.0001 U	--
MW-3	2/24/2014	WH3-140224D	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.62	--	45.9	--	0.0001 U	--
MW-3	5/28/2014	WH3-140528-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.48	--	49.1 D	--	0.0001 U	--
MW-3	8/19/2014	WH3-140819-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	5.15	--	48.1	--	0.0001 U	--
MW-3	11/25/2014	WH3-141125-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.8	--	49.3	--	0.0001 U	--
MW-3	2/25/2015	WH3-150225-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.9	--	52	--	0.0001 U	--
MW-3	6/3/2015	WH3-150603-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.38	--	49.3	--	0.0001 U	--
MW-3	8/11/2015	WH3-150811-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.84	--	62.9	--	0.0001 U	--
MW-3	11/20/2015	WH3-151120-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.27	--	49.4	--	0.0001 U	--
MW-3	2/12/2016	WH3-160212-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	5.11	--	60.1	--	0.0001 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-3	5/24/2016	WH3-160524-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	5.37	--	61.1	--	0.0001 U	--
MW-3	8/24/2016	WH3-160824-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	5.36	--	67	--	0.0001 U	--
MW-3	12/9/2016	WH3-161209-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	5.16	--	62.7	--	0.0001 U	--
MW-3	2/21/2017	WH3-170221-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	5	--	65.4 D	--	0.0001 U	--
MW-3	6/7/2017	WH3-170607-	5E-05 U	--	0.0002 U	--	0.018	--	0.0001 U	--	5.42	--	64.3	--	5E-05 U	--
MW-3	8/25/2017	WH3-170825-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.44	--	68.9	--	5E-05 U	--
MW-3	12/1/2017	WH3-171201-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.48	--	66.5	--	5E-05 U	--
MW-3	3/1/2018	WH3-180301-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.25	--	64.1	--	5E-05 U	--
MW-3	5/24/2018	WH3-180524-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.32	--	64.4	--	5E-05 U	--
MW-3	8/27/2018	WH3-180827-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.62	--	68.2	--	5E-05 U	--
MW-3	12/5/2018	WH3-181205-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.16	--	59	--	5E-05 U	--
MW-3	3/8/2019	WH3-190308-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.59	--	68.9	--	5E-05 U	--
MW-3	5/30/2019	WH3-190530-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.44	--	71.4	--	5E-05 U	--
MW-3	9/3/2019	WH3-190903-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.14	--	72.8	--	5E-05 U	--
MW-3	11/22/2019	WH3-191122-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.51	--	62.1	--	5E-05 U	--
MW-3	3/4/2020	WH3-200304-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.56	--	71.6	--	5E-05 U	--
MW-3	5/21/2020	WH3-200521-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.42	--	71	--	5E-05 U	--
MW-3	8/17/2020	WH3-200817-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.66	--	67.8	--	5E-05 U	--
MW-3	11/9/2020	WH3-201109-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.56	--	69.2	--	5E-05 U	--
MW-3	2/8/2021	WH3-210208-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.48	--	67.9	--	5E-05 U	--
MW-3	5/6/2021	WH3-210506-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.68	--	68.4	--	5E-05 U	--
MW-3	8/2/2021	WH3-210802-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.46	--	69.1	--	5E-05 U	--
MW-3	11/30/2021	WH3-211130-	5E-05 U	--	0.0002 U	--	0.01	--	0.0001 U	--	5.52	--	70.4	--	5E-05 U	--
MW-3	2/16/2022	WH3-220216-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.71	--	72	--	5E-05 DU	--
MW-3	6/14/2022	WH3-220614-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.53	--	66.6	--	5E-05 DU	--
MW-3	8/11/2022	WH3-220811-	5E-05 U	--	0.0002 U	--	0.0115	--	0.0001 U	--	5.6	--	69.1	--	5E-05 U	--
MW-3	12/12/2022	WH3-221212-	5E-05 U	--	0.0002 U	--	0.0119	--	0.0001 U	--	5.6	--	68.1	--	5E-05 U	--
MW-3	2/22/2023	WH3-230222-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.9	--	70.9	--	5E-05 DU	--
MW-3	5/22/2023	WH3-230522-	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	5.56	5.71	69.1	66.6	5E-05 U	--
MW-3	8/30/2023	WH3-230830-	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	6.01	--	69.9	70.5	5E-05 U	5E-05 DU
MW-7	2/28/2013	WH7-130228-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	11.4	--	1 DU	--	0.0001 U	--
MW-7	5/16/2013	WH7-130516-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	11.7	--	1 U	--	0.0001 U	--
MW-7	8/20/2013	WH7-130820-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	13.2	--	1 DU	--	0.0001 U	--
MW-7	11/19/2013	WH7-131119-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	11.9	--	1 U	--	0.0001 U	--
MW-7	2/20/2014	WH7-140220-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	11.7	--	1 U	--	0.0001 U	--
MW-7	5/22/2014	WH7-140522-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	10.7	--	1 U	--	0.0001 U	--
MW-7	8/15/2014	WH7-140815-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	12.4	--	1 U	--	0.0001 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-7	12/2/2014	WH7-141202-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	10.6	--	1 DU	--	0.0001 U	--
MW-7	2/26/2015	WH7-150226-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	11.2	--	1 U	--	0.0001 U	--
MW-7	5/22/2015	WH7-150522-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	11.7	--	1 U	--	0.0001 U	--
MW-7	8/10/2015	WH7-150810-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	11	--	1 U	--	0.0001 U	--
MW-7	11/10/2015	WH7-151110-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	12.9 D	--	1 DU	--	0.0001 U	--
MW-7	2/16/2016	WH7-160216-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	10.8	--	1 U	--	0.0001 U	--
MW-7	5/24/2016	WH7-160524-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	11.8	--	1 U	--	0.0001 U	--
MW-7	8/23/2016	WH7-160823-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	10.8	--	1 U	--	0.0001 U	--
MW-7	12/12/2016	WH7-161212-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	11.3	--	1 U	--	0.0001 U	--
MW-7	2/21/2017	WH7-170221-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	11	--	1 DU	--	0.0001 U	--
MW-7	6/14/2017	WH7-170614-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.6	--	0.1 U	--	5E-05 U	--
MW-7	8/24/2017	WH7-170824-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	12.1	--	0.1 U	--	5E-05 U	--
MW-7	12/1/2017	WH7-171201-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.5	--	0.1 U	--	5E-05 U	--
MW-7	3/1/2018	WH7-180301-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.1	--	0.1 U	--	5E-05 U	--
MW-7	5/29/2018	WH7-180529-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.9	--	0.1 U	--	5E-05 U	--
MW-7	8/22/2018	WH7-180822-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	12.1	--	0.1 U	--	5E-05 U	--
MW-7	8/22/2018	WH7-180822D	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	12.1	--	0.1 U	--	5E-05 U	--
MW-7	11/30/2018	WH7-181130-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.1	--	0.1 U	--	5E-05 U	--
MW-7	3/8/2019	WH7-190308-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.8	--	0.174	--	5E-05 U	--
MW-7	3/8/2019	WH7-190308D	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.5	--	0.135	--	5E-05 U	--
MW-7	5/29/2019	WH7-190529-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.5	--	0.104	--	5E-05 U	--
MW-7	9/3/2019	WH7-190903-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.3	--	0.1 U	--	5E-05 U	--
MW-7	11/22/2019	WH7-191122-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.2	--	0.1 U	--	5E-05 U	--
MW-7	3/2/2020	WH7-200302-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	10.8	--	0.117	--	5E-05 U	--
MW-7	5/21/2020	WH7-200521-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.1	--	0.188	--	5E-05 U	--
MW-7	8/17/2020	WH7-200817-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.3	--	0.1 U	--	5E-05 U	--
MW-7	11/12/2020	WH7-201112-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.1	--	0.1 U	--	5E-05 U	--
MW-7	2/12/2021	WH7-210212-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	10.8	--	0.1 U	--	5E-05 U	--
MW-7	5/5/2021	WH7-210505-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	10.9	--	0.1 U	--	5E-05 U	--
MW-7	8/4/2021	WH7-210804-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.3	--	0.145	--	5E-05 U	--
MW-7	12/1/2021	WH7-211201-	5E-05 U	--	0.0002 U	--	0.0281	--	0.0001 U	--	11.2	--	0.272	--	5E-05 U	--
MW-7	2/16/2022	WH7-220216-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	11.1	--	0.1 U	--	5E-05 DU	--
MW-7	6/14/2022	WH7-220614-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	10.7	--	0.119	--	5E-05 DU	--
MW-7	8/9/2022	WH7-220809-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	10.9	--	0.197	--	5E-05 U	--
MW-7	12/12/2022	WH7-221212-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	10.3	--	0.1 U	--	5E-05 U	--
MW-7	2/23/2023	WH7-230223-	5E-05 U	--	0.000215	--	0.01 U	--	0.0001 U	--	10.6	--	0.1 U	--	5E-05 U	--
MW-7	5/22/2023	WH7-230522-	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	10.7	11.7	0.1 U	0.263	5E-05 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-7	8/30/2023	WH7-230830-	5E-05 U	5E-05 U	0.0002 U	0.000232	0.01 U	0.015	0.0001 U	0.0001 U	10.9	--	0.218	0.943	5E-05 U	5E-05 DU
MW-25	2/25/2013	WH25130225-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.03 D	--	1 DU	--	0.0001 U	--
MW-25	5/28/2013	WH25130528-	0.003 DU	--	0.002 U	--	0.01 U	--	0.001 DU	--	3.69	--	1 DU	--	0.0001 U	--
MW-25	8/19/2013	WH25130819-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.86	--	1 U	--	0.0001 U	--
MW-25	11/21/2013	WH25131121-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.54	--	1 U	--	0.0001 U	--
MW-25	2/25/2014	WH25140225-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.39	--	1 U	--	0.0001 U	--
MW-25	6/4/2014	WH25140604-	0.003 DU	--	0.002 U	--	0.01 DU	--	0.001 U	--	3.11 D	--	1 DU	--	0.0001 U	--
MW-25	8/15/2014	WH25140815-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.82	--	1 U	--	0.0001 U	--
MW-25	12/2/2014	WH25141202-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.29	--	1 DU	--	0.0001 U	--
MW-25	2/24/2015	WH25150224-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.83	--	1 U	--	0.0001 U	--
MW-25	5/22/2015	WH25150522-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.65	--	1 U	--	0.0001 U	--
MW-25	5/22/2015	WH25150522D	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.59	--	1 U	--	0.0001 U	--
MW-25	8/10/2015	WH25150810-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.48	--	1 U	--	0.0001 U	--
MW-25	11/12/2015	WH25151112-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.25 D	--	1 DU	--	0.0001 U	--
MW-25	2/12/2016	WH25160212-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.69	--	1 U	--	0.0001 U	--
MW-25	5/25/2016	WH25160525-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.85	--	1 U	--	0.0001 U	--
MW-25	8/29/2016	WH25160829-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.81	--	1 U	--	0.0001 U	--
MW-25	12/15/2016	WH25161215-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.75	--	1 U	--	0.0001 U	--
MW-25	12/15/2016	WH25161215D	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	3.88	--	1 U	--	0.0001 U	--
MW-25	2/22/2017	WH25170222-	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	4.02 D	--	1 DU	--	0.0001 U	--
MW-25	6/7/2017	WH25170607-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.98	--	0.1 U	--	5E-05 U	--
MW-25	8/24/2017	WH25170824-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.96	--	0.1 U	--	5E-05 U	--
MW-25	12/1/2017	WH25171201-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.97	--	0.1 U	--	5E-05 U	--
MW-25	3/1/2018	WH25180301-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.9	--	0.1 U	--	5E-05 U	--
MW-25	5/31/2018	WH25180531-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.39	--	0.1 U	--	5E-05 U	--
MW-25	8/27/2018	WH25180827-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.12	--	0.1 U	--	5E-05 U	--
MW-25	12/7/2018	WH25181207-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.12	--	0.1 U	--	5E-05 U	--
MW-25	3/11/2019	WH25190311-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.18	--	0.1 U	--	5E-05 U	--
MW-25	5/30/2019	WH25190530-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.97	--	0.1 U	--	5E-05 U	--
MW-25	9/3/2019	WH25190903-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.8	--	0.1 U	--	5E-05 U	--
MW-25	11/26/2019	WH25191126-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.19	--	0.1 U	--	5E-05 DU	--
MW-25	11/26/2019	WH25191126D	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.08	--	0.1 U	--	5E-05 DU	--
MW-25	3/5/2020	WH25200305-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.08	--	0.1 U	--	5E-05 U	--
MW-25	5/26/2020	WH25200526-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.14	--	0.1 U	--	5E-05 U	--
MW-25	8/18/2020	WH25200818-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.16	--	0.113	--	5E-05 U	--
MW-25	11/9/2020	WH25201109-	5E-05 U	--	0.00346	--	0.01 U	--	0.0001 U	--	4.15	--	0.1 U	--	5E-05 U	--
MW-25	2/16/2021	WH25210216-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.26	--	0.1 U	--	5E-05 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Iron, Dissolved	Iron, Total	Lead, Dissolved	Lead, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Mercury, Dissolved	Mercury, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(ug/L)	(ug/L)	(mg/L)	(mg/L)
MW-25	5/5/2021	WH25210505-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.22	--	0.1 U	--	5E-05 U	--
MW-25	8/3/2021	WH25210803-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.2	--	0.1 U	--	5E-05 U	--
MW-25	12/1/2021	WH25211201-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.28	--	0.1 U	--	5E-05 U	--
MW-25	2/16/2022	WH25220216-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.36	--	0.1 U	--	5E-05 DU	--
MW-25	6/15/2022	WH25220615-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.18	--	0.111	--	5E-05 DU	--
MW-25	8/11/2022	WH25220811-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.27	--	0.1 U	--	5E-05 U	--
MW-25	12/12/2022	WH25221212-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.21	--	0.11	--	5E-05 U	--
MW-25	12/12/2022	WH25221212D	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.24	--	0.1 U	--	5E-05 U	--
MW-25	2/22/2023	WH25230222-	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.89	--	0.1 U	--	5E-05 DU	--
MW-25	5/22/2023	WH25230522-	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	4.21	4.61	0.1 U	0.1 U	5E-05 U	--
MW-25	5/22/2023	WH25230522D	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	4.26	4.59	0.1 U	0.107	5E-05 U	--
MW-25	8/31/2023	WH25230831-	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	4.53	--	0.1 U	0.281	5E-05 U	5E-05 DU
Field Blanks																
FIELD BLANK	11/21/2013	WH25131121F	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.015 U	--	1 U	--	0.0001 U	--
FIELD BLANK	2/20/2014	WH7-140220F	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.015 U	--	1 U	--	0.0001 U	--
FIELD BLANK	5/28/2014	WH3-140528F	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.015 U	--	1 DU	--	0.0001 U	--
FIELD BLANK	12/2/2014	WH4-141202F	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.015 U	--	1 DU	--	0.0001 U	--
FIELD BLANK	8/13/2015	WH11150813F	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.015 U	--	1 U	--	0.0001 U	--
FIELD BLANK	5/23/2016	WH4-160523F	0.003 U	--	0.002 U	--	0.01 U	--	0.001 U	--	0.015 U	--	1 U	--	0.0001 U	--
FIELD BLANK	6/14/2017	WH7-170614F	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.05 U	--	0.1 U	--	5E-05 U	--
FIELD BLANK	8/28/2017	WH10170828F	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.05 U	--	0.1 U	--	5E-05 U	--
FIELD BLANK	5/31/2018	WH18180531F	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.05 U	--	0.1 U	--	5E-05 U	--
FIELD BLANK	11/30/2018	WH7-181130F	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.05 U	--	0.1 U	--	5E-05 U	--
FIELD BLANK	3/2/2020	WH7-200302F	5E-05 U	--	0.000513	--	0.0102	--	0.0001 U	--	0.05 U	--	0.17	--	5E-05 U	--
FIELD BLANK	8/17/2020	WH3-200817F	5E-05 U	--	0.000324	--	0.01 U	--	0.0001 U	--	0.05 U	--	0.1 U	--	5E-05 U	--
FIELD BLANK	11/12/2020	WH7-201112F	5E-05 U	--	0.000215	--	0.01 U	--	0.0001 U	--	0.05 U	--	0.1 U	--	5E-05 U	--
FIELD BLANK	8/3/2021	WH11210803F	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.05 U	--	0.1 U	--	5E-05 U	--
FIELD BLANK	2/16/2022	WH7-220216F	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.05 U	--	0.1 U	--	5E-05 DU	--
FIELD BLANK	6/14/2022	WH26220614F	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.05 U	--	0.1 U	--	5E-05 DU	--
FIELD BLANK	9/1/2023	WH6-230901F	5E-05 U	5E-05 U	0.0002 U	0.0002 U	0.01 U	0.01 U	0.0001 U	0.0001 U	0.05 U	--	0.1 U	0.1 U	5E-05 U	5E-05 DU

Notes:

-- = parameter was not sampled for

See Appendix A for qualifier definitions.

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Shallow Aquifer																		
MW-1	2/28/2013	WH1-130228-	0.01 U	--	1.3	--	0.001 U	--	0.003 U	--	2.41 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	2/28/2013	WH1-130228D	0.01 U	--	1.3	--	0.001 U	--	0.003 U	--	2.41 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	5/16/2013	WH1-130516-	0.01 U	--	1.34	--	0.001 U	--	0.003 U	--	2.27	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	8/20/2013	WH1-130820-	0.01 U	--	1.52	--	0.001 U	--	0.003 U	--	2.59	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	11/19/2013	WH1-131119-	0.01 U	--	1.45	--	0.001 U	--	0.003 U	--	1.61	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	2/20/2014	WH1-140220-	0.01 U	--	0.997	--	0.001 U	--	0.003 U	--	1.4	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	5/27/2014	WH1-140527-	0.01 U	--	1.4	--	0.001 U	--	0.003 U	--	2.31	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	8/20/2014	WH1-140820-	0.01 U	--	1.31	--	0.001 U	--	0.003 U	--	2.48	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	12/3/2014	WH1-141203-	0.01 U	--	1.41	--	0.001 U	--	0.003 U	--	1.65	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	2/25/2015	WH1-150225-	0.01 U	--	1.62	--	0.001 U	--	0.003 U	--	2.66	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	5/22/2015	WH1-150522-	0.01 U	--	1.45 D	--	0.001 U	--	0.003 U	--	2.54	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	8/11/2015	WH1-150811-	0.01 U	--	1.51	--	0.001 U	--	0.003 U	--	2.41	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	11/10/2015	WH1-151110-	0.01 U	--	1.51	--	0.001 U	--	0.003 U	--	2.02 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	2/16/2016	WH1-160216-	0.01 U	--	0.951	--	0.001 U	--	0.003 U	--	1.66	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	5/24/2016	WH1-160524-	0.01 U	--	1.3	--	0.001 U	--	0.003 U	--	2.64	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	8/23/2016	WH1-160823-	0.01 U	--	1.38	--	0.001 U	--	0.003 U	--	2.29	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	12/12/2016	WH1-161212-	0.01 U	--	1.17	--	0.001 U	--	0.003 U	--	1.59	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-1	2/21/2017	WH1-170221-	0.01 U	--	1.07	--	0.001 U	--	0.003 DU	--	2.1	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-1	6/9/2017	WH1-170609-	0.000651 D	--	1.28	--	0.0005 U	--	4E-05 U	--	2.65	--	0.0001 U	--	7.5E-05 U	--	0.0019	--
MW-1	8/24/2017	WH1-170824-	0.000509	--	1.38	--	0.0005 U	--	4E-05 U	--	2.61	--	0.0001 U	--	7.5E-05 U	--	0.00142	--
MW-1	12/1/2017	WH1-171201-	0.000202	--	0.92	--	0.0005 U	--	4E-05 U	--	1.2	--	0.0001 U	--	7.5E-05 U	--	0.0005 U	--
MW-1	3/1/2018	WH1-180301-	0.000656	--	1.28	--	0.0005 U	--	4E-05 U	--	2.58	--	0.0001 U	--	7.5E-05 U	--	0.000844	--
MW-1	5/29/2018	WH1-180529-	0.000682	--	1.38	--	0.0005 U	--	4E-05 DU	--	2.78	--	0.0001 U	--	7.5E-05 JU	--	0.00119	--
MW-1	8/28/2018	WH1-180828-	0.000837	--	1.4	--	0.0005 U	--	4E-05 U	--	2.61	--	0.0001 U	--	0.000158 D	--	0.0011	--
MW-1	11/30/2018	WH1-181130-	0.000212	--	1.16	--	0.0005 U	--	4E-05 U	--	1.44	--	0.0001 U	--	0.000136	--	0.0005 U	--
MW-1	3/8/2019	WH1-190308-	0.000265	--	0.899	--	0.0005 U	--	4E-05 U	--	1.52	--	0.0001 U	--	0.000127	--	0.0005 U	--
MW-1	5/29/2019	WH1-190529-	0.000848	--	1.4	--	0.0005 U	--	4E-05 U	--	2.79	--	0.0001 U	--	0.000177	--	0.00105	--
MW-1	5/29/2019	WH1-190529D	0.000936	--	1.42	--	0.0005 U	--	4E-05 U	--	2.82	--	0.0001 U	--	0.000191	--	0.00282	--
MW-1	8/28/2019	WH1-190828-	0.000603	--	1.39	--	0.0005 U	--	4E-05 U	--	2.8	--	0.0001 U	--	0.000153	--	0.00104	--
MW-1	8/28/2019	WH1-190828D	0.000595	--	1.38	--	0.0005 U	--	4E-05 U	--	2.71	--	0.0001 U	--	0.000138	--	0.000917	--
MW-1	11/22/2019	WH1-191122-	0.000276	--	1.23	--	0.0005 U	--	4E-05 U	--	1.7	--	0.0001 U	--	9.55E-05 D	--	0.0005 U	--
MW-1	3/2/2020	WH1-200302-	0.000749	--	1.35	--	0.0005 U	--	4E-05 U	--	2.73	--	0.0001 U	--	9.38E-05 D	--	0.00118	--
MW-1	5/21/2020	WH1-200521-	0.00067	--	1.35	--	0.0005 U	--	4E-05 U	--	2.69	--	0.0001 U	--	9.73E-05	--	0.00182	--
MW-1	8/17/2020	WH1-200817-	0.00056	--	1.41	--	0.0005 U	--	4E-05 U	--	2.82	--	0.0001 U	--	0.00013	--	0.00112	--
MW-1	11/12/2020	WH1-201112-	0.000215	--	1.2	--	0.0005 U	--	4E-05 U	--	1.71	--	0.0001 U	--	0.000158	--	0.0005 U	--
MW-1	2/12/2021	WH1-210212-	0.000437	--	1.18	--	0.0005 U	--	4E-05 U	--	2.36	--	0.0001 U	--	0.000218	--	0.000553	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-1	5/5/2021	WH1-210505-	0.000731	--	1.34	--	0.0005 U	--	4E-05 U	--	2.86	--	0.0001 U	--	0.000249	--	0.00102	--
MW-1	5/5/2021	WH1-210505D	0.000728	--	1.34	--	0.0005 U	--	4E-05 U	--	2.83	--	0.0001 U	--	0.00023	--	0.000826	--
MW-1	8/4/2021	WH1-210804-	0.000536	--	1.32	--	0.0005 U	--	4E-05 U	--	2.6	--	7.5E-05 U	--	0.000239	--	0.000562	--
MW-1	12/1/2021	WH1-211201-	0.000386	--	1.05	--	0.0005 U	--	4E-05 U	--	1.49	--	7.5E-05 U	--	0.000176	--	0.00132	--
MW-1	2/16/2022	WH1-220216-	0.000529	--	1.33	--	0.0005 U	--	4E-05 U	--	2.65	--	7.5E-05 U	--	0.00029	--	0.0005 U	--
MW-1	6/14/2022	WH1-220614-	0.000352	--	1.08	--	0.0005 U	--	4E-05 U	--	1.83	--	7.5E-05 U	--	0.000108	--	0.0005 U	--
MW-1	8/9/2022	WH1-220809-	0.000788	--	1.34	--	0.0005 U	--	4E-05 U	--	2.64	--	7.5E-05 U	--	0.000125	--	0.00208	--
MW-1	12/12/2022	WH1-221212-	0.000141	--	0.939	--	0.0005 U	--	4E-05 U	--	1.45	--	7.5E-05 U	--	0.000124	--	0.00104	--
MW-1	2/23/2023	WH1-230223-	0.000174	--	0.737	--	0.0005 U	--	4E-05 U	--	1.22	--	7.5E-05 U	--	0.000315	--	0.0005 U	--
MW-1	5/22/2023	WH1-230522-	0.000668	0.000709	1.08	1.13	0.0005 U	0.0005 U	4E-05 U	4E-05 U	2.41	2.47	7.5E-05 U	7.5E-05 U	0.000184	0.000793	0.0005 U	0.000516
MW-1	8/30/2023	WH1-230830-	0.000666	0.000811	1.31	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	2.57	--	7.5E-05 U	7.5E-05 U	0.000158	0.000298	0.0005 U	0.0005 U
MW-4	3/1/2013	WH4-130301-	0.01 U	--	0.59	--	0.001 U	--	0.003 U	--	2.55 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	5/23/2013	WH4-130523-	0.01 U	--	0.584	--	0.001 U	--	0.003 DU	--	2.35	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-4	8/22/2013	WH4-130822-	0.01 U	--	0.901	--	0.001 U	--	0.003 U	--	3.29	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	11/21/2013	WH4-131121-	0.01 U	--	0.825	--	0.001 U	--	0.003 U	--	2.98	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	2/25/2014	WH4-140225-	0.01 U	--	0.696	--	0.001 U	--	0.003 U	--	2.55	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	5/27/2014	WH4-140527-	0.01 U	--	0.597	--	0.001 U	--	0.003 U	--	2.3	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	8/15/2014	WH4-140815-	0.01 U	--	0.743	--	0.001 U	--	0.003 U	--	3.19	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	12/2/2014	WH4-141202-	0.01 U	--	0.728	--	0.001 U	--	0.003 U	--	2.65	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	2/24/2015	WH4-150224-	0.01 U	--	0.683	--	0.001 U	--	0.003 U	--	2.5	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	6/3/2015	WH4-150603-	0.01 DU	--	0.707	--	0.001 U	--	0.003 U	--	2.51	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	8/11/2015	WH4-150811-	0.01 U	--	0.812	--	0.001 U	--	0.003 U	--	2.94	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	11/24/2015	WH4-151124-	0.01 U	--	0.611	--	0.001 U	--	0.003 U	--	2.48	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	2/12/2016	WH4-160212-	0.01 U	--	0.552	--	0.001 U	--	0.003 U	--	2.42	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	2/12/2016	WH4-160212D	0.01 U	--	0.564	--	0.001 U	--	0.003 U	--	2.39	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	5/23/2016	WH4-160523-	0.01 U	--	0.676	--	0.001 U	--	0.003 U	--	2.79	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	8/24/2016	WH4-160824-	0.01 U	--	0.871	--	0.001 U	--	0.003 U	--	3.23	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	12/12/2016	WH4-161212-	0.01 U	--	0.686	--	0.001 U	--	0.003 U	--	2.62	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-4	2/21/2017	WH4-170221-	0.01 U	--	0.534	--	0.001 U	--	0.003 DU	--	2.42	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-4	6/8/2017	WH4-170608-	0.0001 DU	--	0.579	--	0.0005 U	--	4E-05 U	--	2.65	--	0.0001 U	--	0.000107	--	0.0005 U	--
MW-4	8/25/2017	WH4-170825-	0.000119	--	0.791	--	0.0005 U	--	4E-05 U	--	3.29	--	0.0001 U	--	9.59E-05	--	0.0005 U	--
MW-4	12/1/2017	WH4-171201-	0.000122	--	0.677	--	0.0005 U	--	4E-05 U	--	2.69	--	0.0001 U	--	0.000107	--	0.0005 U	--
MW-4	3/1/2018	WH4-180301-	0.0001 U	--	0.581	--	0.0005 U	--	4E-05 U	--	2.52	--	0.0001 U	--	0.000101	--	0.0005 U	--
MW-4	5/29/2018	WH4-180529-	0.0001 U	--	0.618	--	0.0005 U	--	4E-05 DU	--	2.67	--	0.0001 U	--	0.000192	--	0.0005 U	--
MW-4	8/27/2018	WH4-180827-	0.000101	--	0.779	--	0.0005 U	--	4E-05 U	--	3.16	--	0.0001 U	--	0.000229 D	--	0.0005 U	--
MW-4	12/5/2018	WH4-181205-	0.0001 U	--	0.691	--	0.0005 U	--	4E-05 U	--	2.74	--	0.0001 U	--	0.000297	--	0.0005 U	--
MW-4	3/8/2019	WH4-190308-	0.0001 U	--	0.642	--	0.0005 U	--	4E-05 U	--	2.75	--	0.0001 U	--	0.000212	--	0.0005 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-4	5/30/2019	WH4-190530-	0.000146	--	0.633	--	0.0005 U	--	4E-05 U	--	2.78	--	0.0001 U	--	0.000276	--	0.00109	--
MW-4	8/28/2019	WH4-190828-	0.000141	--	0.75	--	0.0005 U	--	4E-05 U	--	3.22	--	0.0001 U	--	0.000226	--	0.000619	--
MW-4	11/22/2019	WH4-191122-	0.000106	--	0.805	--	0.0005 U	--	4E-05 U	--	3.22	--	0.0001 U	--	0.000125 D	--	0.0005 U	--
MW-4	3/4/2020	WH4-200304-	0.0001 U	--	0.569	--	0.0005 U	--	4E-05 U	--	2.45	--	0.0001 U	--	0.000131 D	--	0.0005 U	--
MW-4	5/21/2020	WH4-200521-	0.000118	--	0.62	--	0.0005 U	--	4E-05 U	--	2.53	--	0.0001 U	--	0.000185	--	0.000568	--
MW-4	5/21/2020	WH4-200521D	0.000108	--	0.599	--	0.0005 U	--	4E-05 U	--	2.51	--	0.0001 U	--	0.00015	--	0.000514	--
MW-4	8/17/2020	WH4-200817-	0.00011	--	0.791	--	0.0005 U	--	4E-05 U	--	3.4	--	0.0001 U	--	0.00016	--	0.0005 U	--
MW-4	11/9/2020	WH4-201109-	0.000147	--	0.869	--	0.0005 U	--	4E-05 U	--	3.51	--	0.0001 U	--	0.000186	--	0.000651	--
MW-4	2/8/2021	WH4-210208-	0.0001 U	--	0.591	--	0.0005 U	--	4E-05 U	--	2.53	--	0.0001 U	--	0.000291	--	0.0005 U	--
MW-4	5/5/2021	WH4-210505-	0.0001 U	--	0.61	--	0.0005 U	--	4E-05 U	--	2.58	--	0.0001 U	--	0.000225	--	0.0005 U	--
MW-4	8/2/2021	WH4-210802-	0.000107 D	--	0.67	--	0.0005 U	--	4E-05 U	--	2.67	--	7.5E-05 U	--	0.00031	--	0.0005 U	--
MW-4	11/30/2021	WH4-211130-	0.000237	--	0.645	--	0.0005 U	--	4E-05 U	--	2.49	--	7.5E-05 U	--	0.000284	--	0.00082	--
MW-4	2/16/2022	WH4-220216-	0.0001 U	--	0.6	--	0.0005 U	--	4E-05 U	--	2.41	--	7.5E-05 U	--	0.00021	--	0.0005 U	--
MW-4	6/14/2022	WH4-220614-	0.0001 U	--	0.561	--	0.0005 U	--	4E-05 U	--	2.45	--	7.5E-05 U	--	0.000138	--	0.0005 U	--
MW-4	8/12/2022	WH4-220812-	0.000164	--	0.649	--	0.0005 U	--	4E-05 U	--	2.58	--	7.5E-05 U	--	0.000297	--	0.00103	--
MW-4	12/12/2022	WH4-221212-	0.000342	--	0.664	--	0.0005 U	--	4E-05 U	--	2.88	--	7.5E-05 U	--	0.000167	--	0.0015	--
MW-4	2/22/2023	WH4-230222-	0.0001 U	--	0.625	--	0.0005 U	--	4E-05 U	--	3.02	--	7.5E-05 U	--	0.000174	--	0.0005 U	--
MW-4	5/22/2023	WH4-230522-	0.0001 U	0.000193	0.606	0.646	0.0005 U	0.0005 U	4E-05 U	4E-05 U	2.97	3.02	7.5E-05 U	7.5E-05 U	0.000134	0.00042	0.0005 U	0.0005 U
MW-4	8/30/2023	WH4-230830-	0.000211	0.000161	0.665	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	3	--	7.5E-05 U	7.5E-05 U	0.00029	0.000281	0.0005 U	0.0005 U
MW-6	2/27/2013	WH6-130227-	0.01 U	--	0.584	--	0.001 U	--	0.003 U	--	3.85 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	5/23/2013	WH6-130523-	0.01 U	--	0.634	--	0.001 U	--	0.003 DU	--	3.63	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-6	5/23/2013	WH6-130523D	0.01 U	--	0.634	--	0.001 U	--	0.003 DU	--	3.61	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-6	8/27/2013	WH6-130827-	0.01 U	--	0.762	--	0.001 U	--	0.003 U	--	3.57	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	11/25/2013	WH6-131125-	0.01 U	--	0.664	--	0.001 U	--	0.003 DU	--	3.6	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-6	2/24/2014	WH6-140224-	0.01 U	--	0.679	--	0.001 U	--	0.003 U	--	3.46	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	5/30/2014	WH6-140530-	0.01 U	--	0.647	--	0.001 U	--	0.003 U	--	3.34	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	8/15/2014	WH6-140815-	0.01 U	--	0.622	--	0.001 U	--	0.003 U	--	3.78	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	12/2/2014	WH6-141202-	0.01 U	--	0.682	--	0.001 U	--	0.003 U	--	3.37	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	2/24/2015	WH6-150224-	0.01 U	--	0.743	--	0.001 U	--	0.003 U	--	3.92	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	6/3/2015	WH6-150603-	0.01 U	--	0.676	--	0.001 U	--	0.003 U	--	3.17	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	8/13/2015	WH6-150813-	0.01 U	--	0.66	--	0.001 U	--	0.003 U	--	3.44	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	11/20/2015	WH6-151120-	0.01 U	--	0.586	--	0.001 U	--	0.003 U	--	3.46	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	2/16/2016	WH6-160216-	0.01 U	--	0.639	--	0.001 U	--	0.003 U	--	3.61	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	5/25/2016	WH6-160525-	0.01 U	--	0.682	--	0.001 U	--	0.003 U	--	3.83	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	8/29/2016	WH6-160829-	0.01 U	--	0.746	--	0.001 U	--	0.003 U	--	3.62	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	8/29/2016	WH6-160829D	0.01 U	--	0.704	--	0.001 U	--	0.003 U	--	3.64	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	12/12/2016	WH6-161212-	0.01 U	--	0.782	--	0.001 U	--	0.003 U	--	3.68	--	0.001 U	--	0.002 U	--	0.004 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-6	2/22/2017	WH6-170222-	0.01 U	--	0.633	--	0.001 U	--	0.003 DU	--	3.57	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-6	2/22/2017	WH6-170222D	0.01 U	--	0.729	--	0.001 U	--	0.003 U	--	3.76 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-6	6/9/2017	WH6-170609-	0.000123 D	--	0.691	--	0.0005 U	--	4E-05 U	--	3.91	--	0.0001 U	--	0.00153	--	0.00111	--
MW-6	8/28/2017	WH6-170828-	0.000144	--	0.695	--	0.0005 U	--	4E-05 U	--	3.98	--	0.0001 U	--	0.00144	--	0.00147	--
MW-6	12/4/2017	WH6-171204-	0.000121	--	0.717	--	0.0005 U	--	4E-05 U	--	3.82	--	0.0001 U	--	0.00134	--	0.0005 U	--
MW-6	12/4/2017	WH6-171204D	0.0001 U	--	0.711	--	0.0005 U	--	4E-05 U	--	3.86	--	0.0001 U	--	0.00136	--	0.0005 U	--
MW-6	3/2/2018	WH6-180302-	0.0001 U	--	0.736	--	0.0005 U	--	4E-05 U	--	3.99	--	0.0001 U	--	0.00155	--	0.0005 U	--
MW-6	3/2/2018	WH6-180302D	0.0001 U	--	0.734	--	0.0005 U	--	4E-05 U	--	3.94	--	0.0001 U	--	0.00157	--	0.0005 U	--
MW-6	5/31/2018	WH6-180531-	0.000121	--	0.723	--	0.0005 U	--	4E-05 DU	--	4.02	--	0.0001 U	--	0.00172	--	0.00101	--
MW-6	8/28/2018	WH6-180828-	0.000118	--	0.715	--	0.0005 U	--	4E-05 U	--	3.86	--	0.0001 U	--	0.00144 D	--	0.00125	--
MW-6	12/5/2018	WH6-181205-	0.000135	--	0.692	--	0.0005 U	--	4E-05 U	--	3.72	--	0.0001 U	--	0.00156	--	0.00105	--
MW-6	3/8/2019	WH6-190308-	0.000157	--	0.71	--	0.0005 U	--	4E-05 U	--	3.79	--	0.0001 U	--	0.0015	--	0.0005 U	--
MW-6	5/29/2019	WH6-190529-	0.000132	--	0.691	--	0.0005 U	--	4E-05 U	--	3.71	--	0.0001 U	--	0.00174	--	0.00108	--
MW-6	8/28/2019	WH6-190828-	0.000152	--	0.651	--	0.0005 U	--	4E-05 U	--	3.73	--	0.0001 U	--	0.00136	--	0.00129	--
MW-6	11/26/2019	WH6-191126-	0.000154	--	0.704	--	0.0005 U	--	4E-05 U	--	3.78	--	0.0001 U	--	0.00138 D	--	0.0005 U	--
MW-6	3/4/2020	WH6-200305-	0.000109	--	0.722	--	0.0005 U	--	4E-05 U	--	3.91	--	0.0001 U	--	0.00164 D	--	0.00124	--
MW-6	5/26/2020	WH6-200526-	0.000123	--	0.709	--	0.0005 U	--	4E-05 U	--	3.78	--	0.0001 U	--	0.0016	--	0.000992	--
MW-6	8/17/2020	WH6-200817-	0.000151	--	0.694	--	0.0005 U	--	4E-05 U	--	3.93	--	0.0001 U	--	0.00159	--	0.00105	--
MW-6	11/10/2020	WH6-201110-	0.000171	--	0.676	--	0.0005 U	--	4E-05 U	--	4.11	--	0.0001 U	--	0.00153	--	0.000697	--
MW-6	2/9/2021	WH6-210209-	0.000124	--	0.712	--	0.0005 U	--	4E-05 U	--	3.92	--	0.0001 U	--	0.00169	--	0.00324	--
MW-6	5/6/2021	WH6-210506-	0.000123	--	0.744	--	0.0005 U	--	4E-05 U	--	4.04	--	0.0001 U	--	0.00174	--	0.0005 U	--
MW-6	8/3/2021	WH6-210803-	0.000135	--	0.694	--	0.0005 U	--	4E-05 U	--	3.87	--	7.5E-05 U	--	0.00151	--	0.0005 U	--
MW-6	12/1/2021	WH6-211201-	0.000398	--	0.739	--	0.0005 U	--	4E-05 U	--	3.86	--	7.5E-05 U	--	0.00161	--	0.000865	--
MW-6	2/17/2022	WH6-220217-	0.000118	--	0.747	--	0.0005 U	--	4E-05 U	--	3.79	--	7.5E-05 U	--	0.00194	--	0.0005 U	--
MW-6	6/14/2022	WH6-220614-	0.00019	--	0.687	--	0.0005 U	--	4E-05 U	--	3.61	--	7.5E-05 U	--	0.00165	--	0.0005 U	--
MW-6	8/12/2022	WH6-220812-	0.000252	--	0.707	--	0.0005 U	--	4E-05 U	--	3.61	--	7.5E-05 U	--	0.00178	--	0.000812	--
MW-6	12/12/2022	WH6-221212-	0.000136	--	0.668	--	0.0005 U	--	4E-05 U	--	3.76	--	7.5E-05 U	--	0.00147	--	0.0005 U	--
MW-6	2/23/2023	WH6-230223-	0.000212	--	0.71	--	0.0005 U	--	4E-05 U	--	3.81	--	7.5E-05 U	--	0.00173	--	0.0005 U	--
MW-6	5/22/2023	WH6-230522-	0.000138	0.0003	0.678	0.71	0.0005 U	0.0005 U	4E-05 U	4E-05 U	3.97	4.07	7.5E-05 U	7.5E-05 U	0.0016	0.00168	0.0005 U	0.0005 U
MW-6	9/1/2023	WH6-230901-	0.000262	0.000306	0.705	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	4.12	--	7.5E-05 U	7.5E-05 U	0.00161	0.00146	0.0005 U	0.0005 U
MW-10	2/28/2013	WH10130228-	0.01 U	--	1.3	--	0.001 U	--	0.003 U	--	1.54 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	5/21/2013	WH10130521-	0.01 U	--	1.29	--	0.001 U	--	0.003 DU	--	1.42	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-10	8/20/2013	WH10130820-	0.01 U	--	1.41	--	0.001 U	--	0.003 U	--	1.66	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	11/26/2013	WH10131126-	0.01 U	--	1.44	--	0.001 U	--	0.003 DU	--	1.57	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-10	2/19/2014	WH10140219-	0.01 U	--	1.36	--	0.001 U	--	0.003 U	--	1.61	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	6/2/2014	WH10140602-	0.01 U	--	1.28	--	0.001 U	--	0.003 U	--	1.37	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	8/15/2014	WH10140815-	0.01 U	--	1.18	--	0.001 U	--	0.003 U	--	1.58	--	0.001 U	--	0.002 U	--	0.004 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-10	12/3/2014	WH10141203-	0.01 U	--	1.49	--	0.001 U	--	0.003 U	--	1.58	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	2/24/2015	WH10150224-	0.01 U	--	1.46	--	0.001 U	--	0.003 U	--	1.73	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	5/18/2015	WH10150518-	0.01 U	--	1.07 D	--	0.001 U	--	0.003 DU	--	1.31 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	8/10/2015	WH10150810-	0.01 U	--	1.25	--	0.001 U	--	0.003 U	--	1.47	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	11/20/2015	WH10151120-	0.01 U	--	1.2	--	0.001 U	--	0.003 U	--	1.55	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	2/16/2016	WH10160216-	0.01 U	--	1.15	--	0.001 U	--	0.003 U	--	1.45	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	5/25/2016	WH10160525-	0.01 U	--	1.09	--	0.001 U	--	0.003 U	--	1.48	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	8/24/2016	WH10160824-	0.01 U	--	1.22	--	0.001 U	--	0.003 U	--	1.48	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	12/12/2016	WH10161212-	0.01 U	--	1.33	--	0.001 U	--	0.003 U	--	1.61	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-10	2/21/2017	WH10170221-	0.01 U	--	1.16	--	0.001 U	--	0.003 DU	--	1.58	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-10	6/9/2017	WH10170609-	0.00031 D	--	1.11	--	0.0005 U	--	4E-05 U	--	1.44	--	0.0001 U	--	8.04E-05	--	0.00114	--
MW-10	8/28/2017	WH10170828-	0.000373	--	1.22	--	0.0005 U	--	4E-05 U	--	1.56	--	0.0001 U	--	8.61E-05	--	0.00177	--
MW-10	12/4/2017	WH10171204-	0.000393	--	1.32	--	0.0005 U	--	4E-05 U	--	1.67	--	0.0001 U	--	8.39E-05	--	0.00111	--
MW-10	2/26/2018	WH10180226-	0.000287	--	1.2	--	0.0005 U	--	4E-05 U	--	1.6	--	0.0001 U	--	9.43E-05	--	0.000741	--
MW-10	5/31/2018	WH10180531-	0.00032	--	1.1	--	0.0005 U	--	4E-05 DU	--	1.46	--	0.0001 U	--	0.000108	--	0.00148	--
MW-10	8/28/2018	WH10180828-	0.00036	--	1.18	--	0.0005 U	--	4E-05 U	--	1.56	--	0.0001 U	--	0.000117 D	--	0.0011	--
MW-10	12/7/2018	WH10181207-	0.000398	--	1.18	--	0.0005 U	--	4E-05 U	--	1.58	--	0.0001 U	--	0.000217	--	0.000893	--
MW-10	3/8/2019	WH10190308-	0.000323	--	1.17	--	0.0005 U	--	4E-05 U	--	1.6	--	0.0001 U	--	0.000119	--	0.000896 J	--
MW-10	5/30/2019	WH10190530-	0.000292	--	1.04	--	0.0005 U	--	4E-05 U	--	1.43	--	0.0001 U	--	9.4E-05	--	0.00126	--
MW-10	8/28/2019	WH10190828-	0.000432	--	1.1	--	0.0005 U	--	4E-05 U	--	1.66	--	0.0001 U	--	0.000175	--	0.00155	--
MW-10	11/22/2019	WH10191122-	0.000518	--	1.24	--	0.0005 U	--	4E-05 U	--	1.78	--	0.0001 U	--	9.11E-05 D	--	0.0014	--
MW-10	3/4/2020	WH10200305-	0.000375	--	1.14	--	0.0005 U	--	4E-05 U	--	1.57	--	0.0001 U	--	0.000106 D	--	0.000972	--
MW-10	5/26/2020	WH10200526-	0.000379	--	1.05	--	0.0005 U	--	4E-05 U	--	1.49	--	0.0001 U	--	0.000136	--	0.00136	--
MW-10	8/18/2020	WH10200818-	0.00045	--	1.16	--	0.0005 U	--	4E-05 U	--	1.67	--	0.0001 U	--	0.000103	--	0.00125	--
MW-10	11/12/2020	WH10201112-	0.000469	--	1.16	--	0.0005 U	--	4E-05 U	--	1.83	--	0.0001 U	--	9.7E-05	--	0.00121	--
MW-10	2/11/2021	WH10210211-	0.000374	--	1.17	--	0.0005 U	--	4E-05 U	--	1.71	--	0.0001 U	--	0.00024	--	0.00102	--
MW-10	2/11/2021	WH10210211D	0.000392	--	1.17	--	0.0005 U	--	4E-05 U	--	1.71	--	0.0001 U	--	0.000189	--	0.000958	--
MW-10	5/7/2021	WH10210507-	0.000334	--	1.01	--	0.0005 U	--	4E-05 U	--	1.54	--	0.0001 U	--	0.000306	--	0.000919	--
MW-10	8/3/2021	WH10210803-	0.000434	--	1.05	--	0.0005 U	--	4E-05 U	--	1.5	--	7.5E-05 U	--	0.000244	--	0.000969	--
MW-10	12/1/2021	WH10211201-	0.000561	--	1.14	--	0.0005 U	--	4E-05 U	--	1.61	--	7.5E-05 U	--	0.000109	--	0.00143	--
MW-10	2/17/2022	WH10220217-	0.000387	--	1.08	--	0.0005 U	--	4E-05 U	--	1.49	--	7.5E-05 U	--	0.000277	--	0.00105	--
MW-10	6/15/2022	WH10220615-	0.000329	--	0.965	--	0.0005 U	--	4E-05 U	--	1.4	--	7.5E-05 U	--	9.59E-05	--	0.0012	--
MW-10	8/11/2022	WH10220811-	0.00054	--	1.12	--	0.0005 U	--	4E-05 U	--	1.62	--	7.5E-05 U	--	0.000262	--	0.00194	--
MW-10	12/12/2022	WH10221212-	0.000445	--	1.14	--	0.0005 U	--	4E-05 U	--	1.82	--	7.5E-05 U	--	0.000138	--	0.00123	--
MW-10	2/22/2023	WH10230222-	0.000448	--	1.01	--	0.0005 U	--	4E-05 U	--	1.66	--	7.5E-05 U	--	0.000114	--	0.00119	--
MW-10	5/23/2023	WH10230523-	0.000338	0.000362	0.958	0.975	0.0005 U	0.0005 U	4E-05 U	4E-05 U	1.5	1.52	7.5E-05 U	7.5E-05 U	7.5E-05 U	8.27E-05	0.000947	0.00113
MW-10	8/31/2023	WH10230831-	0.000505	0.00052	1.09	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	1.92	--	7.5E-05 U	7.5E-05 U	0.000161	8.16E-05	0.00116	0.00132

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-11	2/27/2013	WH11130227-	0.01 U	--	0.38 T	--	0.001 U	--	0.003 U	--	3.24 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	5/21/2013	WH11130521-	0.01 U	--	0.34 T	--	0.001 U	--	0.003 DU	--	2.78	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-11	8/22/2013	WH11130822-	0.01 U	--	0.47 T	--	0.001 U	--	0.003 U	--	3.59	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	11/25/2013	WH11131125-	0.01 U	--	0.4 T	--	0.001 U	--	0.003 DU	--	3.31	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-11	2/28/2014	WH11140228-	0.01 U	--	0.33 T	--	0.001 U	--	0.003 U	--	2.7	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	5/12/2014	WH11140512-	0.01 U	--	0.31 T	--	0.001 U	--	0.003 U	--	2.77	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	8/15/2014	WH11140815-	0.01 U	--	0.31 T	--	0.001 U	--	0.003 U	--	3.28	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	12/2/2014	WH11141202-	0.01 U	--	0.44 T	--	0.001 U	--	0.003 U	--	3.19	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	2/24/2015	WH11150224-	0.01 U	--	0.4 T	--	0.001 U	--	0.003 U	--	3.11	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	5/18/2015	WH11150518-	0.01 U	--	0.3 DT	--	0.001 U	--	0.003 DU	--	2.8 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	8/13/2015	WH11150813-	0.01 U	--	0.44 T	--	0.001 U	--	0.003 U	--	3.24	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	11/12/2015	WH11151112-	0.01 U	--	0.43 T	--	0.001 U	--	0.003 U	--	3.83 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	2/16/2016	WH11160216-	0.01 U	--	0.33 T	--	0.001 U	--	0.003 U	--	2.89	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	5/25/2016	WH11160525-	0.01 U	--	0.42 T	--	0.001 U	--	0.003 U	--	3.2	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	8/24/2016	WH11160824-	0.01 U	--	0.48 T	--	0.001 U	--	0.003 U	--	3.48	--	0.001 U	--	0.002 U	--	0.0108	--
MW-11	12/12/2016	WH11161212-	0.01 U	--	0.42 T	--	0.001 U	--	0.003 U	--	3.11	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	2/24/2017	WH11170224-	0.01 U	--	0.34 T	--	0.001 U	--	0.003 U	--	2.66 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-11	6/7/2017	WH11170607-	0.000145 D	--	0.379	--	0.0005 U	--	4E-05 U	--	3.13	--	0.0001 U	--	0.000299	--	0.0005 U	--
MW-11	8/24/2017	WH11170824-	0.000107	--	0.425	--	0.0005 U	--	4E-05 U	--	3.5	--	0.0001 U	--	0.000284	--	0.0005 U	--
MW-11	12/1/2017	WH11171201-	0.000139	--	0.41	--	0.0005 U	--	4E-05 U	--	3.34	--	0.0001 U	--	0.000186	--	0.0005 U	--
MW-11	3/1/2018	WH11180301-	0.0001 U	--	0.355	--	0.0005 U	--	4E-05 U	--	2.97	--	0.0001 U	--	0.000171	--	0.0005 U	--
MW-11	5/29/2018	WH11180529-	0.0001 U	--	0.372	--	0.0005 U	--	4E-05 DU	--	3.19	--	0.0001 U	--	0.000271	--	0.0005 U	--
MW-11	8/27/2018	WH11180827-	0.000127	--	0.445	--	0.0005 U	--	4E-05 U	--	3.39	--	0.0001 U	--	0.000348 D	--	0.0005 U	--
MW-11	12/5/2018	WH11181205-	0.0001 U	--	0.435	--	0.0005 U	--	4E-05 U	--	3.46	--	0.0001 U	--	0.000382	--	0.0005 U	--
MW-11	3/11/2019	WH11190311-	0.0001 U	--	0.387	--	0.0005 U	--	4E-05 U	--	3.21	--	0.0001 U	--	0.00036	--	0.0005 U	--
MW-11	5/30/2019	WH11190530-	0.0001 U	--	0.397	--	0.0005 U	--	4E-05 U	--	3.31	--	0.0001 U	--	0.000233	--	0.0005 U	--
MW-11	8/28/2019	WH11190828-	0.000183	--	0.439	--	0.0005 U	--	4E-05 U	--	3.5	--	0.0001 U	--	0.000462	--	0.000949	--
MW-11	11/22/2019	WH11191122-	0.0001 U	--	0.521	--	0.0005 U	--	4E-05 U	--	4.2	--	0.0001 U	--	0.00028 D	--	0.000587	--
MW-11	3/4/2020	WH11200304-	0.0001 U	--	0.369	--	0.0005 U	--	4E-05 U	--	2.79	--	0.0001 U	--	0.000215 D	--	0.0005 U	--
MW-11	5/26/2020	WH11200526-	0.0001 U	--	0.392	--	0.0005 U	--	4E-05 U	--	3.19	--	0.0001 U	--	0.000282	--	0.0005 U	--
MW-11	8/18/2020	WH11200818-	0.000125	--	0.456	--	0.0005 U	--	4E-05 U	--	3.66	--	0.0001 U	--	0.000408	--	0.0005 U	--
MW-11	11/10/2020	WH11201110-	0.000108	--	0.449	--	0.0005 U	--	4E-05 U	--	3.75	--	0.0001 U	--	0.000448	--	0.000533	--
MW-11	2/11/2021	WH11210211-	0.0001 U	--	0.379	--	0.0005 U	--	4E-05 U	--	2.95	--	0.0001 U	--	0.000321	--	0.0005 U	--
MW-11	5/5/2021	WH11210505-	0.0001 U	--	0.399	--	0.0005 U	--	4E-05 U	--	3.12	--	0.0001 U	--	0.000415	--	0.0005 U	--
MW-11	8/3/2021	WH11210803-	0.000135	--	0.466	--	0.0005 U	--	4E-05 U	--	3.63	--	7.5E-05 U	--	0.000484	--	0.0005 U	--
MW-11	11/30/2021	WH11211130-	0.00019	--	0.44	--	0.0005 U	--	4E-05 U	--	3.33	--	7.5E-05 U	--	0.000301	--	0.000569	--
MW-11	2/17/2022	WH11220217-	0.000112	--	0.413	--	0.0005 U	--	4E-05 U	--	3	--	7.5E-05 U	--	0.000527	--	0.0005 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-11	6/15/2022	WH11220615-	0.0001 U	--	0.351	--	0.0005 U	--	4E-05 U	--	2.91	--	7.5E-05 U	--	0.000252	--	0.0005 U	--
MW-11	8/11/2022	WH11220811-	0.000166	--	0.407	--	0.0005 U	--	4E-05 U	--	3.15	--	7.5E-05 U	--	0.000478	--	0.000629	--
MW-11	12/12/2022	WH11221212-	0.0001 U	--	0.413	--	0.0005 U	--	4E-05 U	--	3.29	--	7.5E-05 U	--	0.000269	--	0.0005 U	--
MW-11	2/22/2023	WH11230222-	0.000109	--	0.398	--	0.0005 U	--	4E-05 U	--	3.55	--	7.5E-05 U	--	0.000296	--	0.0005 U	--
MW-11	2/22/2023	WH11230222D	0.000107	--	0.394	--	0.0005 U	--	4E-05 U	--	3.47	--	7.5E-05 U	--	0.000311	--	0.0005 U	--
MW-11	5/22/2023	WH11230522-	0.000102	0.0001 U	0.382	0.364	0.0005 U	0.0005 U	4E-05 U	4E-05 U	3.51	3.72	7.5E-05 U	7.5E-05 U	0.000281	0.000386	0.0005 U	0.0005 U
MW-11	8/31/2023	WH11230831-	0.00018	0.00018	0.473	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	3.82	--	7.5E-05 U	7.5E-05 U	0.000529	0.000375	0.0005 U	0.0005 U
MW-18	2/26/2013	WH18130226-	0.01 U	--	0.49 T	--	0.001 U	--	0.003 U	--	3.08 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	5/15/2013	WH18130515-	0.01 U	--	0.522	--	0.001 U	--	0.003 U	--	2.8	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	11/15/2013	WH18131115-	0.01 U	--	0.67	--	0.001 U	--	0.003 U	--	3.05	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	2/24/2014	WH18140224-	0.01 U	--	0.589	--	0.001 U	--	0.003 U	--	2.88	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	6/2/2014	WH18140602-	0.01 U	--	0.526	--	0.001 U	--	0.003 U	--	2.76	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	8/21/2014	WH18140821-	0.01 U	--	0.514	--	0.001 U	--	0.003 U	--	3.15	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	8/21/2014	WH18140821D	0.01 U	--	0.512	--	0.001 U	--	0.003 DU	--	3.06 D	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-18	12/3/2014	WH18141203-	0.01 U	--	0.599	--	0.001 U	--	0.003 U	--	2.79	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	2/24/2015	WH18150224-	0.01 U	--	0.643	--	0.001 U	--	0.003 U	--	3.1	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	5/22/2015	WH18150522-	0.01 U	--	0.578 D	--	0.001 U	--	0.003 U	--	2.87	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	12/2/2015	WH18151202-	0.01 U	--	0.571	--	0.001 U	--	0.003 U	--	2.86	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	2/12/2016	WH18160212-	0.01 U	--	0.551	--	0.001 U	--	0.003 U	--	2.83	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	5/23/2016	WH18160523-	0.01 U	--	0.578	--	0.001 U	--	0.003 U	--	2.98	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	12/15/2016	WH18161215-	0.01 U	--	0.677	--	0.001 U	--	0.003 U	--	2.74	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	2/24/2017	WH18170224-	0.01 U	--	0.604	--	0.001 U	--	0.003 U	--	3.06 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-18	6/16/2017	WH18170616-	0.000314 D	--	0.539	--	0.0005 U	--	4E-05 U	--	2.89	--	0.0001 U	--	7.5E-05 U	--	0.0033	--
MW-18	8/25/2017	WH18170825-	0.000176	--	0.585	--	0.0005 U	--	4E-05 U	--	2.83	--	0.0001 U	--	8.78E-05	--	0.0005 U	--
MW-18	12/1/2017	WH18171201-	0.000159	--	0.612	--	0.0005 U	--	4E-05 U	--	2.76	--	0.0001 U	--	8.87E-05	--	0.0005 U	--
MW-18	3/1/2018	WH18180301-	0.00022	--	0.586	--	0.0005 U	--	4E-05 U	--	2.92	--	0.0001 U	--	9.95E-05	--	0.0005 U	--
MW-18	5/31/2018	WH18180531-	0.000201	--	0.569	--	0.0005 U	--	4E-05 DU	--	3.1	--	0.0001 U	--	0.000208	--	0.000573	--
MW-18	12/7/2018	WH18181207-	0.000101	--	0.615	--	0.0005 U	--	4E-05 U	--	2.69	--	0.0001 U	--	0.00029	--	0.0005 U	--
MW-18	3/11/2019	WH18190311-	0.000194	--	0.599	--	0.0005 U	--	4E-05 U	--	2.81	--	0.0001 U	--	0.000208	--	0.0005 U	--
MW-18	5/30/2019	WH18190530-	0.000125	--	0.559	--	0.0005 U	--	4E-05 U	--	2.85	--	0.0001 U	--	0.000141	--	0.000793	--
MW-18	3/6/2020	WH18200306-	0.000127	--	0.596	--	0.0005 U	--	4E-05 U	--	2.95	--	0.0001 U	--	0.000183 D	--	0.0005 U	--
MW-18	5/26/2020	WH18200526-	0.00016	--	0.616	--	0.0005 U	--	4E-05 U	--	2.82	--	0.0001 U	--	0.000206	--	0.00212	--
MW-18	2/10/2021	WH18210210-	0.0001 U	--	0.634	--	0.0005 U	--	4E-05 U	--	3.06	--	0.0001 U	--	0.000389	--	0.0005 U	--
MW-18	5/6/2021	WH18210506-	0.000131	--	0.612	--	0.0005 U	--	4E-05 U	--	3.12	--	0.0001 U	--	0.000362	--	0.0005 U	--
MW-18	11/30/2021	WH18211130-	0.000208	--	0.67	--	0.0005 U	--	4E-05 U	--	2.76	--	7.5E-05 U	--	0.000203	--	0.000912	--
MW-18	2/17/2022	WH18220217-	0.000115	--	0.643	--	0.0005 U	--	4E-05 U	--	2.88	--	7.5E-05 U	--	0.000349	--	0.0005 U	--
MW-18	6/15/2022	WH18220615-	0.0001 U	--	0.564	--	0.0005 U	--	4E-05 U	--	2.83	--	7.5E-05 U	--	0.000152	--	0.0005 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-18	8/12/2022	WH18220812-	0.000784	--	0.611	--	0.0005 U	--	4E-05 U	--	2.94	--	7.5E-05 U	--	0.000338	--	0.00275	--
MW-18	12/13/2022	WH18221213-	0.000195	--	0.642	--	0.0005 U	--	4E-05 U	--	2.83	--	7.5E-05 U	--	0.000216	--	0.0005 U	--
MW-18	2/22/2023	WH18230222-	0.000115	--	0.608	--	0.0005 U	--	4E-05 U	--	3.15	--	7.5E-05 U	--	0.00017	--	0.0005 U	--
MW-18	5/22/2023	WH18230522-	0.000119	0.000137	0.566	0.539	0.0005 U	0.0005 U	4E-05 U	4E-05 U	3.06	3.17	7.5E-05 U	7.5E-05 U	0.000156	0.000243	0.0005 U	0.0005 U
MW-26	12/24/2019	WH26191224-	0.000111	--	0.471	--	0.0005 U	--	4E-05 U	--	2.82	--	0.0001 U	--	0.000351	--	0.000541	--
MW-26	3/5/2020	WH26200305-	0.000101	--	0.41	--	0.0005 U	--	4E-05 U	--	2.66	--	0.0001 U	--	0.000277 D	--	0.000775	--
MW-26	5/26/2020	WH26200526-	0.000229	--	0.456	--	0.0005 U	--	4E-05 U	--	2.94	--	0.0001 U	--	0.00029	--	0.00148	--
MW-26	8/18/2020	WH26200818-	0.000138	--	0.486	--	0.0005 U	--	4E-05 U	--	3.09	--	0.0001 U	--	0.000266	--	0.00111	--
MW-26	11/9/2020	WH26201109-	0.000165	--	0.504	--	0.0005 U	--	4E-05 U	--	3.44	--	0.0001 U	--	0.000395	--	0.000736	--
MW-26	2/9/2021	WH26210209-	0.0001 U	--	0.401	--	0.0005 U	--	4E-05 U	--	2.61	--	0.0001 U	--	0.000456	--	0.000753	--
MW-26	5/5/2021	WH26210505-	0.000176	--	0.464	--	0.0005 U	--	4E-05 U	--	3.08	--	0.0001 U	--	0.000334	--	0.00101	--
MW-26	8/2/2021	WH26210802-	0.00019 D	--	0.506	--	0.0005 U	--	4E-05 U	--	3.26	--	7.5E-05 U	--	0.00041	--	0.00104	--
MW-26	11/30/2021	WH26211130-	0.000374	--	0.416	--	0.0005 U	--	4E-05 U	--	2.46	--	7.5E-05 U	--	0.000365	--	0.00211	--
MW-26	11/30/2021	WH26211130D	0.000327	--	0.416	--	0.0005 U	--	4E-05 U	--	2.48	--	7.5E-05 U	--	0.000382	--	0.00196	--
MW-26	2/17/2022	WH26220217-	0.000163	--	0.444	--	0.0005 U	--	4E-05 U	--	2.84	--	7.5E-05 U	--	0.000437	--	0.000813	--
MW-26	6/14/2022	WH26220614-	0.000128	--	0.437	--	0.0005 U	--	4E-05 U	--	2.8	--	7.5E-05 U	--	0.000232	--	0.0016	--
MW-26	8/12/2022	WH26220812-	0.000427	--	0.503	--	0.0005 U	--	4E-05 U	--	3.03	--	7.5E-05 U	--	0.000484	--	0.00222	--
MW-26	8/12/2022	WH26220812D	0.000358	--	0.498	--	0.0005 U	--	4E-05 U	--	3.01	--	7.5E-05 U	--	0.000427	--	0.00183	--
MW-26	12/13/2022	WH26221213-	0.000145	--	0.538	--	0.0005 U	--	4E-05 U	--	3.34	--	7.5E-05 U	--	0.00028	--	0.00172	--
MW-26	2/22/2023	WH26230222-	0.000171	--	0.45	--	0.0005 U	--	4E-05 U	--	3.11	--	7.5E-05 U	--	0.0002	--	0.000687	--
MW-26	5/22/2023	WH26230522-	0.000143	0.000193	0.484	0.454	0.0005 U	0.0005 U	4E-05 U	4E-05 U	3.3	3.38	7.5E-05 U	7.5E-05 U	0.000178	0.000364	0.000696	0.000536
MW-26	8/31/2023	WH26230831-	0.000167	0.000224	0.531	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	3.48	--	7.5E-05 U	7.5E-05 U	0.000293	0.000254	0.0005 U	0.000541
Deep Aquifer																		
MW-3	3/1/2013	WH3-130301-	0.01 U	--	0.682	--	0.001 U	--	0.003 U	--	9.57 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	5/22/2013	WH3-130522-	0.01 U	--	0.703	--	0.001 U	--	0.003 DU	--	9.39	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-3	8/27/2013	WH3-130827-	0.01 U	--	0.85	--	0.001 U	--	0.003 U	--	8.88	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	11/20/2013	WH3-131120-	0.01 U	--	0.798	--	0.001 U	--	0.003 U	--	9.33	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	2/24/2014	WH3-140224-	0.01 U	--	0.734	--	0.001 U	--	0.003 U	--	8.67	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	2/24/2014	WH3-140224D	0.01 U	--	0.741	--	0.001 U	--	0.003 U	--	8.81	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	5/28/2014	WH3-140528-	0.01 U	--	0.728	--	0.001 U	--	0.003 U	--	8.79	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	8/19/2014	WH3-140819-	0.01 U	--	0.66	--	0.001 U	--	0.003 U	--	9.82	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	11/25/2014	WH3-141125-	0.01 U	--	0.735	--	0.001 U	--	0.003 U	--	8.99	--	0.001 U	--	0.002 U	--	0.004 DU	--
MW-3	2/25/2015	WH3-150225-	0.01 U	--	0.808	--	0.001 U	--	0.003 U	--	9.51	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	6/3/2015	WH3-150603-	0.01 U	--	0.738	--	0.001 U	--	0.003 U	--	8.3	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	8/11/2015	WH3-150811-	0.01 U	--	0.739	--	0.001 U	--	0.003 U	--	9.33	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	11/20/2015	WH3-151120-	0.01 U	--	0.644	--	0.001 U	--	0.003 U	--	8.69	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	2/12/2016	WH3-160212-	0.01 U	--	0.711	--	0.001 U	--	0.003 U	--	9.68	--	0.001 U	--	0.002 U	--	0.004 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-3	5/24/2016	WH3-160524-	0.01 U	--	0.763	--	0.001 U	--	0.003 U	--	10.4	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	8/24/2016	WH3-160824-	0.01 U	--	0.81	--	0.001 U	--	0.003 U	--	9.73	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	12/9/2016	WH3-161209-	0.01 U	--	0.831	--	0.001 U	--	0.003 U	--	9.94	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-3	2/21/2017	WH3-170221-	0.01 U	--	0.709	--	0.001 U	--	0.003 DU	--	9.41	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-3	6/7/2017	WH3-170607-	0.0001 DU	--	0.754	--	0.0005 U	--	4E-05 U	--	10.2	--	0.0001 U	--	0.00132	--	0.0005 U	--
MW-3	8/25/2017	WH3-170825-	0.0001 U	--	0.801	--	0.0005 U	--	4E-05 U	--	10.5	--	0.0001 U	--	0.00134	--	0.0005 U	--
MW-3	12/1/2017	WH3-171201-	0.0001 U	--	0.819	--	0.0005 U	--	4E-05 U	--	10.1	--	0.0001 U	--	0.00137	--	0.0005 U	--
MW-3	3/1/2018	WH3-180301-	0.0001 U	--	0.768	--	0.0005 U	--	4E-05 U	--	10.2	--	0.0001 U	--	0.00117	--	0.0005 U	--
MW-3	5/24/2018	WH3-180524-	0.0001 DU	--	0.766	--	0.0005 U	--	4E-05 U	--	10.1	--	0.0001 U	--	0.0014	--	0.0005 U	--
MW-3	8/27/2018	WH3-180827-	0.0001 U	--	0.846	--	0.0005 U	--	4E-05 U	--	10.6	--	0.0001 U	--	0.00168 D	--	0.0005 U	--
MW-3	12/5/2018	WH3-181205-	0.0001 U	--	0.768	--	0.0005 U	--	4E-05 U	--	9.43	--	0.0001 U	--	0.00163	--	0.0005 U	--
MW-3	3/8/2019	WH3-190308-	0.0001 U	--	0.811	--	0.0005 U	--	4E-05 U	--	10.5	--	0.0001 U	--	0.0018	--	0.0005 U	--
MW-3	5/30/2019	WH3-190530-	0.0001 U	--	0.801	--	0.0005 U	--	4E-05 U	--	10.3	--	0.0001 U	--	0.00167	--	0.0005 U	--
MW-3	9/3/2019	WH3-190903-	0.0001 U	--	0.777	--	0.0005 U	--	4E-05 U	--	10.2	--	0.0001 U	--	0.00121	--	0.0005 U	--
MW-3	11/22/2019	WH3-191122-	0.0001 U	--	0.808	--	0.0005 U	--	4E-05 U	--	10.2	--	0.0001 U	--	0.00133 D	--	0.0005 U	--
MW-3	3/4/2020	WH3-200304-	0.0001 U	--	0.824	--	0.0005 U	--	4E-05 U	--	10.6	--	0.0001 U	--	0.00129 D	--	0.0005 U	--
MW-3	5/21/2020	WH3-200521-	0.000171	--	0.811	--	0.0005 U	--	4E-05 U	--	10.2	--	0.0001 U	--	0.00141	--	0.0005 U	--
MW-3	8/17/2020	WH3-200817-	0.0001 U	--	0.814	--	0.0005 U	--	4E-05 U	--	10.8	--	0.0001 U	--	0.00177	--	0.0005 U	--
MW-3	11/9/2020	WH3-201109-	0.000105	--	0.801	--	0.0005 U	--	4E-05 U	--	10.9	--	0.0001 U	--	0.00153	--	0.0005 U	--
MW-3	2/8/2021	WH3-210208-	0.0001 U	--	0.809	--	0.0005 U	--	4E-05 U	--	10.3	--	0.0001 U	--	0.00167	--	0.0005 U	--
MW-3	5/6/2021	WH3-210506-	0.0001 U	--	0.829	--	0.0005 U	--	4E-05 U	--	10.9	--	0.0001 U	--	0.00149	--	0.0005 U	--
MW-3	8/2/2021	WH3-210802-	0.0001 DU	--	0.818	--	0.0005 U	--	4E-05 U	--	10.5	--	7.5E-05 U	--	0.00153	--	0.0005 U	--
MW-3	11/30/2021	WH3-211130-	0.000148	--	0.839	--	0.0005 U	--	4E-05 U	--	9.96	--	7.5E-05 U	--	0.00163	--	0.0005 U	--
MW-3	2/16/2022	WH3-220216-	0.0001 U	--	0.845	--	0.0005 U	--	4E-05 U	--	10	--	7.5E-05 U	--	0.00175	--	0.0005 U	--
MW-3	6/14/2022	WH3-220614-	0.0001 U	--	0.784	--	0.0005 U	--	4E-05 U	--	9.88	--	7.5E-05 U	--	0.0017	--	0.0005 U	--
MW-3	8/11/2022	WH3-220811-	0.000164	--	0.829	--	0.0005 U	--	4E-05 U	--	9.89	--	7.5E-05 U	--	0.00179	--	0.00106	--
MW-3	12/12/2022	WH3-221212-	0.000156	--	0.806	--	0.0005 U	--	4E-05 U	--	10.3	--	7.5E-05 U	--	0.00162	--	0.000746	--
MW-3	2/22/2023	WH3-230222-	0.0001 U	--	0.785	--	0.0005 U	--	4E-05 U	--	11.1	--	7.5E-05 U	--	0.00168	--	0.0005 U	--
MW-3	5/22/2023	WH3-230522-	0.0001 U	0.0001 U	0.798	0.827	0.0005 U	0.0005 U	4E-05 U	4E-05 U	10.6	10.6	7.5E-05 U	7.5E-05 U	0.00154	0.00152	0.0005 U	0.0005 U
MW-3	8/30/2023	WH3-230830-	0.0001 U	0.000114	0.833	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	11	--	7.5E-05 U	7.5E-05 U	0.00178	0.00166	0.0005 U	0.0005 U
MW-7	2/28/2013	WH7-130228-	0.01 U	--	0.906	--	0.001 U	--	0.003 U	--	8.43 D	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	5/16/2013	WH7-130516-	0.01 U	--	0.933	--	0.001 U	--	0.003 U	--	7.84	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	8/20/2013	WH7-130820-	0.01 U	--	1.1	--	0.001 U	--	0.003 U	--	8.86	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	11/19/2013	WH7-131119-	0.01 U	--	1.06	--	0.001 U	--	0.003 U	--	8.04	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	2/20/2014	WH7-140220-	0.01 U	--	0.914	--	0.001 U	--	0.003 U	--	7.87	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	5/22/2014	WH7-140522-	0.01 U	--	1	--	0.001 U	--	0.003 U	--	7.87	--	0.001 U	--	0.00201	--	0.004 U	--
MW-7	8/15/2014	WH7-140815-	0.01 U	--	0.904	--	0.001 U	--	0.003 U	--	8.27	--	0.001 U	--	0.002 U	--	0.004 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-7	12/2/2014	WH7-141202-	0.01 U	--	0.981	--	0.001 U	--	0.003 U	--	7.31	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	2/26/2015	WH7-150226-	0.01 U	--	1.04	--	0.001 U	--	0.003 U	--	7.68	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	5/22/2015	WH7-150522-	0.01 U	--	0.95 D	--	0.001 U	--	0.003 U	--	7.63	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	8/10/2015	WH7-150810-	0.01 U	--	0.977	--	0.001 U	--	0.003 U	--	7.47	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	11/10/2015	WH7-151110-	0.01 U	--	1.03	--	0.001 U	--	0.003 U	--	9.1 D	--	0.001 U	--	0.00217	--	0.004 U	--
MW-7	2/16/2016	WH7-160216-	0.01 U	--	0.907	--	0.001 U	--	0.003 U	--	7.66	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	5/24/2016	WH7-160524-	0.01 U	--	0.968	--	0.001 U	--	0.003 U	--	8.32	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	8/23/2016	WH7-160823-	0.01 U	--	0.989	--	0.001 U	--	0.003 U	--	7.19	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	12/12/2016	WH7-161212-	0.01 U	--	1.05	--	0.001 U	--	0.003 U	--	7.84	--	0.001 U	--	0.002 U	--	0.004 U	--
MW-7	2/21/2017	WH7-170221-	0.01 U	--	0.95	--	0.001 U	--	0.003 DU	--	7.53	--	0.001 DU	--	0.002 U	--	0.004 U	--
MW-7	6/14/2017	WH7-170614-	0.000166 D	--	0.981	--	0.0005 U	--	4E-05 U	--	8.26	--	0.0001 U	--	0.00207	--	0.0005 U	--
MW-7	8/24/2017	WH7-170824-	0.000159	--	1.03	--	0.0005 U	--	4E-05 U	--	8.33	--	0.0001 U	--	0.00209	--	0.0005 U	--
MW-7	12/1/2017	WH7-171201-	0.000163	--	1.03	--	0.0005 U	--	4E-05 U	--	8.13	--	0.0001 U	--	0.00203	--	0.0005 U	--
MW-7	3/1/2018	WH7-180301-	0.00013	--	0.98	--	0.0005 U	--	4E-05 U	--	8.11	--	0.0001 U	--	0.00207	--	0.0005 U	--
MW-7	5/29/2018	WH7-180529-	0.00018	--	1.05	--	0.0005 U	--	4E-05 DU	--	8.43	--	0.0001 U	--	0.00228	--	0.0005 U	--
MW-7	8/22/2018	WH7-180822-	0.000173	--	1.07	--	0.0005 U	--	4E-05 U	--	8.46	--	0.0001 U	--	0.00209	--	0.0005 U	--
MW-7	8/22/2018	WH7-180822D	0.000178	--	1.06	--	0.0005 U	--	4E-05 U	--	8.57	--	0.0001 U	--	0.00213	--	0.0005 U	--
MW-7	11/30/2018	WH7-181130-	0.000156	--	0.973	--	0.0005 U	--	4E-05 U	--	7.82	--	0.0001 U	--	0.00206	--	0.000654	--
MW-7	3/8/2019	WH7-190308-	0.000216	--	1.05	--	0.0005 U	--	4E-05 U	--	8.31	--	0.0001 U	--	0.00224	--	0.0005 U	--
MW-7	3/8/2019	WH7-190308D	0.000188	--	1.02	--	0.0005 U	--	4E-05 U	--	7.98	--	0.0001 U	--	0.00215	--	0.0005 U	--
MW-7	5/29/2019	WH7-190529-	0.000198	--	1.01	--	0.0005 U	--	4E-05 U	--	7.95	--	0.0001 U	--	0.00222	--	0.000672	--
MW-7	9/3/2019	WH7-190903-	0.000192	--	0.954	--	0.0005 U	--	4E-05 U	--	8.08	--	0.0001 U	--	0.00248	--	0.0005 U	--
MW-7	11/22/2019	WH7-191122-	0.000195	--	0.998	--	0.0005 U	--	4E-05 U	--	8.09	--	0.0001 U	--	0.00221 D	--	0.0005 U	--
MW-7	3/2/2020	WH7-200302-	0.000302	--	0.996	--	0.0005 U	--	4E-05 U	--	7.98	--	0.0001 U	--	0.00222 D	--	0.0005 U	--
MW-7	5/21/2020	WH7-200521-	0.000163	--	1.01	--	0.0005 U	--	4E-05 U	--	8.03	--	0.0001 U	--	0.00217	--	0.0005 U	--
MW-7	8/17/2020	WH7-200817-	0.000345	--	1.03	--	0.0005 U	--	4E-05 U	--	8.39	--	0.0001 U	--	0.00228	--	0.0005 U	--
MW-7	11/12/2020	WH7-201112-	0.000194	--	0.969	--	0.0005 U	--	4E-05 U	--	8.17	--	0.0001 U	--	0.00204	--	0.0005 U	--
MW-7	2/12/2021	WH7-210212-	0.000213	--	0.988	--	0.0005 U	--	4E-05 U	--	7.9	--	0.0001 U	--	0.00227	--	0.0005 U	--
MW-7	5/5/2021	WH7-210505-	0.000271	--	1.06	--	0.0005 U	--	4E-05 U	--	8.05	--	0.0001 U	--	0.0024	--	0.0005 U	--
MW-7	8/4/2021	WH7-210804-	0.000259	--	1.03	--	0.0005 U	--	4E-05 U	--	8.22	--	7.5E-05 U	--	0.00222	--	0.0005 U	--
MW-7	12/1/2021	WH7-211201-	0.000734	--	1.02	--	0.0005 U	--	4E-05 U	--	7.91	--	7.5E-05 U	--	0.00216	--	0.0024	--
MW-7	2/16/2022	WH7-220216-	0.00024	--	1.01	--	0.0005 U	--	4E-05 U	--	7.7	--	7.5E-05 U	--	0.00241	--	0.0005 U	--
MW-7	6/14/2022	WH7-220614-	0.000288	--	0.949	--	0.0005 U	--	4E-05 U	--	7.56	--	7.5E-05 U	--	0.00224	--	0.0005 U	--
MW-7	8/9/2022	WH7-220809-	0.000531	--	1.02	--	0.0005 U	--	4E-05 U	--	7.63	--	7.5E-05 U	--	0.00223	--	0.000558	--
MW-7	12/12/2022	WH7-221212-	0.000291	--	0.938	--	0.0005 U	--	4E-05 U	--	7.68	--	7.5E-05 U	--	0.0023	--	0.0005 U	--
MW-7	2/23/2023	WH7-230223-	0.00017	--	0.972	--	0.0005 U	--	4E-05 U	--	7.77	--	7.5E-05 U	--	0.00232	--	0.0005 U	--
MW-7	5/22/2023	WH7-230522-	0.000193	0.000179	0.948	1	0.0005 U	0.0005 U	4E-05 U	4E-05 U	8.04	8.33	7.5E-05 U	7.5E-05 U	0.00214	0.00216	0.0005 U	0.0005 U

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-7	8/30/2023	WH7-230830-	0.000181	0.00018	0.978	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	8.09	--	7.5E-05 U	7.5E-05 U	0.00238	0.00238	0.0005 U	0.0005 U
MW-25	2/25/2013	WH25130225-	0.01 U	--	0.532	--	0.001 U	--	0.003 U	--	5.42 D	--	0.001 U	--	0.00291	--	0.004 U	--
MW-25	5/28/2013	WH25130528-	0.01 U	--	0.49 T	--	0.001 U	--	0.003 DU	--	5.17	--	0.001 DU	--	0.00249	--	0.004 U	--
MW-25	8/19/2013	WH25130819-	0.01 U	--	0.565	--	0.001 U	--	0.003 U	--	5.47	--	0.001 U	--	0.0027	--	0.004 U	--
MW-25	11/21/2013	WH25131121-	0.01 U	--	0.528	--	0.001 U	--	0.003 U	--	5.08	--	0.001 U	--	0.00275	--	0.004 U	--
MW-25	2/25/2014	WH25140225-	0.01 U	--	0.501	--	0.001 U	--	0.003 U	--	4.76	--	0.001 U	--	0.00257	--	0.004 U	--
MW-25	6/4/2014	WH25140604-	0.01 DU	--	0.5 T	--	0.001 U	--	0.003 U	--	4.39 D	--	0.001 U	--	0.00254 D	--	0.004 U	--
MW-25	8/15/2014	WH25140815-	0.01 U	--	0.44 T	--	0.001 U	--	0.003 U	--	5.33	--	0.001 U	--	0.00246	--	0.004 U	--
MW-25	12/2/2014	WH25141202-	0.01 U	--	0.517	--	0.001 U	--	0.003 U	--	4.77	--	0.001 U	--	0.00272	--	0.004 U	--
MW-25	2/24/2015	WH25150224-	0.01 U	--	0.566	--	0.001 U	--	0.003 U	--	5.27	--	0.001 U	--	0.00272	--	0.004 U	--
MW-25	5/22/2015	WH25150522-	0.01 U	--	0.507 D	--	0.001 U	--	0.003 U	--	4.96	--	0.001 U	--	0.00247	--	0.004 U	--
MW-25	5/22/2015	WH25150522D	0.01 U	--	0.42 DT	--	0.001 U	--	0.003 U	--	5.07	--	0.001 U	--	0.00254	--	0.004 U	--
MW-25	8/10/2015	WH25150810-	0.01 U	--	0.51	--	0.001 U	--	0.003 U	--	4.83	--	0.001 U	--	0.0028	--	0.004 U	--
MW-25	11/12/2015	WH25151112-	0.01 U	--	0.538	--	0.001 U	--	0.003 U	--	5.98 D	--	0.001 U	--	0.00284	--	0.004 U	--
MW-25	2/12/2016	WH25160212-	0.01 U	--	0.48 T	--	0.001 U	--	0.003 U	--	5.06	--	0.001 U	--	0.00258	--	0.004 U	--
MW-25	5/25/2016	WH25160525-	0.01 U	--	0.519	--	0.001 U	--	0.003 U	--	5.42	--	0.001 U	--	0.00257	--	0.004 U	--
MW-25	8/29/2016	WH25160829-	0.01 U	--	0.544	--	0.001 U	--	0.003 U	--	5.14	--	0.001 U	--	0.00282	--	0.004 U	--
MW-25	12/15/2016	WH25161215-	0.01 U	--	0.584	--	0.001 U	--	0.003 U	--	5.26	--	0.001 U	--	0.00271	--	0.004 U	--
MW-25	12/15/2016	WH25161215D	0.01 U	--	0.623	--	0.001 U	--	0.003 U	--	5.42	--	0.001 U	--	0.00277	--	0.004 U	--
MW-25	2/22/2017	WH25170222-	0.01 U	--	0.545	--	0.001 U	--	0.003 U	--	5.36 D	--	0.001 U	--	0.00264	--	0.004 U	--
MW-25	6/7/2017	WH25170607-	0.0001 DU	--	0.526	--	0.0005 U	--	4E-05 U	--	5.47	--	0.0001 U	--	0.00275	--	0.0005 U	--
MW-25	8/24/2017	WH25170824-	0.0001 U	--	0.549	--	0.0005 U	--	4E-05 U	--	5.67	--	0.0001 U	--	0.00281	--	0.0005 U	--
MW-25	12/1/2017	WH25171201-	0.0001 U	--	0.55	--	0.0005 U	--	4E-05 U	--	5.5	--	0.0001 U	--	0.00273	--	0.0005 U	--
MW-25	3/1/2018	WH25180301-	0.0001 U	--	0.518	--	0.0005 U	--	4E-05 U	--	5.45	--	0.0001 U	--	0.00269	--	0.0005 U	--
MW-25	5/31/2018	WH25180531-	0.0001 U	--	0.577	--	0.0005 U	--	4E-05 DU	--	5.77	--	0.0001 U	--	0.00303	--	0.0005 U	--
MW-25	8/27/2018	WH25180827-	0.0001 U	--	0.579	--	0.0005 U	--	4E-05 U	--	5.61	--	0.0001 U	--	0.003 D	--	0.0005 U	--
MW-25	12/7/2018	WH25181207-	0.0001 U	--	0.55	--	0.0005 U	--	4E-05 U	--	5.34	--	0.0001 U	--	0.00312	--	0.0005 U	--
MW-25	3/11/2019	WH25190311-	0.0001 U	--	0.558	--	0.0005 U	--	4E-05 U	--	5.56	--	0.0001 U	--	0.00294	--	0.0005 U	--
MW-25	5/30/2019	WH25190530-	0.0001 U	--	0.551	--	0.0005 U	--	4E-05 U	--	5.5	--	0.0001 U	--	0.00289	--	0.000545	--
MW-25	9/3/2019	WH25190903-	0.0001 U	--	0.537	--	0.0005 U	--	4E-05 U	--	5.43	--	0.0001 U	--	0.00283	--	0.0005 U	--
MW-25	11/26/2019	WH25191126-	0.0001 U	--	0.55	--	0.0005 U	--	4E-05 U	--	5.44	--	0.0001 U	--	0.00286 D	--	0.0005 U	--
MW-25	11/26/2019	WH25191126D	0.0001 U	--	0.559	--	0.0005 U	--	4E-05 U	--	5.46	--	0.0001 U	--	0.00287 D	--	0.0005 U	--
MW-25	3/5/2020	WH25200305-	0.0001 U	--	0.556	--	0.0005 U	--	4E-05 U	--	5.65	--	0.0001 U	--	0.00289 D	--	0.0005 U	--
MW-25	5/26/2020	WH25200526-	0.0001 U	--	0.559	--	0.0005 U	--	4E-05 U	--	5.57	--	0.0001 U	--	0.00292	--	0.0005 U	--
MW-25	8/18/2020	WH25200818-	0.0001 U	--	0.567	--	0.0005 U	--	4E-05 U	--	5.64	--	0.0001 U	--	0.00281	--	0.0005 U	--
MW-25	11/9/2020	WH25201109-	0.000362	--	0.556	--	0.0005 U	--	4E-05 U	--	5.85	--	0.0001 U	--	0.00294	--	0.000867	--
MW-25	2/16/2021	WH25210216-	0.0001 U	--	0.555	--	0.0005 U	--	4E-05 U	--	5.66	--	0.0001 U	--	0.00291	--	0.0005 U	--

Table J-4
Groundwater - Historical Metals (Dissolved & Total)
January 1, 2013 - September 30, 2023

Groundwater - Metals (Dissolved & Total)			Nickel, Dissolved	Nickel, Total	Potassium, Dissolved	Potassium, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Sodium, Dissolved	Sodium, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Well #	Sample Date	Sample ID	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-25	5/5/2021	WH25210505-	0.0001 U	--	0.57	--	0.0005 U	--	4E-05 U	--	5.76	--	0.0001 U	--	0.00304	--	0.0005 U	--
MW-25	8/3/2021	WH25210803-	0.0001 U	--	0.574	--	0.0005 U	--	4E-05 U	--	5.77	--	7.5E-05 U	--	0.00289	--	0.0005 U	--
MW-25	12/1/2021	WH25211201-	0.0001 U	--	0.572	--	0.0005 U	--	4E-05 U	--	5.51	--	7.5E-05 U	--	0.003	--	0.000914	--
MW-25	2/16/2022	WH25220216-	0.0001 U	--	0.581	--	0.0005 U	--	4E-05 U	--	5.38	--	7.5E-05 U	--	0.00309	--	0.0005 U	--
MW-25	6/15/2022	WH25220615-	0.0001 U	--	0.538	--	0.0005 U	--	4E-05 U	--	5.25	--	7.5E-05 U	--	0.00284	--	0.0005 U	--
MW-25	8/11/2022	WH25220811-	0.000106	--	0.58	--	0.0005 U	--	4E-05 U	--	5.44	--	7.5E-05 U	--	0.00296	--	0.000804	--
MW-25	12/12/2022	WH25221212-	0.000127	--	0.551	--	0.0005 U	--	4E-05 U	--	5.57	--	7.5E-05 U	--	0.0029	--	0.000504	--
MW-25	12/12/2022	WH25221212D	0.0001 U	--	0.548	--	0.0005 U	--	4E-05 U	--	5.55	--	7.5E-05 U	--	0.00291	--	0.0005 U	--
MW-25	2/22/2023	WH25230222-	0.0001 U	--	0.528	--	0.0005 U	--	4E-05 U	--	5.76	--	7.5E-05 U	--	0.00291	--	0.0005 U	--
MW-25	5/22/2023	WH25230522-	0.0001 U	0.0001 U	0.537	0.517	0.0005 U	0.0005 U	4E-05 U	4E-05 U	5.76	6.08	7.5E-05 U	7.5E-05 U	0.00277	0.00281	0.0005 U	0.0005 U
MW-25	5/22/2023	WH25230522D	0.0001 U	0.0001 U	0.539	0.51	0.0005 U	0.0005 U	4E-05 U	4E-05 U	5.92	6.01	7.5E-05 U	7.5E-05 U	0.00279	0.00276	0.0005 U	0.0005 U
MW-25	8/31/2023	WH25230831-	0.0001 U	0.0001 U	0.569	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	5.93	--	7.5E-05 U	7.5E-05 U	0.00297	0.00286	0.0005 U	0.0005 U
Field Blanks																		
FIELD BLANK	11/21/2013	WH25131121F	0.01 U	--	0.3 U	--	0.001 U	--	0.003 U	--	0.518	--	0.001 U	--	0.002 U	--	0.004 U	--
FIELD BLANK	2/20/2014	WH7-140220F	0.01 U	--	0.3 U	--	0.001 U	--	0.003 U	--	0.529	--	0.001 U	--	0.002 U	--	0.004 U	--
FIELD BLANK	5/28/2014	WH3-140528F	0.01 U	--	0.3 U	--	0.001 U	--	0.003 U	--	0.313	--	0.001 U	--	0.002 U	--	0.004 U	--
FIELD BLANK	12/2/2014	WH4-141202F	0.01 U	--	0.3 U	--	0.001 U	--	0.003 U	--	0.349	--	0.001 U	--	0.002 U	--	0.004 U	--
FIELD BLANK	8/13/2015	WH11150813F	0.01 U	--	0.3 U	--	0.001 U	--	0.003 U	--	0.05 U	--	0.001 U	--	0.002 U	--	0.004 U	--
FIELD BLANK	5/23/2016	WH4-160523F	0.01 U	--	0.3 U	--	0.001 U	--	0.003 U	--	0.05 U	--	0.001 U	--	0.002 U	--	0.004 U	--
FIELD BLANK	6/14/2017	WH7-170614F	0.0001 DU	--	0.1 U	--	0.0005 U	--	4E-05 U	--	0.1 U	--	0.0001 U	--	7.5E-05 U	--	0.0005 U	--
FIELD BLANK	8/28/2017	WH10170828F	0.0001 U	--	0.1 U	--	0.0005 U	--	4E-05 U	--	0.1 U	--	0.0001 U	--	7.5E-05 U	--	0.0005 U	--
FIELD BLANK	5/31/2018	WH18180531F	0.0001 U	--	0.1 U	--	0.0005 U	--	4E-05 DU	--	0.1 U	--	0.0001 U	--	9.42E-05	--	0.000904	--
FIELD BLANK	11/30/2018	WH7-181130F	0.0001 U	--	0.1 U	--	0.0005 U	--	4E-05 U	--	0.1 U	--	0.0001 U	--	0.000108	--	0.000657 J	--
FIELD BLANK	3/2/2020	WH7-200302F	0.000155	--	0.1 U	--	0.0005 U	--	4E-05 U	--	0.1 U	--	0.0001 U	--	7.5E-05 DU	--	0.00108	--
FIELD BLANK	8/17/2020	WH3-200817F	0.0001 U	--	0.1 U	--	0.0005 U	--	4E-05 U	--	0.1 U	--	0.0001 U	--	9.03E-05	--	0.00056	--
FIELD BLANK	11/12/2020	WH7-201112F	0.0001 U	--	0.1 U	--	0.0005 U	--	4E-05 U	--	0.1 U	--	0.0001 U	--	7.5E-05 U	--	0.0005 U	--
FIELD BLANK	8/3/2021	WH11210803F	0.0001 U	--	0.1 U	--	0.0005 U	--	4E-05 U	--	0.1 U	--	7.5E-05 U	--	0.000184	--	0.0005 U	--
FIELD BLANK	2/16/2022	WH7-220216F	0.0001 U	--	0.1 U	--	0.0005 U	--	4E-05 U	--	0.1 U	--	7.5E-05 U	--	0.000218	--	0.0005 U	--
FIELD BLANK	6/14/2022	WH26220614F	0.0001 U	--	0.1 U	--	0.0005 U	--	4E-05 U	--	0.1 U	--	7.5E-05 U	--	7.5E-05 U	--	0.0005 U	--
FIELD BLANK	9/1/2023	WH6-230901F	0.0001 U	0.0001 U	0.1 U	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U	0.1 U	--	7.5E-05 U	7.5E-05 U	0.000181	7.5E-05 U	0.0005 U	0.0005 U

Notes:

-- = parameter was not sampled for

See Appendix A for qualifier definitions.

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Shallow Aquifer																			
MW-1	2/28/2013	WH1-130228-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	2/28/2013	WH1-130228D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	5/16/2013	WH1-130516-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	8/20/2013	WH1-130820-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	11/19/2013	WH1-131119-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	2/20/2014	WH1-140220-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	5/27/2014	WH1-140527-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	8/20/2014	WH1-140820-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	12/3/2014	WH1-141203-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	2/25/2015	WH1-150225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	5/22/2015	WH1-150522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	8/11/2015	WH1-150811-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	11/10/2015	WH1-151110-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	2/16/2016	WH1-160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	5/24/2016	WH1-160524-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	8/23/2016	WH1-160823-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	12/12/2016	WH1-161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	2/21/2017	WH1-170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-1	6/9/2017	WH1-170609-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	8/24/2017	WH1-170824-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	12/1/2017	WH1-171201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	3/1/2018	WH1-180301-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	5/29/2018	WH1-180529-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	8/28/2018	WH1-180828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	11/30/2018	WH1-181130-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	3/8/2019	WH1-190308-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	5/29/2019	WH1-190529-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	5/29/2019	WH1-190529D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	8/28/2019	WH1-190828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	8/28/2019	WH1-190828D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	11/22/2019	WH1-191122-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	3/2/2020	WH1-200302-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	5/21/2020	WH1-200521-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	8/17/2020	WH1-200817-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	11/12/2020	WH1-201112-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	2/12/2021	WH1-210212-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	5/5/2021	WH1-210505-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	5/5/2021	WH1-210505D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	8/4/2021	WH1-210804-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	12/1/2021	WH1-211201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	2/16/2022	WH1-220216-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	6/14/2022	WH1-220614-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	8/9/2022	WH1-220809-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	12/12/2022	WH1-221212-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	2/23/2023	WH1-230223-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	5/22/2023	WH1-230522-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-1	8/30/2023	WH1-230830-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	3/1/2013	WH4-130301-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	5/23/2013	WH4-130523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	8/22/2013	WH4-130822-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	11/21/2013	WH4-131121-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	2/25/2014	WH4-140225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	5/27/2014	WH4-140527-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	8/15/2014	WH4-140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	12/2/2014	WH4-141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	2/24/2015	WH4-150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	6/3/2015	WH4-150603-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	8/11/2015	WH4-150811-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	11/24/2015	WH4-151124-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	2/12/2016	WH4-160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	2/12/2016	WH4-160212D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	5/23/2016	WH4-160523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	8/24/2016	WH4-160824-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	12/12/2016	WH4-161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	2/21/2017	WH4-170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-4	6/8/2017	WH4-170608-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	8/25/2017	WH4-170825-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	12/1/2017	WH4-171201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	3/1/2018	WH4-180301-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	5/29/2018	WH4-180529-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	8/27/2018	WH4-180827-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-4	12/5/2018	WH4-181205-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	3/8/2019	WH4-190308-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	5/30/2019	WH4-190530-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	8/28/2019	WH4-190828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	11/22/2019	WH4-191122-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	3/4/2020	WH4-200304-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	5/21/2020	WH4-200521-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	5/21/2020	WH4-200521D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	8/17/2020	WH4-200817-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	11/9/2020	WH4-201109-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	2/8/2021	WH4-210208-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	5/5/2021	WH4-210505-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	8/2/2021	WH4-210802-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	11/30/2021	WH4-211130-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	2/16/2022	WH4-220216-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	6/14/2022	WH4-220614-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	8/12/2022	WH4-220812-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	12/12/2022	WH4-221212-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	2/22/2023	WH4-230222-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	5/22/2023	WH4-230522-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-4	8/30/2023	WH4-230830-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	2/27/2013	WH6-130227-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	5/23/2013	WH6-130523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	5/23/2013	WH6-130523D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	8/27/2013	WH6-130827-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	11/25/2013	WH6-131125-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	2/24/2014	WH6-140224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	5/30/2014	WH6-140530-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	8/15/2014	WH6-140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	12/2/2014	WH6-141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	2/24/2015	WH6-150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	6/3/2015	WH6-150603-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	8/13/2015	WH6-150813-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	11/20/2015	WH6-151120-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	2/16/2016	WH6-160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	5/25/2016	WH6-160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-6	8/29/2016	WH6-160829-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	8/29/2016	WH6-160829D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	12/12/2016	WH6-161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	2/22/2017	WH6-170222-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	2/22/2017	WH6-170222D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-6	6/9/2017	WH6-170609-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	8/28/2017	WH6-170828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	12/4/2017	WH6-171204-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	12/4/2017	WH6-171204D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	3/2/2018	WH6-180302-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	3/2/2018	WH6-180302D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	5/31/2018	WH6-180531-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	8/28/2018	WH6-180828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	12/5/2018	WH6-181205-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	3/8/2019	WH6-190308-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	5/29/2019	WH6-190529-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	8/28/2019	WH6-190828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	11/26/2019	WH6-191126-	0.25 U	0.114 JT	0.1 U	0.1 U	0.104 JT	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	3/4/2020	WH6-200305-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	5/26/2020	WH6-200526-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	8/17/2020	WH6-200817-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	11/10/2020	WH6-201110-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	2/9/2021	WH6-210209-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	5/6/2021	WH6-210506-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	8/3/2021	WH6-210803-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	12/1/2021	WH6-211201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	2/17/2022	WH6-220217-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	6/14/2022	WH6-220614-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	8/12/2022	WH6-220812-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	12/12/2022	WH6-221212-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	2/23/2023	WH6-230223-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	5/22/2023	WH6-230522-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-6	9/1/2023	WH6-230901-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	2/28/2013	WH10130228-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	5/21/2013	WH10130521-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	8/20/2013	WH10130820-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-10	11/26/2013	WH10131126-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	2/19/2014	WH10140219-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	6/2/2014	WH10140602-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	8/15/2014	WH10140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	12/3/2014	WH10141203-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	2/24/2015	WH10150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	5/18/2015	WH10150518-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	8/10/2015	WH10150810-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	11/20/2015	WH10151120-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	2/16/2016	WH10160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	5/25/2016	WH10160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	8/24/2016	WH10160824-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	12/12/2016	WH10161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	2/21/2017	WH10170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-10	6/9/2017	WH10170609-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	8/28/2017	WH10170828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	12/4/2017	WH10171204-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	2/26/2018	WH10180226-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	5/31/2018	WH10180531-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	8/28/2018	WH10180828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	12/7/2018	WH10181207-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	3/8/2019	WH10190308-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	5/30/2019	WH10190530-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	8/28/2019	WH10190828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	11/22/2019	WH10191122-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	3/4/2020	WH10200305-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	5/26/2020	WH10200526-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	8/18/2020	WH10200818-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	11/12/2020	WH10201112-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	2/11/2021	WH10210211-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	2/11/2021	WH10210211D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	5/7/2021	WH10210507-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	8/3/2021	WH10210803-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	12/1/2021	WH10211201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	2/17/2022	WH10220217-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	6/15/2022	WH10220615-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-10	8/11/2022	WH10220811-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	12/12/2022	WH10221212-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	2/22/2023	WH10230222-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	5/23/2023	WH10230523-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-10	8/31/2023	WH10230831-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	2/27/2013	WH11130227-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	5/21/2013	WH11130521-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	8/22/2013	WH11130822-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	11/25/2013	WH11131125-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	2/28/2014	WH11140228-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	5/12/2014	WH11140512-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	8/15/2014	WH11140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	12/2/2014	WH11141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	2/24/2015	WH11150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	5/18/2015	WH11150518-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	8/13/2015	WH11150813-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	11/12/2015	WH11151112-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	2/16/2016	WH11160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	5/25/2016	WH11160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	8/24/2016	WH11160824-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	12/12/2016	WH11161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	2/24/2017	WH11170224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-11	6/7/2017	WH11170607-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	8/24/2017	WH11170824-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	12/1/2017	WH11171201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	3/1/2018	WH11180301-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	5/29/2018	WH11180529-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	8/27/2018	WH11180827-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	12/5/2018	WH11181205-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	3/11/2019	WH11190311-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	5/30/2019	WH11190530-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	8/28/2019	WH11190828-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	11/22/2019	WH11191122-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	3/4/2020	WH11200304-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	5/26/2020	WH11200526-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	8/18/2020	WH11200818-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-11	11/10/2020	WH11201110-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	2/11/2021	WH11210211-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	5/5/2021	WH11210505-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	8/3/2021	WH11210803-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	11/30/2021	WH11211130-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	2/17/2022	WH11220217-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	6/15/2022	WH11220615-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	8/11/2022	WH11220811-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	12/12/2022	WH11221212-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	2/22/2023	WH11230222-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	2/22/2023	WH11230222D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	5/22/2023	WH11230522-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-11	8/31/2023	WH11230831-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	2/26/2013	WH18130226-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	5/15/2013	WH18130515-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	11/15/2013	WH18131115-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	2/24/2014	WH18140224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	6/2/2014	WH18140602-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	8/21/2014	WH18140821-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	8/21/2014	WH18140821D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	12/3/2014	WH18141203-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	2/24/2015	WH18150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	5/22/2015	WH18150522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	12/2/2015	WH18151202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	2/12/2016	WH18160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	5/23/2016	WH18160523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	12/15/2016	WH18161215-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	2/24/2017	WH18170224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-18	6/16/2017	WH18170616-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	8/25/2017	WH18170825-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	12/1/2017	WH18171201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	3/1/2018	WH18180301-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	5/31/2018	WH18180531-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	12/7/2018	WH18181207-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	3/11/2019	WH18190311-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	5/30/2019	WH18190530-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-18	3/6/2020	WH18200306-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	5/26/2020	WH18200526-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	2/10/2021	WH18210210-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	5/6/2021	WH18210506-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	11/30/2021	WH18211130-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	2/17/2022	WH18220217-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	6/15/2022	WH18220615-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	8/12/2022	WH18220812-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	12/13/2022	WH18221213-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	2/22/2023	WH18230222-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-18	5/22/2023	WH18230522-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	12/24/2019	WH26191224-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 GU	0.1 GU	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 GU	0.1 U	--	--	0.1 U	--
MW-26	3/5/2020	WH26200305-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	5/26/2020	WH26200526-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	8/18/2020	WH26200818-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	11/9/2020	WH26201109-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	2/9/2021	WH26210209-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	5/5/2021	WH26210505-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	8/2/2021	WH26210802-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	11/30/2021	WH26211130-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	11/30/2021	WH26211130D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	2/17/2022	WH26220217-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	6/14/2022	WH26220614-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	8/12/2022	WH26220812-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	8/12/2022	WH26220812D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	12/13/2022	WH26221213-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	2/22/2023	WH26230222-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-26	5/22/2023	WH26230522-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-26	8/31/2023	WH26230831-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
Deep Aquifer																			
MW-3	3/1/2013	WH3-130301-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	5/22/2013	WH3-130522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	8/27/2013	WH3-130827-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	11/20/2013	WH3-131120-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	2/24/2014	WH3-140224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	2/24/2014	WH3-140224D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	5/28/2014	WH3-140528-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	8/19/2014	WH3-140819-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	11/25/2014	WH3-141125-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	2/25/2015	WH3-150225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	6/3/2015	WH3-150603-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	8/11/2015	WH3-150811-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	11/20/2015	WH3-151120-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	2/12/2016	WH3-160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	5/24/2016	WH3-160524-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	8/24/2016	WH3-160824-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	12/9/2016	WH3-161209-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	2/21/2017	WH3-170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-3	6/7/2017	WH3-170607-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	8/25/2017	WH3-170825-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	12/1/2017	WH3-171201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	3/1/2018	WH3-180301-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	5/24/2018	WH3-180524-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	8/27/2018	WH3-180827-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	12/5/2018	WH3-181205-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	3/8/2019	WH3-190308-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	5/30/2019	WH3-190530-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	9/3/2019	WH3-190903-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	11/22/2019	WH3-191122-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	3/4/2020	WH3-200304-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	5/21/2020	WH3-200521-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	8/17/2020	WH3-200817-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	11/9/2020	WH3-201109-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	2/8/2021	WH3-210208-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	5/6/2021	WH3-210506-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichloropropane	1,2-Dibromo-3-Chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-3	8/2/2021	WH3-210802-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	11/30/2021	WH3-211130-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	2/16/2022	WH3-220216-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	6/14/2022	WH3-220614-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	8/11/2022	WH3-220811-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	12/12/2022	WH3-221212-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	2/22/2023	WH3-230222-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	5/22/2023	WH3-230522-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-3	8/30/2023	WH3-230830-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	2/28/2013	WH7-130228-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	5/16/2013	WH7-130516-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	8/20/2013	WH7-130820-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	11/19/2013	WH7-131119-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	2/20/2014	WH7-140220-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	5/22/2014	WH7-140522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	8/15/2014	WH7-140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	12/2/2014	WH7-141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	2/26/2015	WH7-150226-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	5/22/2015	WH7-150522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	8/10/2015	WH7-150810-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	11/10/2015	WH7-151110-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	2/16/2016	WH7-160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	5/24/2016	WH7-160524-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	8/23/2016	WH7-160823-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	12/12/2016	WH7-161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	2/21/2017	WH7-170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-7	6/14/2017	WH7-170614-	0.25 U	0.1 U	0.1 U	0.1 U	0.11 JT	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	8/24/2017	WH7-170824-	0.25 U	0.1 U	0.1 U	0.1 U	0.12 JT	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	12/1/2017	WH7-171201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 JT	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	3/1/2018	WH7-180301-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 JT	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	5/29/2018	WH7-180529-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	8/22/2018	WH7-180822-	0.25 U	0.1 U	0.1 U	0.1 U	0.102 JT	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	8/22/2018	WH7-180822D	0.25 U	0.1 U	0.1 U	0.1 U	0.105 JT	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	11/30/2018	WH7-181130-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	3/8/2019	WH7-190308-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	3/8/2019	WH7-190308D	0.25 U	0.1 U	0.1 U	0.1 U	0.108 JT	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	5/29/2019	WH7-190529-	0.25 U	0.1 U	0.1 U	0.1 U	0.101 JT	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-7	9/3/2019	WH7-190903-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	11/22/2019	WH7-191122-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	3/2/2020	WH7-200302-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	5/21/2020	WH7-200521-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	8/17/2020	WH7-200817-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	11/12/2020	WH7-201112-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	2/12/2021	WH7-210212-	0.25 U	0.1 U	0.1 U	0.1 U	0.117 JT	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	5/5/2021	WH7-210505-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	8/4/2021	WH7-210804-	0.25 U	0.1 U	0.1 U	0.1 U	0.108 JT	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	12/1/2021	WH7-211201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	2/16/2022	WH7-220216-	0.25 U	0.1 U	0.1 U	0.1 U	0.104 JT	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	6/14/2022	WH7-220614-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	8/9/2022	WH7-220809-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	12/12/2022	WH7-221212-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	2/23/2023	WH7-230223-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	5/22/2023	WH7-230522-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-7	8/30/2023	WH7-230830-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	2/25/2013	WH25130225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	5/28/2013	WH25130528-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	8/19/2013	WH25130819-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	11/21/2013	WH25131121-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	2/25/2014	WH25140225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	6/4/2014	WH25140604-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	8/15/2014	WH25140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	12/2/2014	WH25141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	2/24/2015	WH25150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	5/22/2015	WH25150522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	5/22/2015	WH25150522D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	8/10/2015	WH25150810-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	11/12/2015	WH25151112-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	2/12/2016	WH25160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	5/25/2016	WH25160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	8/29/2016	WH25160829-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	12/15/2016	WH25161215-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	12/15/2016	WH25161215D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	2/22/2017	WH25170222-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
MW-25	6/7/2017	WH25170607-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-25	8/24/2017	WH25170824-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	12/1/2017	WH25171201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	3/1/2018	WH25180301-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	5/31/2018	WH25180531-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	8/27/2018	WH25180827-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	12/7/2018	WH25181207-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	3/11/2019	WH25190311-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	5/30/2019	WH25190530-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	9/3/2019	WH25190903-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	11/26/2019	WH25191126-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	11/26/2019	WH25191126D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	3/5/2020	WH25200305-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	5/26/2020	WH25200526-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	8/18/2020	WH25200818-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	11/9/2020	WH25201109-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	2/16/2021	WH25210216-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	5/5/2021	WH25210505-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	8/3/2021	WH25210803-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	12/1/2021	WH25211201-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	2/16/2022	WH25220216-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	6/15/2022	WH25220615-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	8/11/2022	WH25220811-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	12/12/2022	WH25221212-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	12/12/2022	WH25221212D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	2/22/2023	WH25230222-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	5/22/2023	WH25230522-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	5/22/2023	WH25230522D	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
MW-25	8/31/2023	WH25230831-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
Field Blanks																			
FIELD BLANK	11/21/2013	WH25131121F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
FIELD BLANK	2/20/2014	WH7-140220F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
FIELD BLANK	5/28/2014	WH3-140528F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
FIELD BLANK	12/2/2014	WH4-141202F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
FIELD BLANK	8/13/2015	WH11150813F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
FIELD BLANK	5/23/2016	WH4-160523F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
FIELD BLANK	6/14/2017	WH7-170614F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
FIELD BLANK	8/28/2017	WH10170828F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
FIELD BLANK	5/31/2018	WH18180531F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
FIELD BLANK	11/30/2018	WH7-181130F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
FIELD BLANK	3/2/2020	WH7-200302F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
FIELD BLANK	8/17/2020	WH3-200817F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
FIELD BLANK	11/12/2020	WH7-201112F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
FIELD BLANK	8/3/2021	WH11210803F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
FIELD BLANK	2/16/2022	WH7-220216F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
FIELD BLANK	6/14/2022	WH26220614F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
FIELD BLANK	9/1/2023	WH6-230901F	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
Volatile Organic Compounds Trip Blanks																			
VOA TRIP BLANK	2/22/2013	VTRP130225C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/25/2013	VTRP130226B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/26/2013	VTRP130227B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/27/2013	VTRP130228B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/28/2013	VTRP130301B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/13/2013	VTRP130515L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/15/2013	VTRP130516B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/20/2013	VTRP130521B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/21/2013	VTRP130522B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/22/2013	VTRP130523B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/25/2013	VTRP130528B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/16/2013	VTRP130819B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/19/2013	VTRP130820B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/21/2013	VTRP130822B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/23/2013	VTRP130827C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/14/2013	VTRP131115B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/15/2013	VTRP131119B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/19/2013	VTRP131120B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/20/2013	VTRP131121B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/22/2013	VTRP131125C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/25/2013	VTRP131126C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/18/2014	VTRP140219L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/19/2014	VTRP140220B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/21/2014	VTRP140224B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/21/2014	VTRP140224C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/24/2014	VTRP140225B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/27/2014	VTRP140228C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/6/2014	VTRP140512C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/21/2014	VTRP140522C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/21/2014	VTRP140527B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/27/2014	VTRP140528B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/29/2014	VTRP140530B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/30/2014	VTRP140602B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	6/2/2014	VTRP140604B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/14/2014	VTRP140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/14/2014	VTRP140815C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/15/2014	VTRP140815B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/18/2014	VTRP140819C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/19/2014	VTRP140820C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/20/2014	VTRP140821C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/24/2014	VTRP141125C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	12/1/2014	VTRP141202B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	12/1/2014	VTRP141202C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	12/2/2014	VTRP141203C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	12/2/2014	VTRP141203L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/23/2015	VTRP150224B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/23/2015	VTRP150224C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/23/2015	VTRP150224P	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/23/2015	VTRP150225C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/24/2015	VTRP150225B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/25/2015	VTRP150226B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	4/15/2015	VTRP150416-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	4/15/2015	VTRP150416L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/14/2015	VTRP150518C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/19/2015	VTRP150522C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/21/2015	VTRP150522B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	6/2/2015	VTRP150603B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	6/2/2015	VTRP150603C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/7/2015	VTRP150810B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/7/2015	VTRP150810C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/10/2015	VTRP150811C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/12/2015	VTRP150813C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/13/2015	VTRP150813B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/9/2015	VTRP151110C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	11/10/2015	VTRP151112C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/12/2015	VTRP151120C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/19/2015	VTRP151120B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/23/2015	VTRP151124B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	1/11/2016	VTRP160112-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/10/2016	VTRP160212C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/11/2016	VTRP160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/12/2016	VTRP160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/12/2016	VTRP160216C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/20/2016	VTRP160523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/23/2016	VTRP160524-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/23/2016	VTRP160524C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/24/2016	VTRP160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/24/2016	VTRP160525C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/18/2016	VTRP160822-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/18/2016	VTRP160823-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/18/2016	VTRP160825-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/22/2016	VTRP160823Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/22/2016	VTRP160824Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	8/23/2016	VTRP160829Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	11/10/2016	VTRP161114-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/10/2016	VTRP161115-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/8/2016	VTRP161209X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	12/8/2016	VTRP161212X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	12/8/2016	VTRP161212Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	12/14/2016	VTRP161215X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/16/2017	VTRP170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/16/2017	VTRP170222-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/16/2017	VTRP170223-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/17/2017	VTRP170221X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/17/2017	VTRP170221Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/21/2017	VTRP170222Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	2/22/2017	VTRP170224X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	0.2 U	--
VOA TRIP BLANK	5/18/2017	VTRP170523-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/18/2017	VTRP170524-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/18/2017	VTRP170525-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	6/2/2017	VTRP170607Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	6/5/2017	VTRP170608X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	6/7/2017	VTRP170609Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	6/8/2017	VTRP170614Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	6/12/2017	VTRP170616Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/23/2017	VTRP170824X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/23/2017	VTRP170824Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/24/2017	VTRP170825X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/24/2017	VTRP170825Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/25/2017	VTRP170828Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/28/2017	VTRP171201X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/29/2017	VTRP171201Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	12/1/2017	VTRP171204Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/21/2018	VTRP180226Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/25/2018	VTRP180301Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/28/2018	VTRP180301X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	3/1/2018	VTRP180302Y2	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/23/2018	VTRP180529X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/24/2018	VTRP180524Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/29/2018	VTRP180529Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/29/2018	VTRP180531Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/31/2018	VTRP180531X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/21/2018	VTRP180822X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/21/2018	VTRP180827Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/23/2018	VTRP180827X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/27/2018	VTRP180828X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/27/2018	VTRP180828Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/29/2018	VTRP181130Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/29/2018	VTRP181205Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	12/6/2018	VTRP181207Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	3/7/2019	VTRP190308X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	3/7/2019	VTRP190308Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	3/8/2019	VTRP190311X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	3/8/2019	VTRP190311Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/27/2019	VTRP190529Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/29/2019	VTRP190530X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/29/2019	VTRP190530Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/29/2019	VTRP190530Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	8/26/2019	VTRP190828Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/26/2019	VTRP190828Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/28/2019	VTRP190903Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/19/2019	VTRP191120X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/21/2019	VTRP191122Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/22/2019	VTRP191122Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/25/2019	VTRP191126Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	12/24/2019	VTRP191224X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/26/2020	VTRP200304Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	3/2/2020	VTRP200302Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	3/2/2020	VTRP200305Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	3/4/2020	VTRP200305Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	3/4/2020	VTRP200306Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/20/2020	VTRP200521X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/20/2020	VTRP200521Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/20/2020	VTRP200526X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/21/2020	VTRP200526Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/21/2020	VTRP200527X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/13/2020	VTRP200817Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/17/2020	VTRP200817X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/17/2020	VTRP200817Y2	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/17/2020	VTRP200817Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/17/2020	VTRP200818X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/17/2020	VTRP200818Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	9/15/2020	VTRP200917Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.02 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/5/2020	VTRP201109X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/5/2020	VTRP201109Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/5/2020	VTRP201109Y2	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/9/2020	VTRP201110Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/10/2020	VTRP201112-	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/10/2020	VTRP201112Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/5/2021	VTRP210208X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/8/2021	VTRP210209X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/9/2021	VTRP210210Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/9/2021	VTRP210211Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/10/2021	VTRP210212Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/12/2021	VTRP210216Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/3/2021	VTRP210505Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/4/2021	VTRP210505X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/5/2021	VTRP210506X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/5/2021	VTRP210506Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/5/2021	VTRP210505Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/6/2021	VTRP210507Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	7/29/2021	VTRP210802X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	7/29/2021	VTRP210802Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/2/2021	VTRP210803X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/2/2021	VTRP210803Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/3/2021	VTRP210804Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/24/2021	VTRP211130X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/24/2021	VTRP211130Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/24/2021	VTRP211130Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/30/2021	VTRP211201X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	11/30/2021	VTRP211201Z2	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/11/2022	VTRP220216X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/11/2022	VTRP220216Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/11/2022	VTRP220217Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/16/2022	VTRP220217X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	6/10/2022	VTRP220614Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	6/10/2022	VTRP220614Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	6/14/2022	VTRP220615Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	6/14/2022	VTRP220615Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/4/2022	VTRP220809Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/4/2022	VTRP220811Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/10/2022	VTRP220811X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/10/2022	VTRP220812Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/11/2022	VTRP220812X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	12/8/2022	VTRP221212X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	12/8/2022	VTRP221212Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	12/8/2022	VTRP221212Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	12/12/2022	VTRP221213Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/21/2023	VTRP230222Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/21/2023	VTRP230222Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	2/22/2023	VTRP230223Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/17/2023	VTRP230522X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,3-Dichloro-benzene	1,3-Dichloro-propane	1,4-Dichloro-benzene	2,2-Dichloro-propane
	CAS #		630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	563-58-6	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	541-73-1	142-28-9	106-46-7	594-20-7
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/18/2023	VTRP230522Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/18/2023	VTRP230522Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	5/22/2023	VTRP230523Y	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/29/2023	VTRP230830Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/29/2023	VTRP230831Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/30/2023	VTRP230831X	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--
VOA TRIP BLANK	8/30/2023	VTRP230901Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	2.5 U	0.005 U	0.1 U	0.1 U	0.1 U	--	--	0.1 U	--

Notes:

-- = parameter was not sampled for

See Appendix A for qualifier definitions.

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Shallow Aquifer																		
MW-1	2/28/2013	WH1-130228-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	2/28/2013	WH1-130228D	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	5/16/2013	WH1-130516-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	8/20/2013	WH1-130820-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	11/19/2013	WH1-131119-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	2/20/2014	WH1-140220-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	5/27/2014	WH1-140527-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	8/20/2014	WH1-140820-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	12/3/2014	WH1-141203-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	2/25/2015	WH1-150225-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	5/22/2015	WH1-150522-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	8/11/2015	WH1-150811-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	11/10/2015	WH1-151110-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	2/16/2016	WH1-160216-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	5/24/2016	WH1-160524-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	8/23/2016	WH1-160823-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	12/12/2016	WH1-161212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	2/21/2017	WH1-170221-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-1	6/9/2017	WH1-170609-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	8/24/2017	WH1-170824-	0.25 U	0.5 U	--	--	2.5 U	5.11 J	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.15 JT	0.25 U
MW-1	12/1/2017	WH1-171201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	3/1/2018	WH1-180301-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	5/29/2018	WH1-180529-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	8/28/2018	WH1-180828-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	11/30/2018	WH1-181130-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	3/8/2019	WH1-190308-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	5/29/2019	WH1-190529-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	5/29/2019	WH1-190529D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	8/28/2019	WH1-190828-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	8/28/2019	WH1-190828D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	11/22/2019	WH1-191122-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	3/2/2020	WH1-200302-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	5/21/2020	WH1-200521-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	8/17/2020	WH1-200817-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	11/12/2020	WH1-201112-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	2/12/2021	WH1-210212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	5/5/2021	WH1-210505-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	5/5/2021	WH1-210505D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	8/4/2021	WH1-210804-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	12/1/2021	WH1-211201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	2/16/2022	WH1-220216-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	6/14/2022	WH1-220614-	1 U	0.5 U	--	--	2.5 U	23.2	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	8/9/2022	WH1-220809-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	12/12/2022	WH1-221212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	2/23/2023	WH1-230223-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	5/22/2023	WH1-230522-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-1	8/30/2023	WH1-230830-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	3/1/2013	WH4-130301-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	5/23/2013	WH4-130523-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	8/22/2013	WH4-130822-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	11/21/2013	WH4-131121-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	2/25/2014	WH4-140225-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	5/27/2014	WH4-140527-	4 GU	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	8/15/2014	WH4-140815-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	12/2/2014	WH4-141202-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	2/24/2015	WH4-150224-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	6/3/2015	WH4-150603-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	8/11/2015	WH4-150811-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	11/24/2015	WH4-151124-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	2/12/2016	WH4-160212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	2/12/2016	WH4-160212D	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	5/23/2016	WH4-160523-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	8/24/2016	WH4-160824-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	12/12/2016	WH4-161212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	2/21/2017	WH4-170221-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-4	6/8/2017	WH4-170608-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	8/25/2017	WH4-170825-	0.25 U	0.5 U	--	--	2.5 U	2.7 JT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	12/1/2017	WH4-171201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	3/1/2018	WH4-180301-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	5/29/2018	WH4-180529-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	8/27/2018	WH4-180827-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-4	12/5/2018	WH4-181205-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	3/8/2019	WH4-190308-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	5/30/2019	WH4-190530-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	8/28/2019	WH4-190828-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	11/22/2019	WH4-191122-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	3/4/2020	WH4-200304-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	5/21/2020	WH4-200521-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	5/21/2020	WH4-200521D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	8/17/2020	WH4-200817-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	11/9/2020	WH4-201109-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	2/8/2021	WH4-210208-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	5/5/2021	WH4-210505-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	8/2/2021	WH4-210802-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	11/30/2021	WH4-211130-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	2/16/2022	WH4-220216-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	6/14/2022	WH4-220614-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	8/12/2022	WH4-220812-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	12/12/2022	WH4-221212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	2/22/2023	WH4-230222-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	5/22/2023	WH4-230522-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-4	8/30/2023	WH4-230830-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	2/27/2013	WH6-130227-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	5/23/2013	WH6-130523-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	5/23/2013	WH6-130523D	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	8/27/2013	WH6-130827-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	11/25/2013	WH6-131125-	4 U	4 U	--	--	4 U	4.34	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	2/24/2014	WH6-140224-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	5/30/2014	WH6-140530-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	8/15/2014	WH6-140815-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	12/2/2014	WH6-141202-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	2/24/2015	WH6-150224-	4 U	4 U	--	--	4 U	4.9 T	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	6/3/2015	WH6-150603-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	8/13/2015	WH6-150813-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	11/20/2015	WH6-151120-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	2/16/2016	WH6-160216-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	5/25/2016	WH6-160525-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-6	8/29/2016	WH6-160829-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	8/29/2016	WH6-160829D	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	12/12/2016	WH6-161212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	2/22/2017	WH6-170222-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	2/22/2017	WH6-170222D	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-6	6/9/2017	WH6-170609-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	8/28/2017	WH6-170828-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	12/4/2017	WH6-171204-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	12/4/2017	WH6-171204D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	3/2/2018	WH6-180302-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	3/2/2018	WH6-180302D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	5/31/2018	WH6-180531-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	8/28/2018	WH6-180828-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	12/5/2018	WH6-181205-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	3/8/2019	WH6-190308-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	5/29/2019	WH6-190529-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	8/28/2019	WH6-190828-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	11/26/2019	WH6-191126-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	3/4/2020	WH6-200305-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	5/26/2020	WH6-200526-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	8/17/2020	WH6-200817-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	11/10/2020	WH6-201110-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	2/9/2021	WH6-210209-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	5/6/2021	WH6-210506-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	8/3/2021	WH6-210803-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	12/1/2021	WH6-211201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	2/17/2022	WH6-220217-	1 U	0.5 U	--	--	2.5 U	6.48	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	6/14/2022	WH6-220614-	1 U	0.5 U	--	--	2.5 U	38.2	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	8/12/2022	WH6-220812-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	12/12/2022	WH6-221212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	2/23/2023	WH6-230223-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	5/22/2023	WH6-230522-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-6	9/1/2023	WH6-230901-	0.5 U	0.5 U	--	--	2.5 U	5.1	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	2/28/2013	WH10130228-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	5/21/2013	WH10130521-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	8/20/2013	WH10130820-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-10	11/26/2013	WH10131126-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	2/19/2014	WH10140219-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	6/2/2014	WH10140602-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	8/15/2014	WH10140815-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	12/3/2014	WH10141203-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	2/24/2015	WH10150224-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	5/18/2015	WH10150518-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	8/10/2015	WH10150810-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	11/20/2015	WH10151120-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	2/16/2016	WH10160216-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	5/25/2016	WH10160525-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	8/24/2016	WH10160824-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	12/12/2016	WH10161212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	2/21/2017	WH10170221-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-10	6/9/2017	WH10170609-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	8/28/2017	WH10170828-	0.25 U	0.5 U	--	--	2.5 U	3.7 JT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	12/4/2017	WH10171204-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.13 JT	0.25 U
MW-10	2/26/2018	WH10180226-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	5/31/2018	WH10180531-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	8/28/2018	WH10180828-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	12/7/2018	WH10181207-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	3/8/2019	WH10190308-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	5/30/2019	WH10190530-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	8/28/2019	WH10190828-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	11/22/2019	WH10191122-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	3/4/2020	WH10200305-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	5/26/2020	WH10200526-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	8/18/2020	WH10200818-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	11/12/2020	WH10201112-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	2/11/2021	WH10210211-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	2/11/2021	WH10210211D	1 U	0.5 U	--	--	2.5 U	2.62 JT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	5/7/2021	WH10210507-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	8/3/2021	WH10210803-	1 U	0.5 U	--	--	2.5 U	2.82 BJT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	12/1/2021	WH10211201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	2/17/2022	WH10220217-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	6/15/2022	WH10220615-	1 U	0.5 U	--	--	2.5 U	50.2	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-10	8/11/2022	WH10220811-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	12/12/2022	WH10221212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	2/22/2023	WH10230222-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	5/23/2023	WH10230523-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-10	8/31/2023	WH10230831-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	2/27/2013	WH11130227-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	5/21/2013	WH11130521-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	8/22/2013	WH11130822-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	11/25/2013	WH11131125-	4 U	4 U	--	--	4 U	5.48	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	2/28/2014	WH11140228-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	5/12/2014	WH11140512-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	8/15/2014	WH11140815-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	12/2/2014	WH11141202-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	2/24/2015	WH11150224-	4 U	4 U	--	--	4 U	6.3 T	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	5/18/2015	WH11150518-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	8/13/2015	WH11150813-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	11/12/2015	WH11151112-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	2/16/2016	WH11160216-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	5/25/2016	WH11160525-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	8/24/2016	WH11160824-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	12/12/2016	WH11161212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	2/24/2017	WH11170224-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-11	6/7/2017	WH11170607-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	8/24/2017	WH11170824-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	12/1/2017	WH11171201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	3/1/2018	WH11180301-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	5/29/2018	WH11180529-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	8/27/2018	WH11180827-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	12/5/2018	WH11181205-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	3/11/2019	WH11190311-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	5/30/2019	WH11190530-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	8/28/2019	WH11190828-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	11/22/2019	WH11191122-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	3/4/2020	WH11200304-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	5/26/2020	WH11200526-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	8/18/2020	WH11200818-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-11	11/10/2020	WH11201110-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	2/11/2021	WH11210211-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	5/5/2021	WH11210505-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	8/3/2021	WH11210803-	1 U	0.5 U	--	--	2.5 U	3.06 BJT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	11/30/2021	WH11211130-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	2/17/2022	WH11220217-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	6/15/2022	WH11220615-	1 U	0.5 U	--	--	2.5 U	28	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	8/11/2022	WH11220811-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	12/12/2022	WH11221212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	2/22/2023	WH11230222-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	2/22/2023	WH11230222D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	5/22/2023	WH11230522-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-11	8/31/2023	WH11230831-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	2/26/2013	WH18130226-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	5/15/2013	WH18130515-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	11/15/2013	WH18131115-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	2/24/2014	WH18140224-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	6/2/2014	WH18140602-	4 U	4 U	--	--	4 U	4 T	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	8/21/2014	WH18140821-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	8/21/2014	WH18140821D	4 U	4 U	--	--	4 U	5.33	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	12/3/2014	WH18141203-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	2/24/2015	WH18150224-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	5/22/2015	WH18150522-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	12/2/2015	WH18151202-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	2/12/2016	WH18160212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	5/23/2016	WH18160523-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	12/15/2016	WH18161215-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	2/24/2017	WH18170224-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-18	6/16/2017	WH18170616-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	8/25/2017	WH18170825-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	12/1/2017	WH18171201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	3/1/2018	WH18180301-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	5/31/2018	WH18180531-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	12/7/2018	WH18181207-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	3/11/2019	WH18190311-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	5/30/2019	WH18190530-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-18	3/6/2020	WH18200306-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	5/26/2020	WH18200526-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	2/10/2021	WH18210210-	1 U	0.5 U	--	--	2.5 U	3.21 JT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	5/6/2021	WH18210506-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	11/30/2021	WH18211130-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	2/17/2022	WH18220217-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	6/15/2022	WH18220615-	1 U	0.5 U	--	--	2.5 U	31.6	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	8/12/2022	WH18220812-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	12/13/2022	WH18221213-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	2/22/2023	WH18230222-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-18	5/22/2023	WH18230522-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	12/24/2019	WH26191224-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	3/5/2020	WH26200305-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	5/26/2020	WH26200526-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	8/18/2020	WH26200818-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	11/9/2020	WH26201109-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	2/9/2021	WH26210209-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	5/5/2021	WH26210505-	1 U	0.5 U	--	--	2.5 U	3.54 JT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	8/2/2021	WH26210802-	1 U	0.5 U	--	--	2.5 U	2.58 BJT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	11/30/2021	WH26211130-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	11/30/2021	WH26211130D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	2/17/2022	WH26220217-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	6/14/2022	WH26220614-	1 U	0.5 U	--	--	2.5 U	20.7	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	8/12/2022	WH26220812-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	8/12/2022	WH26220812D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	12/13/2022	WH26221213-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	2/22/2023	WH26230222-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-26	5/22/2023	WH26230522-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-26	8/31/2023	WH26230831-	0.5 U	0.5 U	--	--	2.5 U	17.1	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
Deep Aquifer																		
MW-3	3/1/2013	WH3-130301-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	5/22/2013	WH3-130522-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	8/27/2013	WH3-130827-	4 U	4 U	--	--	4 U	5.83	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	11/20/2013	WH3-131120-	4 U	4 U	--	--	4 U	4.97	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	2/24/2014	WH3-140224-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	2/24/2014	WH3-140224D	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	5/28/2014	WH3-140528-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	8/19/2014	WH3-140819-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	11/25/2014	WH3-141125-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	2/25/2015	WH3-150225-	4 U	4 U	--	--	4 U	7.2 T	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	6/3/2015	WH3-150603-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	8/11/2015	WH3-150811-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	11/20/2015	WH3-151120-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	2/12/2016	WH3-160212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	5/24/2016	WH3-160524-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	8/24/2016	WH3-160824-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	12/9/2016	WH3-161209-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	2/21/2017	WH3-170221-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-3	6/7/2017	WH3-170607-	0.25 GU	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	8/25/2017	WH3-170825-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	12/1/2017	WH3-171201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	3/1/2018	WH3-180301-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	5/24/2018	WH3-180524-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	8/27/2018	WH3-180827-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	12/5/2018	WH3-181205-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	3/8/2019	WH3-190308-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	5/30/2019	WH3-190530-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	9/3/2019	WH3-190903-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	11/22/2019	WH3-191122-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	3/4/2020	WH3-200304-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	5/21/2020	WH3-200521-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	8/17/2020	WH3-200817-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	11/9/2020	WH3-201109-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	2/8/2021	WH3-210208-	1 U	0.5 U	--	--	2.5 U	6.74	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	5/6/2021	WH3-210506-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-3	8/2/2021	WH3-210802-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	11/30/2021	WH3-211130-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	2/16/2022	WH3-220216-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	6/14/2022	WH3-220614-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	8/11/2022	WH3-220811-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	12/12/2022	WH3-221212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	2/22/2023	WH3-230222-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	5/22/2023	WH3-230522-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-3	8/30/2023	WH3-230830-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	2/28/2013	WH7-130228-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	5/16/2013	WH7-130516-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	8/20/2013	WH7-130820-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	11/19/2013	WH7-131119-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	2/20/2014	WH7-140220-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	5/22/2014	WH7-140522-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	8/15/2014	WH7-140815-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	12/2/2014	WH7-141202-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	2/26/2015	WH7-150226-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	5/22/2015	WH7-150522-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	8/10/2015	WH7-150810-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	11/10/2015	WH7-151110-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	2/16/2016	WH7-160216-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	5/24/2016	WH7-160524-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	8/23/2016	WH7-160823-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	12/12/2016	WH7-161212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	2/21/2017	WH7-170221-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-7	6/14/2017	WH7-170614-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	8/24/2017	WH7-170824-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	12/1/2017	WH7-171201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	3/1/2018	WH7-180301-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	5/29/2018	WH7-180529-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	8/22/2018	WH7-180822-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	8/22/2018	WH7-180822D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	11/30/2018	WH7-181130-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	3/8/2019	WH7-190308-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	3/8/2019	WH7-190308D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	5/29/2019	WH7-190529-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-7	9/3/2019	WH7-190903-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	11/22/2019	WH7-191122-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	3/2/2020	WH7-200302-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	5/21/2020	WH7-200521-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	8/17/2020	WH7-200817-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	11/12/2020	WH7-201112-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	2/12/2021	WH7-210212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	5/5/2021	WH7-210505-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	8/4/2021	WH7-210804-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	12/1/2021	WH7-211201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	2/16/2022	WH7-220216-	1 U	0.5 U	--	--	2.5 U	6.56	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	6/14/2022	WH7-220614-	1 U	0.5 U	--	--	2.5 U	41.6	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	8/9/2022	WH7-220809-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	12/12/2022	WH7-221212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	2/23/2023	WH7-230223-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	5/22/2023	WH7-230522-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-7	8/30/2023	WH7-230830-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	2/25/2013	WH25130225-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	5/28/2013	WH25130528-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	8/19/2013	WH25130819-	4 U	4 U	--	--	4 U	6.05	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	11/21/2013	WH25131121-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	2/25/2014	WH25140225-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	6/4/2014	WH25140604-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	8/15/2014	WH25140815-	4 U	4 U	--	--	4 U	5.51	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	12/2/2014	WH25141202-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	2/24/2015	WH25150224-	4 U	4 U	--	--	4 U	8.5 T	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	5/22/2015	WH25150522-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	5/22/2015	WH25150522D	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	8/10/2015	WH25150810-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	11/12/2015	WH25151112-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	2/12/2016	WH25160212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	5/25/2016	WH25160525-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	8/29/2016	WH25160829-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	12/15/2016	WH25161215-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	12/15/2016	WH25161215D	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	2/22/2017	WH25170222-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
MW-25	6/7/2017	WH25170607-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-25	8/24/2017	WH25170824-	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	12/1/2017	WH25171201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	3/1/2018	WH25180301-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	5/31/2018	WH25180531-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	8/27/2018	WH25180827-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	12/7/2018	WH25181207-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	3/11/2019	WH25190311-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	5/30/2019	WH25190530-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	9/3/2019	WH25190903-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	11/26/2019	WH25191126-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	11/26/2019	WH25191126D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	3/5/2020	WH25200305-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	5/26/2020	WH25200526-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	8/18/2020	WH25200818-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	11/9/2020	WH25201109-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	2/16/2021	WH25210216-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	5/5/2021	WH25210505-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	8/3/2021	WH25210803-	1 U	0.5 U	--	--	2.5 U	2.5 BJT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	12/1/2021	WH25211201-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	2/16/2022	WH25220216-	1 U	0.5 U	--	--	2.5 U	7.81	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	6/15/2022	WH25220615-	1 U	0.5 U	--	--	2.5 U	11.7	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	8/11/2022	WH25220811-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	12/12/2022	WH25221212-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	12/12/2022	WH25221212D	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	2/22/2023	WH25230222-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	5/22/2023	WH25230522-	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	5/22/2023	WH25230522D	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
MW-25	8/31/2023	WH25230831-	0.5 U	0.5 U	--	--	2.5 U	3.33 JT	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
Field Blanks																		
FIELD BLANK	11/21/2013	WH25131121F	4 U	4 U	--	--	4 U	4.86	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
FIELD BLANK	2/20/2014	WH7-140220F	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
FIELD BLANK	5/28/2014	WH3-140528F	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
FIELD BLANK	12/2/2014	WH4-141202F	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
FIELD BLANK	8/13/2015	WH11150813F	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
FIELD BLANK	5/23/2016	WH4-160523F	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
FIELD BLANK	6/14/2017	WH7-170614F	21.9	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.2 JT	0.25 U
FIELD BLANK	8/28/2017	WH10170828F	0.25 U	0.5 U	--	--	2.5 U	5.1	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
FIELD BLANK	5/31/2018	WH18180531F	19.7	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.14 JT	0.25 U
FIELD BLANK	11/30/2018	WH7-181130F	7.86	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
FIELD BLANK	3/2/2020	WH7-200302F	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
FIELD BLANK	8/17/2020	WH3-200817F	1 U	0.5 U	--	--	2.5 U	11.3	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
FIELD BLANK	11/12/2020	WH7-201112F	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
FIELD BLANK	8/3/2021	WH11210803F	1 U	0.5 U	--	--	2.5 U	4.15 BJT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
FIELD BLANK	2/16/2022	WH7-220216F	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
FIELD BLANK	6/14/2022	WH26220614F	1 U	0.5 U	--	--	2.5 U	2.59 JT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
FIELD BLANK	9/1/2023	WH6-230901F	0.5 U	0.5 U	--	--	2.5 U	8.47	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
Volatile Organic Compounds Trip Blanks																		
VOA TRIP BLANK	2/22/2013	VTRP130225C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/25/2013	VTRP130226B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/26/2013	VTRP130227B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/27/2013	VTRP130228B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/28/2013	VTRP130301B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/13/2013	VTRP130515L	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/15/2013	VTRP130516B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/20/2013	VTRP130521B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/21/2013	VTRP130522B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/22/2013	VTRP130523B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/25/2013	VTRP130528B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/16/2013	VTRP130819B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/19/2013	VTRP130820B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/21/2013	VTRP130822B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/23/2013	VTRP130827C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/14/2013	VTRP131115B	4 U	4 U	--	--	4 U	4.31	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/15/2013	VTRP131119B	4 U	4 U	--	--	4 U	4.44	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/19/2013	VTRP131120B	4 U	4 U	--	--	4 U	11	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/20/2013	VTRP131121B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/22/2013	VTRP131125C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/25/2013	VTRP131126C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/18/2014	VTRP140219L	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/19/2014	VTRP140220B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/21/2014	VTRP140224B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/21/2014	VTRP140224C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/24/2014	VTRP140225B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/27/2014	VTRP140228C	35	4 U	--	--	4 U	14.5 B	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/6/2014	VTRP140512C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/21/2014	VTRP140522C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/21/2014	VTRP140527B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/27/2014	VTRP140528B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/29/2014	VTRP140530B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/30/2014	VTRP140602B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	6/2/2014	VTRP140604B	4 U	4 U	--	--	4 U	5.29	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/14/2014	VTRP140815-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/14/2014	VTRP140815C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/15/2014	VTRP140815B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/18/2014	VTRP140819C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/19/2014	VTRP140820C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/20/2014	VTRP140821C	4 U	4 U	--	--	4 U	5.62 B	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/24/2014	VTRP141125C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/1/2014	VTRP141202B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/1/2014	VTRP141202C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/2/2014	VTRP141203C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/2/2014	VTRP141203L	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/23/2015	VTRP150224B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/23/2015	VTRP150224C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/23/2015	VTRP150224P	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/23/2015	VTRP150225C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/24/2015	VTRP150225B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/25/2015	VTRP150226B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	4/15/2015	VTRP150416-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	4/15/2015	VTRP150416L	4 U	4 U	100 U	10 U	4 U	4 U	100 U	10 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/14/2015	VTRP150518C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/19/2015	VTRP150522C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/21/2015	VTRP150522B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	6/2/2015	VTRP150603B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	6/2/2015	VTRP150603C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/7/2015	VTRP150810B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/7/2015	VTRP150810C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/10/2015	VTRP150811C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/12/2015	VTRP150813C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/13/2015	VTRP150813B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/9/2015	VTRP151110C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	11/10/2015	VTRP151112C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/12/2015	VTRP151120C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/19/2015	VTRP151120B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/23/2015	VTRP151124B	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	1/11/2016	VTRP160112-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/10/2016	VTRP160212C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/11/2016	VTRP160212-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/12/2016	VTRP160216-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/12/2016	VTRP160216C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/20/2016	VTRP160523-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/23/2016	VTRP160524-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/23/2016	VTRP160524C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/24/2016	VTRP160525-	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/24/2016	VTRP160525C	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/18/2016	VTRP160822-	2 U	4 U	5 U	0.2 U	2 U	4 U	5 U	5 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/18/2016	VTRP160823-	2 U	4 U	5 U	0.2 U	2 U	4 U	5 U	5 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/18/2016	VTRP160825-	2 U	4 U	5 U	0.2 U	2 U	4 U	5 U	5 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/22/2016	VTRP160823Y	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/22/2016	VTRP160824Y	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	8/23/2016	VTRP160829Y	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/10/2016	VTRP161114-	2 U	4 U	5 U	0.2 U	2 U	4 U	5 U	5 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/10/2016	VTRP161115-	2 U	4 U	5 U	0.2 U	2 U	4 U	5 U	5 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/8/2016	VTRP161209X	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/8/2016	VTRP161212X	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/8/2016	VTRP161212Y	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/14/2016	VTRP161215X	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/16/2017	VTRP170221-	2 U	4 U	5 U	0.2 U	2 U	4 U	5 U	5 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/16/2017	VTRP170222-	2 U	4 U	5 U	0.2 U	2 U	4 U	5 U	5 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/16/2017	VTRP170223-	2 U	4 U	5 U	0.2 U	2 U	4 U	5 U	5 U	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/17/2017	VTRP170221X	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/17/2017	VTRP170221Y	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/21/2017	VTRP170222Y	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/22/2017	VTRP170224X	4 U	4 U	--	--	4 U	4 U	--	--	0.07 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	5/18/2017	VTRP170523-	0.25 U	0.5 U	5 U	0.1 U	2.5 U	2.5 U	2.5 U	2.5 U	0.035 U	0.1 U	0.1 U	0.25 U	1 U	2 U	0.1 U	0.25 U
VOA TRIP BLANK	5/18/2017	VTRP170524-	0.25 U	0.5 U	5 U	0.1 U	2.5 U	2.5 U	2.5 U	2.5 U	0.035 U	0.1 U	0.1 U	0.25 U	1 U	2 U	0.1 U	0.25 U
VOA TRIP BLANK	5/18/2017	VTRP170525-	0.25 U	0.5 U	5 GU	0.1 U	2.5 U	2.5 U	2.5 U	2.5 U	0.035 U	0.1 U	0.1 U	0.25 U	1 U	2 U	0.1 U	0.25 U
VOA TRIP BLANK	6/2/2017	VTRP170607Y	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	6/5/2017	VTRP170608X	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	6/7/2017	VTRP170609Y	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	6/8/2017	VTRP170614Y	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	6/12/2017	VTRP170616Y	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/23/2017	VTRP170824X	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/23/2017	VTRP170824Y	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/24/2017	VTRP170825X	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/24/2017	VTRP170825Y	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/25/2017	VTRP170828Y	0.25 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/28/2017	VTRP171201X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/29/2017	VTRP171201Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	12/1/2017	VTRP171204Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/21/2018	VTRP180226Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/25/2018	VTRP180301Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/28/2018	VTRP180301X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	3/1/2018	VTRP180302Y2	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/23/2018	VTRP180529X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/24/2018	VTRP180524Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/29/2018	VTRP180529Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/29/2018	VTRP180531Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/31/2018	VTRP180531X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/21/2018	VTRP180822X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/21/2018	VTRP180827Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/23/2018	VTRP180827X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/27/2018	VTRP180828X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/27/2018	VTRP180828Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/29/2018	VTRP181130Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/29/2018	VTRP181205Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	12/6/2018	VTRP181207Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	3/7/2019	VTRP190308X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	3/7/2019	VTRP190308Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	3/8/2019	VTRP190311X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	3/8/2019	VTRP190311Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/27/2019	VTRP190529Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/29/2019	VTRP190530X	1 U	0.5 U	--	--	2.5 U	5.41 B	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/29/2019	VTRP190530Y	1 U	0.5 U	--	--	2.5 U	2.53 BJT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/29/2019	VTRP190530Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	8/26/2019	VTRP190828Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/26/2019	VTRP190828Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/28/2019	VTRP190903Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/19/2019	VTRP191120X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/21/2019	VTRP191122Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/22/2019	VTRP191122Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/25/2019	VTRP191126Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	12/24/2019	VTRP191224X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/26/2020	VTRP200304Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	3/2/2020	VTRP200302Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	3/2/2020	VTRP200305Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	3/4/2020	VTRP200305Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	3/4/2020	VTRP200306Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/20/2020	VTRP200521X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/20/2020	VTRP200521Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/20/2020	VTRP200526X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/21/2020	VTRP200526Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/21/2020	VTRP200527X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/13/2020	VTRP200817Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/17/2020	VTRP200817X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/17/2020	VTRP200817Y2	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/17/2020	VTRP200817Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/17/2020	VTRP200818X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/17/2020	VTRP200818Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	9/15/2020	VTRP200917Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/5/2020	VTRP201109X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/5/2020	VTRP201109Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/5/2020	VTRP201109Y2	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/9/2020	VTRP201110Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/10/2020	VTRP201112-	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/10/2020	VTRP201112Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/5/2021	VTRP210208X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/8/2021	VTRP210209X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/9/2021	VTRP210210Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/9/2021	VTRP210211Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/10/2021	VTRP210212Y	1 U	0.5 U	--	--	2.5 U	4.63 JT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/12/2021	VTRP210216Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/3/2021	VTRP210505Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/4/2021	VTRP210505X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/5/2021	VTRP210506X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/5/2021	VTRP210506Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/5/2021	VTRP210505Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/6/2021	VTRP210507Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	7/29/2021	VTRP210802X	1 U	0.5 U	--	--	2.5 U	2.77 BJT	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	7/29/2021	VTRP210802Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/2/2021	VTRP210803X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/2/2021	VTRP210803Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/3/2021	VTRP210804Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/24/2021	VTRP211130X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/24/2021	VTRP211130Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/24/2021	VTRP211130Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/30/2021	VTRP211201X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	11/30/2021	VTRP211201Z2	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/11/2022	VTRP220216X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/11/2022	VTRP220216Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/11/2022	VTRP220217Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/16/2022	VTRP220217X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	6/10/2022	VTRP220614Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	6/10/2022	VTRP220614Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	6/14/2022	VTRP220615Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	6/14/2022	VTRP220615Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/4/2022	VTRP220809Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/4/2022	VTRP220811Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/10/2022	VTRP220811X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/10/2022	VTRP220812Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/11/2022	VTRP220812X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 U	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	12/8/2022	VTRP221212X	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	12/8/2022	VTRP221212Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	12/8/2022	VTRP221212Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	12/12/2022	VTRP221213Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/21/2023	VTRP230222Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/21/2023	VTRP230222Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	2/22/2023	VTRP230223Y	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/17/2023	VTRP230522X	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			2-Butanone	2-Hexanone	2-Methyl-1-Propanol	3-Chloro-propene	4-Methyl-2-Pentanone	Acetone	Acetonitrile	Acrolein	Acrylo-nitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetra-chloride
	CAS #		78-93-3	591-78-6	78-83-1	107-05-1	108-10-1	67-64-1	75-05-8	107-02-8	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/18/2023	VTRP230522Y	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/18/2023	VTRP230522Z	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	5/22/2023	VTRP230523Y	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/29/2023	VTRP230830Z	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/29/2023	VTRP230831Z	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/30/2023	VTRP230831X	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U
VOA TRIP BLANK	8/30/2023	VTRP230901Z	0.5 U	0.5 U	--	--	2.5 U	2.5 U	--	--	0.035 DU	0.1 U	0.1 U	0.25 U	0.5 U	0.1 U	0.1 U	0.25 U

Notes:

-- = parameter was not sampled for

See Appendix A for qualifier definitions.

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Shallow Aquifer																			
MW-1	2/28/2013	WH1-130228-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	2/28/2013	WH1-130228D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	5/16/2013	WH1-130516-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	8/20/2013	WH1-130820-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	11/19/2013	WH1-131119-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	2/20/2014	WH1-140220-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	5/27/2014	WH1-140527-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	8/20/2014	WH1-140820-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	12/3/2014	WH1-141203-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	2/25/2015	WH1-150225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	5/22/2015	WH1-150522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	8/11/2015	WH1-150811-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	11/10/2015	WH1-151110-	0.2 U	0.2 U	0.2 U	0.2 U	0.21 T	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	2/16/2016	WH1-160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	5/24/2016	WH1-160524-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	8/23/2016	WH1-160823-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	12/12/2016	WH1-161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	2/21/2017	WH1-170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-1	6/9/2017	WH1-170609-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	8/24/2017	WH1-170824-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	12/1/2017	WH1-171201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	3/1/2018	WH1-180301-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	5/29/2018	WH1-180529-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	8/28/2018	WH1-180828-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	11/30/2018	WH1-181130-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	3/8/2019	WH1-190308-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	5/29/2019	WH1-190529-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	5/29/2019	WH1-190529D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	8/28/2019	WH1-190828-	0.1 U	0.5 U	0.1 U	0.109 JT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	8/28/2019	WH1-190828D	0.1 U	0.5 U	0.1 U	0.113 JT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	11/22/2019	WH1-191122-	0.1 U	0.5 U	0.1 U	0.173 BJT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	3/2/2020	WH1-200302-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	5/21/2020	WH1-200521-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-1	8/17/2020	WH1-200817-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-1	11/12/2020	WH1-201112-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	2/12/2021	WH1-210212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	5/5/2021	WH1-210505-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	5/5/2021	WH1-210505D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	8/4/2021	WH1-210804-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	12/1/2021	WH1-211201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	2/16/2022	WH1-220216-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-1	6/14/2022	WH1-220614-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-1	8/9/2022	WH1-220809-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-1	12/12/2022	WH1-221212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-1	2/23/2023	WH1-230223-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-1	5/22/2023	WH1-230522-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-1	8/30/2023	WH1-230830-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-4	3/1/2013	WH4-130301-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	5/23/2013	WH4-130523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	8/22/2013	WH4-130822-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	11/21/2013	WH4-131121-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	2/25/2014	WH4-140225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	5/27/2014	WH4-140527-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	8/15/2014	WH4-140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	12/2/2014	WH4-141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	2/24/2015	WH4-150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	6/3/2015	WH4-150603-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	8/11/2015	WH4-150811-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	11/24/2015	WH4-151124-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 GU	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	2/12/2016	WH4-160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	2/12/2016	WH4-160212D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	5/23/2016	WH4-160523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	8/24/2016	WH4-160824-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	12/12/2016	WH4-161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	2/21/2017	WH4-170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-4	6/8/2017	WH4-170608-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	8/25/2017	WH4-170825-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	12/1/2017	WH4-171201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	3/1/2018	WH4-180301-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	5/29/2018	WH4-180529-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	8/27/2018	WH4-180827-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-4	12/5/2018	WH4-181205-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	3/8/2019	WH4-190308-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	5/30/2019	WH4-190530-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	8/28/2019	WH4-190828-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	11/22/2019	WH4-191122-	0.1 U	0.5 U	0.1 U	0.14 BJT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	3/4/2020	WH4-200304-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	5/21/2020	WH4-200521-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-4	5/21/2020	WH4-200521D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-4	8/17/2020	WH4-200817-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-4	11/9/2020	WH4-201109-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	2/8/2021	WH4-210208-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	5/5/2021	WH4-210505-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 GU	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	8/2/2021	WH4-210802-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	11/30/2021	WH4-211130-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	2/16/2022	WH4-220216-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-4	6/14/2022	WH4-220614-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-4	8/12/2022	WH4-220812-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-4	12/12/2022	WH4-221212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-4	2/22/2023	WH4-230222-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-4	5/22/2023	WH4-230522-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-4	8/30/2023	WH4-230830-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-6	2/27/2013	WH6-130227-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	5/23/2013	WH6-130523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	5/23/2013	WH6-130523D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	8/27/2013	WH6-130827-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	11/25/2013	WH6-131125-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	2/24/2014	WH6-140224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	5/30/2014	WH6-140530-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	8/15/2014	WH6-140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	12/2/2014	WH6-141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	2/24/2015	WH6-150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	6/3/2015	WH6-150603-	0.2 U	0.2 U	0.2 U	0.2 U	0.978	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	8/13/2015	WH6-150813-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	11/20/2015	WH6-151120-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	2/16/2016	WH6-160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	5/25/2016	WH6-160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-6	8/29/2016	WH6-160829-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	8/29/2016	WH6-160829D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	12/12/2016	WH6-161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	2/22/2017	WH6-170222-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	2/22/2017	WH6-170222D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-6	6/9/2017	WH6-170609-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	8/28/2017	WH6-170828-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	12/4/2017	WH6-171204-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	12/4/2017	WH6-171204D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	3/2/2018	WH6-180302-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	3/2/2018	WH6-180302D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	5/31/2018	WH6-180531-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	8/28/2018	WH6-180828-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	12/5/2018	WH6-181205-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	3/8/2019	WH6-190308-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	5/29/2019	WH6-190529-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	8/28/2019	WH6-190828-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	11/26/2019	WH6-191126-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	3/4/2020	WH6-200305-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	5/26/2020	WH6-200526-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-6	8/17/2020	WH6-200817-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-6	11/10/2020	WH6-201110-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	2/9/2021	WH6-210209-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	5/6/2021	WH6-210506-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	8/3/2021	WH6-210803-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	12/1/2021	WH6-211201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	2/17/2022	WH6-220217-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-6	6/14/2022	WH6-220614-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-6	8/12/2022	WH6-220812-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-6	12/12/2022	WH6-221212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-6	2/23/2023	WH6-230223-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-6	5/22/2023	WH6-230522-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-6	9/1/2023	WH6-230901-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-10	2/28/2013	WH10130228-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	5/21/2013	WH10130521-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	8/20/2013	WH10130820-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-10	11/26/2013	WH10131126-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	2/19/2014	WH10140219-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	6/2/2014	WH10140602-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	8/15/2014	WH10140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	12/3/2014	WH10141203-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	2/24/2015	WH10150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	5/18/2015	WH10150518-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 GU	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	8/10/2015	WH10150810-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	11/20/2015	WH10151120-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	2/16/2016	WH10160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	5/25/2016	WH10160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	8/24/2016	WH10160824-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	12/12/2016	WH10161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	2/21/2017	WH10170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-10	6/9/2017	WH10170609-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	8/28/2017	WH10170828-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	12/4/2017	WH10171204-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	2/26/2018	WH10180226-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	5/31/2018	WH10180531-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	8/28/2018	WH10180828-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	12/7/2018	WH10181207-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	3/8/2019	WH10190308-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	5/30/2019	WH10190530-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	8/28/2019	WH10190828-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	11/22/2019	WH10191122-	0.1 U	0.5 U	0.1 U	0.158 BJT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	3/4/2020	WH10200305-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	5/26/2020	WH10200526-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-10	8/18/2020	WH10200818-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-10	11/12/2020	WH10201112-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	2/11/2021	WH10210211-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	2/11/2021	WH10210211D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	5/7/2021	WH10210507-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	8/3/2021	WH10210803-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	12/1/2021	WH10211201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	2/17/2022	WH10220217-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-10	6/15/2022	WH10220615-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-10	8/11/2022	WH10220811-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-10	12/12/2022	WH10221212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-10	2/22/2023	WH10230222-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-10	5/23/2023	WH10230523-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-10	8/31/2023	WH10230831-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-11	2/27/2013	WH11130227-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	5/21/2013	WH11130521-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	8/22/2013	WH11130822-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	11/25/2013	WH11131125-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	2/28/2014	WH11140228-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	5/12/2014	WH11140512-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	8/15/2014	WH11140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	12/2/2014	WH11141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	2/24/2015	WH11150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	5/18/2015	WH11150518-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 GU	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	8/13/2015	WH11150813-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	11/12/2015	WH11151112-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	2/16/2016	WH11160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	5/25/2016	WH11160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	8/24/2016	WH11160824-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	12/12/2016	WH11161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	2/24/2017	WH11170224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-11	6/7/2017	WH11170607-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	8/24/2017	WH11170824-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	12/1/2017	WH11171201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	3/1/2018	WH11180301-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	5/29/2018	WH11180529-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	8/27/2018	WH11180827-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	12/5/2018	WH11181205-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	3/11/2019	WH11190311-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	5/30/2019	WH11190530-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	8/28/2019	WH11190828-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	11/22/2019	WH11191122-	0.1 U	0.5 U	0.1 U	0.141 BJT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	3/4/2020	WH11200304-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	5/26/2020	WH11200526-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-11	8/18/2020	WH11200818-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-11	11/10/2020	WH11201110-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	2/11/2021	WH11210211-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	5/5/2021	WH11210505-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	8/3/2021	WH11210803-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	11/30/2021	WH11211130-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	2/17/2022	WH11220217-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-11	6/15/2022	WH11220615-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-11	8/11/2022	WH11220811-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-11	12/12/2022	WH11221212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-11	2/22/2023	WH11230222-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-11	2/22/2023	WH11230222D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-11	5/22/2023	WH11230522-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-11	8/31/2023	WH11230831-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-18	2/26/2013	WH18130226-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	5/15/2013	WH18130515-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	11/15/2013	WH18131115-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	2/24/2014	WH18140224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	6/2/2014	WH18140602-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	8/21/2014	WH18140821-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	8/21/2014	WH18140821D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	12/3/2014	WH18141203-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	2/24/2015	WH18150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	5/22/2015	WH18150522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	12/2/2015	WH18151202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	2/12/2016	WH18160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	5/23/2016	WH18160523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	12/15/2016	WH18161215-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	2/24/2017	WH18170224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
MW-18	6/16/2017	WH18170616-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	8/25/2017	WH18170825-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	12/1/2017	WH18171201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	3/1/2018	WH18180301-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	5/31/2018	WH18180531-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	12/7/2018	WH18181207-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	3/11/2019	WH18190311-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	5/30/2019	WH18190530-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-18	3/6/2020	WH18200306-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	5/26/2020	WH18200526-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-18	2/10/2021	WH18210210-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	5/6/2021	WH18210506-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	11/30/2021	WH18211130-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	2/17/2022	WH18220217-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-18	6/15/2022	WH18220615-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-18	8/12/2022	WH18220812-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-18	12/13/2022	WH18221213-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-18	2/22/2023	WH18230222-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-18	5/22/2023	WH18230522-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-26	12/24/2019	WH26191224-	0.1 U	0.5 U	0.1 U	0.242	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-26	3/5/2020	WH26200305-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-26	5/26/2020	WH26200526-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-26	8/18/2020	WH26200818-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
MW-26	11/9/2020	WH26201109-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-26	2/9/2021	WH26210209-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-26	5/5/2021	WH26210505-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-26	8/2/2021	WH26210802-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-26	11/30/2021	WH26211130-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-26	11/30/2021	WH26211130D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-26	2/17/2022	WH26220217-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
MW-26	6/14/2022	WH26220614-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-26	8/12/2022	WH26220812-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-26	8/12/2022	WH26220812D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-26	12/13/2022	WH26221213-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-26	2/22/2023	WH26230222-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
MW-26	5/22/2023	WH26230522-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-26	8/31/2023	WH26230831-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
Deep Aquifer																			
MW-3	3/1/2013	WH3-130301-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	5/22/2013	WH3-130522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	8/27/2013	WH3-130827-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	11/20/2013	WH3-131120-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.27 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	2/24/2014	WH3-140224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	2/24/2014	WH3-140224D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	5/28/2014	WH3-140528-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	8/19/2014	WH3-140819-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	11/25/2014	WH3-141125-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.23 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	2/25/2015	WH3-150225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.29 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	6/3/2015	WH3-150603-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	8/11/2015	WH3-150811-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	11/20/2015	WH3-151120-	0.2 U	0.2 U	0.2 U	0.2 U	0.24 T	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	2/12/2016	WH3-160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	5/24/2016	WH3-160524-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	8/24/2016	WH3-160824-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	12/9/2016	WH3-161209-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	2/21/2017	WH3-170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-3	6/7/2017	WH3-170607-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.15 JT	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	8/25/2017	WH3-170825-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	12/1/2017	WH3-171201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	3/1/2018	WH3-180301-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	5/24/2018	WH3-180524-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	8/27/2018	WH3-180827-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	12/5/2018	WH3-181205-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.173 JT	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	3/8/2019	WH3-190308-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	5/30/2019	WH3-190530-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	9/3/2019	WH3-190903-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.145 JT	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	11/22/2019	WH3-191122-	0.1 U	0.5 U	0.1 U	0.12 BJT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.243	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	3/4/2020	WH3-200304-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.153 JT	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	5/21/2020	WH3-200521-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.116 JT	0.1 U	0.1 U	--	0.2 U	--	2.5 U	--
MW-3	8/17/2020	WH3-200817-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.143 JT	0.1 U	0.1 U	--	0.2 U	--	2.5 U	--
MW-3	11/9/2020	WH3-201109-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	2/8/2021	WH3-210208-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.146 JT	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	5/6/2021	WH3-210506-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-3	8/2/2021	WH3-210802-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	11/30/2021	WH3-211130-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	2/16/2022	WH3-220216-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-3	6/14/2022	WH3-220614-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-3	8/11/2022	WH3-220811-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-3	12/12/2022	WH3-221212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.133 JT	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-3	2/22/2023	WH3-230222-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.119 JT	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-3	5/22/2023	WH3-230522-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.128 T	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-3	8/30/2023	WH3-230830-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.141 JT	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-7	2/28/2013	WH7-130228-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	5/16/2013	WH7-130516-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	8/20/2013	WH7-130820-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	11/19/2013	WH7-131119-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	2/20/2014	WH7-140220-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	5/22/2014	WH7-140522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	8/15/2014	WH7-140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	12/2/2014	WH7-141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	2/26/2015	WH7-150226-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	5/22/2015	WH7-150522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	8/10/2015	WH7-150810-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	11/10/2015	WH7-151110-	0.2 U	0.2 U	0.2 U	0.2 U	0.36 T	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	2/16/2016	WH7-160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	5/24/2016	WH7-160524-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	8/23/2016	WH7-160823-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	12/12/2016	WH7-161212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	2/21/2017	WH7-170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-7	6/14/2017	WH7-170614-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	8/24/2017	WH7-170824-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	12/1/2017	WH7-171201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	3/1/2018	WH7-180301-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	5/29/2018	WH7-180529-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	8/22/2018	WH7-180822-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	8/22/2018	WH7-180822D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	11/30/2018	WH7-181130-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	3/8/2019	WH7-190308-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	3/8/2019	WH7-190308D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	5/29/2019	WH7-190529-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-7	9/3/2019	WH7-190903-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	11/22/2019	WH7-191122-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	3/2/2020	WH7-200302-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	5/21/2020	WH7-200521-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	2.5 U	--
MW-7	8/17/2020	WH7-200817-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	2.5 U	--
MW-7	11/12/2020	WH7-201112-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	2/12/2021	WH7-210212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	5/5/2021	WH7-210505-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	8/4/2021	WH7-210804-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	12/1/2021	WH7-211201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	2/16/2022	WH7-220216-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-7	6/14/2022	WH7-220614-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-7	8/9/2022	WH7-220809-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-7	12/12/2022	WH7-221212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-7	2/23/2023	WH7-230223-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-7	5/22/2023	WH7-230522-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-7	8/30/2023	WH7-230830-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-25	2/25/2013	WH25130225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.25 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	5/28/2013	WH25130528-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	8/19/2013	WH25130819-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	11/21/2013	WH25131121-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.455	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	2/25/2014	WH25140225-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.33 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	6/4/2014	WH25140604-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.33 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	8/15/2014	WH25140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.33 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	12/2/2014	WH25141202-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.444	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	2/24/2015	WH25150224-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.601	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	5/22/2015	WH25150522-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.33 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	5/22/2015	WH25150522D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.34 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	8/10/2015	WH25150810-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.37 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	11/12/2015	WH25151112-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.39 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	2/12/2016	WH25160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.496	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	5/25/2016	WH25160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.472	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	8/29/2016	WH25160829-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.436	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	12/15/2016	WH25161215-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.36 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	12/15/2016	WH25161215D	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.4 T	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	2/22/2017	WH25170222-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.542	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
MW-25	6/7/2017	WH25170607-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.567	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-25	8/24/2017	WH25170824-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.293	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	12/1/2017	WH25171201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.318	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	3/1/2018	WH25180301-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.3	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	5/31/2018	WH25180531-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.31	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	8/27/2018	WH25180827-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.322	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	12/7/2018	WH25181207-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.328	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	3/11/2019	WH25190311-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.297	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	5/30/2019	WH25190530-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.383	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	9/3/2019	WH25190903-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.482	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	11/26/2019	WH25191126-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.484	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	11/26/2019	WH25191126D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.476	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	3/5/2020	WH25200305-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.569	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	5/26/2020	WH25200526-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.473	0.1 U	0.1 U	--	0.2 U	--	2.5 U	--
MW-25	8/18/2020	WH25200818-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.466	0.1 U	0.1 U	--	0.2 U	--	2.5 U	--
MW-25	11/9/2020	WH25201109-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.303	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	2/16/2021	WH25210216-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.41	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	5/5/2021	WH25210505-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.322	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	8/3/2021	WH25210803-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.223	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	12/1/2021	WH25211201-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.297	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	2/16/2022	WH25220216-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.489	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
MW-25	6/15/2022	WH25220615-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.356	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-25	8/11/2022	WH25220811-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.358	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-25	12/12/2022	WH25221212-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.301	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-25	12/12/2022	WH25221212D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.332	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-25	2/22/2023	WH25230222-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.347	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-25	5/22/2023	WH25230522-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.326	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-25	5/22/2023	WH25230522D	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.353	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
MW-25	8/31/2023	WH25230831-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.469	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
Field Blanks																			
FIELD BLANK	11/21/2013	WH25131121F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
FIELD BLANK	2/20/2014	WH7-140220F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
FIELD BLANK	5/28/2014	WH3-140528F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
FIELD BLANK	12/2/2014	WH4-141202F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
FIELD BLANK	8/13/2015	WH11150813F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.819	--
FIELD BLANK	5/23/2016	WH4-160523F	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	0.2 U	--
FIELD BLANK	6/14/2017	WH7-170614F	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
FIELD BLANK	8/28/2017	WH10170828F	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
FIELD BLANK	5/31/2018	WH18180531F	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
FIELD BLANK	11/30/2018	WH7-181130F	0.1 U	0.5 U	0.1 U	0.144 JT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
FIELD BLANK	3/2/2020	WH7-200302F	0.1 U	0.5 U	0.1 U	2.11	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
FIELD BLANK	8/17/2020	WH3-200817F	0.1 U	0.5 U	0.1 U	0.117 JT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	2.5 U	--
FIELD BLANK	11/12/2020	WH7-201112F	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
FIELD BLANK	8/3/2021	WH11210803F	0.1 U	0.5 U	0.1 U	0.707	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
FIELD BLANK	2/16/2022	WH7-220216F	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	2.5 U	--
FIELD BLANK	6/14/2022	WH26220614F	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
FIELD BLANK	9/1/2023	WH6-230901F	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	2.5 U	--
Volatile Organic Compounds Trip Blanks																			
VOA TRIP BLANK	2/22/2013	VTRP130225C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/25/2013	VTRP130226B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/26/2013	VTRP130227B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/27/2013	VTRP130228B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/28/2013	VTRP130301B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/13/2013	VTRP130515L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.425
VOA TRIP BLANK	5/15/2013	VTRP130516B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.25 T
VOA TRIP BLANK	5/20/2013	VTRP130521B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/21/2013	VTRP130522B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.26 T
VOA TRIP BLANK	5/22/2013	VTRP130523B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.23 T
VOA TRIP BLANK	5/25/2013	VTRP130528B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.25 T
VOA TRIP BLANK	8/16/2013	VTRP130819B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/19/2013	VTRP130820B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/21/2013	VTRP130822B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/23/2013	VTRP130827C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/14/2013	VTRP131115B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/15/2013	VTRP131119B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/19/2013	VTRP131120B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/20/2013	VTRP131121B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/22/2013	VTRP131125C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/25/2013	VTRP131126C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	2.5
VOA TRIP BLANK	2/18/2014	VTRP140219L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/19/2014	VTRP140220B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/21/2014	VTRP140224B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/21/2014	VTRP140224C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/24/2014	VTRP140225B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.428
VOA TRIP BLANK	2/27/2014	VTRP140228C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/6/2014	VTRP140512C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/21/2014	VTRP140522C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/21/2014	VTRP140527B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/27/2014	VTRP140528B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/29/2014	VTRP140530B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/30/2014	VTRP140602B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	6/2/2014	VTRP140604B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/14/2014	VTRP140815-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/14/2014	VTRP140815C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/15/2014	VTRP140815B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/18/2014	VTRP140819C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.4 T
VOA TRIP BLANK	8/19/2014	VTRP140820C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.453 B
VOA TRIP BLANK	8/20/2014	VTRP140821C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/24/2014	VTRP141125C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	12/1/2014	VTRP141202B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	12/1/2014	VTRP141202C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	12/2/2014	VTRP141203C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	12/2/2014	VTRP141203L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/23/2015	VTRP150224B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/23/2015	VTRP150224C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/23/2015	VTRP150224P	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/23/2015	VTRP150225C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/24/2015	VTRP150225B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/25/2015	VTRP150226B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	4/15/2015	VTRP150416-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	4/15/2015	VTRP150416L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	2 U	5 U	0.2 U
VOA TRIP BLANK	5/14/2015	VTRP150518C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 GU	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/19/2015	VTRP150522C	0.2 U	0.2 U	0.2 U	0.2 U	0.518	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/21/2015	VTRP150522B	0.2 U	0.2 U	0.2 U	0.2 U	0.528	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	6/2/2015	VTRP150603B	0.2 U	0.2 U	0.2 U	0.2 U	0.491	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	6/2/2015	VTRP150603C	0.2 U	0.2 U	0.2 U	0.2 U	0.36 T	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/7/2015	VTRP150810B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.34 T
VOA TRIP BLANK	8/7/2015	VTRP150810C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/10/2015	VTRP150811C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/12/2015	VTRP150813C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/13/2015	VTRP150813B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/9/2015	VTRP151110C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	11/10/2015	VTRP151112C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/12/2015	VTRP151120C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/19/2015	VTRP151120B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/23/2015	VTRP151124B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 GU	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.28 T
VOA TRIP BLANK	1/11/2016	VTRP160112-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/10/2016	VTRP160212C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/11/2016	VTRP160212-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/12/2016	VTRP160216-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/12/2016	VTRP160216C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/20/2016	VTRP160523-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/23/2016	VTRP160524-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/23/2016	VTRP160524C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/24/2016	VTRP160525-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/24/2016	VTRP160525C	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/18/2016	VTRP160822-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.595
VOA TRIP BLANK	8/18/2016	VTRP160823-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.547
VOA TRIP BLANK	8/18/2016	VTRP160825-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.632
VOA TRIP BLANK	8/22/2016	VTRP160823Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/22/2016	VTRP160824Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	8/23/2016	VTRP160829Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	11/10/2016	VTRP161114-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	11/10/2016	VTRP161115-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	12/8/2016	VTRP161209X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	12/8/2016	VTRP161212X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	12/8/2016	VTRP161212Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	12/14/2016	VTRP161215X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/16/2017	VTRP170221-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/16/2017	VTRP170222-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/16/2017	VTRP170223-	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U
VOA TRIP BLANK	2/17/2017	VTRP170221X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/17/2017	VTRP170221Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/21/2017	VTRP170222Y	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	2/22/2017	VTRP170224X	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	0.2 U	--	--	0.2 U
VOA TRIP BLANK	5/18/2017	VTRP170523-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	1 U	0.25 U	0.1 U	2.5 U
VOA TRIP BLANK	5/18/2017	VTRP170524-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	1 U	0.25 U	0.1 U	2.5 U
VOA TRIP BLANK	5/18/2017	VTRP170525-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	1 U	0.25 U	0.1 U	2.5 U
VOA TRIP BLANK	6/2/2017	VTRP170607Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	6/5/2017	VTRP170608X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	6/7/2017	VTRP170609Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	6/8/2017	VTRP170614Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	6/12/2017	VTRP170616Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/23/2017	VTRP170824X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/23/2017	VTRP170824Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/24/2017	VTRP170825X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/24/2017	VTRP170825Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/25/2017	VTRP170828Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/28/2017	VTRP171201X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/29/2017	VTRP171201Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	12/1/2017	VTRP171204Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/21/2018	VTRP180226Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/25/2018	VTRP180301Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/28/2018	VTRP180301X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	3/1/2018	VTRP180302Y2	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/23/2018	VTRP180529X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/24/2018	VTRP180524Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/29/2018	VTRP180529Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/29/2018	VTRP180531Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/31/2018	VTRP180531X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/21/2018	VTRP180822X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/21/2018	VTRP180827Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/23/2018	VTRP180827X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/27/2018	VTRP180828X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/27/2018	VTRP180828Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/29/2018	VTRP181130Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/29/2018	VTRP181205Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	12/6/2018	VTRP181207Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	3/7/2019	VTRP190308X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	3/7/2019	VTRP190308Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	3/8/2019	VTRP190311X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	3/8/2019	VTRP190311Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/27/2019	VTRP190529Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/29/2019	VTRP190530X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/29/2019	VTRP190530Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/29/2019	VTRP190530Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	8/26/2019	VTRP190828Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/26/2019	VTRP190828Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/28/2019	VTRP190903Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/19/2019	VTRP191120X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/21/2019	VTRP191122Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/22/2019	VTRP191122Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/25/2019	VTRP191126Y	0.1 U	0.5 U	0.1 U	0.108 JT	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	12/24/2019	VTRP191224X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/26/2020	VTRP200304Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	3/2/2020	VTRP200302Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	3/2/2020	VTRP200305Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	3/4/2020	VTRP200305Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	3/4/2020	VTRP200306Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/20/2020	VTRP200521X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	5/20/2020	VTRP200521Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	5/20/2020	VTRP200526X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	5/21/2020	VTRP200526Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	5/21/2020	VTRP200527X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	8/13/2020	VTRP200817Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	8/17/2020	VTRP200817X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	8/17/2020	VTRP200817Y2	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	8/17/2020	VTRP200817Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	8/17/2020	VTRP200818X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	8/17/2020	VTRP200818Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	9/15/2020	VTRP200917Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.2 U	--	--	2.5 U
VOA TRIP BLANK	11/5/2020	VTRP201109X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/5/2020	VTRP201109Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/5/2020	VTRP201109Y2	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/9/2020	VTRP201110Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/10/2020	VTRP201112-	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/10/2020	VTRP201112Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/5/2021	VTRP210208X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/8/2021	VTRP210209X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/9/2021	VTRP210210Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/9/2021	VTRP210211Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/10/2021	VTRP210212Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/12/2021	VTRP210216Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/3/2021	VTRP210505Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/4/2021	VTRP210505X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/5/2021	VTRP210506X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/5/2021	VTRP210506Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/5/2021	VTRP210505Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/6/2021	VTRP210507Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	7/29/2021	VTRP210802X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	7/29/2021	VTRP210802Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/2/2021	VTRP210803X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/2/2021	VTRP210803Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/3/2021	VTRP210804Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/24/2021	VTRP211130X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/24/2021	VTRP211130Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/24/2021	VTRP211130Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/30/2021	VTRP211201X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	11/30/2021	VTRP211201Z2	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/11/2022	VTRP220216X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/11/2022	VTRP220216Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/11/2022	VTRP220217Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/16/2022	VTRP220217X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	--	--	2.5 U
VOA TRIP BLANK	6/10/2022	VTRP220614Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	6/10/2022	VTRP220614Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	6/14/2022	VTRP220615Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	6/14/2022	VTRP220615Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/4/2022	VTRP220809Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/4/2022	VTRP220811Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/10/2022	VTRP220811X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/10/2022	VTRP220812Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/11/2022	VTRP220812X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	12/8/2022	VTRP221212X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	12/8/2022	VTRP221212Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	12/8/2022	VTRP221212Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	12/12/2022	VTRP221213Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/21/2023	VTRP230222Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/21/2023	VTRP230222Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	2/22/2023	VTRP230223Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/17/2023	VTRP230522X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane	Chloroform	Chloro-methane	Chloro-prene	Cis-1,2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethyl-benzene	M & P Xylene	M&P Xylene	Methyl Iodide	Methyl Metha-crylate	Methylene Chloride	Methylene Chloride
	CAS #		108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	126-99-8	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	TNI 5240	74-88-4	80-62-6	75-09-2	75-09-2
Well #	Sample Date	Sample ID	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/18/2023	VTRP230522Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/18/2023	VTRP230522Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	5/22/2023	VTRP230523Y	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/29/2023	VTRP230830Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/29/2023	VTRP230831Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/30/2023	VTRP230831X	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U
VOA TRIP BLANK	8/30/2023	VTRP230901Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	--	--	2.5 U

Notes:

-- = parameter was not sampled for

See Appendix A for qualifier definitions.

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Shallow Aquifer														
MW-1	2/28/2013	WH1-130228-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	2/28/2013	WH1-130228D	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	5/16/2013	WH1-130516-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	8/20/2013	WH1-130820-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	11/19/2013	WH1-131119-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	2/20/2014	WH1-140220-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	5/27/2014	WH1-140527-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	8/20/2014	WH1-140820-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	12/3/2014	WH1-141203-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	2/25/2015	WH1-150225-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	5/22/2015	WH1-150522-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	8/11/2015	WH1-150811-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	11/10/2015	WH1-151110-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	2/16/2016	WH1-160216-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	5/24/2016	WH1-160524-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	8/23/2016	WH1-160823-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	12/12/2016	WH1-161212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	2/21/2017	WH1-170221-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-1	6/9/2017	WH1-170609-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	8/24/2017	WH1-170824-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.012 BJT
MW-1	12/1/2017	WH1-171201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	3/1/2018	WH1-180301-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	5/29/2018	WH1-180529-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	8/28/2018	WH1-180828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	11/30/2018	WH1-181130-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	3/8/2019	WH1-190308-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	5/29/2019	WH1-190529-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	5/29/2019	WH1-190529D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	8/28/2019	WH1-190828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.0107 DJT
MW-1	8/28/2019	WH1-190828D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-1	11/22/2019	WH1-191122-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	3/2/2020	WH1-200302-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	5/21/2020	WH1-200521-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	8/17/2020	WH1-200817-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	11/12/2020	WH1-201112-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	2/12/2021	WH1-210212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	5/5/2021	WH1-210505-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	5/5/2021	WH1-210505D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	8/4/2021	WH1-210804-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	12/1/2021	WH1-211201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	2/16/2022	WH1-220216-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	6/14/2022	WH1-220614-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-1	8/9/2022	WH1-220809-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-1	12/12/2022	WH1-221212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-1	2/23/2023	WH1-230223-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-1	5/22/2023	WH1-230522-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-1	8/30/2023	WH1-230830-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-4	3/1/2013	WH4-130301-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	5/23/2013	WH4-130523-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	8/22/2013	WH4-130822-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	11/21/2013	WH4-131121-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	2/25/2014	WH4-140225-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	5/27/2014	WH4-140527-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	8/15/2014	WH4-140815-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	12/2/2014	WH4-141202-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	2/24/2015	WH4-150224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	6/3/2015	WH4-150603-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	8/11/2015	WH4-150811-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	11/24/2015	WH4-151124-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 GU
MW-4	2/12/2016	WH4-160212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	2/12/2016	WH4-160212D	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	5/23/2016	WH4-160523-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	8/24/2016	WH4-160824-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	12/12/2016	WH4-161212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	2/21/2017	WH4-170221-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-4	6/8/2017	WH4-170608-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	8/25/2017	WH4-170825-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	12/1/2017	WH4-171201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	3/1/2018	WH4-180301-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	5/29/2018	WH4-180529-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	8/27/2018	WH4-180827-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-4	12/5/2018	WH4-181205-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	3/8/2019	WH4-190308-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	5/30/2019	WH4-190530-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	8/28/2019	WH4-190828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-4	11/22/2019	WH4-191122-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	3/4/2020	WH4-200304-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	5/21/2020	WH4-200521-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	5/21/2020	WH4-200521D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	8/17/2020	WH4-200817-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	11/9/2020	WH4-201109-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	2/8/2021	WH4-210208-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	5/5/2021	WH4-210505-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 GU
MW-4	8/2/2021	WH4-210802-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	11/30/2021	WH4-211130-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	2/16/2022	WH4-220216-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	6/14/2022	WH4-220614-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-4	8/12/2022	WH4-220812-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-4	12/12/2022	WH4-221212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-4	2/22/2023	WH4-230222-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-4	5/22/2023	WH4-230522-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-4	8/30/2023	WH4-230830-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-6	2/27/2013	WH6-130227-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	5/23/2013	WH6-130523-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	5/23/2013	WH6-130523D	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	8/27/2013	WH6-130827-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	11/25/2013	WH6-131125-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	2/24/2014	WH6-140224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	5/30/2014	WH6-140530-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	8/15/2014	WH6-140815-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	12/2/2014	WH6-141202-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	2/24/2015	WH6-150224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	6/3/2015	WH6-150603-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	8/13/2015	WH6-150813-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	11/20/2015	WH6-151120-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	2/16/2016	WH6-160216-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	5/25/2016	WH6-160525-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-6	8/29/2016	WH6-160829-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	8/29/2016	WH6-160829D	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	12/12/2016	WH6-161212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	2/22/2017	WH6-170222-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	2/22/2017	WH6-170222D	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-6	6/9/2017	WH6-170609-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	8/28/2017	WH6-170828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	12/4/2017	WH6-171204-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	12/4/2017	WH6-171204D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	3/2/2018	WH6-180302-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	3/2/2018	WH6-180302D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	5/31/2018	WH6-180531-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	8/28/2018	WH6-180828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	12/5/2018	WH6-181205-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	3/8/2019	WH6-190308-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	5/29/2019	WH6-190529-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	8/28/2019	WH6-190828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-6	11/26/2019	WH6-191126-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	3/4/2020	WH6-200305-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	5/26/2020	WH6-200526-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	8/17/2020	WH6-200817-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	11/10/2020	WH6-201110-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	2/9/2021	WH6-210209-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	5/6/2021	WH6-210506-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	8/3/2021	WH6-210803-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	12/1/2021	WH6-211201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	2/17/2022	WH6-220217-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	6/14/2022	WH6-220614-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-6	8/12/2022	WH6-220812-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-6	12/12/2022	WH6-221212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-6	2/23/2023	WH6-230223-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-6	5/22/2023	WH6-230522-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-6	9/1/2023	WH6-230901-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-10	2/28/2013	WH10130228-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	5/21/2013	WH10130521-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	8/20/2013	WH10130820-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-10	11/26/2013	WH10131126-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	2/19/2014	WH10140219-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	6/2/2014	WH10140602-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	8/15/2014	WH10140815-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	12/3/2014	WH10141203-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	2/24/2015	WH10150224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	5/18/2015	WH10150518-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	8/10/2015	WH10150810-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	11/20/2015	WH10151120-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	2/16/2016	WH10160216-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	5/25/2016	WH10160525-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	8/24/2016	WH10160824-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	12/12/2016	WH10161212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	2/21/2017	WH10170221-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-10	6/9/2017	WH10170609-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	8/28/2017	WH10170828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	12/4/2017	WH10171204-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	2/26/2018	WH10180226-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	5/31/2018	WH10180531-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	8/28/2018	WH10180828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	12/7/2018	WH10181207-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	3/8/2019	WH10190308-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	5/30/2019	WH10190530-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	8/28/2019	WH10190828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-10	11/22/2019	WH10191122-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	3/4/2020	WH10200305-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	5/26/2020	WH10200526-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	8/18/2020	WH10200818-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	11/12/2020	WH10201112-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	2/11/2021	WH10210211-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	2/11/2021	WH10210211D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	5/7/2021	WH10210507-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	8/3/2021	WH10210803-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	12/1/2021	WH10211201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	2/17/2022	WH10220217-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-10	6/15/2022	WH10220615-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-10	8/11/2022	WH10220811-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-10	12/12/2022	WH10221212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-10	2/22/2023	WH10230222-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-10	5/23/2023	WH10230523-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-10	8/31/2023	WH10230831-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-11	2/27/2013	WH11130227-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	5/21/2013	WH11130521-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	8/22/2013	WH11130822-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	11/25/2013	WH11131125-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	2/28/2014	WH11140228-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	5/12/2014	WH11140512-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	8/15/2014	WH11140815-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	12/2/2014	WH11141202-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	2/24/2015	WH11150224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	5/18/2015	WH11150518-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	8/13/2015	WH11150813-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	11/12/2015	WH11151112-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	2/16/2016	WH11160216-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	5/25/2016	WH11160525-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	8/24/2016	WH11160824-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	12/12/2016	WH11161212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	2/24/2017	WH11170224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-11	6/7/2017	WH11170607-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	8/24/2017	WH11170824-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	12/1/2017	WH11171201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	3/1/2018	WH11180301-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	5/29/2018	WH11180529-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	8/27/2018	WH11180827-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	12/5/2018	WH11181205-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	3/11/2019	WH11190311-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	5/30/2019	WH11190530-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	8/28/2019	WH11190828-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-11	11/22/2019	WH11191122-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	3/4/2020	WH11200304-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	5/26/2020	WH11200526-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	8/18/2020	WH11200818-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-11	11/10/2020	WH11201110-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	2/11/2021	WH11210211-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	5/5/2021	WH11210505-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	8/3/2021	WH11210803-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	11/30/2021	WH11211130-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	2/17/2022	WH11220217-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	6/15/2022	WH11220615-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-11	8/11/2022	WH11220811-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-11	12/12/2022	WH11221212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-11	2/22/2023	WH11230222-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-11	2/22/2023	WH11230222D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-11	5/22/2023	WH11230522-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-11	8/31/2023	WH11230831-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-18	2/26/2013	WH18130226-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	5/15/2013	WH18130515-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	11/15/2013	WH18131115-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	2/24/2014	WH18140224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	6/2/2014	WH18140602-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	8/21/2014	WH18140821-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	8/21/2014	WH18140821D	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	12/3/2014	WH18141203-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	2/24/2015	WH18150224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	5/22/2015	WH18150522-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	12/2/2015	WH18151202-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	2/12/2016	WH18160212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	5/23/2016	WH18160523-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	12/15/2016	WH18161215-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	2/24/2017	WH18170224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-18	6/16/2017	WH18170616-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	8/25/2017	WH18170825-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	12/1/2017	WH18171201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	3/1/2018	WH18180301-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	5/31/2018	WH18180531-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	12/7/2018	WH18181207-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	3/11/2019	WH18190311-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	5/30/2019	WH18190530-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-18	3/6/2020	WH18200306-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	5/26/2020	WH18200526-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	2/10/2021	WH18210210-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	5/6/2021	WH18210506-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	11/30/2021	WH18211130-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	2/17/2022	WH18220217-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	6/15/2022	WH18220615-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-18	8/12/2022	WH18220812-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-18	12/13/2022	WH18221213-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-18	2/22/2023	WH18230222-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-18	5/22/2023	WH18230522-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-26	12/24/2019	WH26191224-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-26	3/5/2020	WH26200305-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	5/26/2020	WH26200526-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	8/18/2020	WH26200818-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	11/9/2020	WH26201109-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	2/9/2021	WH26210209-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	5/5/2021	WH26210505-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	8/2/2021	WH26210802-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	11/30/2021	WH26211130-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	11/30/2021	WH26211130D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	2/17/2022	WH26220217-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	6/14/2022	WH26220614-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-26	8/12/2022	WH26220812-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-26	8/12/2022	WH26220812D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-26	12/13/2022	WH26221213-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-26	2/22/2023	WH26230222-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-26	5/22/2023	WH26230522-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-26	8/31/2023	WH26230831-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
Deep Aquifer														
MW-3	3/1/2013	WH3-130301-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	5/22/2013	WH3-130522-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	8/27/2013	WH3-130827-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	11/20/2013	WH3-131120-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	2/24/2014	WH3-140224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	2/24/2014	WH3-140224D	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	5/28/2014	WH3-140528-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	8/19/2014	WH3-140819-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	11/25/2014	WH3-141125-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	2/25/2015	WH3-150225-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	6/3/2015	WH3-150603-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	8/11/2015	WH3-150811-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	11/20/2015	WH3-151120-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	2/12/2016	WH3-160212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	5/24/2016	WH3-160524-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	8/24/2016	WH3-160824-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	12/9/2016	WH3-161209-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	2/21/2017	WH3-170221-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-3	6/7/2017	WH3-170607-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	8/25/2017	WH3-170825-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	12/1/2017	WH3-171201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	3/1/2018	WH3-180301-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	5/24/2018	WH3-180524-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	8/27/2018	WH3-180827-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	12/5/2018	WH3-181205-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	3/8/2019	WH3-190308-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	5/30/2019	WH3-190530-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	9/3/2019	WH3-190903-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	11/22/2019	WH3-191122-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	3/4/2020	WH3-200304-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	5/21/2020	WH3-200521-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	8/17/2020	WH3-200817-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	11/9/2020	WH3-201109-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	2/8/2021	WH3-210208-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	5/6/2021	WH3-210506-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-3	8/2/2021	WH3-210802-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	11/30/2021	WH3-211130-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	2/16/2022	WH3-220216-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	6/14/2022	WH3-220614-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-3	8/11/2022	WH3-220811-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-3	12/12/2022	WH3-221212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-3	2/22/2023	WH3-230222-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-3	5/22/2023	WH3-230522-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-3	8/30/2023	WH3-230830-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-7	2/28/2013	WH7-130228-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	5/16/2013	WH7-130516-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	8/20/2013	WH7-130820-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	11/19/2013	WH7-131119-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	2/20/2014	WH7-140220-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	5/22/2014	WH7-140522-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	8/15/2014	WH7-140815-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	12/2/2014	WH7-141202-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	2/26/2015	WH7-150226-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	5/22/2015	WH7-150522-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	8/10/2015	WH7-150810-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	11/10/2015	WH7-151110-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	2/16/2016	WH7-160216-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	5/24/2016	WH7-160524-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	8/23/2016	WH7-160823-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	12/12/2016	WH7-161212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	2/21/2017	WH7-170221-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-7	6/14/2017	WH7-170614-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	8/24/2017	WH7-170824-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	12/1/2017	WH7-171201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	3/1/2018	WH7-180301-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	5/29/2018	WH7-180529-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	8/22/2018	WH7-180822-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	8/22/2018	WH7-180822D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	11/30/2018	WH7-181130-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	3/8/2019	WH7-190308-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	3/8/2019	WH7-190308D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	5/29/2019	WH7-190529-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-7	9/3/2019	WH7-190903-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	11/22/2019	WH7-191122-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	3/2/2020	WH7-200302-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	5/21/2020	WH7-200521-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	8/17/2020	WH7-200817-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	11/12/2020	WH7-201112-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	2/12/2021	WH7-210212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	5/5/2021	WH7-210505-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	8/4/2021	WH7-210804-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	12/1/2021	WH7-211201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	2/16/2022	WH7-220216-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	6/14/2022	WH7-220614-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-7	8/9/2022	WH7-220809-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-7	12/12/2022	WH7-221212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-7	2/23/2023	WH7-230223-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-7	5/22/2023	WH7-230522-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-7	8/30/2023	WH7-230830-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-25	2/25/2013	WH25130225-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	5/28/2013	WH25130528-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	8/19/2013	WH25130819-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	11/21/2013	WH25131121-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	2/25/2014	WH25140225-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	6/4/2014	WH25140604-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	8/15/2014	WH25140815-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	12/2/2014	WH25141202-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	2/24/2015	WH25150224-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	5/22/2015	WH25150522-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	5/22/2015	WH25150522D	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	8/10/2015	WH25150810-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	11/12/2015	WH25151112-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	2/12/2016	WH25160212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	5/25/2016	WH25160525-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	8/29/2016	WH25160829-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	12/15/2016	WH25161215-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	12/15/2016	WH25161215D	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	2/22/2017	WH25170222-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
MW-25	6/7/2017	WH25170607-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-25	8/24/2017	WH25170824-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	12/1/2017	WH25171201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	3/1/2018	WH25180301-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	5/31/2018	WH25180531-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	8/27/2018	WH25180827-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	12/7/2018	WH25181207-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	3/11/2019	WH25190311-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	5/30/2019	WH25190530-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	9/3/2019	WH25190903-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	11/26/2019	WH25191126-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	11/26/2019	WH25191126D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	3/5/2020	WH25200305-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	5/26/2020	WH25200526-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	8/18/2020	WH25200818-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	11/9/2020	WH25201109-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	2/16/2021	WH25210216-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	5/5/2021	WH25210505-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	8/3/2021	WH25210803-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	12/1/2021	WH25211201-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	2/16/2022	WH25220216-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	6/15/2022	WH25220615-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
MW-25	8/11/2022	WH25220811-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-25	12/12/2022	WH25221212-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-25	12/12/2022	WH25221212D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-25	2/22/2023	WH25230222-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-25	5/22/2023	WH25230522-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-25	5/22/2023	WH25230522D	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
MW-25	8/31/2023	WH25230831-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
Field Blanks														
FIELD BLANK	11/21/2013	WH25131121F	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
FIELD BLANK	2/20/2014	WH7-140220F	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
FIELD BLANK	5/28/2014	WH3-140528F	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
FIELD BLANK	12/2/2014	WH4-141202F	0.2 U	--	0.24 T	0.2 U	0.28 T	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
FIELD BLANK	8/13/2015	WH11150813F	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
FIELD BLANK	5/23/2016	WH4-160523F	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
FIELD BLANK	6/14/2017	WH7-170614F	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
FIELD BLANK	8/28/2017	WH10170828F	0.1 U	--	0.309	0.1 U	0.402	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
FIELD BLANK	5/31/2018	WH18180531F	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
FIELD BLANK	11/30/2018	WH7-181130F	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
FIELD BLANK	3/2/2020	WH7-200302F	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
FIELD BLANK	8/17/2020	WH3-200817F	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
FIELD BLANK	11/12/2020	WH7-201112F	0.1 U	--	0.144 JT	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
FIELD BLANK	8/3/2021	WH11210803F	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
FIELD BLANK	2/16/2022	WH7-220216F	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
FIELD BLANK	6/14/2022	WH26220614F	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
FIELD BLANK	9/1/2023	WH6-230901F	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
Volatile Organic Compounds Trip Blanks														
VOA TRIP BLANK	2/22/2013	VTRP130225C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/25/2013	VTRP130226B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/26/2013	VTRP130227B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/27/2013	VTRP130228B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/28/2013	VTRP130301B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/13/2013	VTRP130515L	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/15/2013	VTRP130516B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/20/2013	VTRP130521B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/21/2013	VTRP130522B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/22/2013	VTRP130523B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/25/2013	VTRP130528B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/16/2013	VTRP130819B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/19/2013	VTRP130820B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/21/2013	VTRP130822B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/23/2013	VTRP130827C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/14/2013	VTRP131115B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/15/2013	VTRP131119B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/19/2013	VTRP131120B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/20/2013	VTRP131121B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/22/2013	VTRP131125C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/25/2013	VTRP131126C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/18/2014	VTRP140219L	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/19/2014	VTRP140220B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/21/2014	VTRP140224B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/21/2014	VTRP140224C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/24/2014	VTRP140225B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/27/2014	VTRP140228C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/6/2014	VTRP140512C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/21/2014	VTRP140522C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/21/2014	VTRP140527B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/27/2014	VTRP140528B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/29/2014	VTRP140530B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/30/2014	VTRP140602B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	6/2/2014	VTRP140604B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/14/2014	VTRP140815-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/14/2014	VTRP140815C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/15/2014	VTRP140815B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/18/2014	VTRP140819C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/19/2014	VTRP140820C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/20/2014	VTRP140821C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/24/2014	VTRP141125C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	12/1/2014	VTRP141202B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	12/1/2014	VTRP141202C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	12/2/2014	VTRP141203C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	12/2/2014	VTRP141203L	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/23/2015	VTRP150224B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/23/2015	VTRP150224C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/23/2015	VTRP150224P	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/23/2015	VTRP150225C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/24/2015	VTRP150225B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/25/2015	VTRP150226B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	4/15/2015	VTRP150416-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	4/15/2015	VTRP150416L	0.2 U	60 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/14/2015	VTRP150518C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/19/2015	VTRP150522C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/21/2015	VTRP150522B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	6/2/2015	VTRP150603B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	6/2/2015	VTRP150603C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/7/2015	VTRP150810B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/7/2015	VTRP150810C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/10/2015	VTRP150811C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/12/2015	VTRP150813C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/13/2015	VTRP150813B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/9/2015	VTRP151110C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	11/10/2015	VTRP151112C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/12/2015	VTRP151120C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/19/2015	VTRP151120B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/23/2015	VTRP151124B	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 GU
VOA TRIP BLANK	1/11/2016	VTRP160112-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/10/2016	VTRP160212C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/11/2016	VTRP160212-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/12/2016	VTRP160216-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/12/2016	VTRP160216C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/20/2016	VTRP160523-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/23/2016	VTRP160524-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/23/2016	VTRP160524C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/24/2016	VTRP160525-	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/24/2016	VTRP160525C	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/18/2016	VTRP160822-	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.01 U
VOA TRIP BLANK	8/18/2016	VTRP160823-	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.01 U
VOA TRIP BLANK	8/18/2016	VTRP160825-	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.01 U
VOA TRIP BLANK	8/22/2016	VTRP160823Y	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/22/2016	VTRP160824Y	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	8/23/2016	VTRP160829Y	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	11/10/2016	VTRP161114-	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.01 U
VOA TRIP BLANK	11/10/2016	VTRP161115-	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.01 U
VOA TRIP BLANK	12/8/2016	VTRP161209X	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	12/8/2016	VTRP161212X	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	12/8/2016	VTRP161212Y	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	12/14/2016	VTRP161215X	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/16/2017	VTRP170221-	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.01 U
VOA TRIP BLANK	2/16/2017	VTRP170222-	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.01 U
VOA TRIP BLANK	2/16/2017	VTRP170223-	0.2 U	5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.01 U
VOA TRIP BLANK	2/17/2017	VTRP170221X	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/17/2017	VTRP170221Y	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/21/2017	VTRP170222Y	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	2/22/2017	VTRP170224X	0.2 U	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.02 U
VOA TRIP BLANK	5/18/2017	VTRP170523-	0.1 U	0.5 U	0.1 U	1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/18/2017	VTRP170524-	0.1 U	0.5 U	0.1 U	1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/18/2017	VTRP170525-	0.1 U	0.5 U	0.1 U	1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	6/2/2017	VTRP170607Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	6/5/2017	VTRP170608X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	6/7/2017	VTRP170609Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	6/8/2017	VTRP170614Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	6/12/2017	VTRP170616Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/23/2017	VTRP170824X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/23/2017	VTRP170824Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/24/2017	VTRP170825X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/24/2017	VTRP170825Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/25/2017	VTRP170828Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/28/2017	VTRP171201X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/29/2017	VTRP171201Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	12/1/2017	VTRP171204Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/21/2018	VTRP180226Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/25/2018	VTRP180301Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/28/2018	VTRP180301X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	3/1/2018	VTRP180302Y2	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/23/2018	VTRP180529X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/24/2018	VTRP180524Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/29/2018	VTRP180529Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/29/2018	VTRP180531Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/31/2018	VTRP180531X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/21/2018	VTRP180822X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/21/2018	VTRP180827Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/23/2018	VTRP180827X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/27/2018	VTRP180828X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/27/2018	VTRP180828Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/29/2018	VTRP181130Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/29/2018	VTRP181205Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	12/6/2018	VTRP181207Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	3/7/2019	VTRP190308X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	3/7/2019	VTRP190308Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	3/8/2019	VTRP190311X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	3/8/2019	VTRP190311Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/27/2019	VTRP190529Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/29/2019	VTRP190530X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/29/2019	VTRP190530Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/29/2019	VTRP190530Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	8/26/2019	VTRP190828Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/26/2019	VTRP190828Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/28/2019	VTRP190903Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/19/2019	VTRP191120X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/21/2019	VTRP191122Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/22/2019	VTRP191122Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/25/2019	VTRP191126Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	12/24/2019	VTRP191224X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	2/26/2020	VTRP200304Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	3/2/2020	VTRP200302Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	3/2/2020	VTRP200305Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	3/4/2020	VTRP200305Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	3/4/2020	VTRP200306Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/20/2020	VTRP200521X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/20/2020	VTRP200521Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/20/2020	VTRP200526X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/21/2020	VTRP200526Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/21/2020	VTRP200527X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/13/2020	VTRP200817Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/17/2020	VTRP200817X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/17/2020	VTRP200817Y2	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/17/2020	VTRP200817Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/17/2020	VTRP200818X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/17/2020	VTRP200818Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	9/15/2020	VTRP200917Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/5/2020	VTRP201109X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/5/2020	VTRP201109Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/5/2020	VTRP201109Y2	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/9/2020	VTRP201110Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/10/2020	VTRP201112-	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/10/2020	VTRP201112Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/5/2021	VTRP210208X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/8/2021	VTRP210209X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/9/2021	VTRP210210Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/9/2021	VTRP210211Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/10/2021	VTRP210212Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/12/2021	VTRP210216Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/3/2021	VTRP210505Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/4/2021	VTRP210505X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/5/2021	VTRP210506X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/5/2021	VTRP210506Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/5/2021	VTRP210505Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	5/6/2021	VTRP210507Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	7/29/2021	VTRP210802X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	7/29/2021	VTRP210802Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/2/2021	VTRP210803X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/2/2021	VTRP210803Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/3/2021	VTRP210804Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/24/2021	VTRP211130X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/24/2021	VTRP211130Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/24/2021	VTRP211130Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/30/2021	VTRP211201X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	11/30/2021	VTRP211201Z2	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/11/2022	VTRP220216X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/11/2022	VTRP220216Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/11/2022	VTRP220217Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	2/16/2022	VTRP220217X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	6/10/2022	VTRP220614Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	6/10/2022	VTRP220614Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	6/14/2022	VTRP220615Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	6/14/2022	VTRP220615Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 U
VOA TRIP BLANK	8/4/2022	VTRP220809Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/4/2022	VTRP220811Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/10/2022	VTRP220811X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/10/2022	VTRP220812Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/11/2022	VTRP220812X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	12/8/2022	VTRP221212X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	12/8/2022	VTRP221212Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	12/8/2022	VTRP221212Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	12/12/2022	VTRP221213Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	2/21/2023	VTRP230222Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	2/21/2023	VTRP230222Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	2/22/2023	VTRP230223Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	5/17/2023	VTRP230522X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU

Table J-5
Groundwater - Volatile Organic Compounds
January 1, 2013 - September 30, 2023

Groundwater - Volatile Organic Compounds			O-Xylene	Propio-nitrile	Styrene	Tetrachloro-ethene	Toluene	Trans-1,2-Dichloro-ethene	Trans-1,3-Dichloropro pene	Trans-1,4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
	CAS #		95-47-6	107-12-0	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Well #	Sample Date	Sample ID	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
VOA TRIP BLANK	5/18/2023	VTRP230522Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	5/18/2023	VTRP230522Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	5/22/2023	VTRP230523Y	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/29/2023	VTRP230830Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/29/2023	VTRP230831Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/30/2023	VTRP230831X	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	8/30/2023	VTRP230901Z	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU

Notes:

-- = parameter was not sampled for

See Appendix A for qualifier definitions.