



King County

Solid Waste Division

Department of Natural Resources and Parks

King Street Center

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February 15, 2024

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

VIA: Jamey Barker, P.E., Engineer III – Engineer Supervisor

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

RE: King County Hobart Landfill Annual Environmental Monitoring Report for Fourth
Quarter 2022 – Third Quarter 2023

The purpose of this letter is to transmit a copy of the Solid Waste Division's *King County Hobart Landfill Annual Environmental Monitoring Report* for Fourth Quarter 2022 through Third Quarter 2023 for your review. This report includes environmental data collected from October 01, 2022, through September 30, 2023. The report also contains the annual determination of groundwater flow rate and flow direction for each aquifer. The data included in this report are consistent with past reports.

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
Alan Noell, PhD., P.E., Solid Waste Engineer, Washington State Department of Ecology
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Naima Rushiddin, Records Management Specialist, SWD, DNRP



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February 15, 2024

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PO Box 330316
Shoreline, WA 98133-9716

RE: King County Hobart Landfill Annual Environmental Monitoring Report for Fourth Quarter 2022 – Third Quarter 2023

Dear Mr. O'Connor:

The purpose of this letter is to transmit a copy of the Solid Waste Division's *King County Hobart Landfill Annual Environmental Monitoring Report* for Fourth Quarter 2022 through Third Quarter 2023 for your review. This report includes environmental data collected from October 01, 2022, through September 30, 2023. The report also contains the annual determination of groundwater flow rate and flow direction for each aquifer. The data included in this report are consistent with past reports.

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

Sincerely,

Adrienne M. Scott
Engineer III – Lead Geologist

Enclosures

Tim O'Connor
February 15, 2024
Page 2

cc: Alan Noell, PhD., P.E., Solid Waste Program, Washington State Department of Ecology
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KING COUNTY HOBART LANDFILL ANNUAL ENVIRONMENTAL MONITORING REPORT

Fourth Quarter 2022 – Third Quarter 2023



King County

Department of
Natural Resources and Parks
Solid Waste Division

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February 2024

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KING COUNTY HOBART LANDFILL ANNUAL ENVIRONMENTAL MONITORING REPORT

Fourth Quarter 2022 – Third Quarter 2023

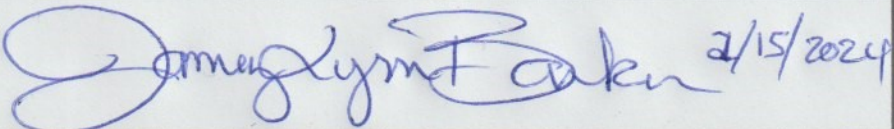


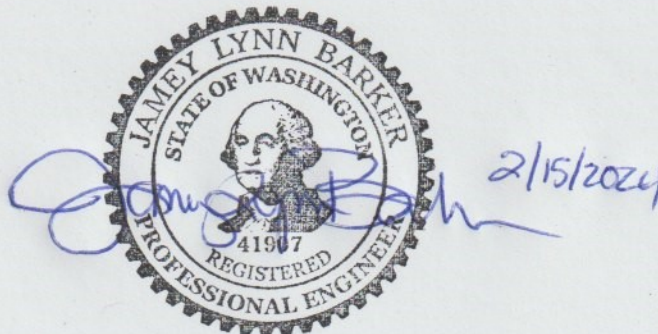
Department of Natural Resources and Parks
Solid Waste Division

CERTIFICATION

KING COUNTY HOBART LANDFILL ANNUAL ENVIRONMENTAL MONITORING REPORT CERTIFICATION

I certify 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.

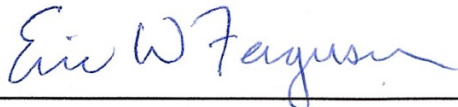
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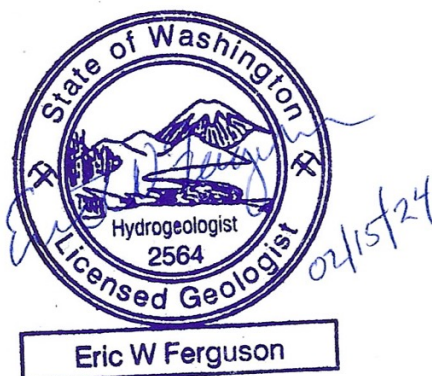


CERTIFICATION

KING COUNTY HOBART CLOSED LANDFILL ANNUAL ENVIRONMENTAL MONITORING REPORT CERTIFICATION

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Name: Eric W. Ferguson, L.G., L.H.G	Title: Water Quality Planner – Hydrogeologist; Science and Technical Support Section	Date: February 15, 2024
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Signature: 		



**KING COUNTY
HOBART LANDFILL**

**2022-2023 ANNUAL GROUNDWATER DATA
EVALUATION REPORT**

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

February 2024

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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 2022-2023 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 2023. 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 1950's, 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. Pumping tests are anticipated to occur during 2024 (see Section 7 Site Improvements).

The gas flare was disconnected during 2020 and landfill gas is currently conveyed through a temporary ventilation system that incorporates a series of biocannisters 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* (SAP).

3.1. GROUNDWATER ELEVATIONS and FLOW DIRECTION

Groundwater levels in individual wells have been plotted as a function of time (Figures 5-6). 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. Since water levels are taken prior to sampling, this provides a second data point for quality control. 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. Potentiometric surface maps and groundwater velocity calculations are included Appendix E.

3.2. ION BALANCE TRILINEAR DIAGRAMS

Ion balances are performed as a quality control process on the chemical analysis. When the percent difference of cations and anions is greater than 10%, individual results are reviewed, and any findings are included in this report. For the ion balance calculations, non-detects values are evaluated as half the method detection limit.

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. Trilinear diagrams are included with ionic balance calculations in Appendix G.

3.3. 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) found in Appendix A. Analytical results are compared to their respective standards. Exceedances are tabulated and reported in Appendix B. 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.

3.4. VOLATILE ORGANIC COMPOUND DETECTIONS

All groundwater VOC detections are reported in Appendix B. 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.

3.5. STATISTICAL and TREND ANALYSES

3.5.1. Descriptive Statistics

Descriptive statistical summary tables are compiled in Table 2. 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, excluding the eight most recent analyses. 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.

3.5.2. Trend Analysis

Groundwater trend test tables are compiled in Table 3. 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, including historical data up to the last eight samples, and for short-term trends using the last eight samples. 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.

3.6. DATA QUALITY

Five analytical labs have performed laboratory services for water samples collected at Cedar Falls 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-ethylhexyl) 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. (See Appendices A and F)

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; laboratory qualifiers can be found in Appendix A.

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.

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.

It is also important to note that several compounds, in particular acetone, zinc, and methylene chloride, have been frequently detected in blanks and field samples at similar concentrations. The likely source of these compounds is laboratory contamination.

Iron, manganese, and arsenic occur naturally in groundwater of this region. The Washington State Department of Ecology conducted a background study on arsenic in groundwater and found for the Puget Sound Basin the natural background 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	MW-27
MW-4	MW-16	MW-22	

U= upgradient well

Quarterly groundwater samples were collected between October 2022 and September 2023 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.

Groundwater quality exceedance tables, time-concentration plots, potentiometric surface maps, and raw analytical groundwater data for monitoring wells in the Shallow Aquifer can be found in Appendices B, C, E, and F, respectively.

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 5, and Appendix F. Horizontal groundwater velocity calculations and potentiometric maps are attached in Appendix E. Water levels in the Shallow Aquifer fluctuate seasonally by approximately five to ten feet.

4.2.2. Trilinear Diagrams and Ion Balance

The annual Shallow Aquifer trilinear diagrams and ion balances are located in Appendix G. The triaxial diagrams (Figures G-1, G-3, G-5, and G-7) 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 2022 to September 2023 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 2023 while MW-1 bordered the mixed type facies during the fourth quarter of 2022 and second and third quarters of 2023. It appears that wells that border the mixed type facies exhibit a higher ratio of chloride anions which results in samples plotting on the cusp of strong acids (sulfate and chloride) exceeding weak acids.

Tables G-1, G-3, G-5, and G-7 contain the cation/anion balances for samples collected from wells screened within the Shallow Aquifer during the 2022 – 2023 reporting period. Total cation-anion sums and percent differences indicate a proficient chemical analysis.

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 B. Groundwater samples analyzed for metals prior to the second quarter of 2023 were filtered and thus those results will be the dissolved fraction for metals. SGWC for metals are defined for unfiltered total results.

Dissolved and total arsenic concentrations exceeded the primary SGWC for all samples collected from the Shallow Aquifer during the October 2022 to September 2023 reporting year (Appendix B). 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 were also exceeded the lower pH limit at most wells, including upgradient well MW-11.

There are no new statistically significant increases for groundwater exceedances in the Shallow Aquifer during this reporting year. Groundwater exceedances are consistent with previous years.

4.2.1. Volatile Organic Compounds Detections

Groundwater volatile organic compound (VOC) detections are summarized in Table B-3 of Appendix B. During the reporting year, acetone was detected in wells MW-6 and MW-26 during the third quarter of 2023. Acetone was also detected in a field blank during the same quarter (Table B-5 of Appendix B). Acetone is a common laboratory contaminant and given the presence

of acetone in the field blank, it is likely that the acetone detections at wells MW-6 and MW-26 are false positive detections.

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

4.2.2. 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-1, MW-6, MW-10, and MW-18 are stable or decreasing. Wells with increasing short-term trends include wells MW-4, MW-11, and MW-26 (Table 3): well MW-4 exhibits short-term increasing trends for specific conductance, dissolved calcium, dissolved magnesium, and dissolved sodium; well MW-11 has short-term increasing trends for sulfate and total dissolved solids; and well MW-26 has increasing trends for specific conductance, total dissolved solids, dissolved calcium, dissolved magnesium, and dissolved sodium.

Long-term trend analyses show that most analytes have declining or stable trends over the past 50 sampling events, however a couple of constituents show long-term increasing trends: dissolved potassium at well MW-6 and dissolved sodium at wells MW-1, MW-4, and MW-6.

4.2.3. Summary

During the October 2022 through September 2023 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 C).

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-4, MW-11 and MW-26 exhibit some statistically significant increases with concentrations significantly below their respective SGWCs and MCLs.

Although iron and manganese concentrations at wells MW-1 and MW-10 are above their respective SGWCs and MCLs, iron and manganese concentrations at well 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 reevaluated at that time.

Overall, the groundwater quality within the Shallow Aquifer at Hobart Landfill during the October 2022 – September 2023 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 2022 and September 2023 at wells MW-3, MW-7, and MW-25.

Time-concentration plots, potentiometric surface maps, and raw analytical groundwater data for monitoring wells in the Deep Aquifer can be found in Appendices D, E, and F, respectively.

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 on Figure 6, and in Appendix F. Horizontal groundwater velocity calculations and potentiometric maps are attached in Appendix E. Water levels in the Deep Aquifer typically fluctuate seasonally by approximately five feet.

4.3.2. Trilinear Diagrams and Ion Balance

The annual Deep Aquifer trilinear diagrams and ion balances are located in Appendix G. The triaxial diagrams (Figures G-2, G-4, G-6, and G-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 October 2022 to September 2023 annual 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 G-2, G-4, G-6, and G-8 contain the cation/anion balances for samples collected from wells screened within the Deep Aquifer during the 2022 – 2023 reporting period. Total cation-anion sums and percent differences indicate a proficient chemical analysis.

4.3.3. Groundwater Exceedances

Exceedances of the SGWC and MCL are summarized in Table B-2 of Appendix B. There were no new exceedances of the groundwater criteria for the Deep Aquifer from the October 2022 through September 2023 reporting period.

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

There are no new statistically significant increases for groundwater exceedances in the Deep Aquifer during this reporting year. Groundwater exceedances are consistent with previous years.

4.3.4. Volatile Organic Compound Detections

Groundwater volatile organic compound (VOC) detections are summarized in Table B-4 of Appendix B. During the reporting year, acetone was detected in well MW-25 during the third quarter of 2023 and is flagged 'JT' denoting that the value is a laboratory estimate (see Appendix A for Qualifier Information). Acetone was also detected in a field blank during the same quarter (Table B-5 in Appendix B). Acetone is a common laboratory contaminant and given the presence of acetone in the field blank, and 'JT' flag, it is likely that the acetone detection at well MW-25 is a false positive detection.

Dichlorodifluoromethane was detected at wells MW-25 and MW-3 all four quarters of the reporting period. All well MW-3 dichlorodifluoromethane results are flagged 'JT' as laboratory estimates. The dichlorodifluoromethane values observed at well MW-25 are consistent with values typically observed at the well (Table 2-1).

4.3.5. Statistical and Trends Analyses

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

Table 2-2 shows that statistically significant short-term increasing trends occurred at the following wells: MW-3 (sulfate), MW-7 (chloride), and MW-25 (sodium). 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.

Relative to the 2021-2022 annual groundwater report, the only new statistically significant long-term trend occurs at well MW-7 for dissolved sodium (Table 3). The descriptive statistics show that the mean short-term dissolved sodium concentration at well MW-7 is lower than the median long-term dissolved sodium concentration (Table 2). Further, the 7.68 mg/L – 8.33 mg/L sodium concentrations observed at well MW-7 over the past four quarters is lower than the 20 mg/L United States Environmental Protection Agency's Health Advisory level for sodium.

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. The long-term and short-term time-concentration plots show that groundwater quality during the October 2022 – September 2023 reporting period is consistent with past data (Appendix D).

Exceedances are limited to arsenic and manganese, and both parameters are naturally occurring constituents in the groundwater; arsenic concentrations at Hobart Landfill are below the 8 ug/L arsenic background for the Puget Sound Basin (Ecology, 2022). Long-term statistically significant increasing trends have been observed within the Deep Aquifer for specific conductance, chloride, sulfate, total dissolved solids, and dissolved sodium; the concentration of each of these parameters is relatively low, and significantly below their respective SGWCs and MCLs.

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 concentrations at all Deep Aquifer wells. Once sufficient background data has been collected, background values will be calculated and arsenic, iron, and manganese concentrations will be reevaluated at that time.

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. 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 2022 – September 2023 reporting year is consistent with last year's report.

5. 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 on Figure 7. 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. 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. Please reference Section 7 Site Improvements of this report for a description of ongoing engineering work being implemented at Hobart Landfill.

6. 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 nine gas probes. Probes are monitored monthly. The results can be found in Appendix H.

There were no methane detections during the October 2022 – September 2023 reporting year. 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. However, while removing the pumps from LEW-4 and LEW-5, the screens were damaged. KCSWD is working with a consultant to evaluate the existing extraction wells and the potential for additional LEWs with additional pump tests as needed.

Over the next year, KCSWD anticipates implementation of landfill gas treatment upgrades and conducting pumping tests.

8. CONCLUSIONS AND RECOMMENDATIONS

8.1. Conclusions

Groundwater quality at Hobart Landfill is consistent with results contained in last year's annual report. There are no new exceedances, no new volatile organic compound (VOC) detections, nor any new short-term statistically significant increasing trends.

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, dissolved sodium, sulfate, and total dissolved solids.
4. Short-term increasing trends within the Deep Aquifer include chloride, sulfate, and sodium; 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 been saturated seasonally since 2014.
7. Methane was not detected at any of the landfill gas monitoring probes nor the ambient air monitoring stations. Although not a regulatory reporting requirement, data shows that carbon dioxide was detected at most gas monitoring probes and ambient stations.

8.2. Recommendations/Proposed Actions

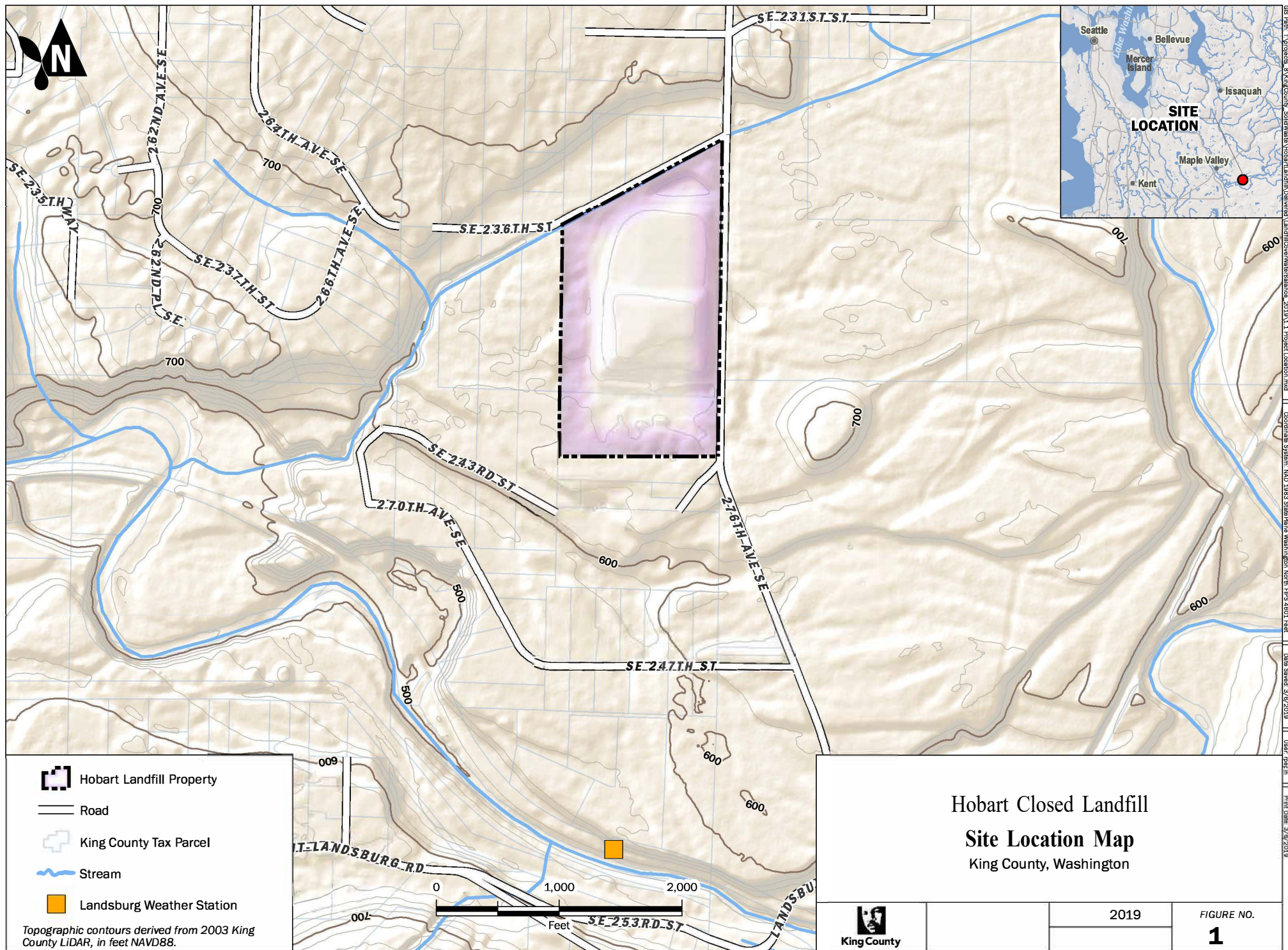
1. Continued monitoring of the groundwater surface and groundwater quality at the groundwater monitoring wells, monitoring the unsaturated portion of the vadose zone at the landfill gas probes, and measuring leachate elevations at the leachate extraction wells and leachate piezometers.
2. Continue collecting 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.

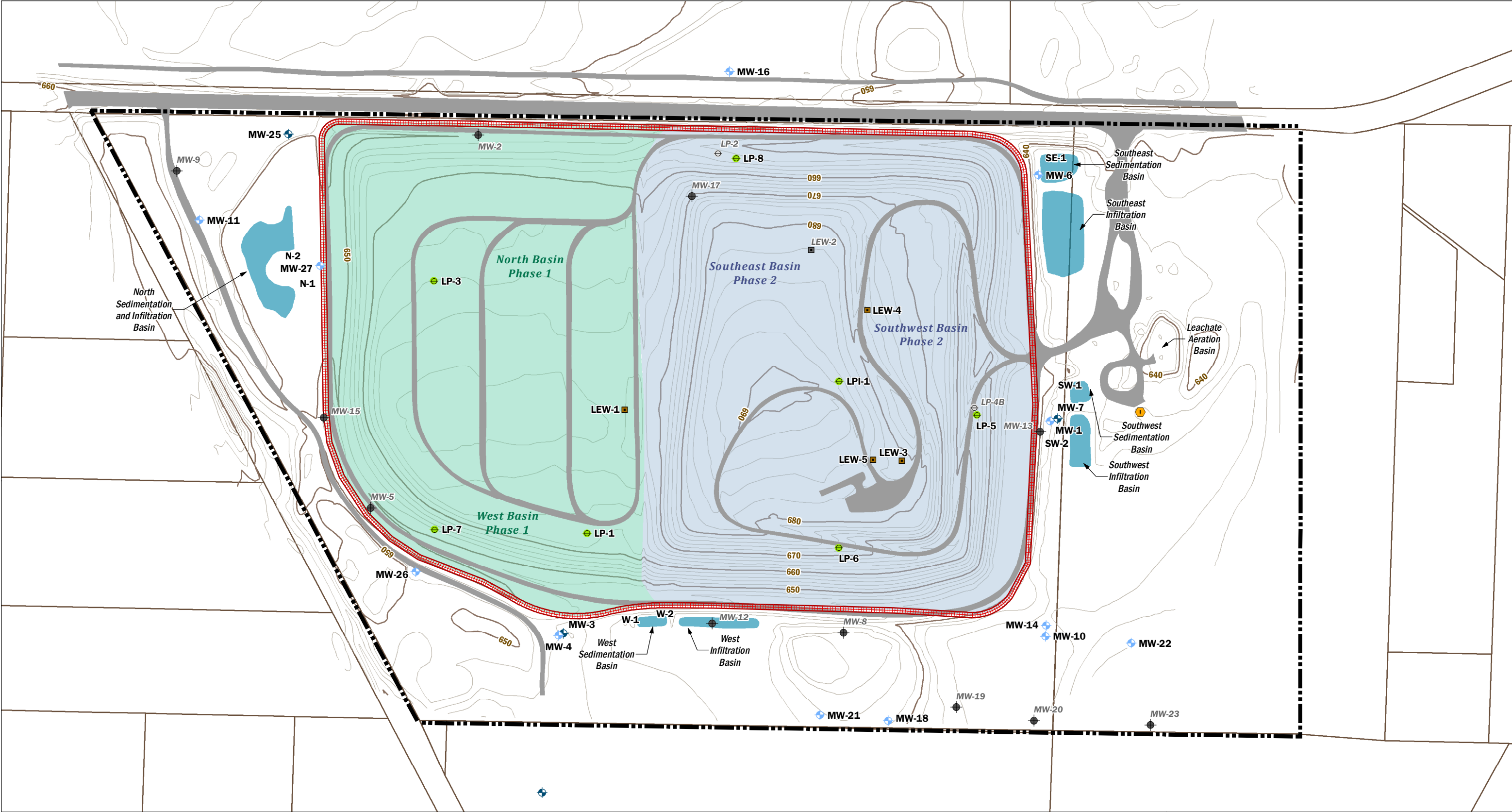
4. KCSWD is in the process of evaluating and implementing additional environmental system controls at Hobart Landfill, including work on the landfill gas system, leachate extraction wells and/or leachate piezometers, as well as the final cover system. It is recommended that groundwater quality be reevaluated after implementation of each system improvement to determine the effectiveness of system improvements on groundwater quality, vadose zone quality, and leachate elevations.

9. REFERENCES

- Aspect Consulting, LLC and Anchor QEA, December 4, 2019, *Hydrogeologic and Geochemical Conceptual Model Update*. Prepared for King County Solid Waste Division.
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- Freeze, R.A., and Cherry, J.A., 1979, *Groundwater*, Englewood Cliffs, New Jersey, Prentice-Hall, Inc.
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- R.W. Beck and Associates, and Sweet, Edwards, & Associates, March 26, 1984, *Ground Water Geology/Quality Investigations for Rural Landfills in King County, Washington*. Prepared for King County Solid Waste Division.
- US Department of Commerce, NOAA, National Geodetic Survey. “National Geodetic Survey Data Explorer.” geodesy.noaa.gov/NGSDataExplorer. Retrieved January 2024.
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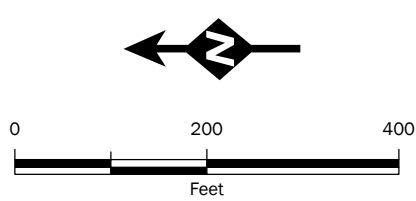
FIGURES and TABLES





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

- Closure Areas**
- | | |
|--|---------|
| | Phase 1 |
| | Phase 2 |
- Slurry Wall
- Flare Station
- Hobart Landfill Property
- King County Tax Parcel
- Road



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

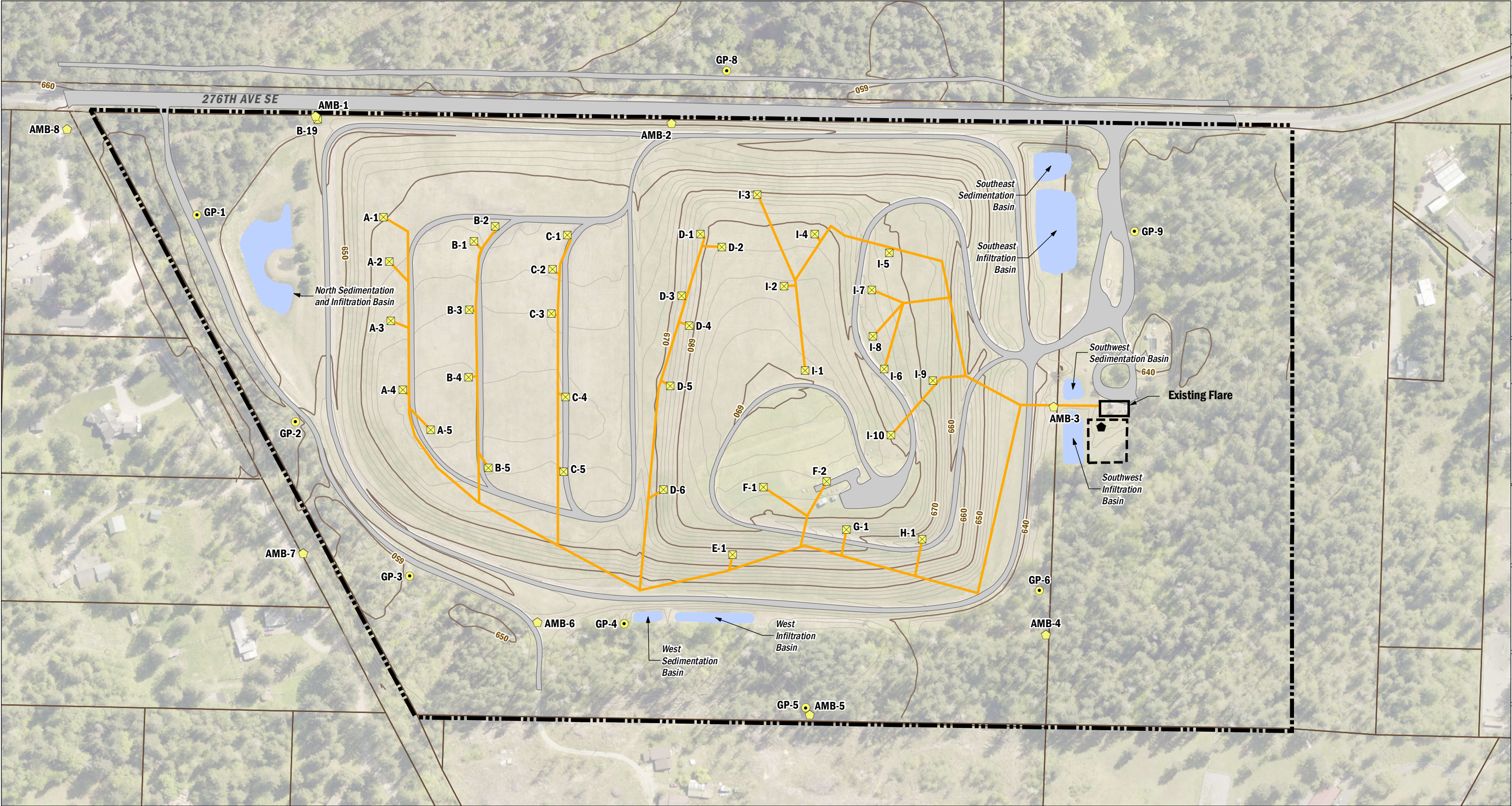
Hobart Closed Landfill Site Map - Monitoring Locations

King County, Washington



AUG-2020
BY:
JCB / RAP

FIGURE NO.
2



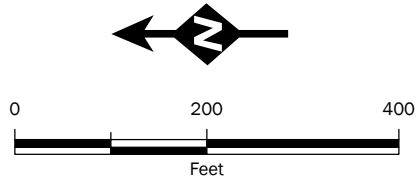
Landfill Gas System*

- 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



2020

FIGURE NO.
3

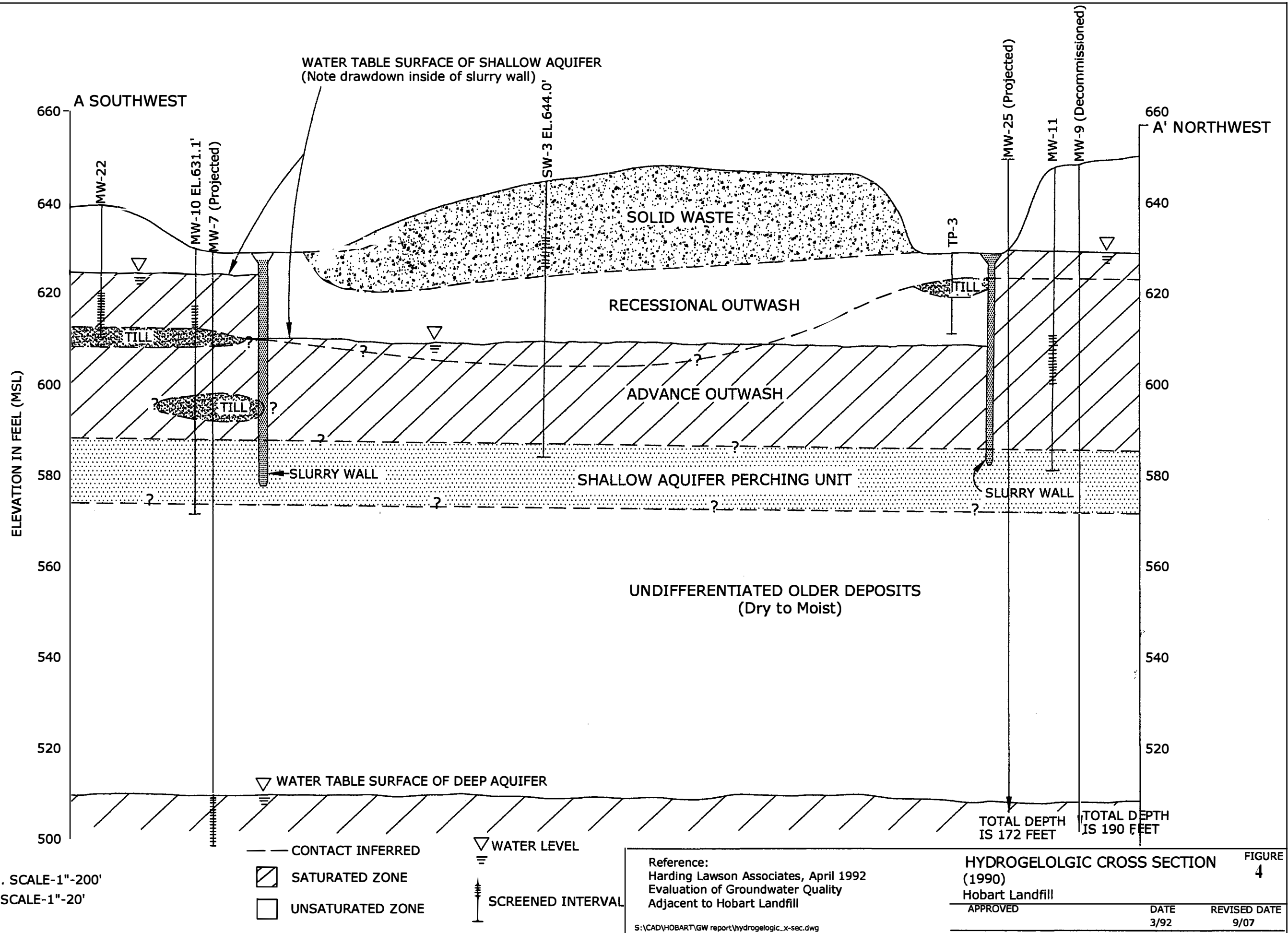


Figure 5. Shallow Aquifer Groundwater Elevations Hobart Landfill

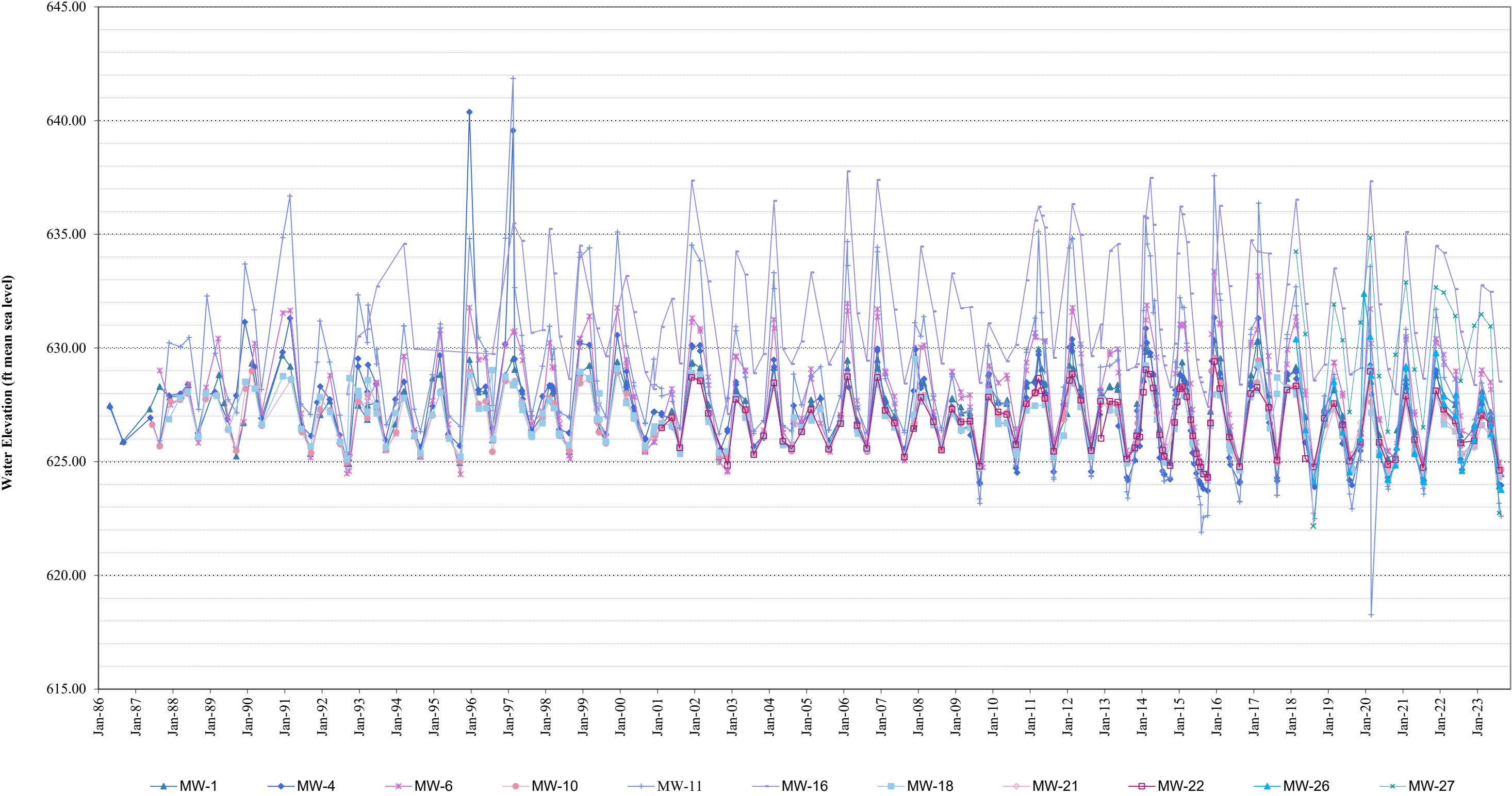


Figure 6. Deep Aquifer Groundwater Elevations
Hobart Landfill

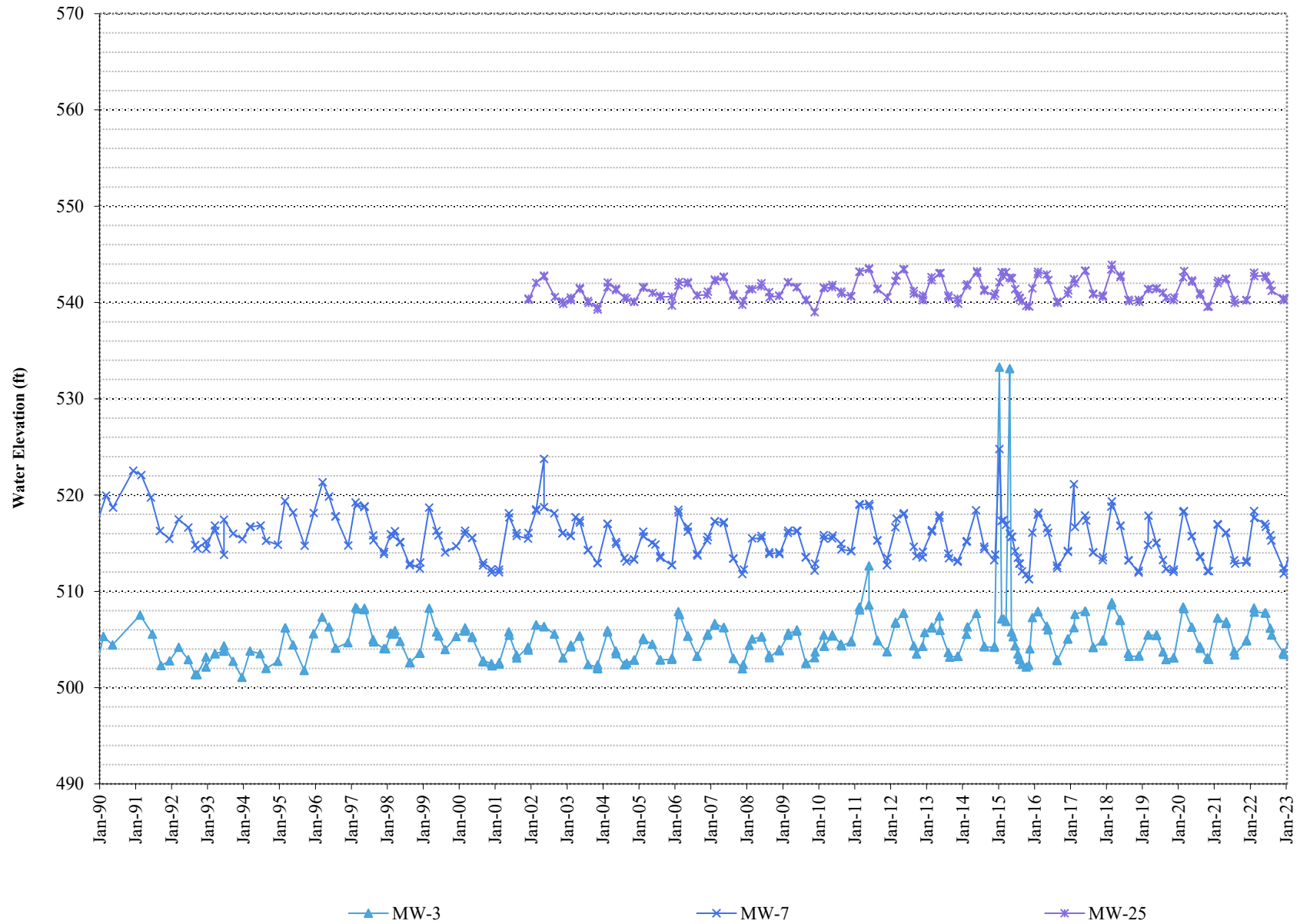


Figure 7. Slurry Wall Monitoring - Groundwater and Leachate Elevations
Hobart Landfill

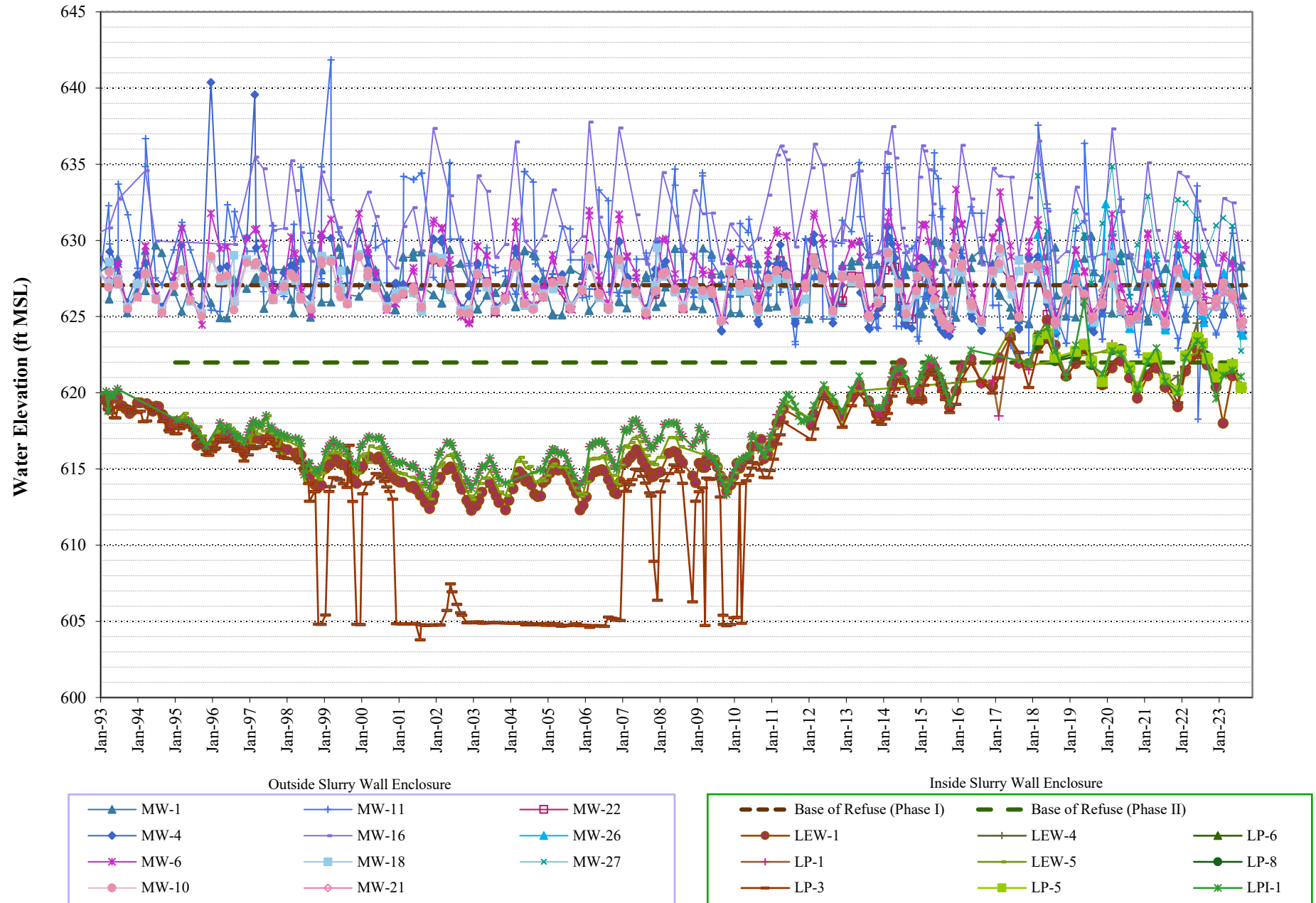


Table 1
Hobart Closed Landfill Groundwater Monitoring Well Completion Details

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
Hobart Landfill
1986 - September 2023

Well Location Time Interval	Shallow Aquifer							
	MW-1		MW-4		MW-6		MW-10	
	Long	Short	Long	Short	Long	Short	Long	Short
pH (Field), pH units								
No. of Analyses	129	8	136	8	134	8	129	8
No. of Detections	129	8	136	8	134	8	129	8
Minimum	5.60	5.23	4.98	5.24	5.93	6.31	5.60	5.47
Maximum	8.29	6.05	7.80	5.73	7.79	6.73	7.44	6.29
Mean	6.48	5.79	6.06	5.51	6.89	6.48	6.49	5.93
Standard Deviation	0.388	0.250	0.467	0.166	0.325	0.167	0.290	0.241
Median	6.43	5.87	6.00	5.56	6.94	6.42	6.53	5.90
Specific Conductance, (Field) umhos/cm								
No. of Analyses	131	8	136	8	135	8	130	8
No. of Detections	131	8	136	8	135	8	130	8
Minimum	50.90	48.50	36.00	35.20	11.50	90.30	60.90	54.60
Maximum	480.00	87.90	230.00	46.20	390.00	102.80	560.00	81.40
Mean	133.23	69.78	52.59	41.19	129.13	96.44	143.58	67.26
Standard Deviation	73.56	14.51	24.60	4.18	46.31	4.29	91.63	9.41
Median	110.00	69.35	45.05	41.95	115.00	95.90	110.00	66.65
Total Dissolved Solids, mg/L								
No. of Analyses	124	8	127	8	126	8	124	8
No. of Detections	124	8	124	8	125	8	124	8
Minimum	6.00	40.00	ND	23.30	ND	68.00	17.00	36.70
Maximum	286.00	62.00	96.00	43.30	190.00	85.30	230.00	56.00
Mean	75.76	52.99	36.68	34.70	84.46	77.34	78.25	48.09
Standard Deviation	32.78	8.74	12.93	6.44	22.70	5.38	35.06	8.25
Median	69.00	55.65	36.00	35.50	84.00	78.35	66.65	50.35
Ammonia as N, mg/L								
No. of Analyses	136	8	141	8	138	8	136	8
No. of Detections	126	6	16	0	19	0	135	8
Minimum	ND	ND	ND	ND	ND	ND	ND	0.129
Maximum	8.40	0.149	0.280	ND	1.00	ND	8.40	0.184
Mean	1.05	0.039	0.016	ID	0.022	ID	1.44	0.157
Standard Deviation	1.71	0.051	0.034	ID	0.090	ID	1.82	0.017
Median	0.200	0.019	0.005	ID	0.005	ID	0.840	0.159
Chloride, mg/L								
No. of Analyses	136	8	141	8	138	8	136	8
No. of Detections	119	8	138	8	138	8	113	8
Minimum	ND	0.772	ND	1.50	1.40	3.16	ND	0.363
Maximum	20.10	11.00	18.00	5.80	41.70	4.59	24.00	7.79
Mean	3.17	5.06	2.12	3.49	3.07	3.88	2.59	2.40
Standard Deviation	2.98	4.15	1.79	1.47	3.47	0.493	3.50	2.43
Median	2.55	4.29	2.00	3.10	2.62	3.76	1.42	2.09
Nitrate as N, mg/L								
No. of Analyses	136	8	141	8	138	8	136	8
No. of Detections	43	5	138	8	111	8	43	3
Minimum	ND	ND	ND	0.350	ND	0.125	ND	ND
Maximum	1.30	3.37	3.61	0.905	0.393	0.314	0.800	0.015
Mean	0.067	0.559	0.643	0.614	0.144	0.252	0.037	0.008
Standard Deviation	0.154	1.17	0.497	0.199	0.103	0.067	0.078	0.004
Median	0.025	0.024	0.526	0.638	0.100	0.272	0.021	0.005

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 - September 2023

Well Location Time Interval	Shallow Aquifer							
	MW-1		MW-4		MW-6		MW-10	
	Long	Short	Long	Short	Long	Short	Long	Short
Sulfate, mg/L								
No. of Analyses	136	8	141	8	138	8	136	8
No. of Detections	134	8	140	8	138	8	133	8
Minimum	ND	2.79	ND	1.68	3.31	3.40	ND	2.19
Maximum	130.00	4.03	58.00	2.14	13.00	3.95	67.00	3.66
Mean	9.94	3.70	3.87	1.94	5.58	3.60	9.01	2.96
Standard Deviation	12.66	0.414	5.07	0.139	2.02	0.215	9.27	0.498
Median	6.10	3.88	3.00	1.96	5.00	3.52	5.95	2.91
Alkalinity, mg/L								
No. of Analyses	105	8	106	8	107	8	105	8
No. of Detections	105	8	106	8	107	8	105	8
Minimum	16.30	11.50	8.20	8.90	37.70	42.30	23.40	21.50
Maximum	80.00	32.50	60.00	12.80	110.00	46.50	120.00	36.30
Mean	41.57	21.53	14.95	10.65	52.22	44.39	48.71	27.90
Standard Deviation	13.32	6.69	5.70	1.37	9.00	1.58	19.19	5.66
Median	41.20	20.45	14.00	10.65	50.00	45.10	44.00	26.70
Dissolved Arsenic, ug/L								
No. of Analyses	135	8	140	8	137	8	135	8
No. of Detections	68	7	2	3	22	8	134	8
Minimum	ND	ND	ND	ND	ND	0.296	ND	3.04
Maximum	12.00	0.188	2.50	0.058	4.00	0.360	12.00	4.50
Mean	2.98	0.094	ID	0.036	0.677	0.319	6.62	3.83
Standard Deviation	3.76	0.046	ID	0.016	0.634	0.020	1.65	0.527
Median	0.500	0.085	ID	0.025	0.500	0.318	6.50	3.88
Dissolved Calcium, mg/L								
No. of Analyses	116	8	118	8	118	8	116	8
No. of Detections	116	8	118	8	118	8	116	8
Minimum	5.72	5.86	2.84	3.70	5.60	11.20	6.42	5.93
Maximum	47.00	10.60	6.88	4.23	28.20	12.60	42.00	8.60
Mean	12.70	8.39	4.31	4.05	13.24	11.94	13.10	7.56
Standard Deviation	5.33	1.56	0.881	0.206	3.36	0.414	6.35	0.933
Median	12.00	8.52	4.08	4.13	12.00	11.95	11.05	7.75
Dissolved Magnesium, mg/L								
No. of Analyses	116	8	118	8	118	8	116	8
No. of Detections	116	8	118	8	118	8	116	8
Minimum	1.50	1.57	0.610	0.838	1.60	3.92	1.23	1.45
Maximum	8.10	2.48	1.42	1.01	8.91	4.45	5.60	2.13
Mean	2.80	2.06	0.864	0.925	4.56	4.26	2.27	1.82
Standard Deviation	1.09	0.360	0.160	0.058	1.00	0.181	0.677	0.244
Median	2.52	2.16	0.830	0.920	4.23	4.30	2.10	1.85
Dissolved Potassium, mg/L								
No. of Analyses	116	8	118	8	118	8	116	8
No. of Detections	116	8	118	8	117	8	115	8
Minimum	0.899	0.737	0.490	0.561	ND	0.668	ND	0.958
Maximum	5.10	1.34	1.90	0.665	1.20	0.747	6.30	1.14
Mean	1.87	1.11	0.874	0.627	0.708	0.705	2.61	1.06
Standard Deviation	0.839	0.212	0.276	0.036	0.128	0.028	1.39	0.075
Median	1.61	1.08	0.790	0.635	0.690	0.706	2.55	1.09

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 - September 2023

Well Location Time Interval	Shallow Aquifer							
	MW-1		MW-4		MW-6		MW-10	
	Long	Short	Long	Short	Long	Short	Long	Short
Dissolved Sodium, mg/L								
No. of Analyses	116	8	118	8	118	8	116	8
No. of Detections	116	8	118	8	118	8	116	8
Minimum	1.18	1.22	2.00	2.41	3.00	3.61	1.31	1.40
Maximum	7.78	2.65	3.72	3.02	6.07	4.12	7.00	1.92
Mean	2.54	2.03	2.66	2.73	4.00	3.82	2.57	1.63
Standard Deviation	1.11	0.600	0.363	0.267	0.606	0.172	1.35	0.174
Median	2.30	2.12	2.60	2.73	3.84	3.80	2.00	1.62
Dissolved Iron, mg/L								
No. of Analyses	136	8	141	8	138	8	136	8
No. of Detections	129	6	61	1	81	0	136	8
Minimum	ND	ND	ND	ND	ND	ND	2.40	2.26
Maximum	24.00	0.733	1.90	0.011	110.00	ND	19.00	3.72
Mean	3.54	0.172	0.047	ID	0.859	ID	5.28	3.15
Standard Deviation	4.67	0.246	0.188	ID	9.36	ID	3.13	0.493
Median	1.22	0.080	0.006	ID	0.022	ID	4.01	3.21
Dissolved Manganese, ug/L								
No. of Analyses	136	8	141	8	138	8	135	8
No. of Detections	136	8	43	8	116	8	135	8
Minimum	18.20	9.18	ND	0.256	ND	0.294	351.00	269.00
Maximum	6680.00	1760.00	1800.00	0.389	2650.00	3.42	4200.00	442.00
Mean	1522.20	721.46	48.79	0.320	106.67	0.965	1225.10	371.75
Standard Deviation	919.27	629.50	241.30	0.047	301.91	1.06	847.89	53.47
Median	1505.00	818.00	0.500	0.322	3.00	0.526	996.00	381.50
1,1-Dichloroethane, ug/L								
No. of Analyses	136	8	140	8	138	8	136	8
No. of Detections	2	0	0	0	39	0	5	0
Minimum	ND	ND	ND	ND	ND	ND	ND	ND
Maximum	2.50	ND	ND	ND	2.50	ND	3.00	ND
Mean	ID	ID	ID	ID	0.288	ID	0.223	ID
Standard Deviation	ID	ID	ID	ID	0.324	ID	0.435	ID
Median	ID	ID	ID	ID	0.100	ID	0.100	ID
Cis-1,2-Dichloroethene, ug/L								
No. of Analyses	125	8	128	8	128	8	124	8
No. of Detections	0	0	0	0	0	0	3	0
Minimum	ND	ND	ND	ND	ND	ND	ND	ND
Maximum	ND	ND	ND	ND	ND	ND	1.00	ND
Mean	ID	ID	ID	ID	ID	ID	0.129	ID
Standard Deviation	ID	ID	ID	ID	ID	ID	0.130	ID
Median	ID	ID	ID	ID	ID	ID	0.100	ID
Dichlorodifluoromethane, ug/L								
No. of Analyses	80	8	81	8	82	8	80	8
No. of Detections	0	0	0	0	20	0	0	0
Minimum	ND	ND	ND	ND	ND	ND	ND	ND
Maximum	ND	ND	ND	ND	1.00	ND	ND	ND
Mean	ID	ID	ID	ID	0.183	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	0.210	ID	ID	ID
Median	ID	ID	ID	ID	0.100	ID	ID	ID

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 - September 2023

Well Location Time Interval	Shallow Aquifer							
	MW-1		MW-4		MW-6		MW-10	
	Long	Short	Long	Short	Long	Short	Long	Short
1,1,1-Trichloroethane, ug/L								
No. of Analyses	136	8	140	8	138	8	136	8
No. of Detections	0	0	0	0	47	0	0	0
Minimum	ND	ND	ND	ND	ND	ND	ND	ND
Maximum	ND	ND	ND	ND	3.00	ND	ND	ND
Mean	ID	ID	ID	ID	0.346	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	0.509	ID	ID	ID
Median	ID	ID	ID	ID	0.100	ID	ID	ID
Vinyl Chloride, ug/L								
No. of Analyses	136	8	140	8	138	8	136	8
No. of Detections	2	0	0	0	3	0	2	0
Minimum	ND	ND	ND	ND	ND	ND	ND	ND
Maximum	5.00	ND	ND	ND	5.00	ND	5.00	ND
Mean	ID	ID	ID	ID	0.150	ID	ID	ID
Standard Deviation	ID	ID	ID	ID	0.489	ID	ID	ID
Median	ID	ID	ID	ID	0.010	ID	ID	ID

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 - September 2023

Well Location Time Interval	Shallow Aquifer					
	MW-11		MW-18		MW-26	
	Long	Short	Long	Short	Long	Short
pH (Field), pH units						
No. of Analyses	134	8	121	8	8	8
No. of Detections	134	8	121	8	8	8
Minimum	5.40	5.33	5.58	5.44	5.17	5.11
Maximum	8.86	6.22	8.44	8.04	7.24	5.90
Mean	6.25	5.80	6.49	6.04	5.84	5.68
Standard Deviation	0.540	0.307	0.521	0.843	0.629	0.245
Median	6.15	5.82	6.48	5.83	5.70	5.76
Specific Conductance, (Field) umhos/cm						
No. of Analyses	135	8	122	8	8	8
No. of Detections	135	8	122	8	8	8
Minimum	39.00	50.20	4.90	34.09	35.60	31.70
Maximum	490.00	89.70	450.00	46.10	48.10	53.60
Mean	58.97	60.88	82.96	42.55	43.21	45.36
Standard Deviation	38.96	12.55	81.75	4.00	3.98	7.26
Median	53.30	57.55	57.50	44.05	43.95	46.85
Total Dissolved Solids, mg/L						
No. of Analyses	125	8	114	8	8	8
No. of Detections	123	8	113	8	8	8
Minimum	ND	28.70	ND	28.70	27.30	16.00
Maximum	92.00	62.70	160.00	45.30	49.30	44.70
Mean	40.65	45.51	47.75	38.84	36.45	35.00
Standard Deviation	14.94	10.44	19.23	5.01	6.52	9.79
Median	40.70	46.00	45.65	38.65	36.70	38.65
Ammonia as N, mg/L						
No. of Analyses	137	8	125	8	8	8
No. of Detections	14	0	32	1	1	1
Minimum	ND	ND	ND	ND	ND	ND
Maximum	0.170	ND	0.330	0.002	0.018	0.003
Mean	0.013	ID	0.023	ID	ID	ID
Standard Deviation	0.021	ID	0.048	ID	ID	ID
Median	0.005	ID	0.005	ID	ID	ID
Chloride, mg/L						
No. of Analyses	137	8	125	8	8	8
No. of Detections	135	8	125	8	8	8
Minimum	ND	2.83	0.929	1.23	1.17	1.57
Maximum	10.10	7.19	25.00	1.81	3.46	6.94
Mean	2.33	4.27	2.84	1.49	2.34	4.17
Standard Deviation	1.15	1.57	3.98	0.204	0.929	1.83
Median	2.00	3.63	1.91	1.54	2.63	3.64
Nitrate as N, mg/L						
No. of Analyses	137	8	125	8	8	8
No. of Detections	136	8	92	8	8	8
Minimum	ND	0.284	ND	0.021	0.403	0.289
Maximum	1.20	0.680	3.30	0.106	0.712	1.44
Mean	0.462	0.453	0.119	0.064	0.570	0.701
Standard Deviation	0.226	0.152	0.336	0.035	0.102	0.406
Median	0.390	0.415	0.050	0.069	0.561	0.702

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
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Well Location Time Interval	Shallow Aquifer					
	MW-11		MW-18		MW-26	
	Long	Short	Long	Short	Long	Short
Sulfate, mg/L						
No. of Analyses	137	8	125	8	8	8
No. of Detections	133	8	125	8	8	8
Minimum	ND	2.09	2.00	2.43	1.61	1.24
Maximum	13.00	2.55	17.00	2.85	2.21	1.89
Mean	2.78	2.35	3.86	2.70	2.01	1.72
Standard Deviation	1.08	0.159	1.91	0.160	0.203	0.252
Median	2.70	2.35	3.12	2.75	2.06	1.85
Alkalinity, mg/L						
No. of Analyses	106	8	95	8	8	8
No. of Detections	106	8	95	8	8	8
Minimum	10.10	17.40	11.00	15.70	9.24	9.54
Maximum	40.20	34.00	44.00	19.60	15.40	15.00
Mean	20.42	20.85	23.18	17.11	12.02	11.98
Standard Deviation	6.28	5.61	6.38	1.47	2.09	2.05
Median	19.40	18.45	22.00	16.65	12.05	11.10
Dissolved Arsenic, ug/L						
No. of Analyses	136	8	124	8	8	8
No. of Detections	19	8	61	8	8	8
Minimum	ND	0.063	ND	0.156	0.070	0.060
Maximum	2.50	0.100	3.00	0.185	0.089	0.092
Mean	0.602	0.075	1.12	0.171	0.079	0.075
Standard Deviation	0.572	0.013	0.869	0.011	0.006	0.012
Median	0.500	0.072	0.500	0.171	0.078	0.075
Dissolved Calcium, mg/L						
No. of Analyses	117	8	106	8	8	8
No. of Detections	117	8	106	8	8	8
Minimum	3.60	5.68	3.85	4.52	3.47	3.05
Maximum	10.90	10.90	9.52	5.61	4.65	5.53
Mean	5.59	6.91	5.72	5.02	4.10	4.51
Standard Deviation	1.63	1.69	1.31	0.423	0.467	0.733
Median	5.10	6.32	5.24	4.94	4.23	4.57
Dissolved Magnesium, mg/L						
No. of Analyses	117	8	106	8	8	8
No. of Detections	117	8	106	8	8	8
Minimum	0.960	1.41	0.110	0.903	0.889	0.756
Maximum	3.00	3.04	1.90	1.10	1.26	1.32
Mean	1.47	1.78	1.14	1.01	1.06	1.11
Standard Deviation	0.441	0.525	0.253	0.066	0.141	0.184
Median	1.36	1.65	1.10	1.02	1.10	1.14
Dissolved Potassium, mg/L						
No. of Analyses	116	8	106	8	8	8
No. of Detections	109	8	103	8	8	8
Minimum	ND	0.351	ND	0.564	0.401	0.416
Maximum	0.800	0.473	1.20	0.670	0.506	0.538
Mean	0.389	0.410	0.616	0.615	0.462	0.475
Standard Deviation	0.105	0.036	0.151	0.037	0.039	0.045
Median	0.380	0.410	0.590	0.612	0.468	0.467

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
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Well Location Time Interval	Shallow Aquifer					
	MW-11		MW-18		MW-26	
	Long	Short	Long	Short	Long	Short
Dissolved Sodium, mg/L						
No. of Analyses	117	8	106	8	8	8
No. of Detections	117	8	106	8	8	8
Minimum	2.30	2.91	2.50	2.76	2.61	2.46
Maximum	4.50	3.82	5.97	3.15	3.44	3.48
Mean	3.01	3.32	3.47	2.95	2.99	3.05
Standard Deviation	0.356	0.302	0.812	0.147	0.287	0.336
Median	3.00	3.31	3.17	2.91	3.01	3.07
Dissolved Iron, mg/L						
No. of Analyses	137	8	125	8	8	8
No. of Detections	63	0	105	1	0	2
Minimum	ND	ND	ND	ND	ND	ND
Maximum	3.06	ND	80.40	0.031	ND	0.013
Mean	0.063	ID	0.883	ID	ID	ID
Standard Deviation	0.317	ID	7.18	ID	ID	ID
Median	0.006	ID	0.165	ID	ID	ID
Dissolved Manganese, ug/L						
No. of Analyses	137	8	124	8	8	8
No. of Detections	27	7	124	8	8	8
Minimum	ND	ND	0.578	0.322	1.58	1.07
Maximum	80.00	0.422	10500.00	2.72	2.42	1.86
Mean	1.73	0.191	1412.48	0.915	1.90	1.37
Standard Deviation	7.22	0.117	1774.18	0.761	0.348	0.230
Median	0.500	0.160	1100.00	0.764	1.78	1.35
1,1-Dichloroethane, ug/L						
No. of Analyses	137	8	125	8	8	8
No. of Detections	0	0	3	0	0	0
Minimum	ND	ND	ND	ND	ND	ND
Maximum	ND	ND	2.50	ND	ND	ND
Mean	ID	ID	0.181	ID	ID	ID
Standard Deviation	ID	ID	0.272	ID	ID	ID
Median	ID	ID	0.100	ID	ID	ID
Cis-1,2-Dichloroethene, ug/L						
No. of Analyses	127	8	115	8	8	8
No. of Detections	0	0	23	0	0	0
Minimum	ND	ND	ND	ND	ND	ND
Maximum	ND	ND	2.00	ND	ND	ND
Mean	ID	ID	0.233	ID	ID	ID
Standard Deviation	ID	ID	0.409	ID	ID	ID
Median	ID	ID	0.100	ID	ID	ID
Dichlorodifluoromethane, ug/L						
No. of Analyses	81	8	71	8	8	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

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
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1986 - September 2023

Well Location Time Interval	Shallow Aquifer					
	MW-11		MW-18		MW-26	
	Long	Short	Long	Short	Long	Short
1,1,1-Trichloroethane, ug/L						
No. of Analyses	137	8	125	8	8	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
Vinyl Chloride, ug/L						
No. of Analyses	137	8	125	8	8	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

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 - September 2023

Well Location Time Interval	Deep Aquifer					
	MW-3		MW-7		MW-25	
	Long	Short	Long	Short	Long	Short
pH (Field), pH units						
No. of Analyses	135	8	134	8	81	8
No. of Detections	135	8	134	8	81	8
Minimum	5.76	6.96	5.78	7.07	6.72	7.57
Maximum	8.17	7.49	8.36	8.04	8.37	7.98
Mean	7.46	7.26	7.33	7.43	7.78	7.75
Standard Deviation	0.359	0.195	0.370	0.313	0.313	0.140
Median	7.54	7.29	7.41	7.33	7.85	7.74
Specific Conductance, (Field) umhos/cm						
No. of Analyses	136	8	134	8	81	8
No. of Detections	136	8	134	8	81	8
Minimum	87.00	134.00	220.00	221.20	81.00	95.30
Maximum	163.70	146.40	561.00	242.60	111.40	106.50
Mean	125.14	140.35	341.84	234.04	96.86	100.70
Standard Deviation	16.73	5.35	90.87	8.32	8.51	3.56
Median	120.00	140.20	310.00	237.15	95.00	101.20
Total Dissolved Solids, mg/L						
No. of Analyses	127	8	125	8	81	8
No. of Detections	127	8	125	8	81	8
Minimum	16.00	86.70	64.00	141.00	25.00	64.00
Maximum	111.00	105.00	350.00	165.00	100.00	86.70
Mean	83.40	98.16	214.08	156.75	68.22	75.51
Standard Deviation	16.47	5.62	55.82	7.46	13.20	6.60
Median	85.00	99.30	190.00	158.00	70.40	75.00
Ammonia as N, mg/L						
No. of Analyses	140	8	138	8	81	8
No. of Detections	28	8	20	1	4	1
Minimum	ND	0.002	ND	ND	ND	ND
Maximum	0.090	0.004	0.228	0.002	0.080	0.006
Mean	0.012	0.003	0.016	ID	0.008	ID
Standard Deviation	0.013	0.001	0.028	ID	0.010	ID
Median	0.005	0.003	0.005	ID	0.005	ID
Chloride, mg/L						
No. of Analyses	140	8	138	8	81	8
No. of Detections	140	8	138	8	81	8
Minimum	1.00	3.86	1.98	1.97	2.00	3.39
Maximum	5.00	4.33	18.00	2.32	5.65	3.68
Mean	2.83	4.05	7.13	2.13	3.17	3.51
Standard Deviation	0.678	0.186	4.48	0.121	0.670	0.117
Median	3.00	4.00	6.00	2.14	3.35	3.47
Nitrate as N, mg/L						
No. of Analyses	139	8	138	8	81	8
No. of Detections	68	0	87	8	81	8
Minimum	ND	ND	ND	0.012	0.183	0.170
Maximum	1.09	ND	0.300	0.020	0.380	0.194
Mean	0.042	ID	0.038	0.016	0.269	0.182
Standard Deviation	0.102	ID	0.035	0.003	0.053	0.008
Median	0.025	ID	0.030	0.017	0.274	0.182

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Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
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Well Location Time Interval	Deep Aquifer					
	MW-3		MW-7		MW-25	
	Long	Short	Long	Short	Long	Short
Sulfate, mg/L						
No. of Analyses	140	8	138	8	81	8
No. of Detections	131	8	138	8	81	8
Minimum	ND	3.24	1.20	8.99	1.80	2.72
Maximum	4.50	3.73	18.00	9.57	2.90	3.07
Mean	2.54	3.46	9.47	9.26	2.30	2.87
Standard Deviation	0.716	0.192	3.23	0.242	0.315	0.134
Median	2.82	3.42	10.45	9.28	2.23	2.85
Alkalinity, mg/L						
No. of Analyses	108	8	105	8	81	8
No. of Detections	108	8	105	8	81	8
Minimum	41.00	69.20	100.00	121.00	35.60	46.80
Maximum	73.10	72.80	280.00	129.00	97.90	49.10
Mean	62.30	71.56	164.14	125.63	42.84	48.08
Standard Deviation	6.37	1.27	37.80	3.11	6.79	0.824
Median	62.00	71.85	150.00	127.00	42.40	48.30
Dissolved Arsenic, ug/L						
No. of Analyses	140	8	138	8	81	8
No. of Detections	21	8	25	8	78	8
Minimum	ND	0.203	ND	0.235	ND	1.03
Maximum	2.50	0.234	7.00	0.326	1.60	1.14
Mean	0.656	0.217	0.765	0.270	1.11	1.09
Standard Deviation	0.594	0.011	0.894	0.032	0.174	0.034
Median	0.500	0.216	0.500	0.257	1.10	1.09
Dissolved Calcium, mg/L						
No. of Analyses	119	8	117	8	81	8
No. of Detections	118	8	117	8	81	8
Minimum	ND	14.50	28.30	30.80	6.80	10.60
Maximum	20.00	15.40	77.10	33.60	11.00	11.50
Mean	11.51	14.99	44.60	32.05	9.18	11.13
Standard Deviation	2.27	0.295	14.21	0.999	1.19	0.292
Median	11.00	15.10	38.00	32.05	9.03	11.20
Dissolved Magnesium, mg/L						
No. of Analyses	119	8	117	8	81	8
No. of Detections	119	8	117	8	81	8
Minimum	0.026	5.52	10.00	10.30	2.60	3.89
Maximum	6.40	6.01	23.70	11.20	4.39	4.53
Mean	4.25	5.68	14.36	10.80	3.46	4.24
Standard Deviation	0.857	0.183	4.02	0.288	0.493	0.181
Median	4.20	5.60	12.30	10.80	3.39	4.24
Dissolved Potassium, mg/L						
No. of Analyses	119	8	117	8	81	8
No. of Detections	118	8	117	8	81	8
Minimum	ND	0.784	0.700	0.938	0.380	0.528
Maximum	1.20	0.845	1.80	1.02	0.620	0.581
Mean	0.706	0.815	1.08	0.979	0.503	0.557
Standard Deviation	0.131	0.025	0.183	0.034	0.052	0.021
Median	0.700	0.818	1.00	0.975	0.503	0.560

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 - September 2023

Well Location Time Interval	Deep Aquifer					
	MW-3		MW-7		MW-25	
	Long	Short	Long	Short	Long	Short
Dissolved Sodium, mg/L						
No. of Analyses	119	8	117	8	81	8
No. of Detections	119	8	117	8	81	8
Minimum	3.10	9.88	6.60	7.56	4.10	5.25
Maximum	12.00	11.10	12.00	8.09	6.40	5.93
Mean	8.91	10.34	8.68	7.80	5.00	5.58
Standard Deviation	1.05	0.501	1.27	0.195	0.517	0.227
Median	8.70	10.15	8.22	7.74	5.00	5.54
Dissolved Iron, mg/L						
No. of Analyses	140	8	138	8	81	8
No. of Detections	60	3	69	1	28	0
Minimum	ND	ND	ND	ND	ND	ND
Maximum	0.330	0.012	0.730	0.028	0.071	ND
Mean	0.029	0.007	0.060	ID	0.016	ID
Standard Deviation	0.053	0.003	0.087	ID	0.017	ID
Median	0.010	0.005	0.011	ID	0.005	ID
Dissolved Manganese, ug/L						
No. of Analyses	140	8	138	8	81	8
No. of Detections	138	8	28	4	6	2
Minimum	ND	66.60	ND	ND	ND	ND
Maximum	72.80	72.00	280.00	0.272	9.00	0.111
Mean	44.44	69.51	5.51	0.126	0.604	ID
Standard Deviation	13.98	1.68	31.15	0.091	1.13	ID
Median	44.00	69.50	0.500	0.085	0.500	ID
1,1-Dichloroethane, ug/L						
No. of Analyses	140	8	139	8	81	8
No. of Detections	0	0	40	1	0	0
Minimum	ND	ND	ND	ND	ND	ND
Maximum	ND	ND	2.50	0.104	ND	ND
Mean	ID	ID	0.250	ID	ID	ID
Standard Deviation	ID	ID	0.323	ID	ID	ID
Median	ID	ID	0.100	ID	ID	ID
Cis-1,2-Dichloroethene, ug/L						
No. of Analyses	128	8	128	8	81	8
No. of Detections	0	0	1	0	0	0
Minimum	ND	ND	ND	ND	ND	ND
Maximum	ND	ND	0.500	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
Dichlorodifluoromethane, ug/L						
No. of Analyses	82	8	81	8	56	8
No. of Detections	20	4	20	0	46	8
Minimum	ND	ND	ND	ND	ND	0.297
Maximum	0.500	0.141	1.50	ND	0.601	0.489
Mean	0.125	0.090	0.202	ID	0.324	0.368
Standard Deviation	0.073	0.043	0.245	ID	0.137	0.073
Median	0.100	0.085	0.100	ID	0.330	0.352

Table 2
Descriptive Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 - September 2023

Well Location Time Interval	Deep Aquifer					
	MW-3		MW-7		MW-25	
	Long	Short	Long	Short	Long	Short
1,1,1-Trichloroethane, ug/L						
No. of Analyses	140	8	139	8	81	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
Vinyl Chloride, ug/L						
No. of Analyses	140	8	139	8	81	8
No. of Detections	0	0	1	0	0	0
Minimum	ND	ND	ND	ND	ND	ND
Maximum	ND	ND	5.00	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 - eight most recent analyses in the last two years.
- Long - historical data up to the last eight samples.
- umhos/cm - microSiemens per centimeter
- mg/L - milligram per liter
- ug/L - microgram per liter
- ID - insufficient Data (i.e. the number of detections is less than 3)
- ND - Not Detected (i.e. at laboratory MDL - Method Detection Limit)

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location Time Interval	Shallow Aquifer							
	MW-1		MW-4		MW-6		MW-10	
	Long	Short	Long	Short	Long	Short	Long	Short
pH, (Field) pH units								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	D	--	--	--	D	--	D	--
S-value	-381	0	-2	12	-565	4	-288	3
Probability	0.001	1.00	0.993	0.174	0.000	0.711	0.016	0.803
Significant	YES	NO	NO	NO	YES	NO	YES	NO
Specific Conductance, (Field) umhos/cm								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	D	--	--	I	D	--	D	--
S-value	-279	8	-202	20	-366	8	-672	0
Probability	0.020	0.386	0.092	0.019	0.002	0.386	0.000	1.00
Significant	YES	NO	NO	YES	YES	NO	YES	NO
Alkalinity, total (CaCO₃), mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	D	--	--	--	D	--	D	--
S-value	-494	-6	-225	2	-724	1	-792	-10
Probability	0.000	0.536	0.061	0.902	0.000	1.00	0.000	0.266
Significant	YES	NO	NO	NO	YES	NO	YES	NO
Ammonia as N, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	42	6	3	0	3	0	50	8
Trend	--	--	D	--	D	--	D	D
S-value	-120	-3	-496	--	-432	--	-1070	-20
Probability	0.319	0.803	0.000	--	0.000	--	0.000	0.019
Significant	NO	NO	YES	--	YES	--	YES	YES
Chloride, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	--	--	--	--	--	--	--	--
S-value	99	10	13	10	-12	8	38	4
Probability	0.412	0.266	0.920	0.266	0.927	0.386	0.757	0.711
Significant	NO	NO	NO	NO	NO	NO	NO	NO
Nitrate as N, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	26	5	50	8	50	8	26	3
Trend	--	--	--	--	--	--	--	--
S-value	95	-7	-19	0	221	-6	-28	6
Probability	0.404	0.445	0.880	1.00	0.066	0.536	0.810	0.474
Significant	NO	NO	NO	NO	NO	NO	NO	NO

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location Time Interval	Shallow Aquifer							
	MW-1		MW-4		MW-6		MW-10	
	Long	Short	Long	Short	Long	Short	Long	Short
Sulfate, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	D	--	D	--	D	--	D	--
S-value	-680	8	-336	-3	-640	14	-466	6
Probability	0.000	0.386	0.005	0.803	0.000	0.108	0.000	0.536
Significant	YES	NO	YES	NO	YES	NO	YES	NO
Total Dissolved Solids, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	--	--	--	--	D	--	D	--
S-value	-202	13	121	12	-295	9	-354	9
Probability	0.093	0.135	0.315	0.174	0.014	0.319	0.003	0.319
Significant	NO	NO	NO	NO	YES	NO	YES	NO
Dissolved Arsenic, ug/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	18	7	2	3	18	8	50	8
Trend	D	--	--	--	D	--	D	--
S-value	-577	6	--	-2	-557	-10	-852	-16
Probability	0.000	0.536	--	0.886	0.000	0.266	0.000	0.063
Significant	YES	NO	--	NO	YES	NO	YES	NO
Dissolved Calcium, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	D	--	--	I	--	--	D	--
S-value	-271	4	2	25	123	-8	-733	-4
Probability	0.024	0.711	0.993	0.003	0.306	0.379	0.000	0.711
Significant	YES	NO	NO	YES	NO	NO	YES	NO
Dissolved Iron, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	43	6	1	1	1	0	50	8
Trend	--	--	--	--	--	--	--	--
S-value	-59	-5	--	--	--	--	-164	-6
Probability	0.627	0.618	--	--	--	--	0.173	0.536
Significant	NO	NO	--	--	--	--	NO	NO
Dissolved Magnesium, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	--	--	--	I	--	--	D	--
S-value	-197	5	164	22	140	1	-565	-2
Probability	0.101	0.618	0.173	0.009	0.245	1.00	0.000	0.902
Significant	NO	NO	NO	YES	NO	NO	YES	NO

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location Time Interval	Shallow Aquifer							
	MW-1		MW-4		MW-6		MW-10	
	Long	Short	Long	Short	Long	Short	Long	Short
Dissolved Manganese, ug/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	20	8	30	8	50	8
Trend	--	--	D	--	--	--	D	--
S-value	-3	2	-503	0	52	6	-902	-14
Probability	0.987	0.902	0.000	1.00	0.659	0.536	0.000	0.108
Significant	NO	NO	YES	NO	NO	NO	YES	NO
Dissolved Potassium, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	D	--	--	--	I	--	D	--
S-value	-337	-1	-216	8	258	-10	-868	-7
Probability	0.005	1.00	0.072	0.386	0.032	0.266	0.000	0.454
Significant	YES	NO	NO	NO	YES	NO	YES	NO
Dissolved Sodium, mg/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8	50	8
Trend	I	--	I	I	I	--	--	--
S-value	352	-2	345	20	447	11	15	12
Probability	0.003	0.902	0.004	0.019	0.000	0.212	0.907	0.174
Significant	YES	NO	YES	YES	YES	NO	NO	NO
1,1,1-Trichloroethane, ug/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	0	0	0	0	1	0	0	0
Trend	--	--	--	--	--	--	--	--
S-value	--	--	--	--	--	--	--	--
Probability	--	--	--	--	--	--	--	--
Significant	--	--	--	--	--	--	--	--
1,1-Dichloroethane, ug/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	0	0	0	0	1	0	0	0
Trend	--	--	--	--	--	--	--	--
S-value	--	--	--	--	--	--	--	--
Probability	--	--	--	--	--	--	--	--
Significant	--	--	--	--	--	--	--	--

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location Time Interval	Shallow Aquifer							
	MW-1		MW-4		MW-6		MW-10	
	Long	Short	Long	Short	Long	Short	Long	Short
Cis-1,2-Dichloroethene, ug/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	0	0	0	0	0	0	0	0
Trend	--	--	--	--	--	--	--	--
S-value	--	--	--	--	--	--	--	--
Probability	--	--	--	--	--	--	--	--
Significant	--	--	--	--	--	--	--	--
Vinyl Chloride, ug/L								
No. of Analyses	50	8	50	8	50	8	50	8
No. of Detections	2	0	0	0	0	0	0	0
Trend	--	--	--	--	--	--	--	--
S-value	--	--	--	--	--	--	--	--
Probability	--	--	--	--	--	--	--	--
Significant	--	--	--	--	--	--	--	--

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location Time Interval	Shallow Aquifer					
	MW-11		MW-18		MW-26	
	Long	Short	Long	Short	Long	Short
pH, (Field) pH units						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	50	8	8	8
Trend	--	--	--	--	D	--
S-value	14	5	-80	3	-24	-6
Probability	0.913	0.618	0.509	0.803	0.004	0.536
Significant	NO	NO	NO	NO	YES	NO
Specific Conductance, (Field) umhos/cm						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	50	8	8	8
Trend	--	--	D	--	--	I
S-value	-9	16	-683	6	9	20
Probability	0.947	0.063	0.000	0.536	0.319	0.019
Significant	NO	NO	YES	NO	NO	YES
Alkalinity, total (CaCO₃), mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	50	8	8	8
Trend	--	--	D	--	--	--
S-value	-69	4	-583	7	2	4
Probability	0.569	0.711	0.000	0.454	0.902	0.711
Significant	NO	NO	YES	NO	NO	NO
Ammonia as N, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	4	0	7	1	1	1
Trend	D	--	D	--	--	--
S-value	-512	--	-708	--	--	--
Probability	0.000	--	0.000	--	--	--
Significant	YES	--	YES	--	--	--
Chloride, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	50	8	8	8
Trend	--	--	D	--	--	--
S-value	-38	8	-589	-10	12	10
Probability	0.757	0.386	0.000	0.266	0.174	0.266
Significant	NO	NO	YES	NO	NO	NO
Nitrate as N, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	46	8	8	8
Trend	--	--	--	--	--	--
S-value	141	6	-40	-8	7	8
Probability	0.242	0.536	0.744	0.386	0.454	0.386
Significant	NO	NO	NO	NO	NO	NO

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location	Shallow Aquifer					
	MW-11		MW-18		MW-26	
	Long	Short	Long	Short	Long	Short
Sulfate, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	50	8	8	8
Trend	D	I	--	--	I	--
S-value	-304	18	-58	3	18	-1
Probability	0.011	0.035	0.633	0.803	0.035	1.00
Significant	YES	YES	NO	NO	YES	NO
Total Dissolved Solids, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	50	8	8	8
Trend	--	I	--	--	--	I
S-value	30	20	-100	7	-7	20
Probability	0.808	0.019	0.407	0.454	0.454	0.019
Significant	NO	YES	NO	NO	NO	YES
Dissolved Arsenic, ug/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	18	8	11	8	8	8
Trend	D	--	D	--	--	--
S-value	-550	2	-414	-16	8	-16
Probability	0.000	0.902	0.000	0.063	0.386	0.063
Significant	YES	NO	YES	NO	NO	NO
Dissolved Calcium, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	50	8	8	8
Trend	--	--	D	--	--	I
S-value	117	14	-389	-2	8	20
Probability	0.332	0.108	0.001	0.902	0.386	0.019
Significant	NO	NO	YES	NO	NO	YES
Dissolved Iron, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	1	0	30	1	0	2
Trend	--	--	D	--	--	--
S-value	--	--	-900	--	--	--
Probability	--	--	0.000	--	--	--
Significant	--	--	YES	--	--	--
Dissolved Magnesium, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	50	8	8	8
Trend	--	--	D	--	--	I
S-value	154	14	-418	-6	11	20
Probability	0.200	0.108	0.000	0.536	0.212	0.019
Significant	NO	NO	YES	NO	NO	YES

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location Time Interval	Shallow Aquifer					
	MW-11		MW-18		MW-26	
	Long	Short	Long	Short	Long	Short
Dissolved Manganese, ug/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	16	7	50	8	8	8
Trend	D	D	D	--	--	--
S-value	-554	-20	-1071	12	0	-3
Probability	0.000	0.019	0.000	0.174	1.00	0.803
Significant	YES	YES	YES	NO	NO	NO
Dissolved Potassium, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	49	8	50	8	8	8
Trend	I	--	I	--	--	--
S-value	242	-3	241	-12	8	16
Probability	0.043	0.803	0.045	0.174	0.386	0.063
Significant	YES	NO	YES	NO	NO	NO
Dissolved Sodium, mg/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	50	8	50	8	8	8
Trend	I	--	--	--	--	I
S-value	397	16	-143	7	10	22
Probability	0.001	0.063	0.234	0.454	0.266	0.009
Significant	YES	NO	NO	NO	NO	YES
1,1,1-Trichloroethane, ug/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	0	0	0	0	0	0
Trend	--	--	--	--	--	--
S-value	--	--	--	--	--	--
Probability	--	--	--	--	--	--
Significant	--	--	--	--	--	--
1,1-Dichloroethane, ug/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	0	0	0	0	0	0
Trend	--	--	--	--	--	--
S-value	--	--	--	--	--	--
Probability	--	--	--	--	--	--
Significant	--	--	--	--	--	--

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location Time Interval	Shallow Aquifer					
	MW-11		MW-18		MW-26	
	Long	Short	Long	Short	Long	Short
Cis-1,2-Dichloroethene, ug/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	0	0	0	0	0	0
Trend	--	--	--	--	--	--
S-value	--	--	--	--	--	--
Probability	--	--	--	--	--	--
Significant	--	--	--	--	--	--
Vinyl Chloride, ug/L						
No. of Analyses	50	8	50	8	8	8
No. of Detections	0	0	0	0	0	0
Trend	--	--	--	--	--	--
S-value	--	--	--	--	--	--
Probability	--	--	--	--	--	--
Significant	--	--	--	--	--	--

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location	Deep Aquifer					
	MW-3		MW-7		MW-25	
	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	--	D	--
S-value	-260	2	-415	14	-287	4
Probability	0.030	0.902	0.001	0.108	0.017	0.711
Significant	YES	NO	YES	NO	YES	NO
Specific Conductance, (Field) umhos/cm						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	--	--	I	--
S-value	596	12	-40	-2	634	11
Probability	0.000	0.174	0.744	0.902	0.000	0.212
Significant	YES	NO	NO	NO	YES	NO
Alkalinity, total (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	616	16	-906	-2	763	12
Probability	0.000	0.063	0.000	0.900	0.000	0.174
Significant	YES	NO	YES	NO	YES	NO
Ammonia as N, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	19	8	6	1	2	1
Trend	D	--	D	--	--	--
S-value	-451	5	-584	--	--	--
Probability	0.000	0.618	0.000	--	--	--
Significant	YES	NO	YES	--	--	--
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	--	--
S-value	862	12	-924	18	-5	3
Probability	0.000	0.174	0.000	0.035	0.973	0.803
Significant	YES	NO	YES	YES	NO	NO
Nitrate as N, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	27	0	49	8	50	8
Trend	D	--	D	--	D	--
S-value	-730	--	-694	-3	-1054	-15
Probability	0.000	--	0.000	0.803	0.000	0.081
Significant	YES	--	YES	NO	YES	NO

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location	Deep Aquifer					
	MW-3		MW-7		MW-25	
	Long	Short	Long	Short	Long	Short
Sulfate, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	I	D	--	I	--
S-value	798	18	-875	2	871	12
Probability	0.000	0.035	0.000	0.902	0.000	0.174
Significant	YES	YES	YES	NO	YES	NO
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	619	15	-672	3	531	11
Probability	0.000	0.081	0.000	0.803	0.000	0.212
Significant	YES	NO	YES	NO	YES	NO
Dissolved Arsenic, ug/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	18	8	18	8	50	8
Trend	D	--	D	--	D	--
S-value	-479	-16	-548	-4	-554	-14
Probability	0.000	0.063	0.000	0.711	0.000	0.102
Significant	YES	NO	YES	NO	YES	NO
Dissolved Calcium, 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	722	-11	-474	-12	866	-6
Probability	0.000	0.203	0.000	0.174	0.000	0.530
Significant	YES	NO	YES	NO	YES	NO
Dissolved Iron, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	1	3	1	1	1	0
Trend	--	--	--	--	--	--
S-value	--	-4	--	--	--	--
Probability	--	0.667	--	--	--	--
Significant	--	NO	--	--	--	--
Dissolved Magnesium, 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	824	13	-229	-10	843	-3
Probability	0.000	0.135	0.056	0.258	0.000	0.803
Significant	YES	NO	NO	NO	YES	NO

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location Time Interval	Deep Aquifer					
	MW-3		MW-7		MW-25	
	Long	Short	Long	Short	Long	Short
Dissolved Manganese, ug/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	6	4	1	2
Trend	I	--	D	--	--	--
S-value	788	-1	-566	-4	--	--
Probability	0.000	1.00	0.000	0.690	--	--
Significant	YES	NO	YES	NO	--	--
Dissolved Potassium, 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	468	-6	150	-9	632	-10
Probability	0.000	0.536	0.212	0.319	0.000	0.266
Significant	YES	NO	NO	NO	YES	NO
Dissolved Sodium, mg/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	50	8	50	8	50	8
Trend	I	--	I	--	I	I
S-value	740	16	255	12	769	19
Probability	0.000	0.063	0.034	0.174	0.000	0.025
Significant	YES	NO	YES	NO	YES	YES
1,1,1-Trichloroethane, ug/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	0	0	0	0	0	0
Trend	--	--	--	--	--	--
S-value	--	--	--	--	--	--
Probability	--	--	--	--	--	--
Significant	--	--	--	--	--	--
1,1-Dichloroethane, ug/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	0	0	8	1	0	0
Trend	--	--	--	--	--	--
S-value	--	--	-161	--	--	--
Probability	--	--	0.103	--	--	--
Significant	--	--	NO	--	--	--

Table 3
Trend Statistical Analyses for Groundwater Well Samples
Hobart Landfill
1986 through September 2023

Well Location Time Interval	Deep Aquifer					
	MW-3		MW-7		MW-25	
	Long	Short	Long	Short	Long	Short
Cis-1,2-Dichloroethene, ug/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	0	0	0	0	0	0
Trend	--	--	--	--	--	--
S-value	--	--	--	--	--	--
Probability	--	--	--	--	--	--
Significant	--	--	--	--	--	--
Vinyl Chloride, ug/L						
No. of Analyses	50	8	50	8	50	8
No. of Detections	0	0	0	0	0	0
Trend	--	--	--	--	--	--
S-value	--	--	--	--	--	--
Probability	--	--	--	--	--	--
Significant	--	--	--	--	--	--

NOTES:

Short - eight most recent analyses in the last two years.

Long - historical data up to the last eight samples, but no greater than

D - decreasing trend

I - increasing trend

-- - no detectable trend or too few data point to determine significance

NaN - too few data points to calculate probability

Probability - probability null hypothesis (i.e. 'No Trend') is true (aka p-value)

Significance - trend is significant at 0.05

umhos/cm - microSiemens per centimeter

mg/L - milligram per liter

ug/L - microgram per liter

^a Trend analysis resulted in artificial decreasing trend caused by changes in MDL.

^b Trend analysis resulted in artificial increasing trend caused by changes in MDL.

Appendix A

Groundwater Standards and Laboratory Qualifiers

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	0.00005 mg/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			Ref.	Washington State Groundwater Quality Criteria			Ref.
		MCL		Eff. Date		Criterion*		Eff. Date	
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	100	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
Benidine	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
Benzotrachloride	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 aniline	95-69-2	--				0.1	µg/L	01-Dec-90	WAC 173-200
4-Chloro-2-methyl aniline 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			Washington State Groundwater Quality Criteria		
		MCL	Eff. Date	Ref.	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 sulfate	302-01-2/10034-93-2	--			0.03 µg/L	01-Dec-90	WAC 173-200
2-Methoxy-5-nitroaniline	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-methylethylamine	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	0.05 mg/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:					mg/L = milligrams per liter		
p = Listed as a primary standard					mt/L = million fibers per liter		
c = Listed as a carcinogen in the Washington State Groundwater Quality Criteria					mL = milliliter		
-- = no standard established					NTU = Nephelometric Turbidity Unit		
* = Criteria shall be the most stringent concentration of the Federal MCLG, MCL, or State MCL					µg/L = micrograms per liter		
** = treatment technique in lieu of an MCL					pCi/L = per liter		
*** = A Drinking Water Advisory, not an enforceable standard.					µS/cm = microSiemen per centimeter		
National Primary and Secondary Drinking Water Regulations (40 CFR Parts 141 and 143)					units = standard unit for either color, pH, or odor		
Washington State Groundwater Quality Criteria = Water Quality Standards for Groundwaters of the State of Washington (WAC 173-200)					MCL = Maximum Contaminant Level		
					MCLG = Maximum Contaminant Level Goal		

Compiled by KCSWD 1/12/94. Revised 12/13/19

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)

**KING COUNTY SOLID WASTE DIVISION
UNIT DEFINITIONS**

UNIT ABBREVIATION	UNIT DEFINITION
°C	degrees celcius
CFU/100 mL	colony forming units/100 millileters
g/mol	grams/mole
meq/L	milliequivalents per litre
mg/L	milligram/liter
mV	millivolt
ntu	nephelometric turbidity unit
std. pH units	standard pH units
ug/L	microgram/liter
umhos/cm	microsiemens/centimeter

Appendix B

Exceedance Reports

Summary of Groundwater Quality Criteria Exceedances Summary
of Groundwater Volatile Organic Compound Detections

Table B-1
Shallow Aquifer: Summary of groundwater quality criteria exceedances
October 1, 2022 - September 30, 2023

Parameter	Units	Site ID	Sample Date	Sample Value	Standard(s) Exceeded	Standard(s) Exceeded Numerical Limit
pH (Field)	std. pH Units	MW-1	12/12/2022	6.05	MCL2; SGWC2	< 6.50
		MW-1	2/23/2023	5.91		
		MW-1	5/22/2023	5.23		
		MW-1	8/30/2023	5.75		
		MW-4	12/12/2022	5.58		
		MW-4	2/22/2023	5.63		
		MW-4	5/22/2023	5.24		
		MW-4	8/30/2023	5.73		
		MW-6	5/22/2023	6.36		
		MW-6	9/1/2023	6.41		
		MW-10	12/12/2022	6.12		
		MW-10	2/22/2023	6.29		
		MW-10	5/23/2023	6.06		
		MW-10	8/31/2023	5.47		
		MW-11	12/12/2022	5.84		
		MW-11	2/22/2023	6.14		
		MW-11	5/22/2023	5.42		
		MW-11	8/31/2023	5.82		
		MW-18	12/13/2022	5.66		
		MW-18	2/22/2023	6.05		
		MW-18	5/22/2023	6.00		
		MW-26	12/13/2022	5.77		
		MW-26	2/22/2023	5.66		
		MW-26	5/22/2023	5.80		
		MW-26	8/31/2023	5.11		
Arsenic, Total ^{1,2}	ug/L	MW-1	5/22/2023	0.842	SGWC1	0.050
		MW-1	8/30/2023	0.345		
		MW-4	5/22/2023	0.112		
		MW-4	8/30/2023	0.091		
		MW-6	5/22/2023	0.320		
		MW-6	9/1/2023	0.292		
		MW-10	5/23/2023	3.81		
		MW-10	8/31/2023	3.49		
		MW-11	5/22/2023	0.076		
		MW-11	8/31/2023	0.090		
		MW-18	5/22/2023	0.160		
		MW-26	5/22/2023	0.075		
		MW-26	8/31/2023	0.068		

Table B-1
Shallow Aquifer: Summary of groundwater quality criteria exceedances
October 1, 2022 - September 30, 2023

Parameter	Units	Site ID	Sample Date	Sample Value	Standard(s) Exceeded	Standard(s) Exceeded Numerical Limit
Arsenic, Dissolved ^{1,2}	ug/L	MW-1	12/12/2022	0.086	SGWC1	0.050
		MW-1	2/23/2023	0.099		
		MW-1	5/22/2023	0.188		
		MW-1	8/30/2023	0.084		
		MW-4	8/30/2023	0.058		
		MW-6	12/12/2022	0.296		
		MW-6	2/23/2023	0.321		
		MW-6	5/22/2023	0.304		
		MW-6	9/1/2023	0.307		
		MW-10	12/12/2022	4.28		
		MW-10	2/22/2023	4.02		
		MW-10	5/23/2023	3.04		
		MW-10	8/31/2023	3.22		
		MW-11	12/12/2022	0.065		
		MW-11	2/22/2023	0.072		
		MW-11	5/22/2023	0.063		
		MW-11	8/31/2023	0.100		
		MW-18	12/13/2022	0.167		
		MW-18	2/22/2023	0.168		
		MW-18	5/22/2023	0.156		
		MW-26	12/13/2022	0.075		
		MW-26	2/22/2023	0.062		
		MW-26	5/22/2023	0.060		
		MW-26	8/31/2023	0.075		
Iron, Total ²	mg/L	MW-1	5/22/2023	0.885	MCL2; SGWC2	0.30; 0.30
		MW-1	8/30/2023	0.349		
		MW-10	5/23/2023	2.43		
		MW-10	8/31/2023	3.49		
Iron, Dissolved ²	mg/L	MW-10	12/12/2022	3.72		
		MW-10	2/22/2023	2.82		
		MW-10	5/23/2023	2.26		
		MW-10	8/31/2023	3.36		
Manganese, Dissolved ²	ug/L	MW-1	5/22/2023	914	MCL2; SGWC2	0.05 mg/L (50 ug/L)
		MW-1	8/30/2023	1090		
		MW-10	12/12/2022	408		
		MW-10	2/22/2023	326		
		MW-10	5/23/2023	269		
		MW-10	8/31/2023	365		
Manganese, Total ²	ug/L	MW-1	5/22/2023	949		
		MW-1	8/30/2023	1110		
		MW-10	5/23/2023	277		
		MW-10	8/31/2023	366		

¹ Natural Background for arsenic in the Puget Sound Basin is 8 ug/L (Ecology, 2016)

² Analysis for total metals began in 2nd quarter of 2023

MCL2 = National Secondary Drinking Water Regulation Maximum Contaminant Level

SGWC1 = Washington State Primary Groundwater Quality Criterion

SGWC2 = Washington State Secondary Groundwater Quality Criterion

Table B-2
Deep Aquifer: Summary of groundwater quality criteria exceedances
October 1, 2022 - September 30, 2023

Parameter	Units	Site ID	Sample Date	Sample Value	Standard(s) Exceeded	Standard(s) Exceeded Numerical Limit
Arsenic, Total ^{1,2}	ug/L	MW-3	5/22/2023	0.203	SGWC1	0.050
		MW-3	8/30/2023	0.211		
		MW-7	5/22/2023	0.239		
		MW-7	8/30/2023	0.283		
Arsenic, Dissolved ^{1,2}	ug/L	MW-3	12/12/2022	0.214		
		MW-3	2/22/2023	0.218		
		MW-3	5/22/2023	0.203		
		MW-3	8/30/2023	0.210		
		MW-7	12/12/2022	0.326		
		MW-7	2/23/2023	0.247		
		MW-7	5/22/2023	0.235		
		MW-7	8/30/2023	0.286		
		MW-25	12/12/2022	1.09		
		MW-25	2/22/2023	1.06		
		MW-25	5/22/2023	1.03		
		MW-25	8/31/2023	1.09		
Manganese, Total ²	ug/L	MW-3	5/22/2023	66.60	MCL2; SGWC2	0.05 mg/L (50 ug/L)
		MW-3	8/30/2023	70.50		
Manganese, Dissolved ²	ug/L	MW-3	12/12/2022	68.10		
		MW-3	2/22/2023	70.90		
		MW-3	5/22/2023	69.10		
		MW-3	8/30/2023	69.90		

¹ Natural Background for arsenic in the Puget Sound Basin is 8 ug/L (Ecology, 2016)

² Analysis for total metals began in 2nd quarter of 2023

MCL2 = National Secondary Drinking Water Regulation Maximum Contaminant Level

SGWC1 = Washington State Primary Groundwater Quality Criterion

SGWC2 = Washington State Secondary Groundwater Quality Criterion

Table B-3**Shallow Aquifer: Summary of groundwater volatile organic compound detections**

October 1, 2022 - September 30, 2023

Compound	Units	Site ID	Date	Sample Value
Acetone	ug/L	MW-6	9/1/2023	5.10
		MW-26	8/31/2023	17.10

See Data Qualifiers Section in Appendix B for Qualifier Information.

Table B-4**Deep Aquifer: Summary of groundwater volatile organic compound detections**

October 1, 2022 - September 30, 2023

Compound	Units	Site ID	Date	Sample Value
Acetone	ug/L	MW-25	8/31/2023	3.33 JT
Dichlorodifluoromethane	ug/L	MW-3	12/12/2022	0.133 JT
		MW-3	2/22/2023	0.119 JT
		MW-3	5/22/2023	0.128 T
		MW-3	8/30/2023	0.141 JT
		MW-25	12/12/2022	0.301
		MW-25	2/22/2023	0.347
		MW-25	5/22/2023	0.326
		MW-25	8/31/2023	0.469

See Data Qualifiers Section in Appendix B for Qualifier Information.

Table B-5

Summary of Trip, Field, and Method Blanks Volatile Organic Compound Detections

October 1, 2022 - September 30, 2023

Summary of trip blank volatile organic compound detections

Compound	Units	Sample ID	Date	Sample Value
No detections.				

Summary of field blank volatile organic compound detections

Compound	Units	Sample ID	Date	Sample Value
Acetone	ug/L	WH6-230901F	9/1/2023	8.47

Summary of method blank volatile organic compound detections

Compound	Units	Workgroup ID	Date	Sample Value
No detections.				

Appendix C

Shallow Aquifer Time Concentration Plots

Figure C-1A
Shallow Aquifer
Field pH

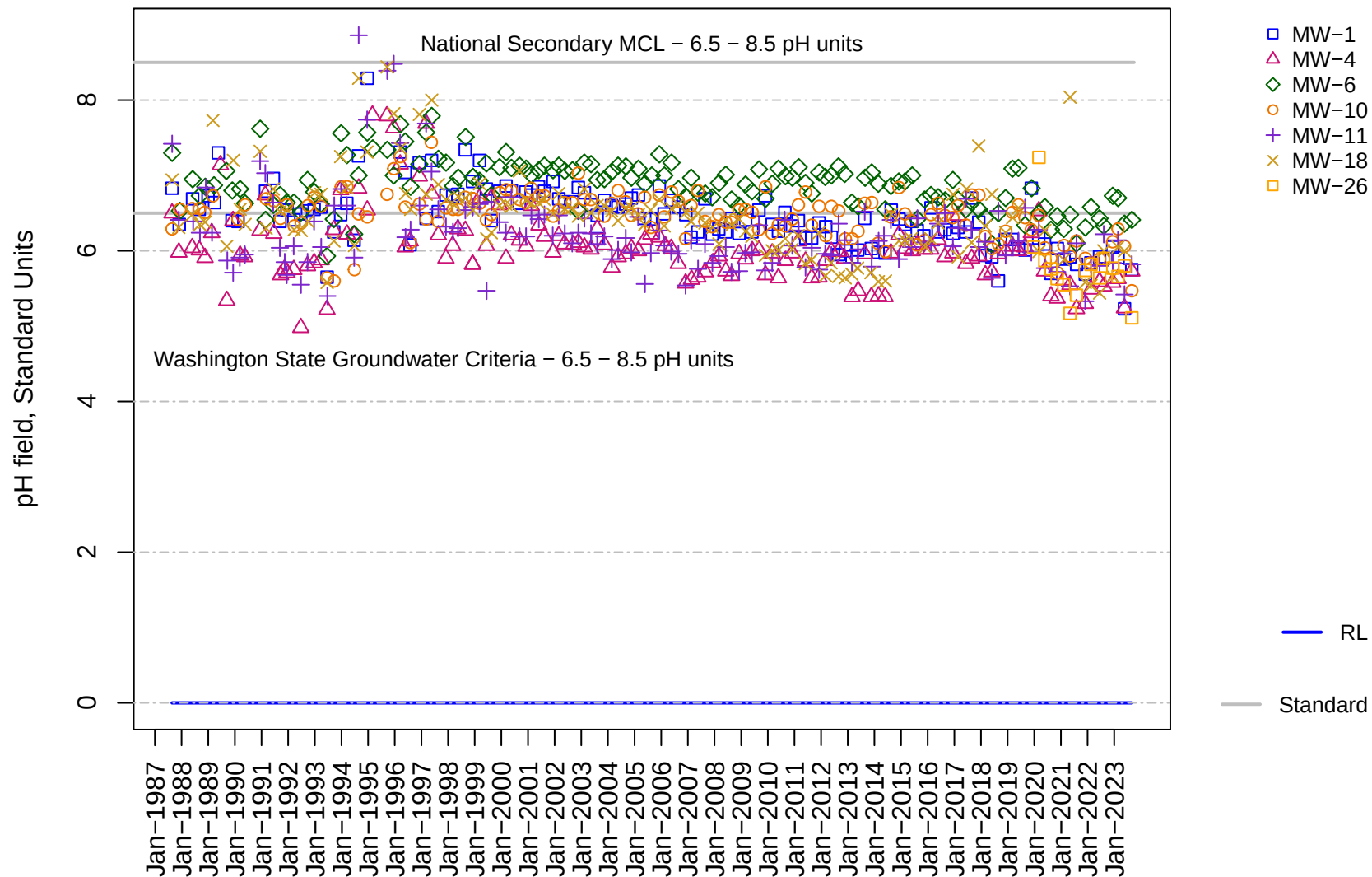


Figure C-2A
Shallow Aquifer
Field Specific Conductance

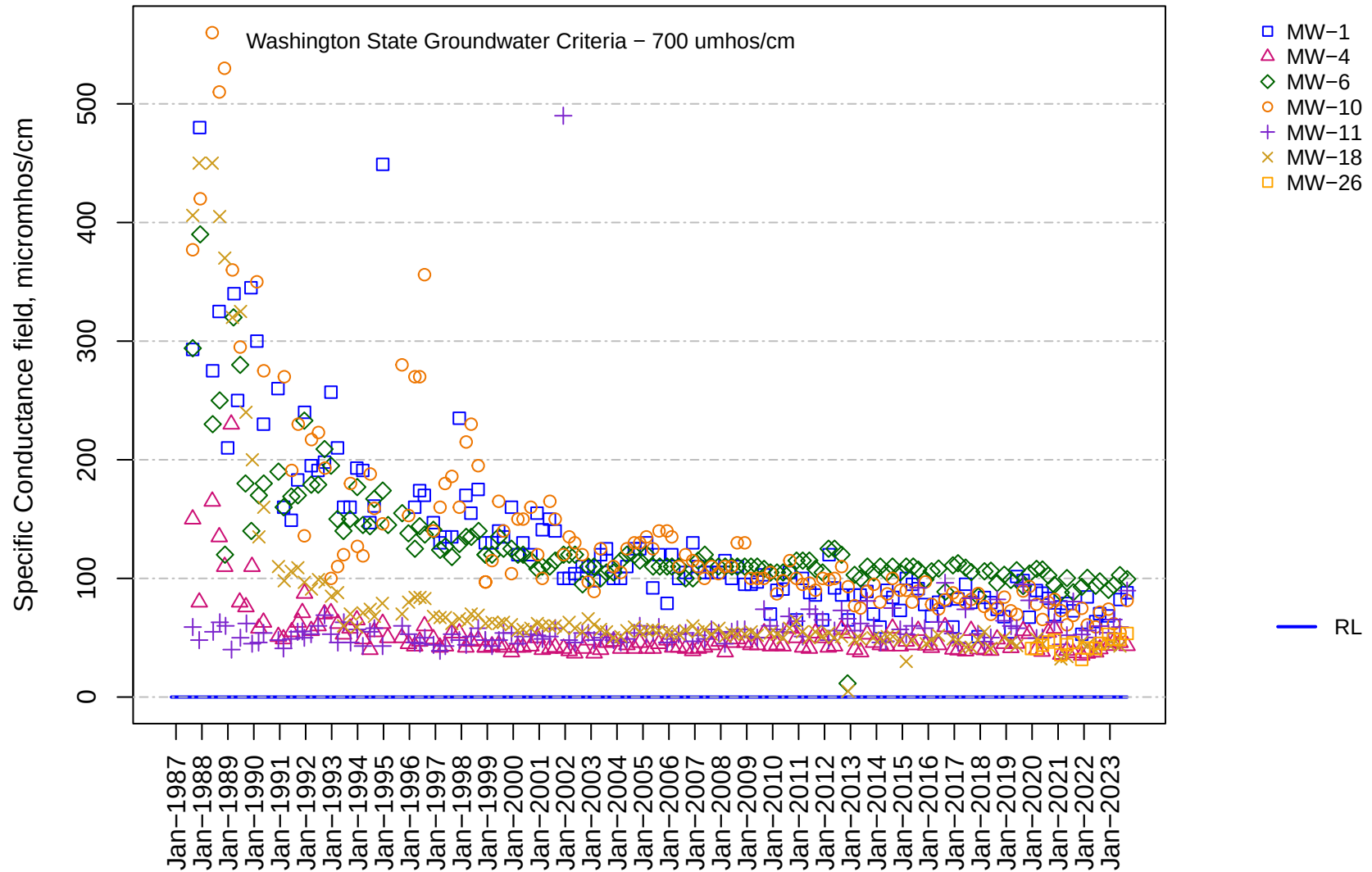


Figure C-3A
Shallow Aquifer
Alkalinity

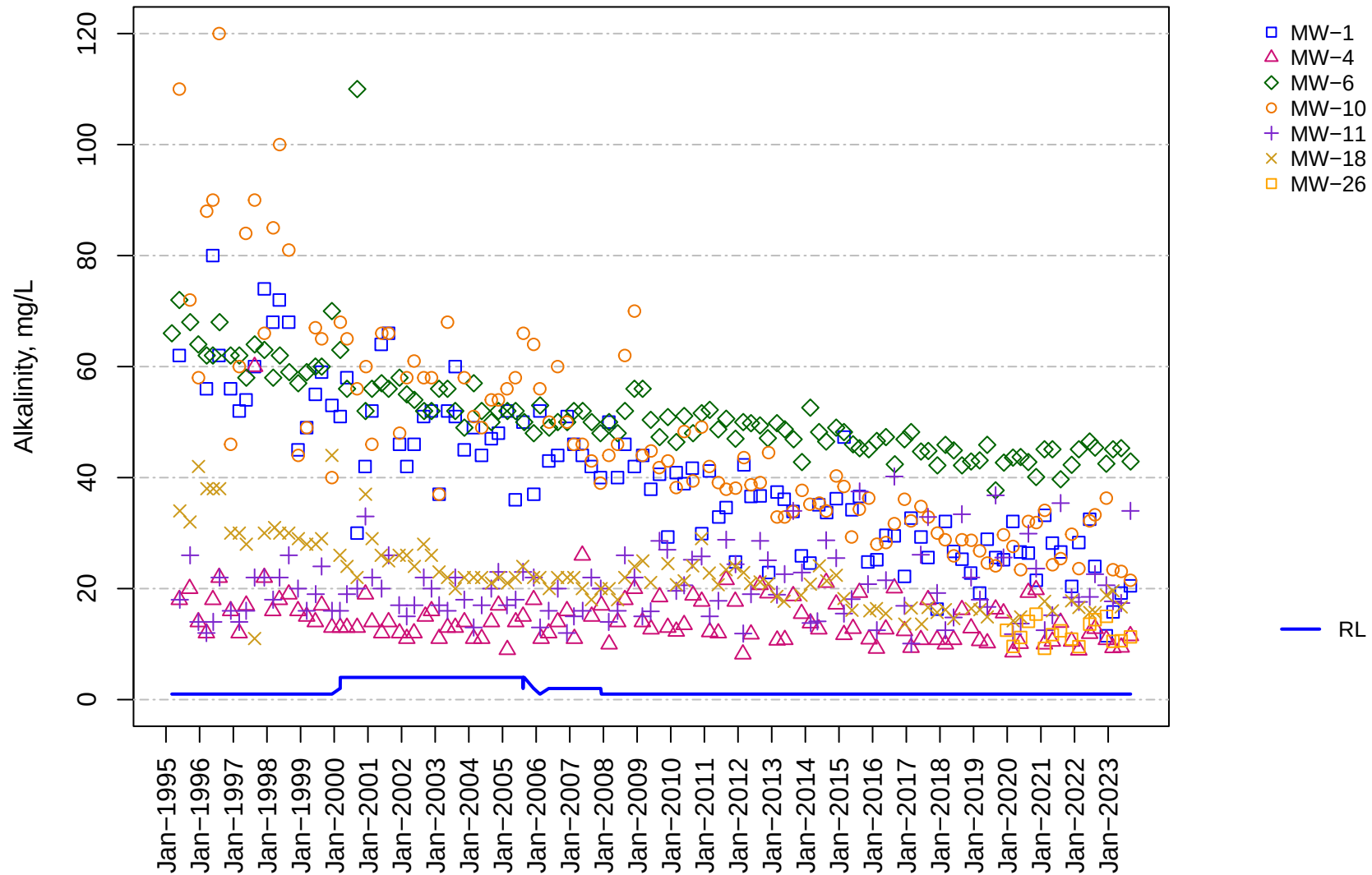


Figure C-4A
Shallow Aquifer
Ammonia

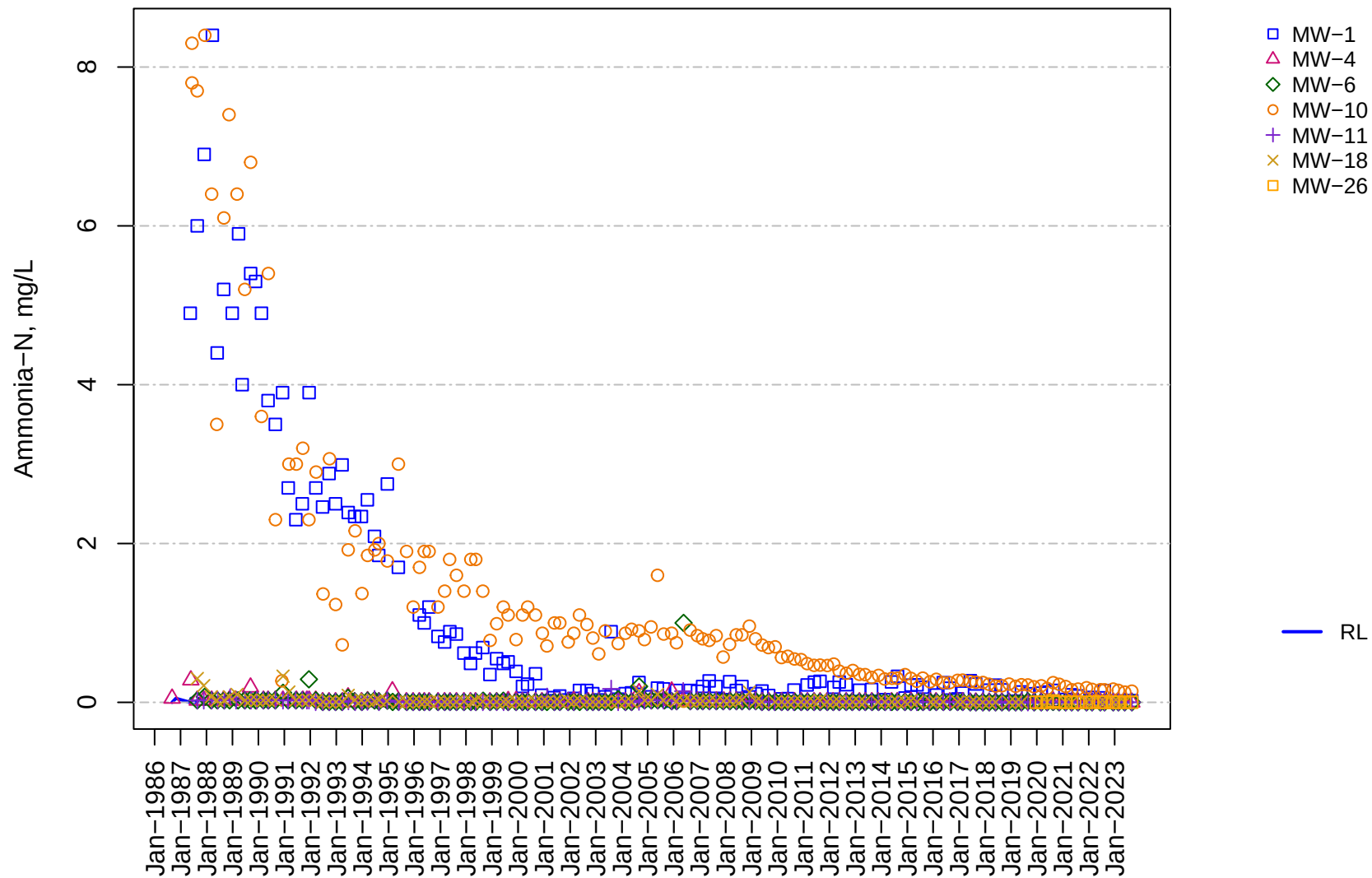


Figure C-5A
Shallow Aquifer
Chloride

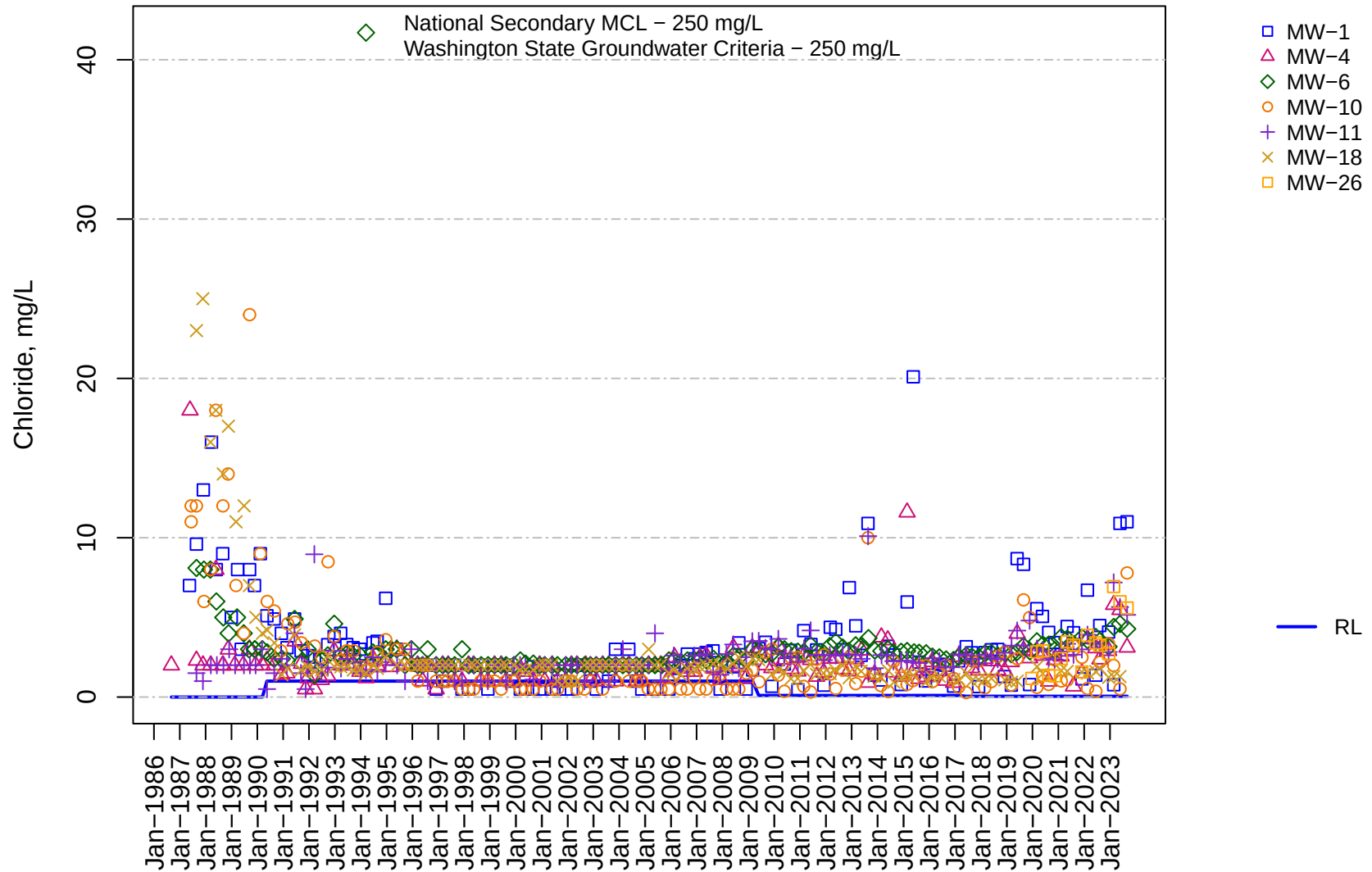


Figure C-6A
Shallow Aquifer
Nitrate

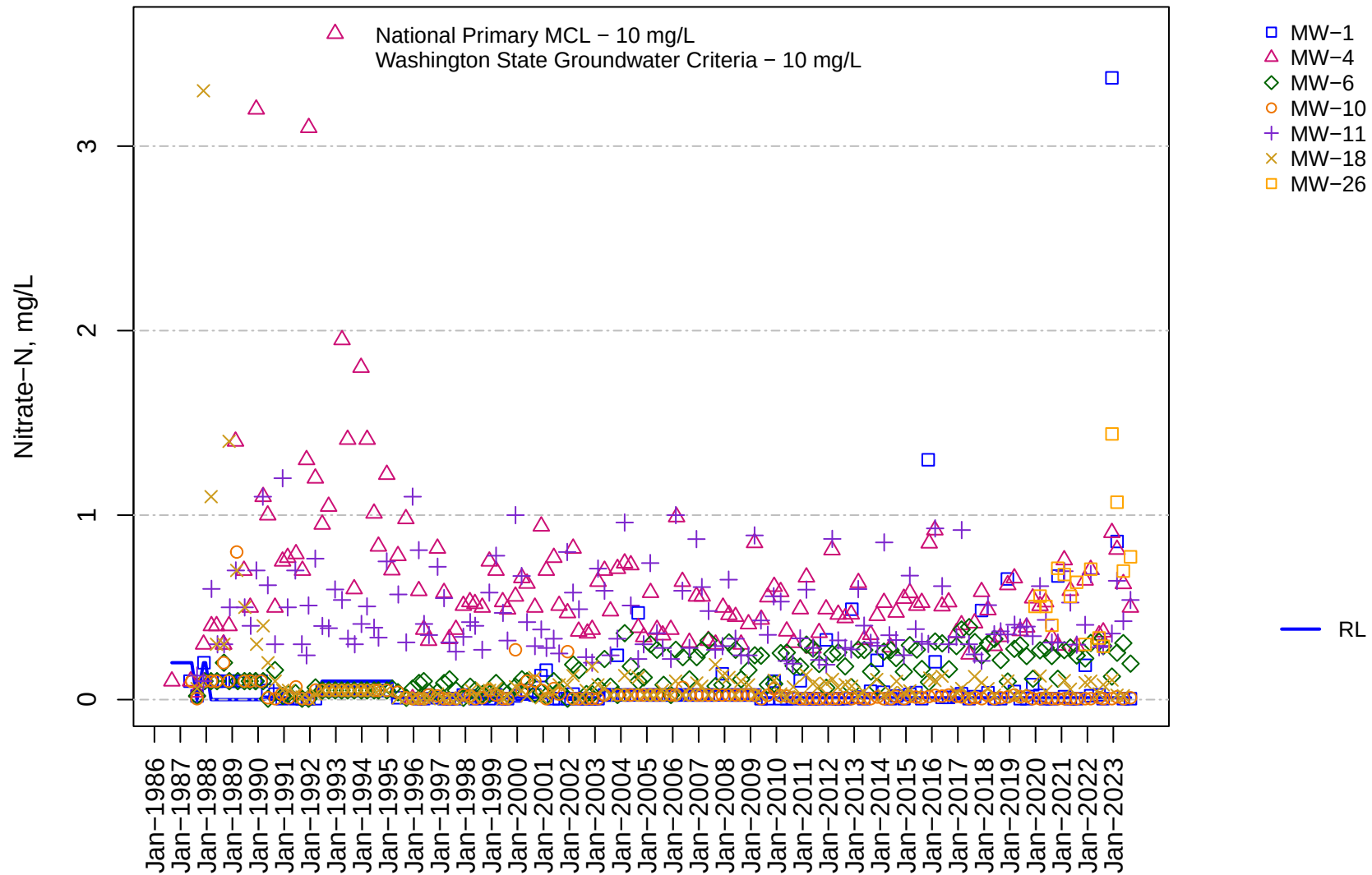


Figure C-7A
Shallow Aquifer
Sulfate

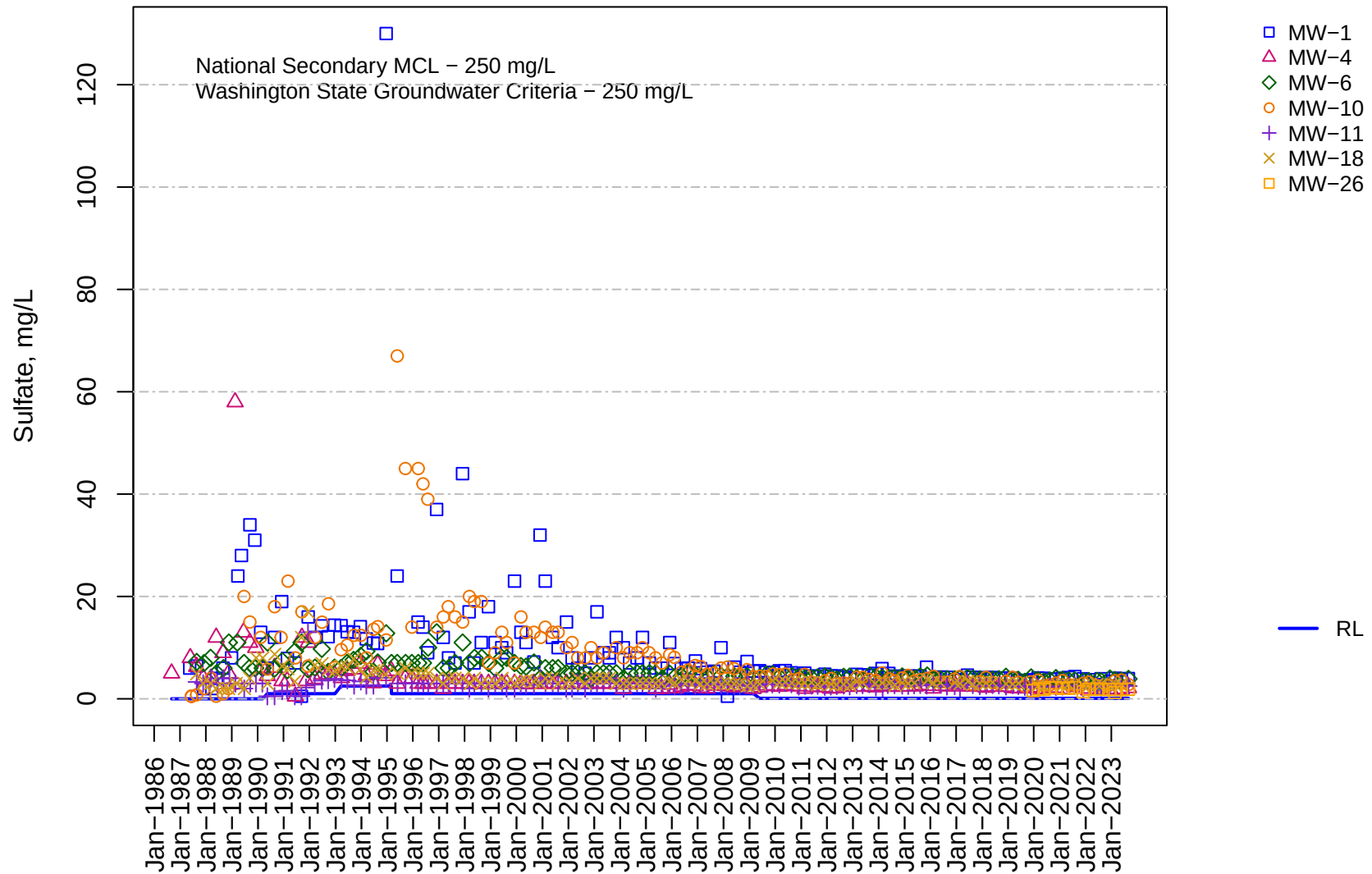


Figure C-8A
Shallow Aquifer
Total Dissolved Solids

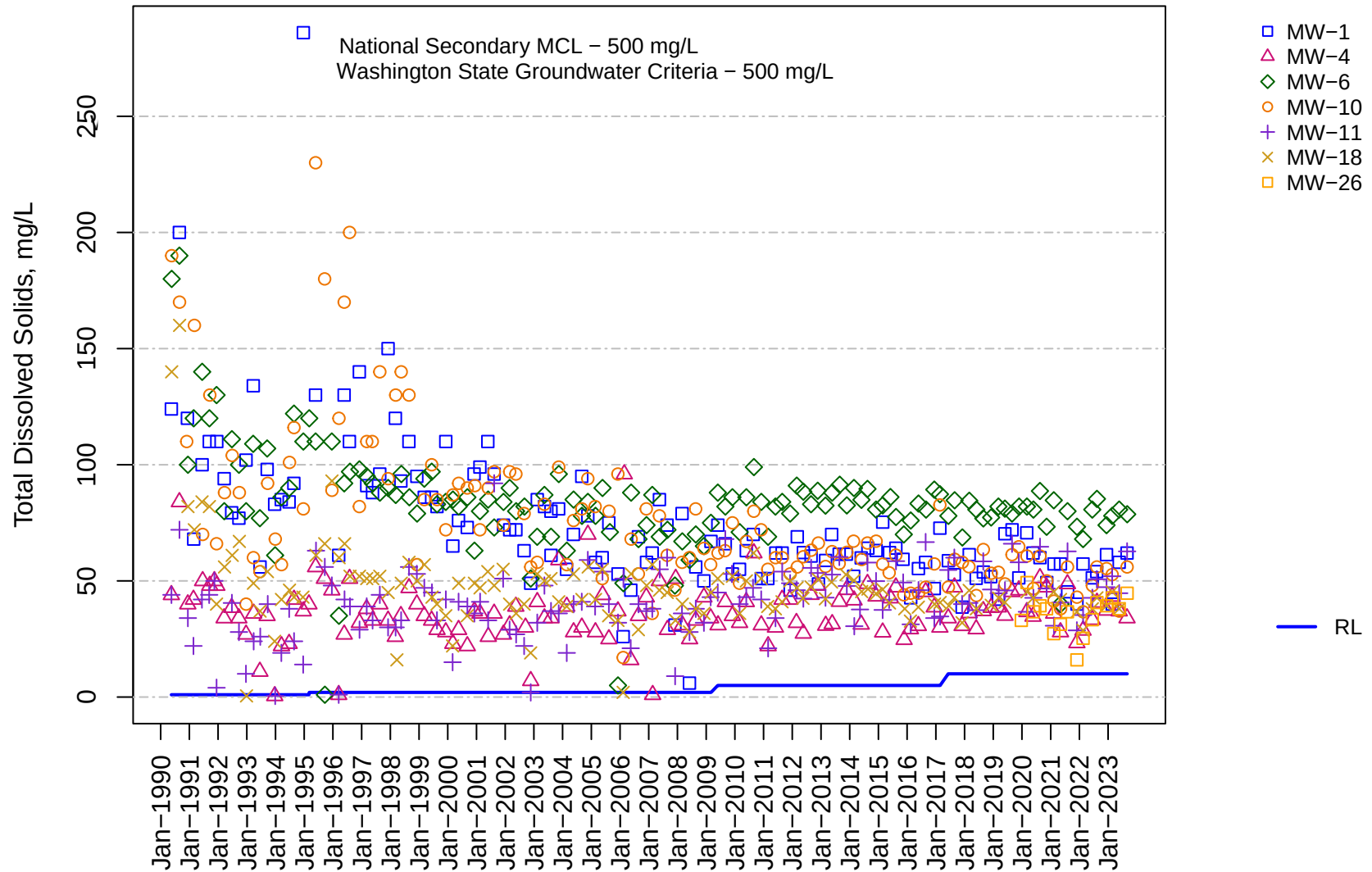


Figure C-9A
Shallow Aquifer
Arsenic

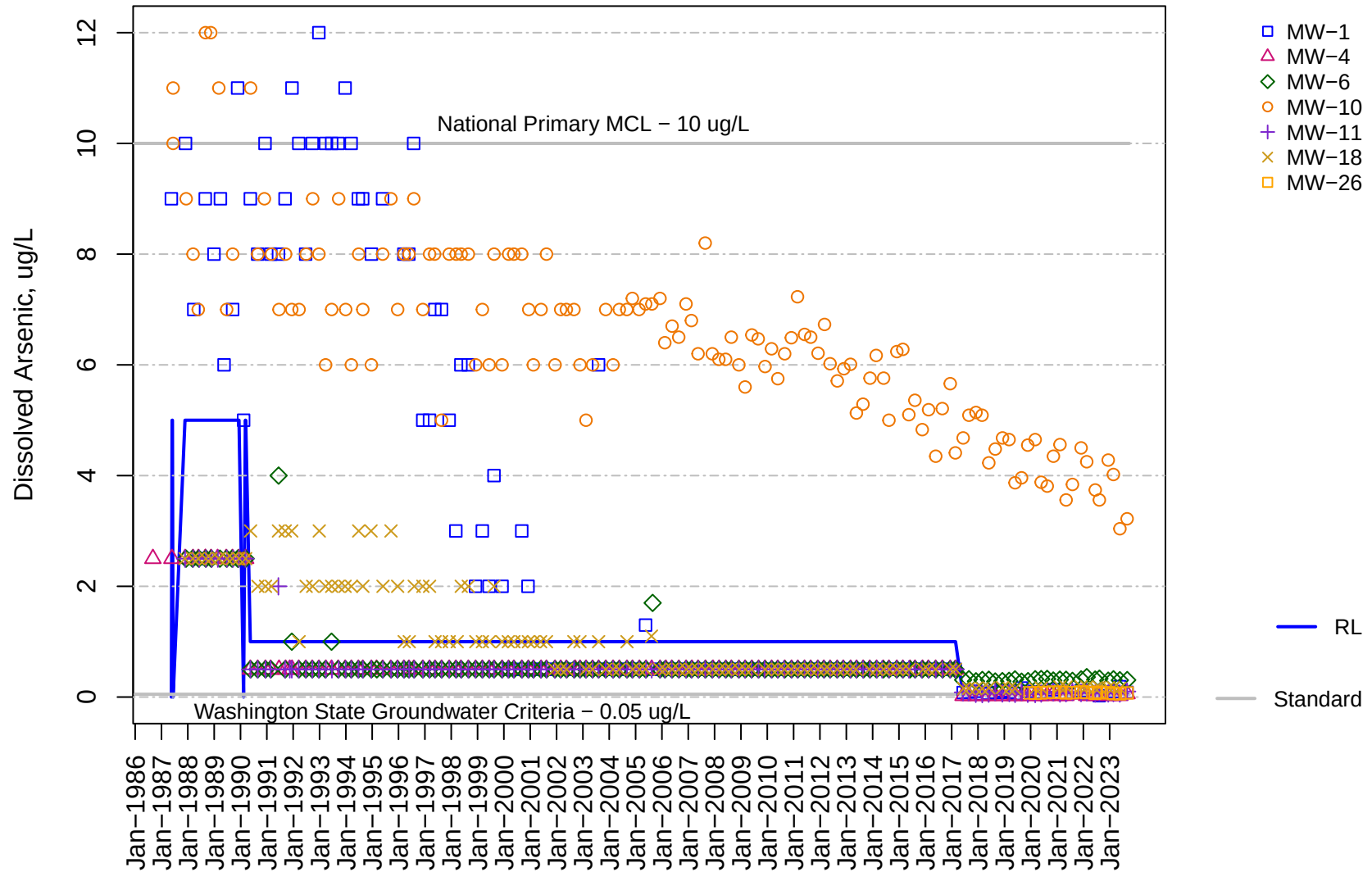


Figure C-10A
Shallow Aquifer
Calcium

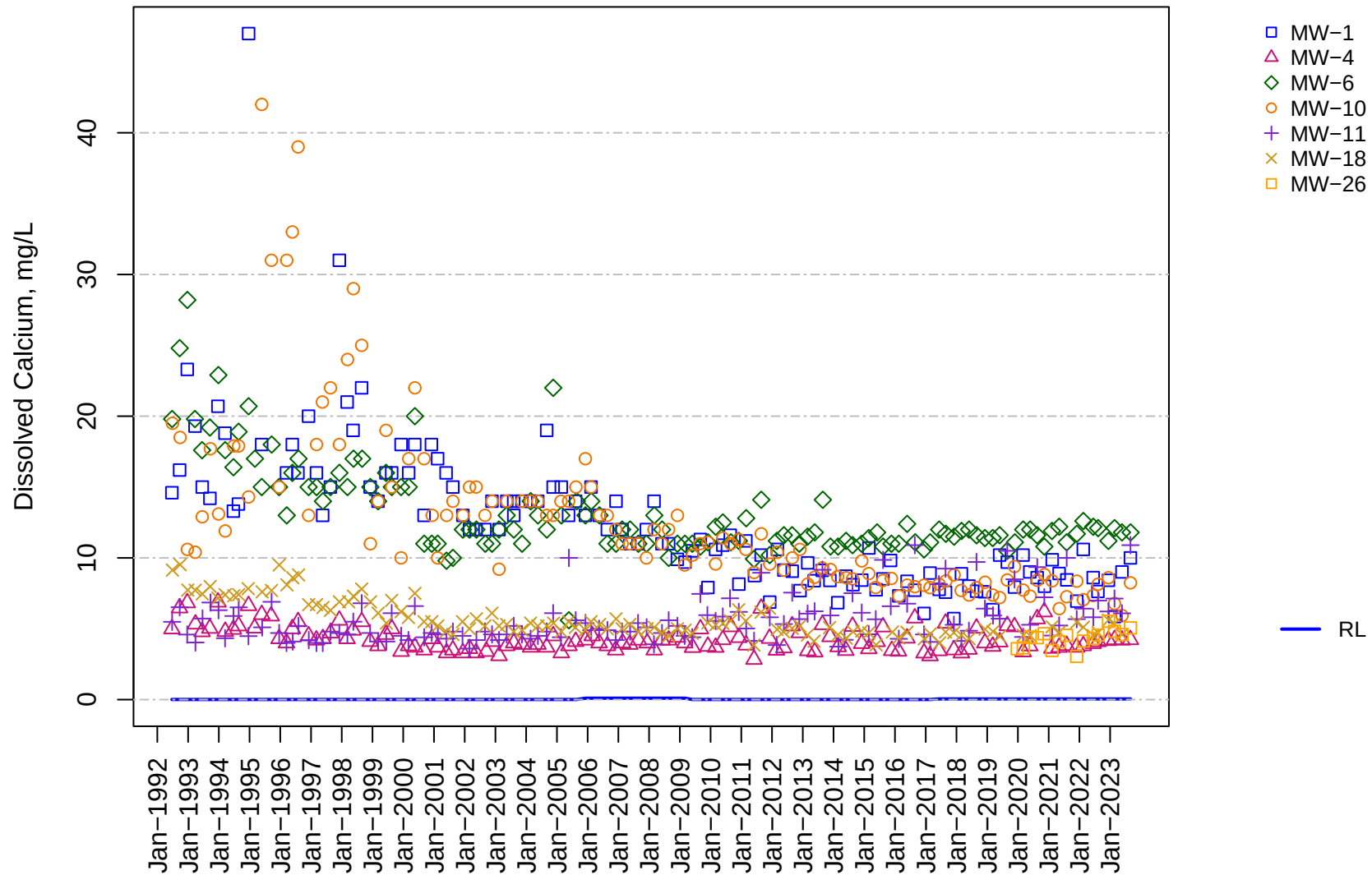


Figure C-11A
Shallow Aquifer
Iron

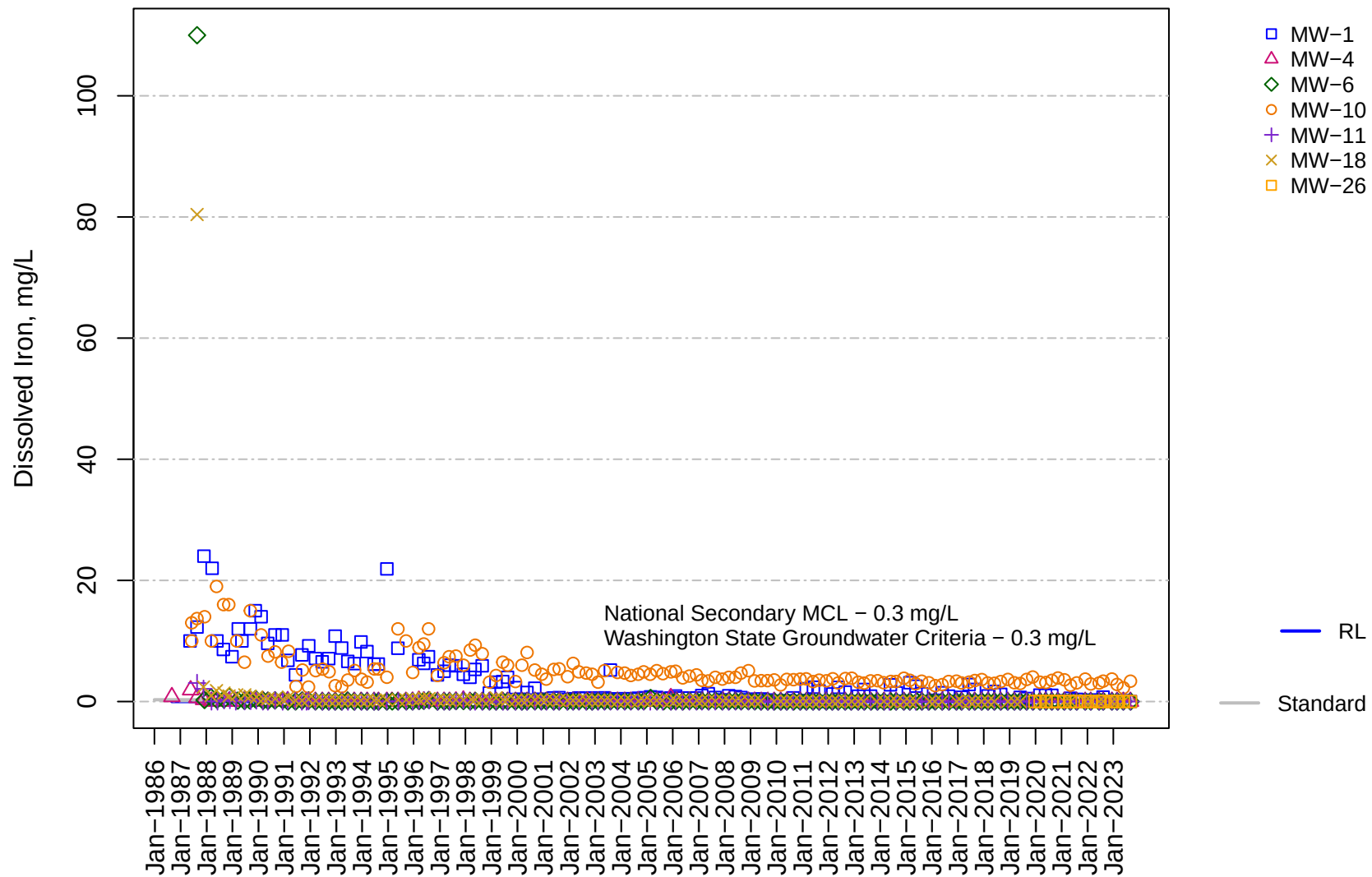


Figure C-12A
Shallow Aquifer
Magnesium

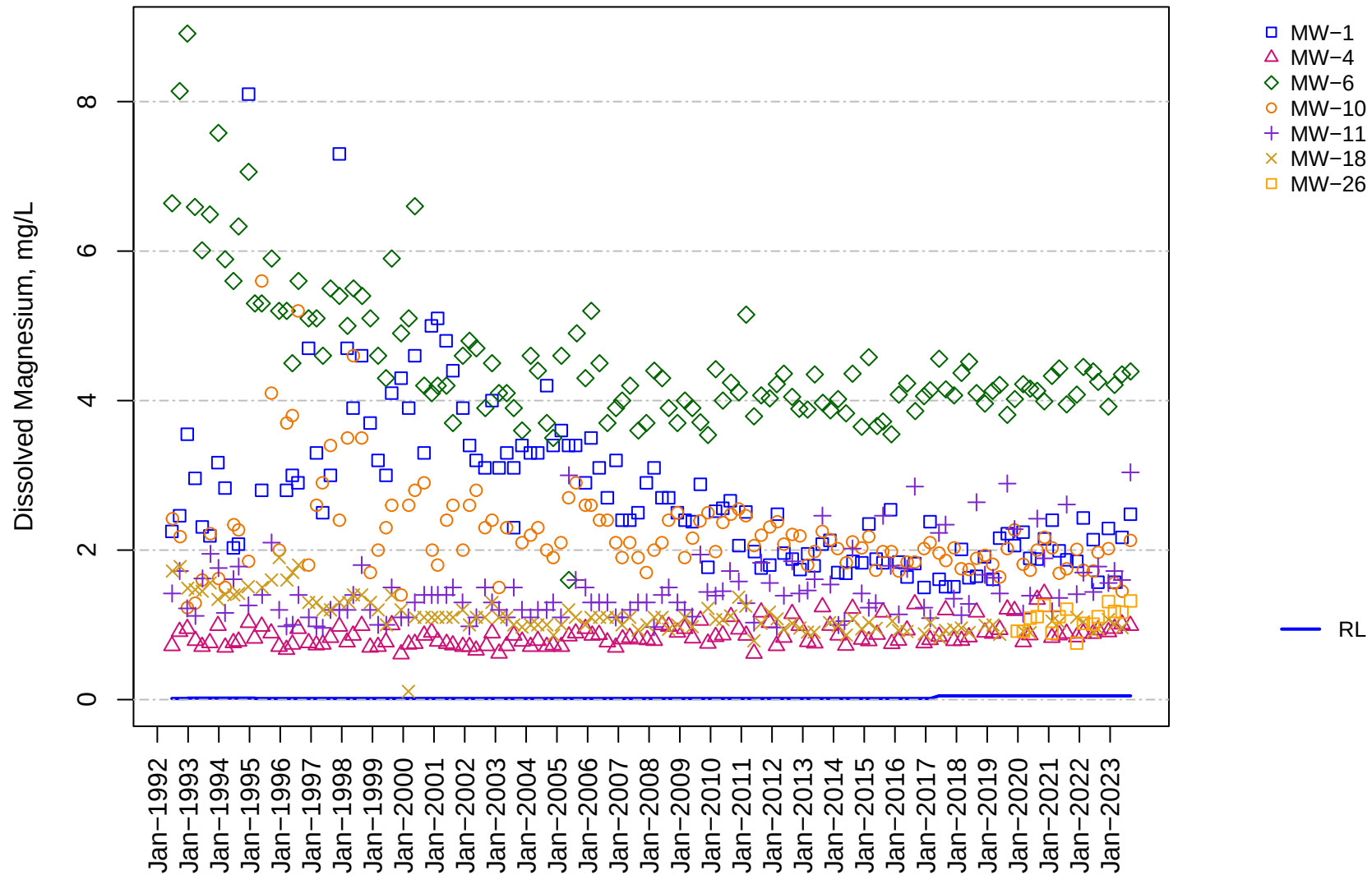


Figure C-13A
Shallow Aquifer
Manganese

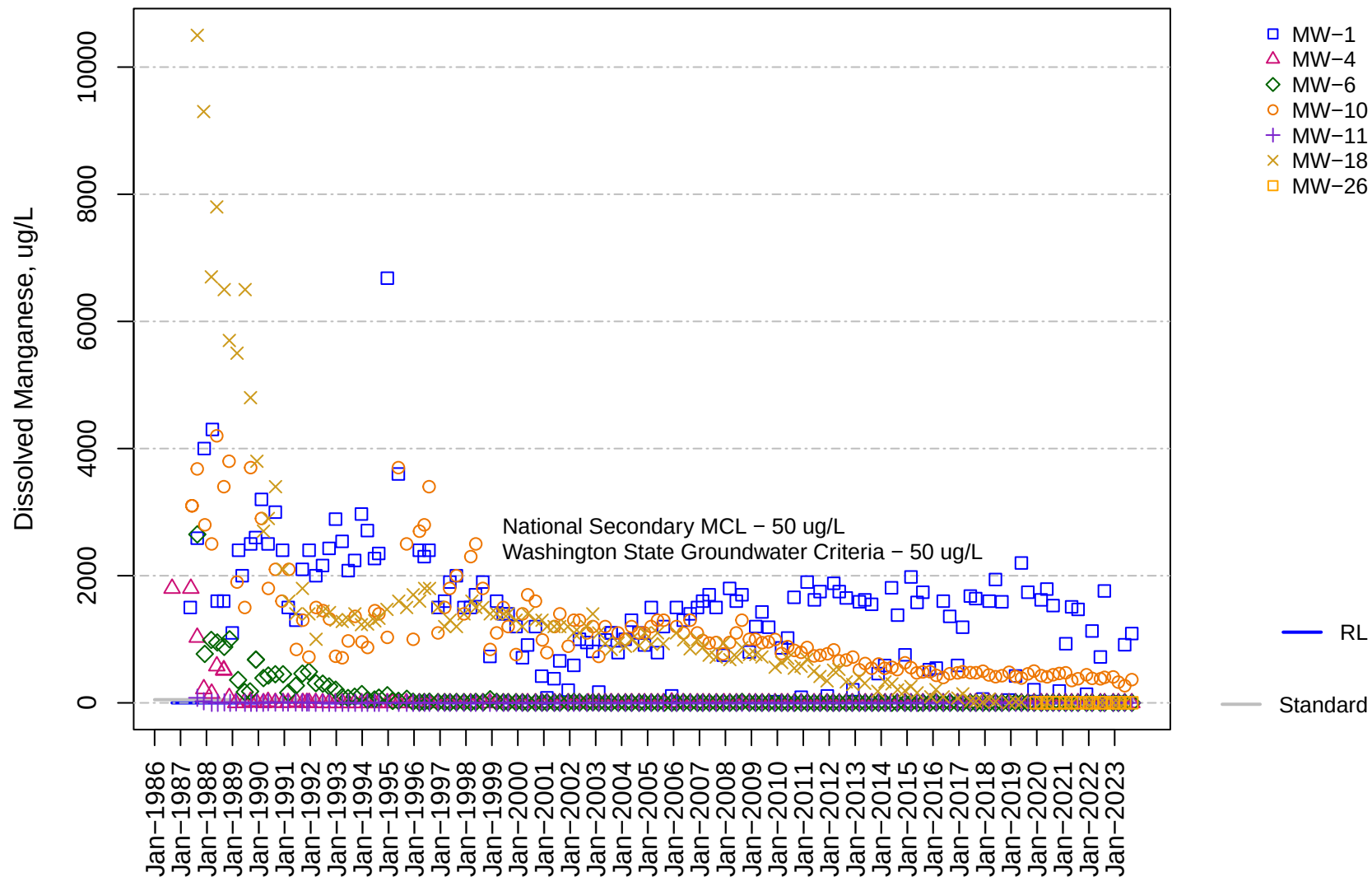


Figure C-14A
Shallow Aquifer
Potassium

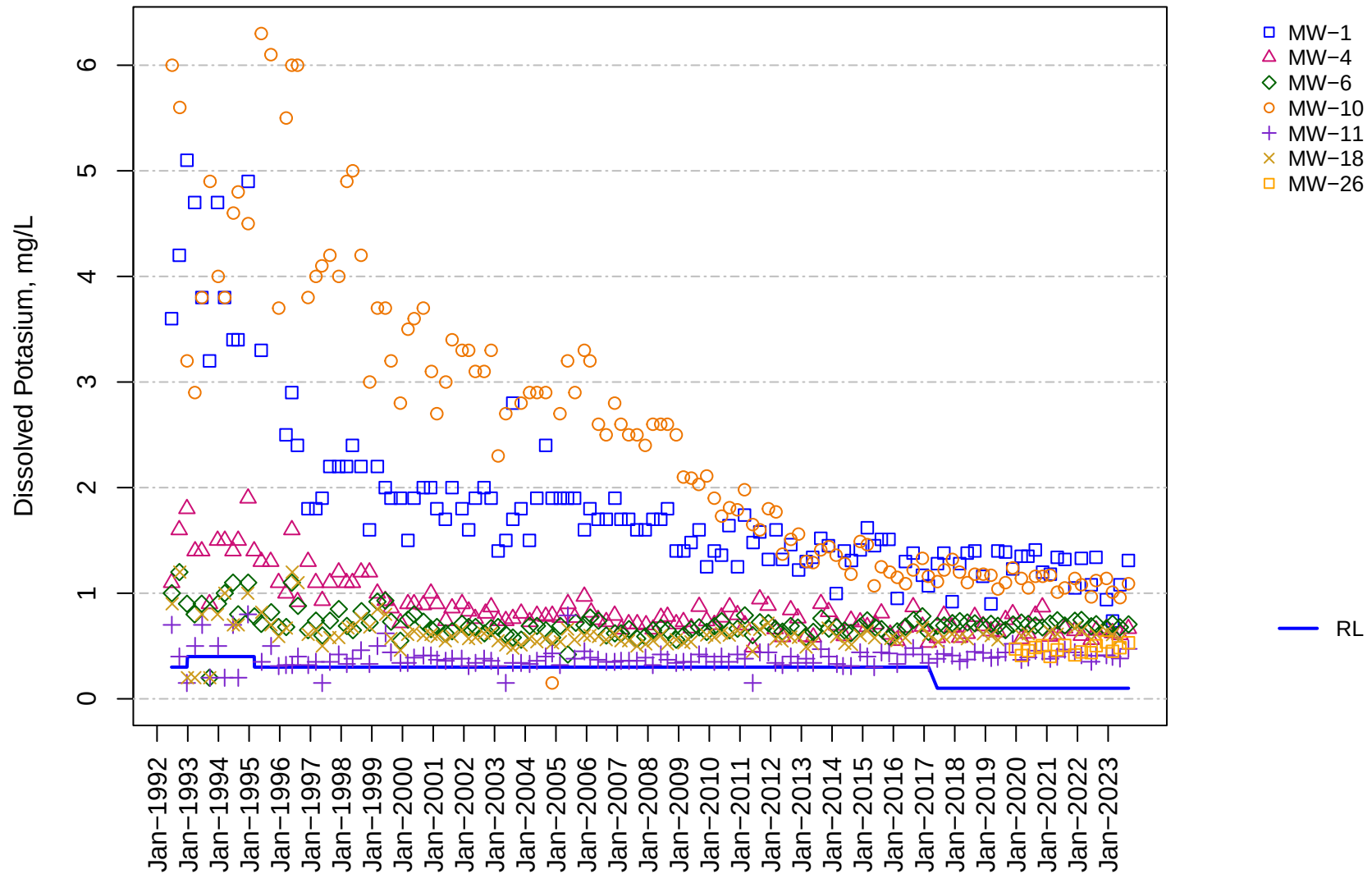


Figure C-15A
Shallow Aquifer
Sodium

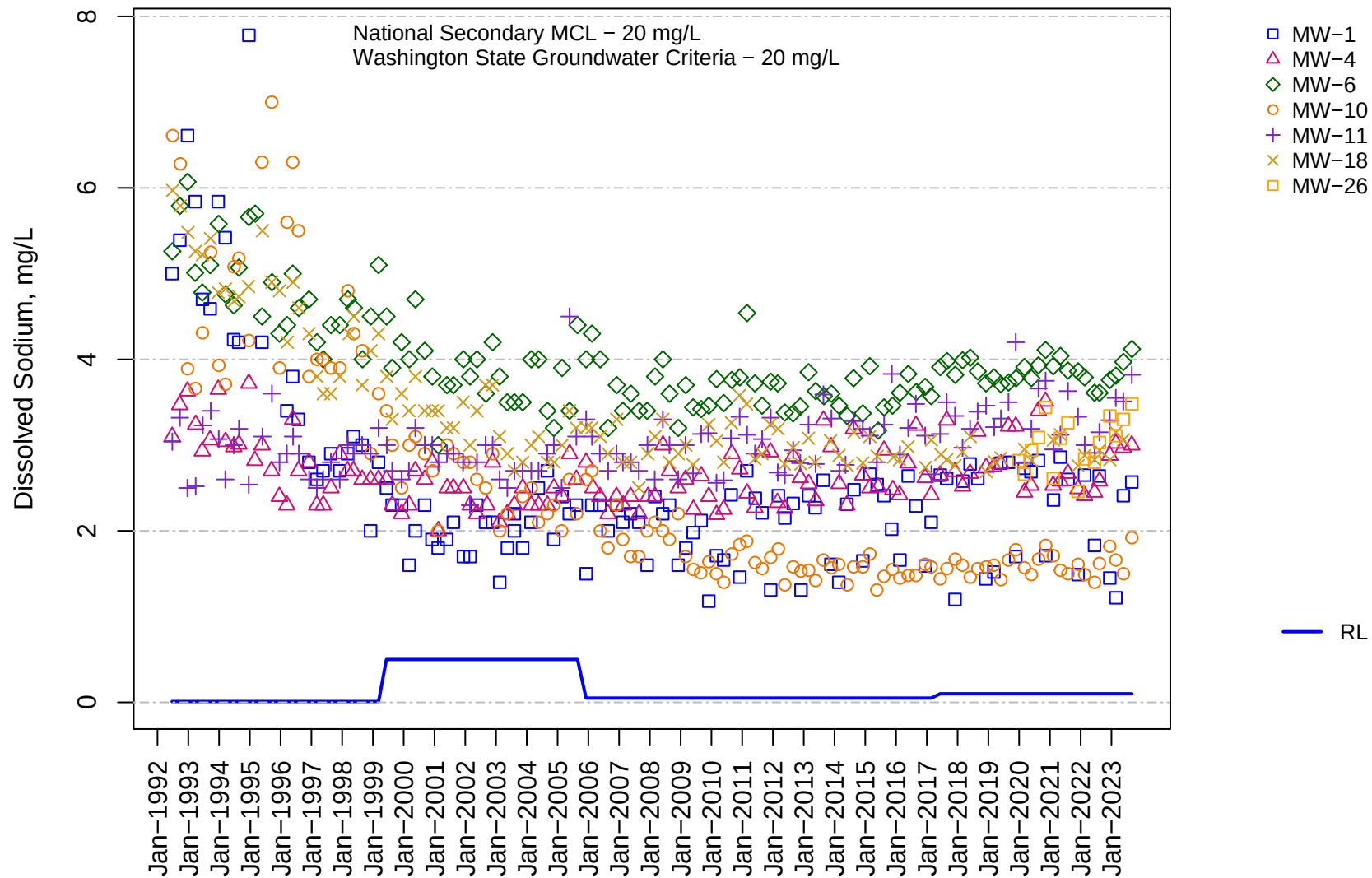


Figure C-16A
Shallow Aquifer
1,1-Dichloroethane

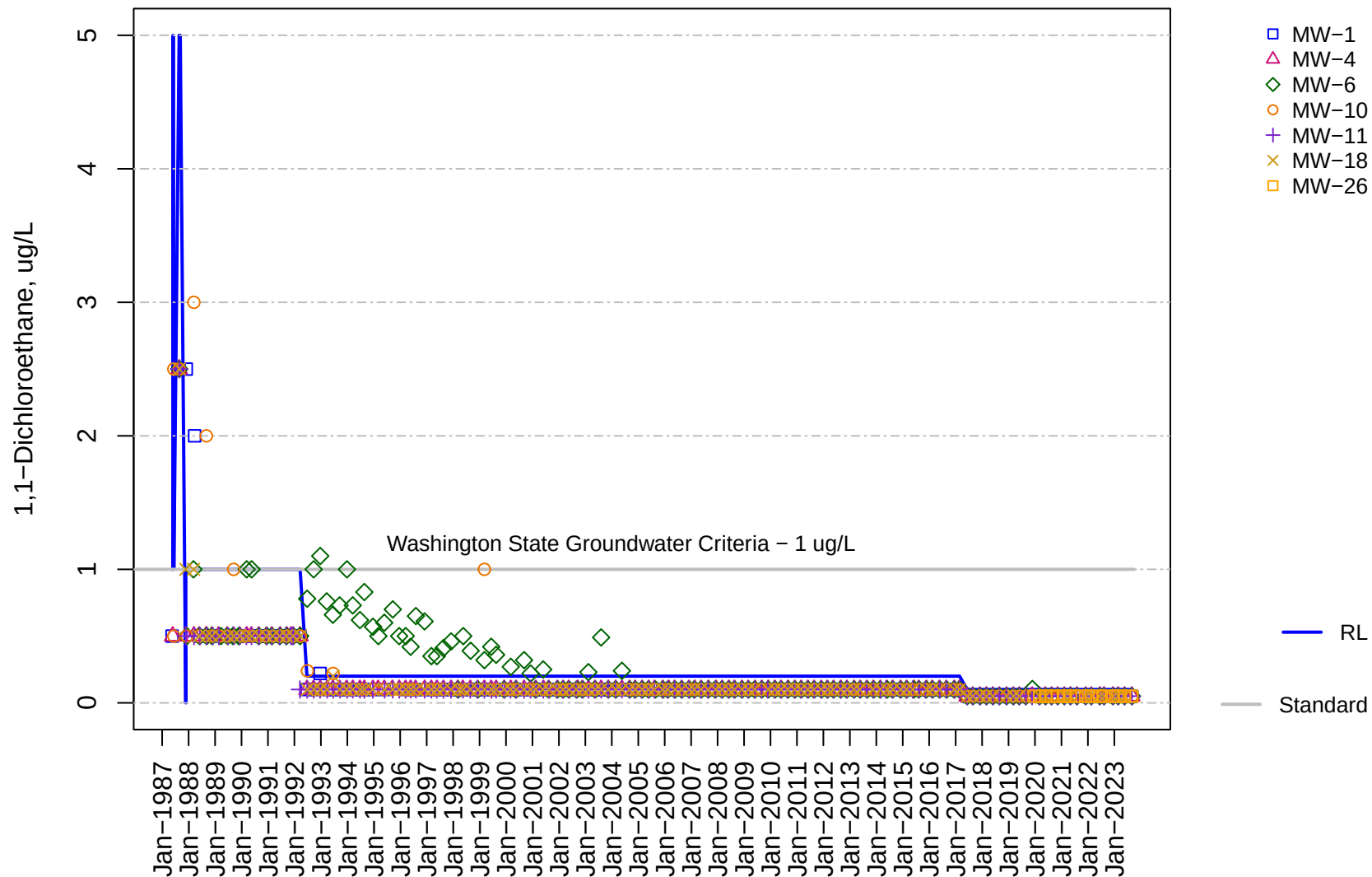


Figure C-17A
Shallow Aquifer
Cis-1,2-Dichloroethene

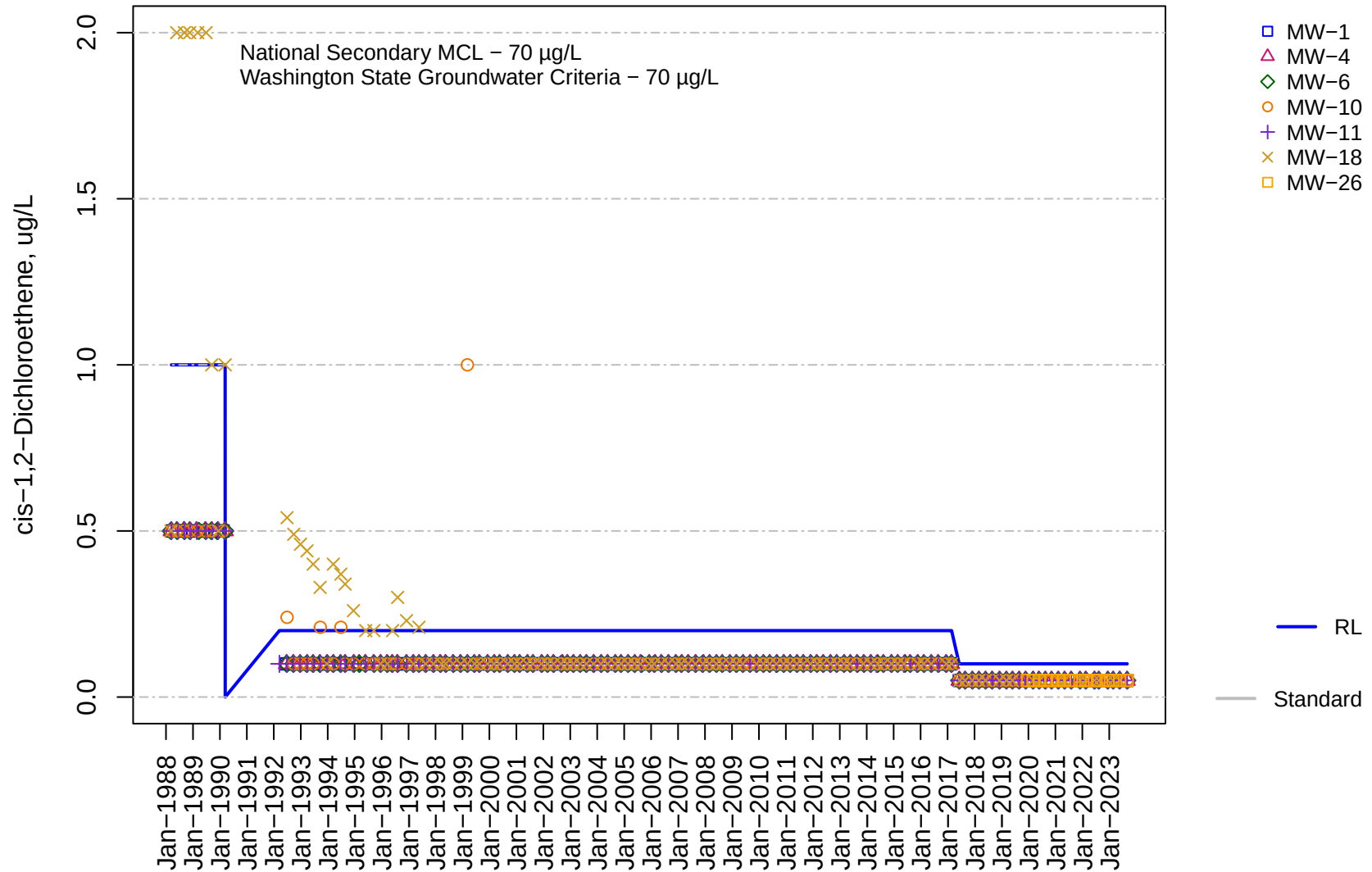


Figure C-18A
Shallow Aquifer
Dichlorodifluoromethane

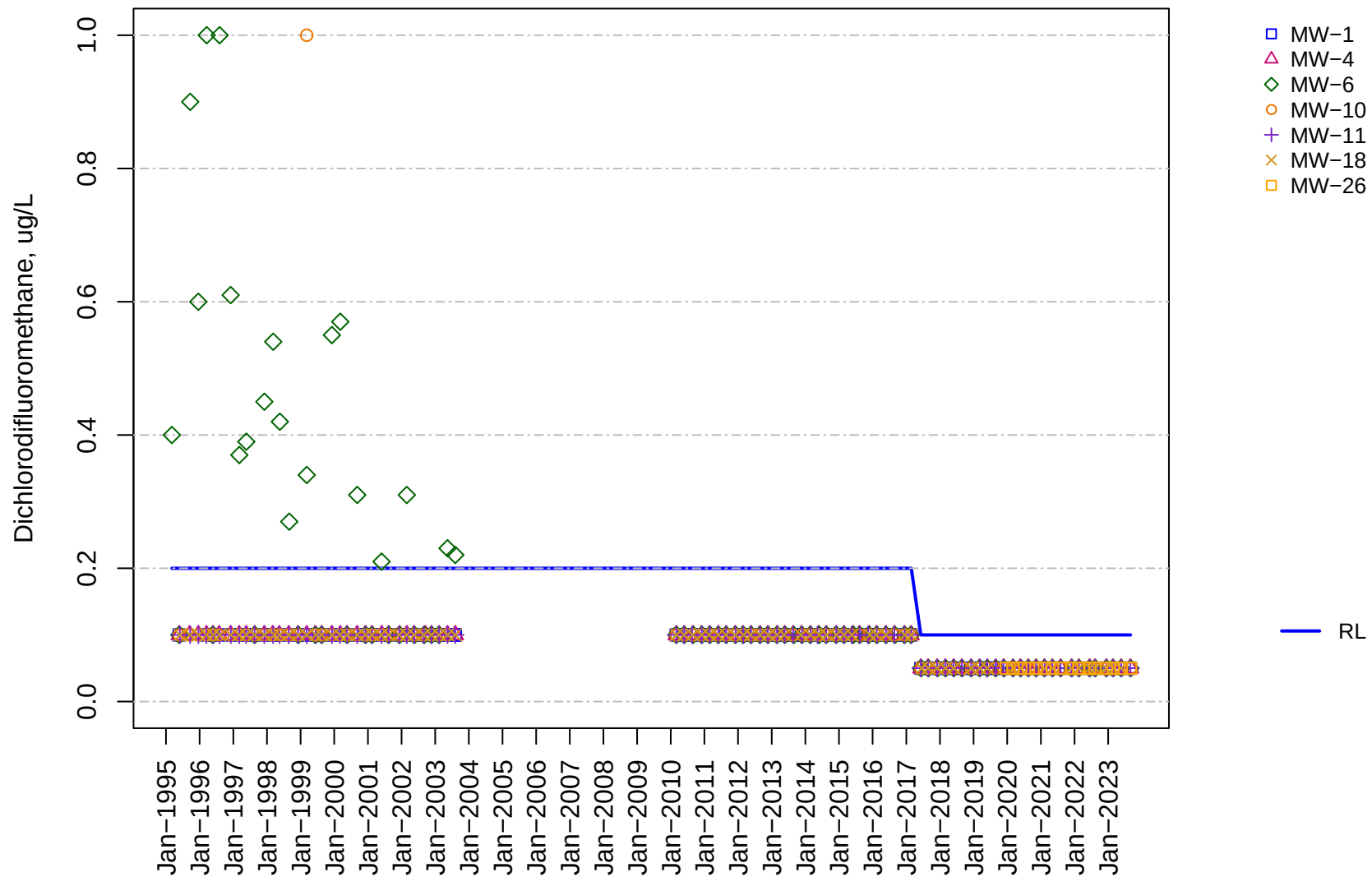


Figure C-19A
Shallow Aquifer
1,1,1-Trichloroethane

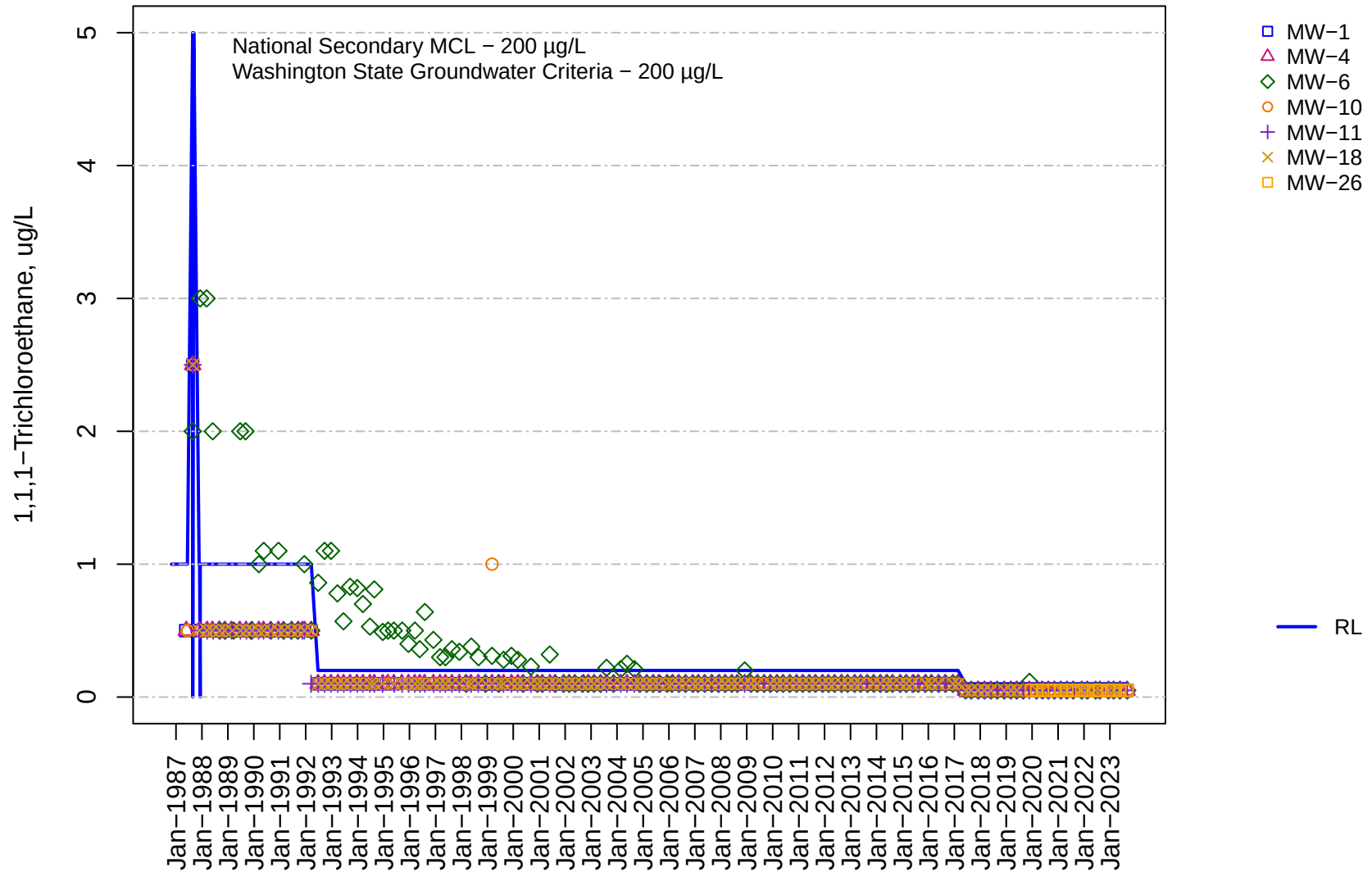


Figure C-20A
Shallow Aquifer
Vinyl Chloride

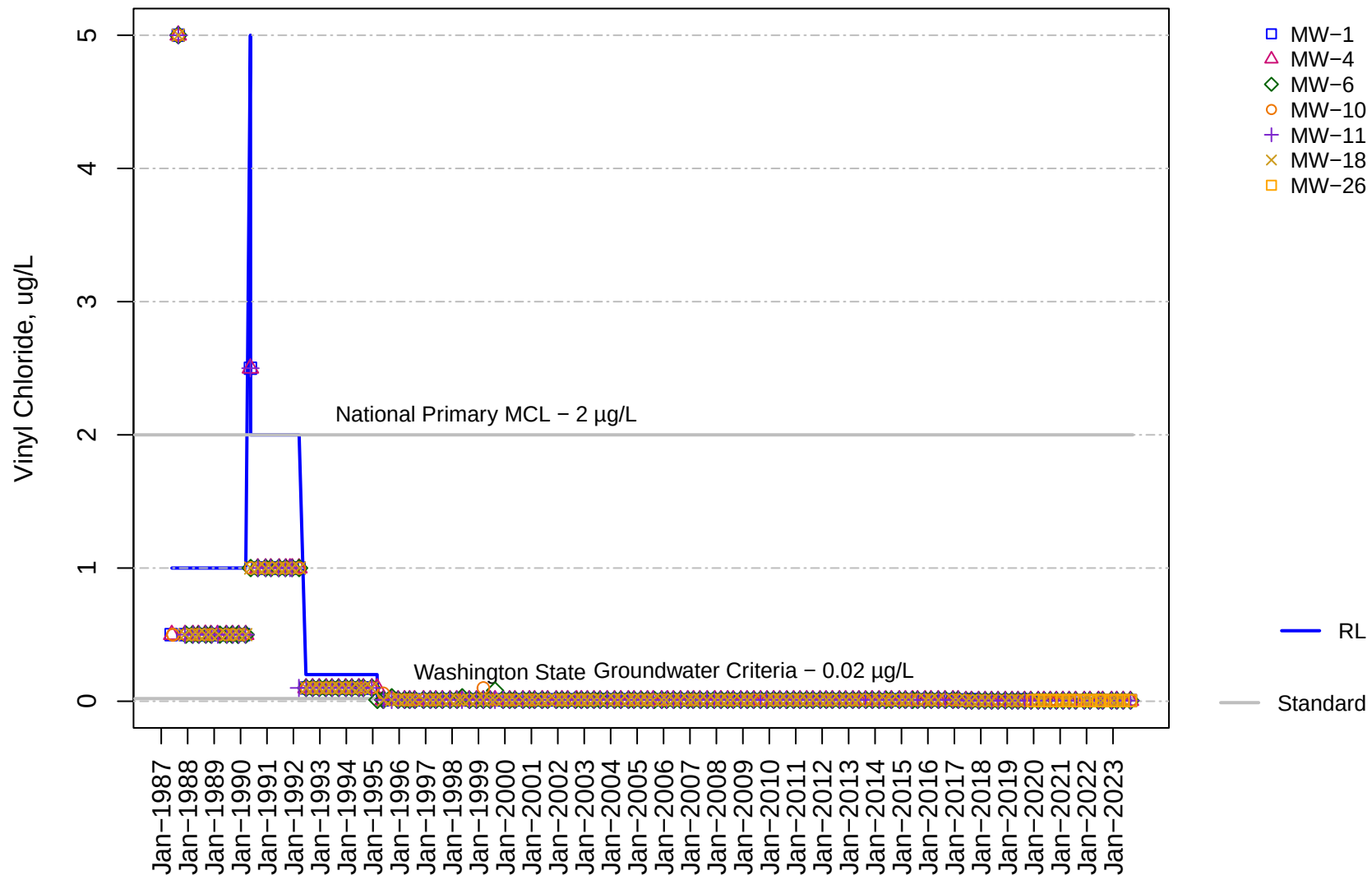


Figure C-1B
Shallow Aquifer
Field pH

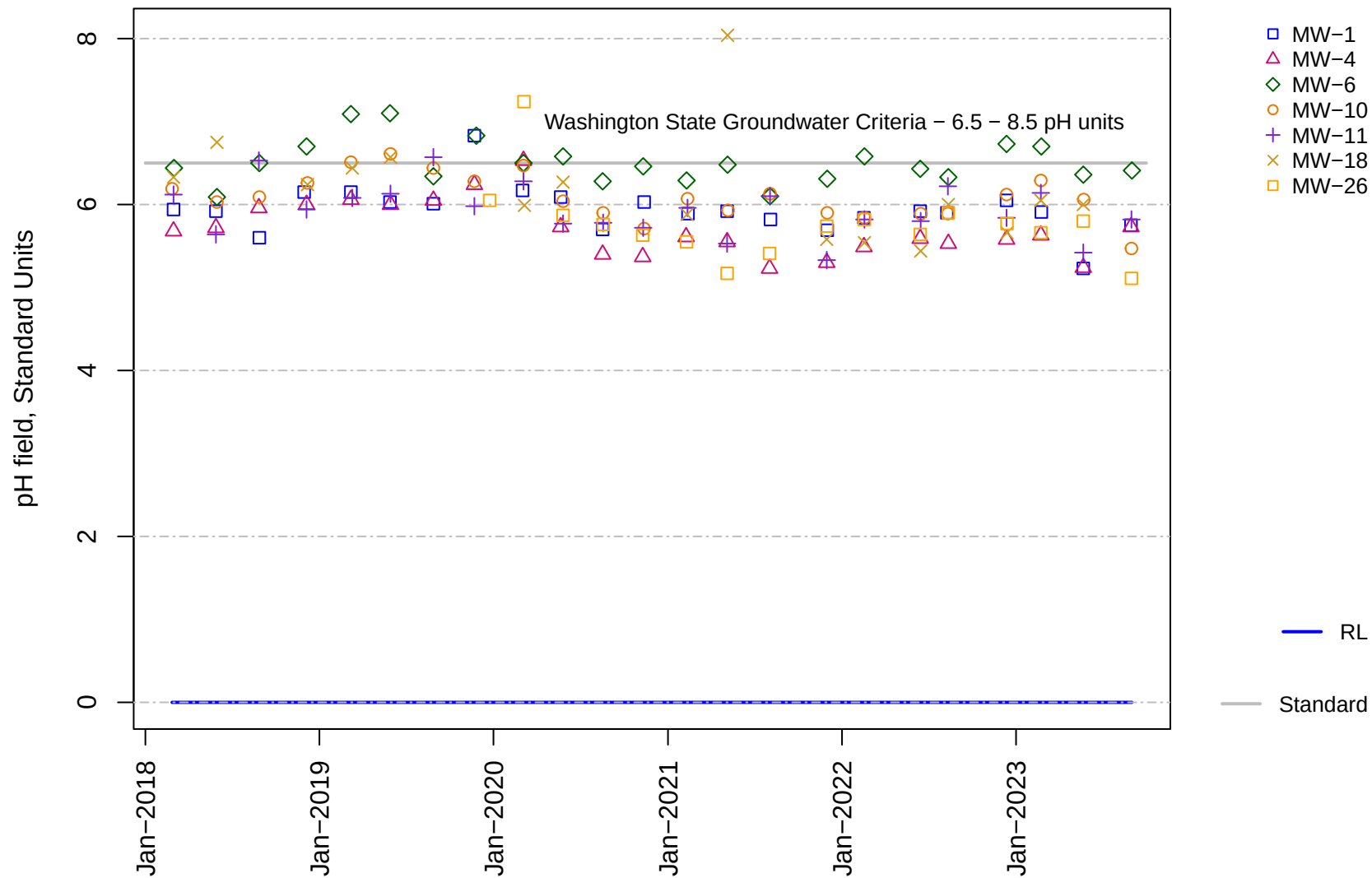


Figure C-2B
Shallow Aquifer
Field Specific Conductance

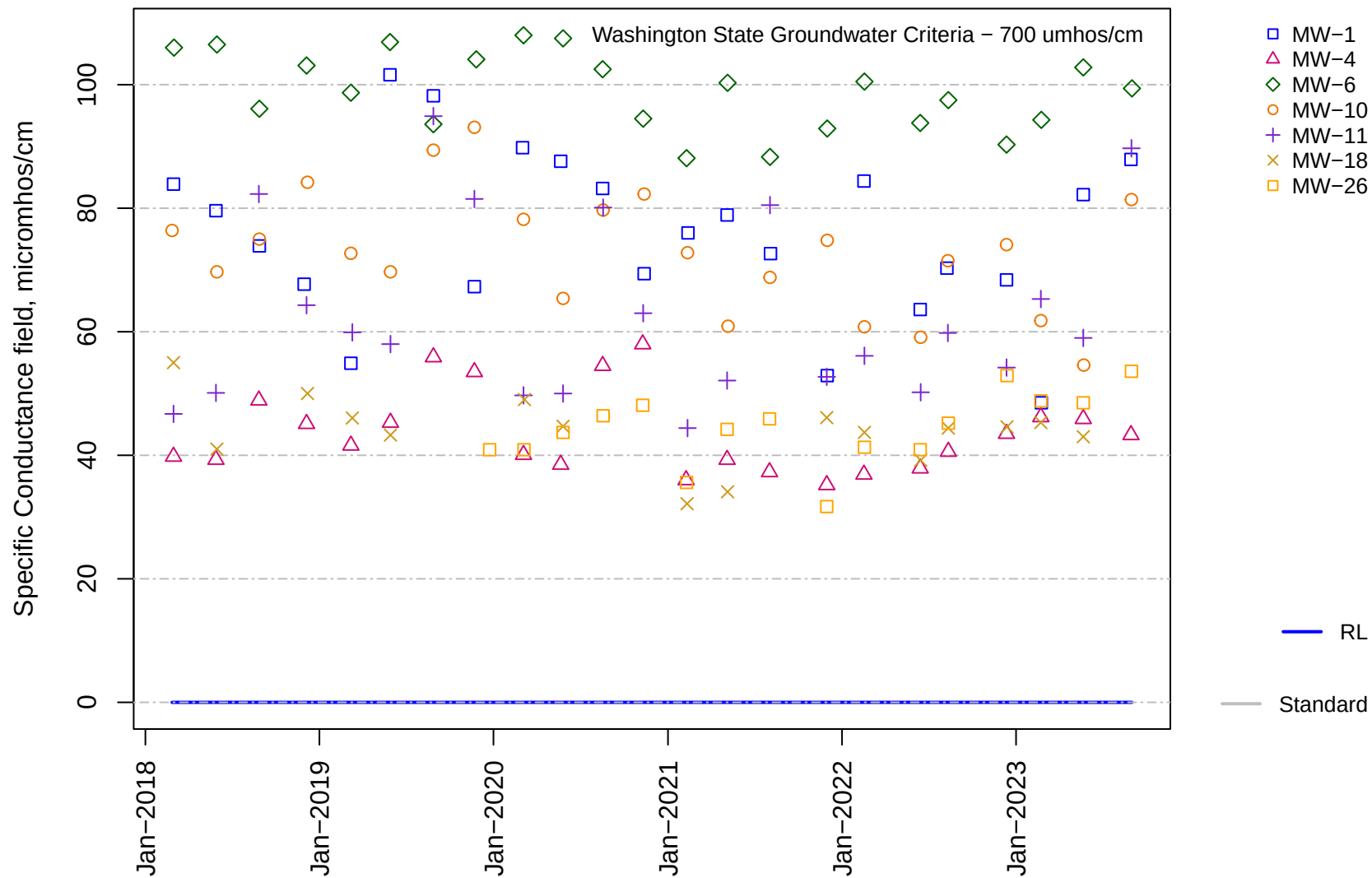


Figure C-3B
Shallow Aquifer
Alkalinity

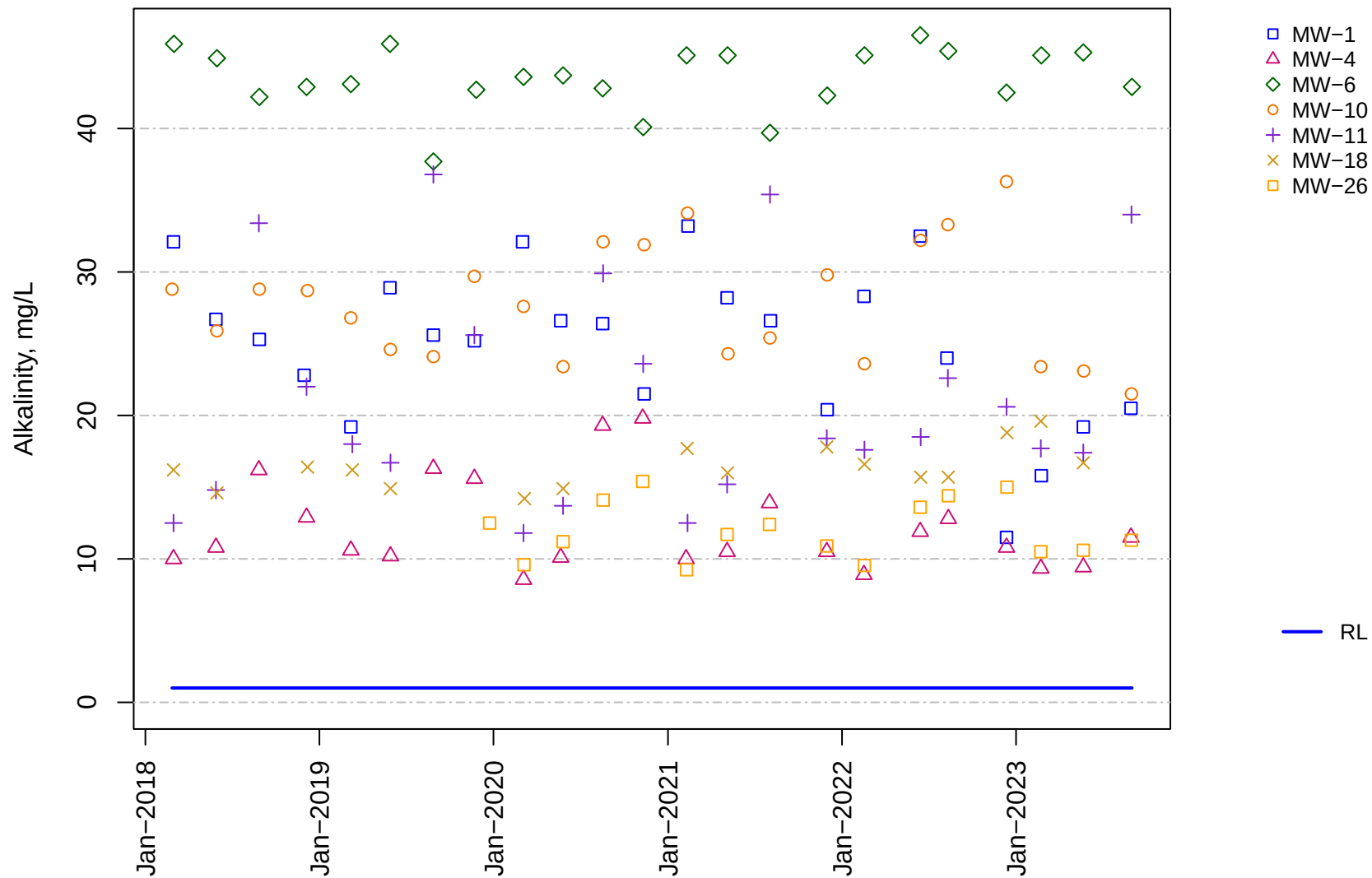


Figure C-4B
Shallow Aquifer
Ammonia

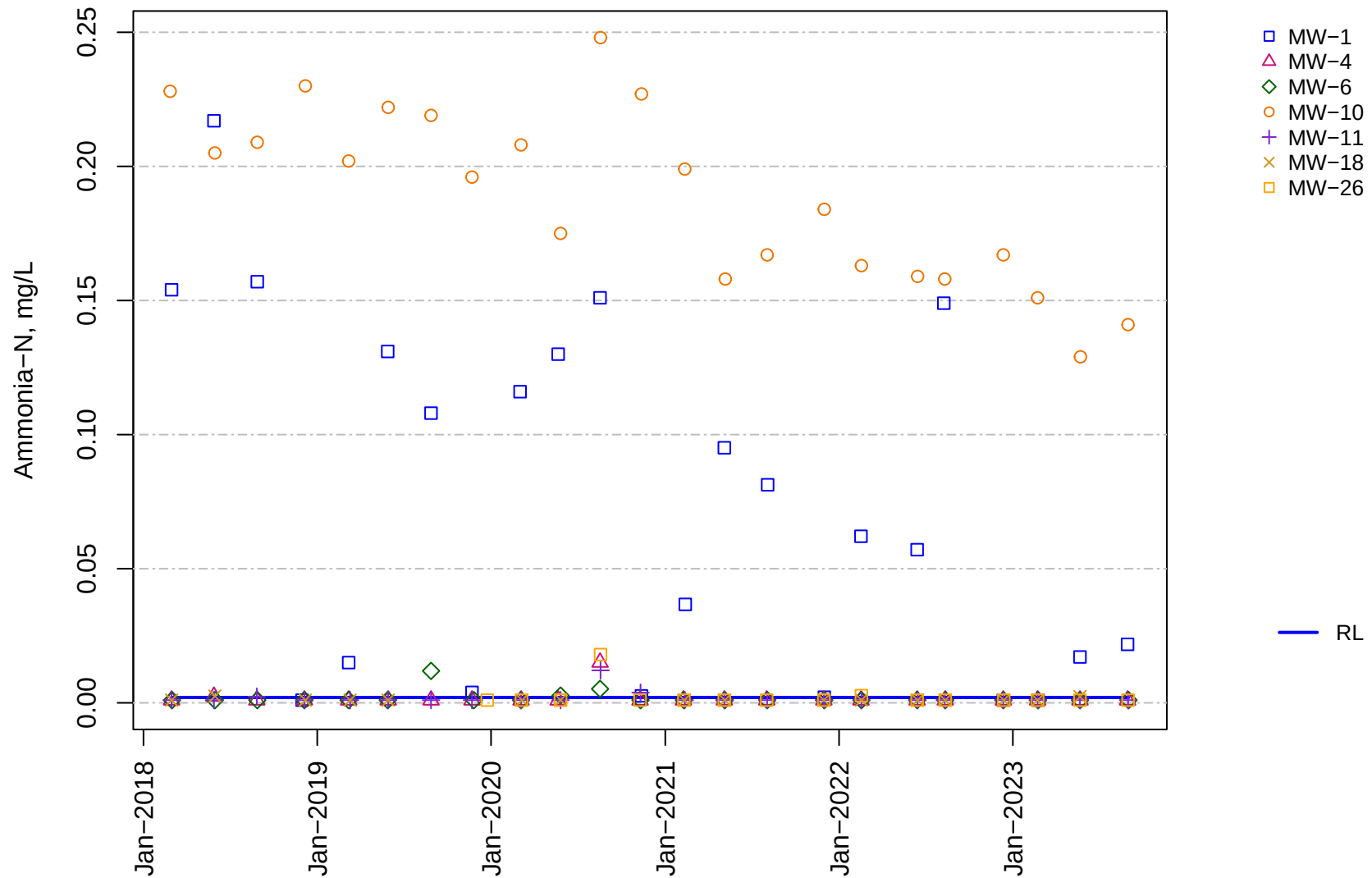


Figure C-5B
Shallow Aquifer
Chloride

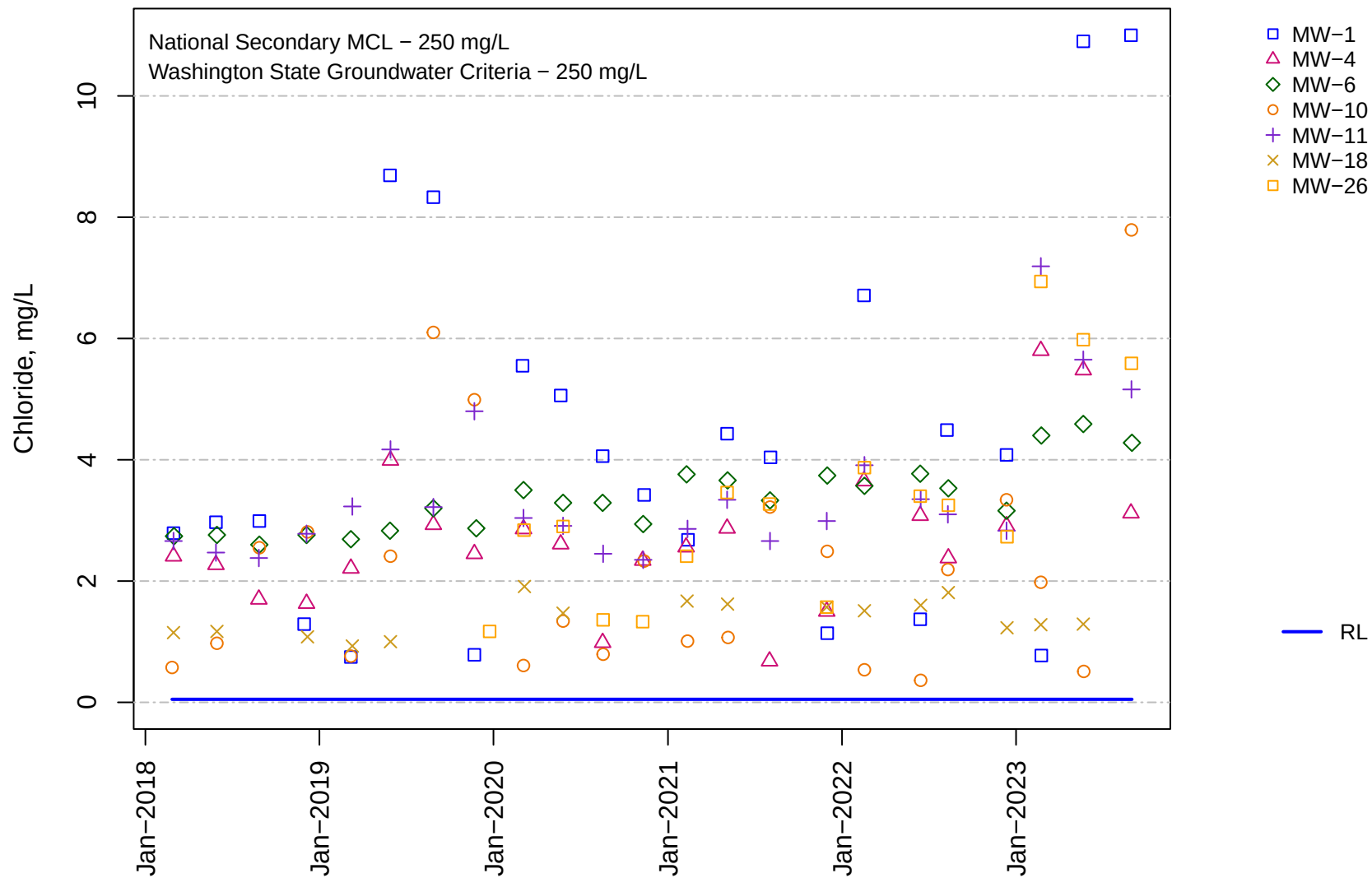


Figure C-6B
Shallow Aquifer
Nitrate

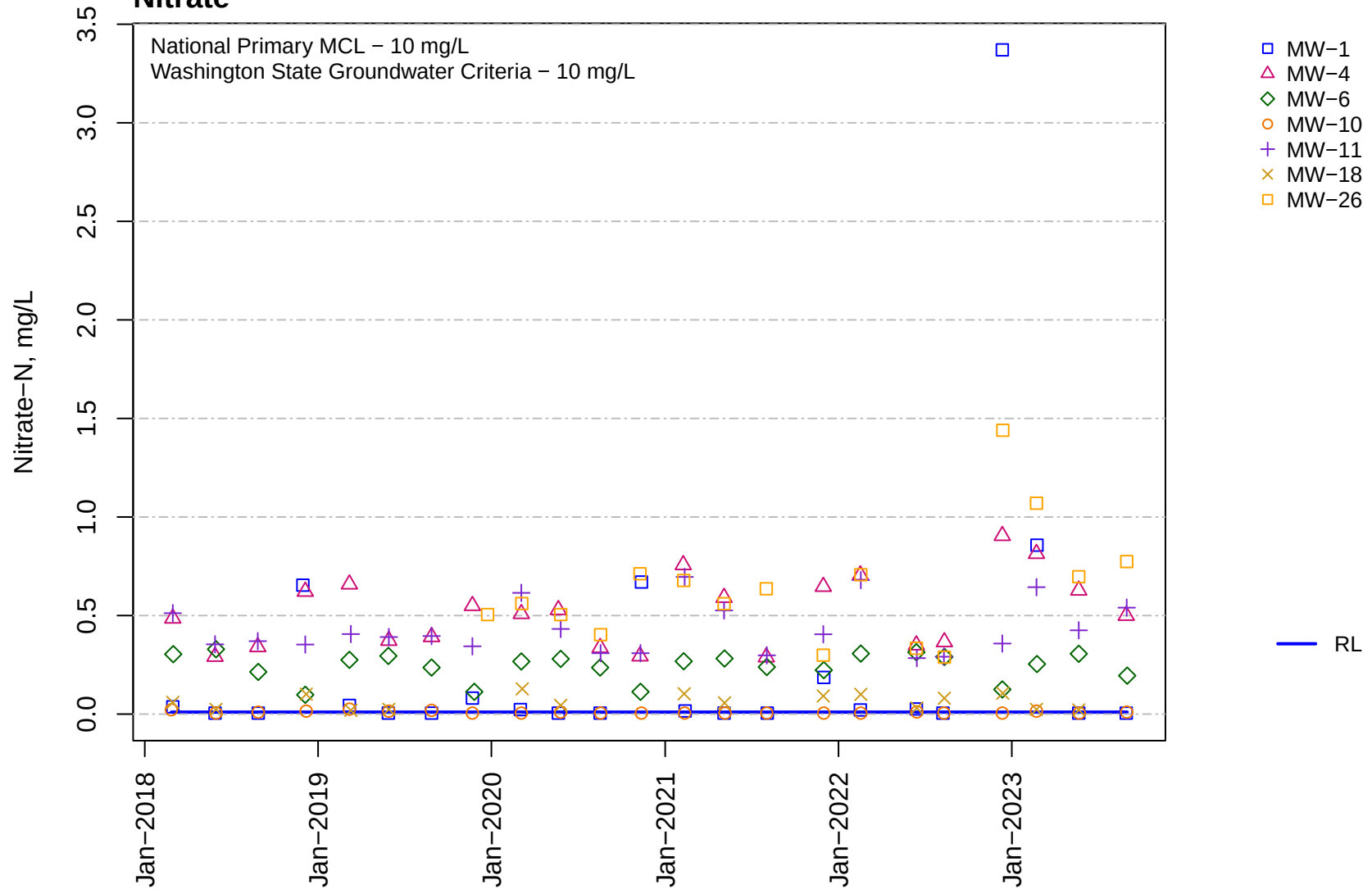


Figure C-7B
Shallow Aquifer
Sulfate

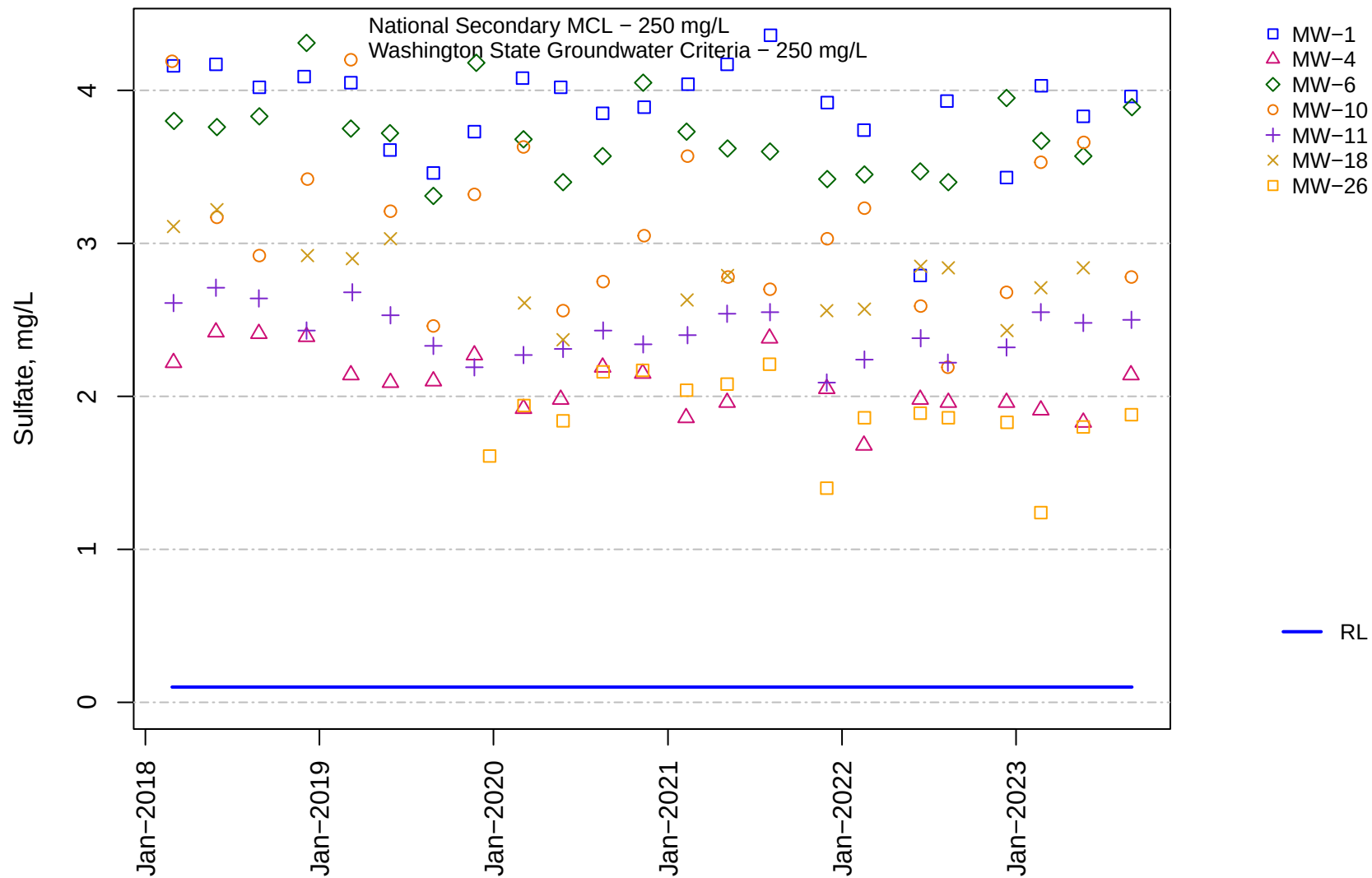


Figure C-8B
Shallow Aquifer
Total Dissolved Solids

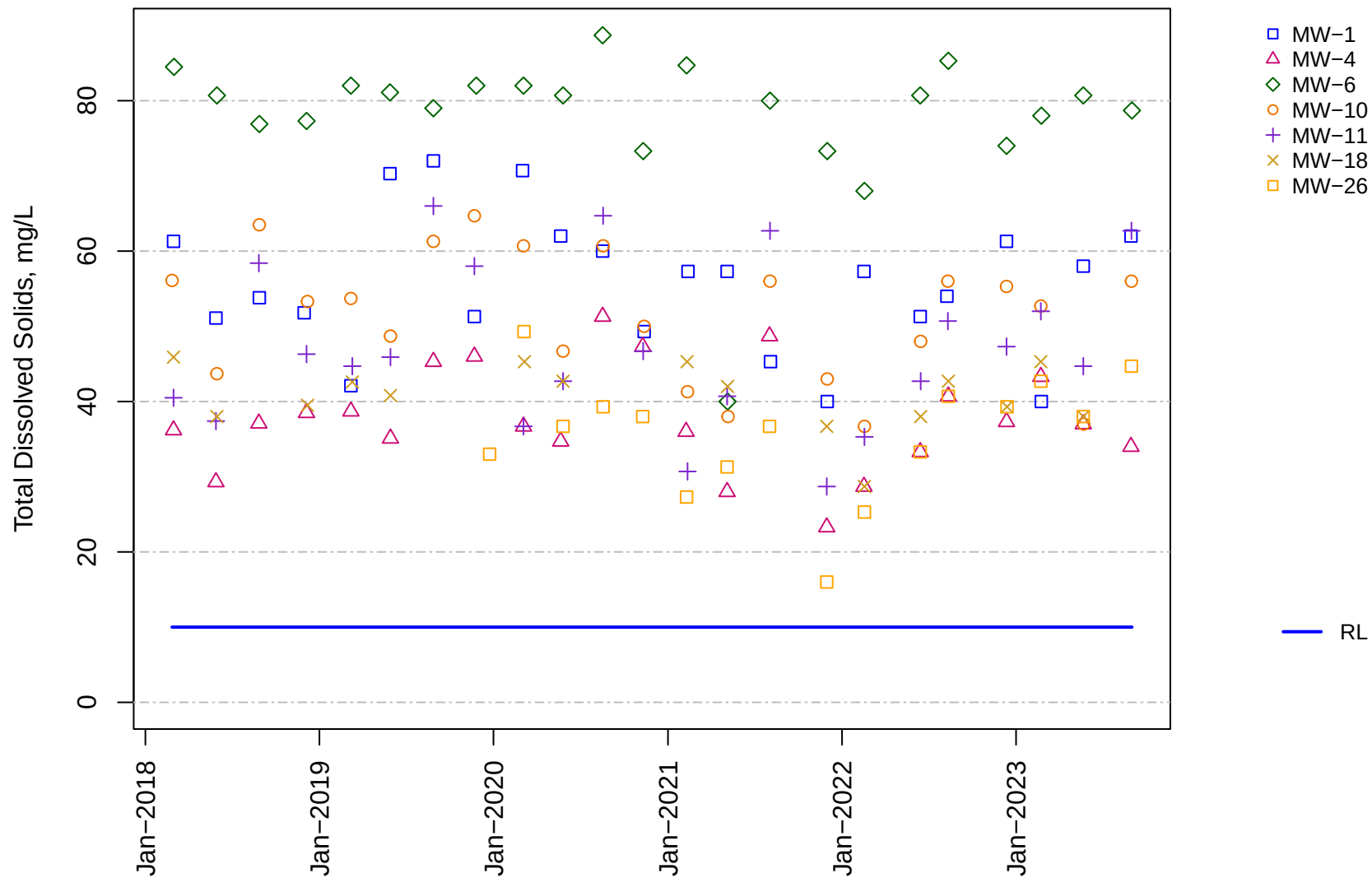


Figure C-9B
Shallow Aquifer
Arsenic

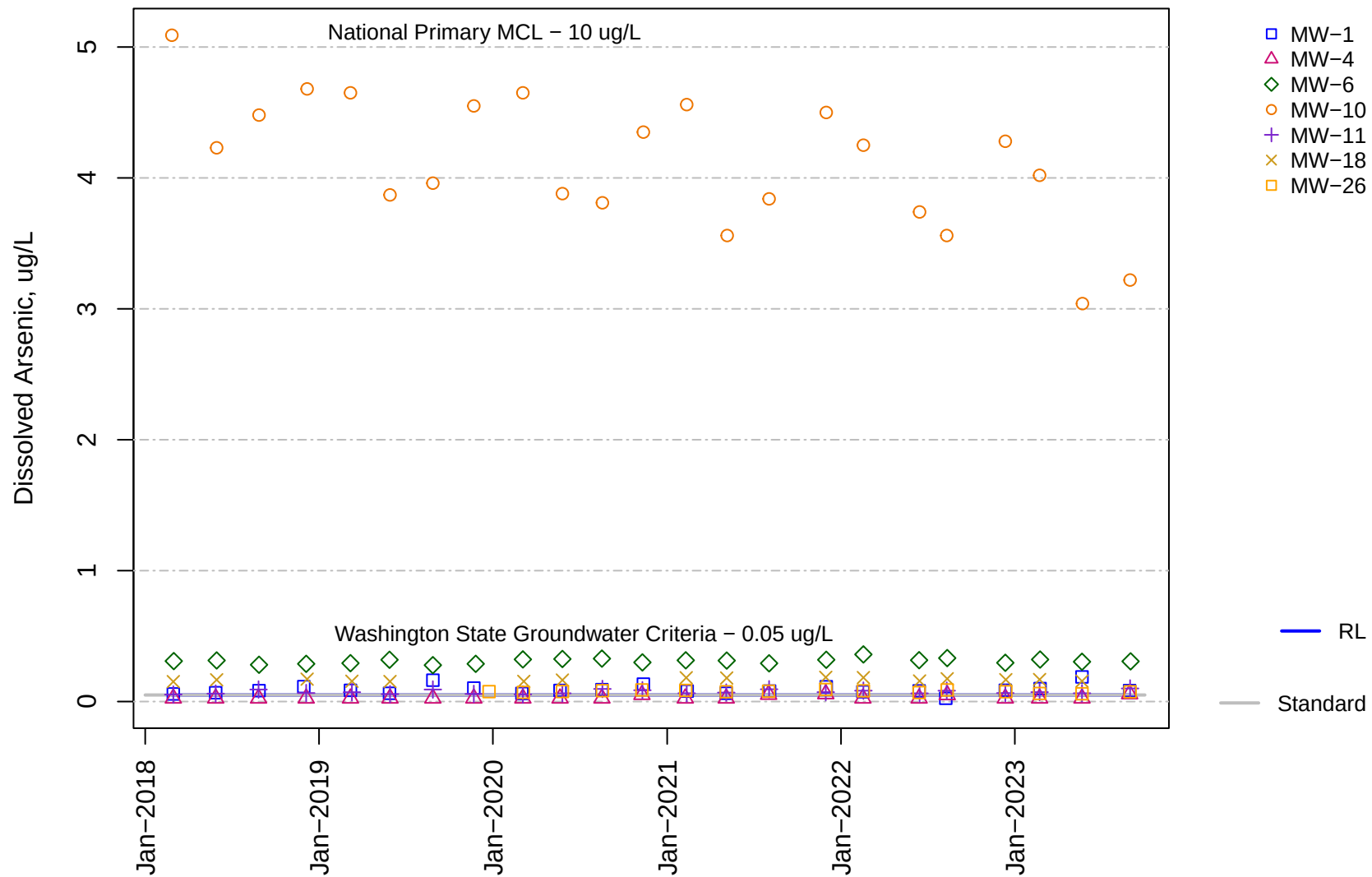


Figure C-10B
Shallow Aquifer
Calcium

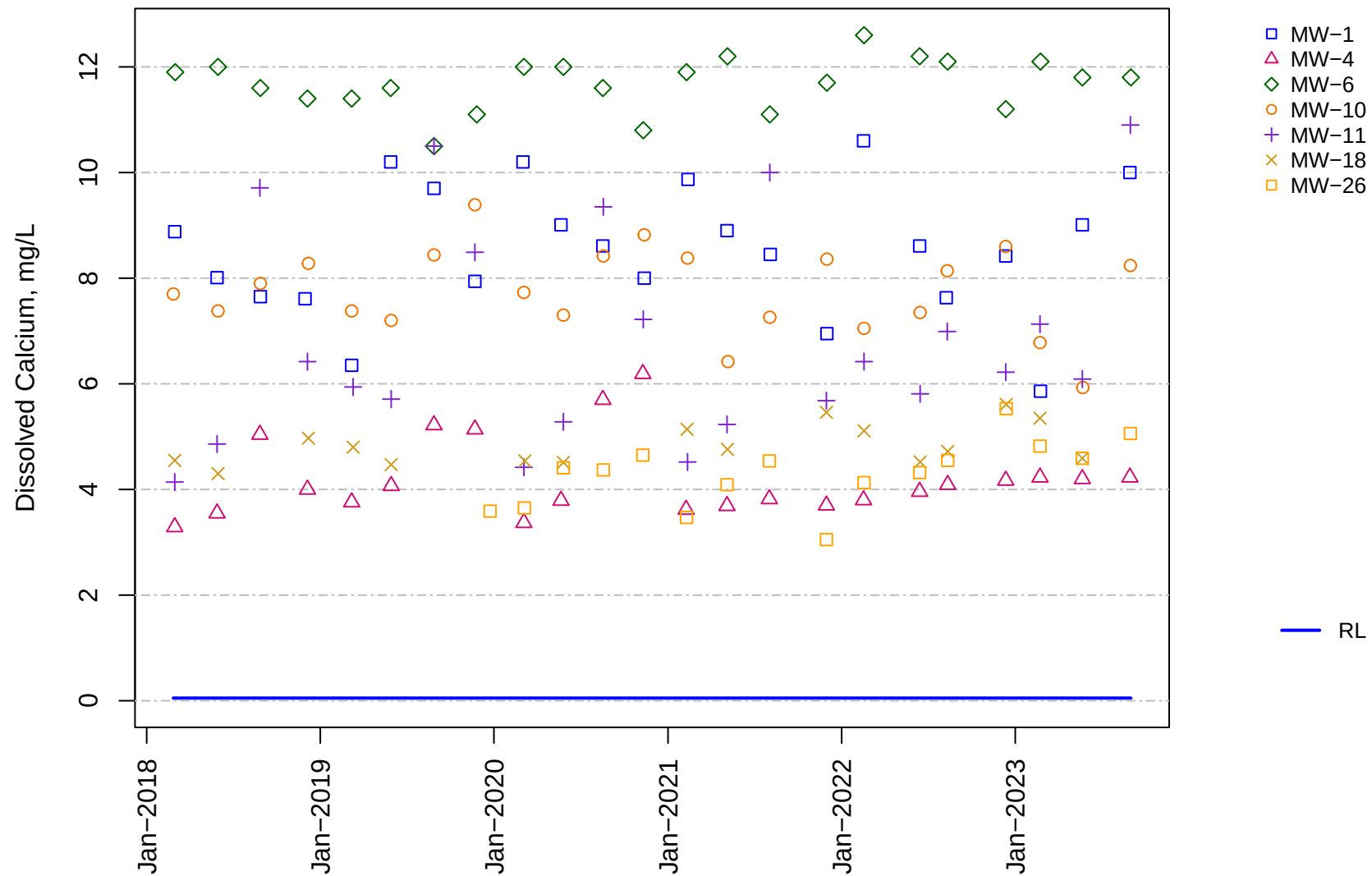


Figure C-11B
Shallow Aquifer
Iron

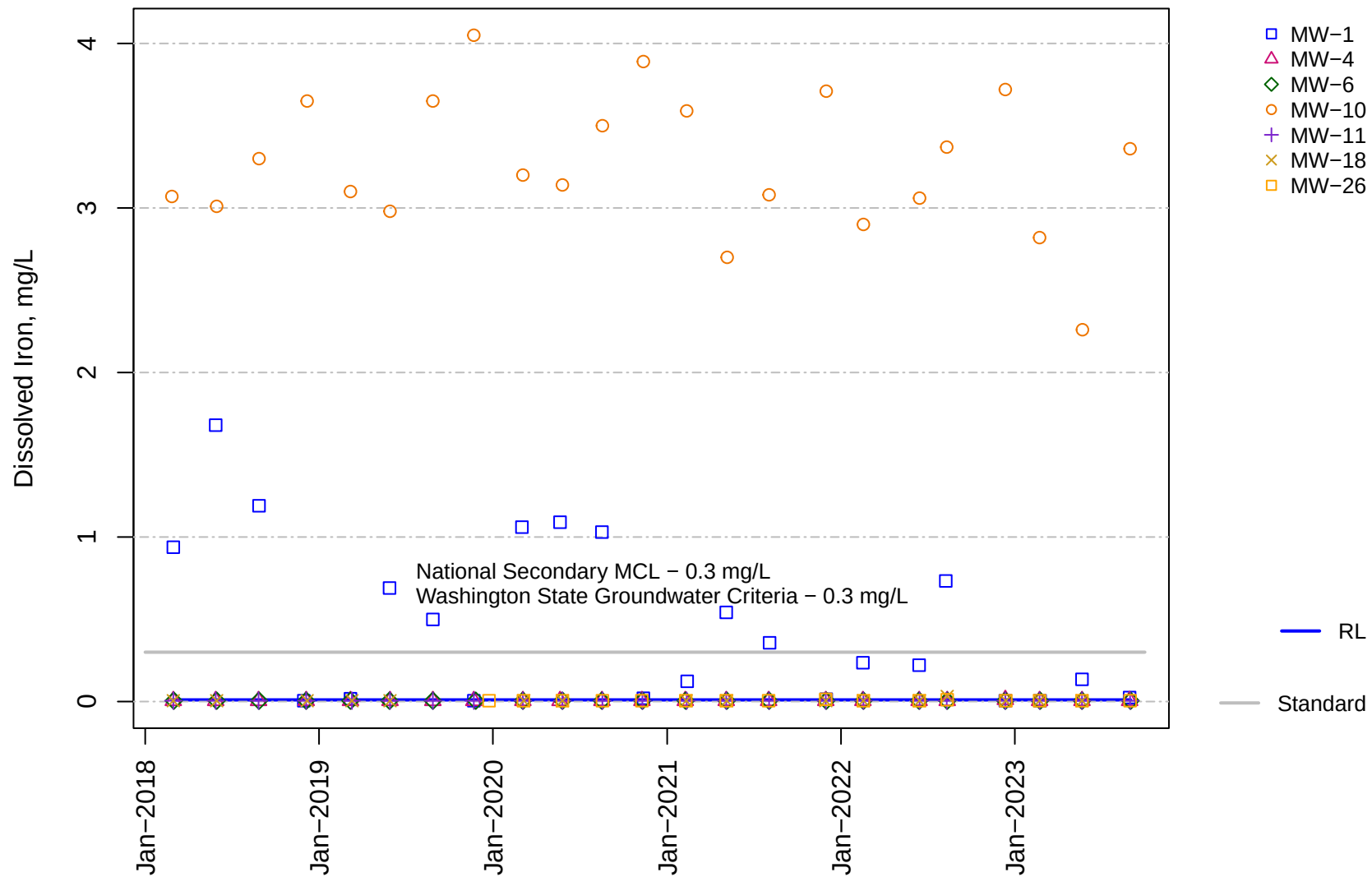


Figure C-12B
Shallow Aquifer
Magnesium

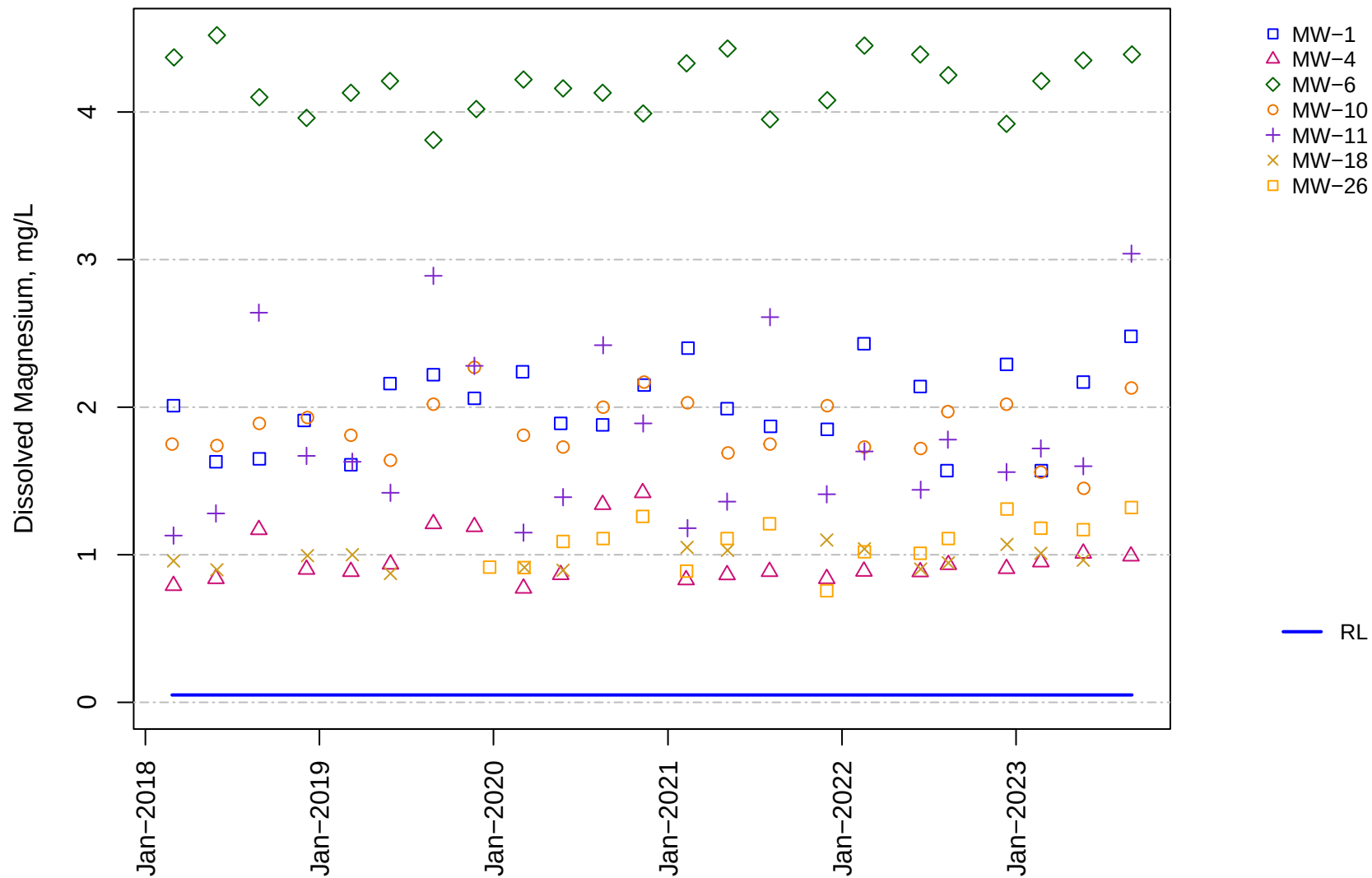


Figure C-13B
Shallow Aquifer
Manganese

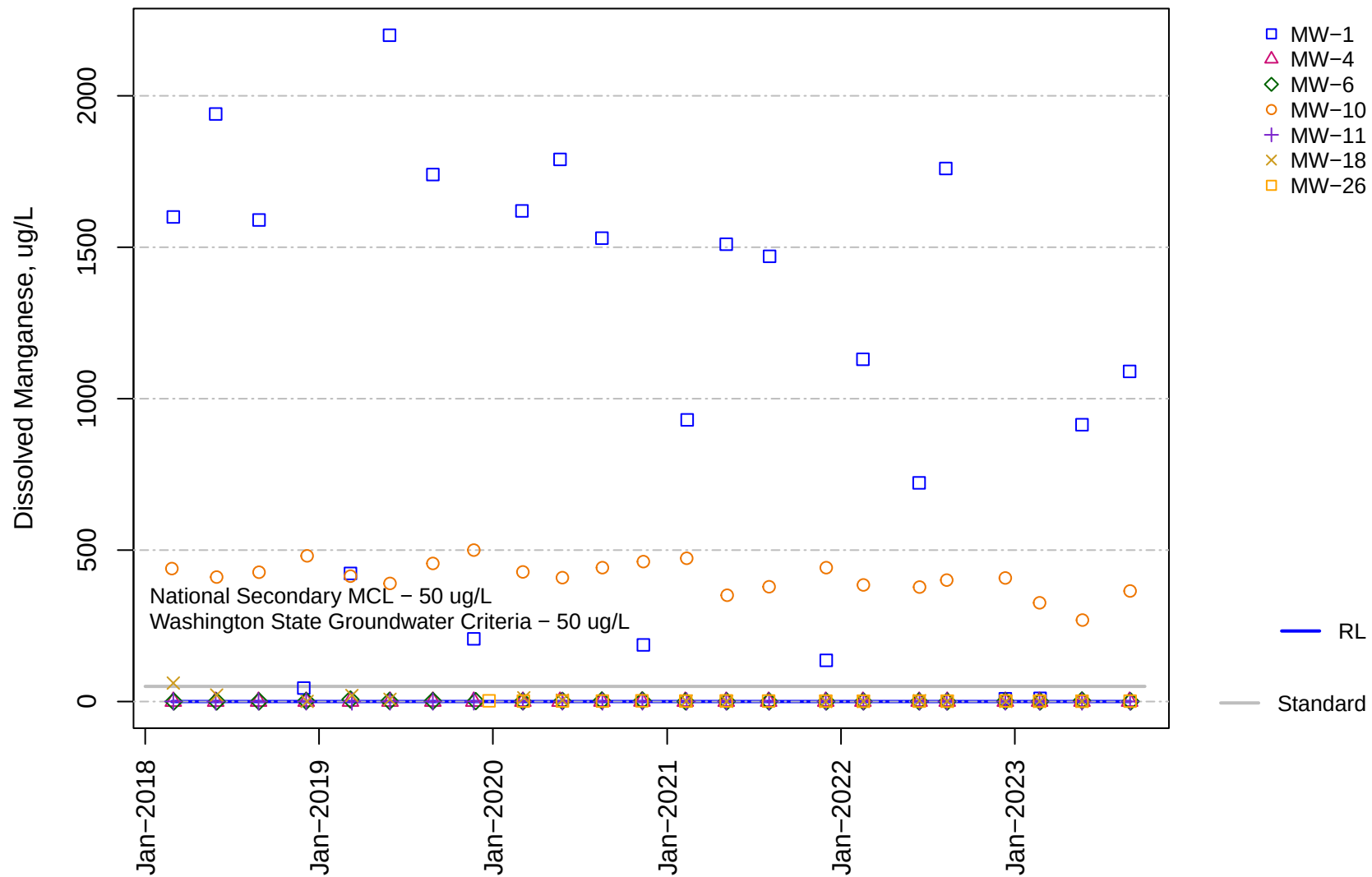


Figure C-14B
Shallow Aquifer
Potassium

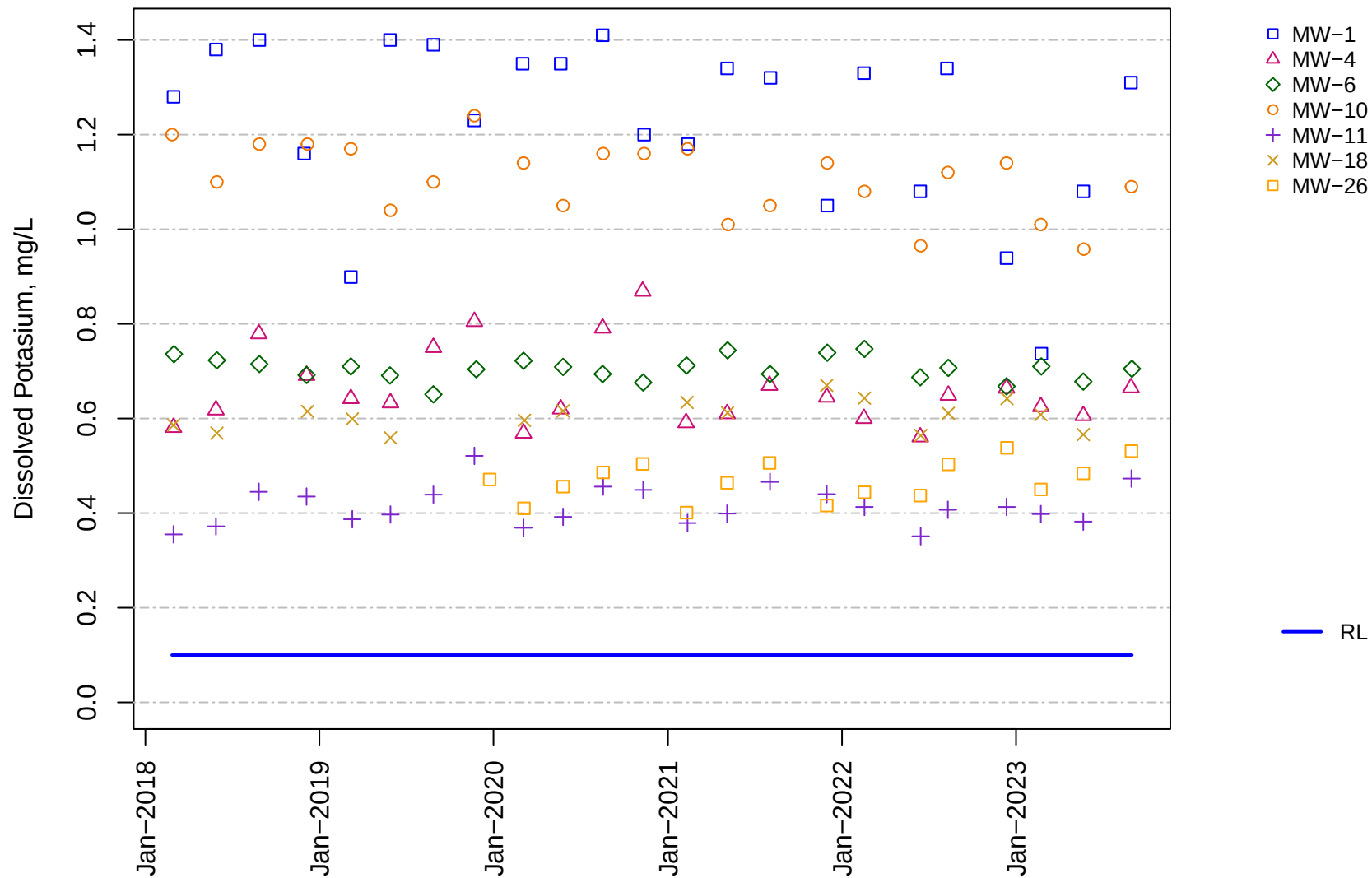


Figure C-15B
Shallow Aquifer
Sodium

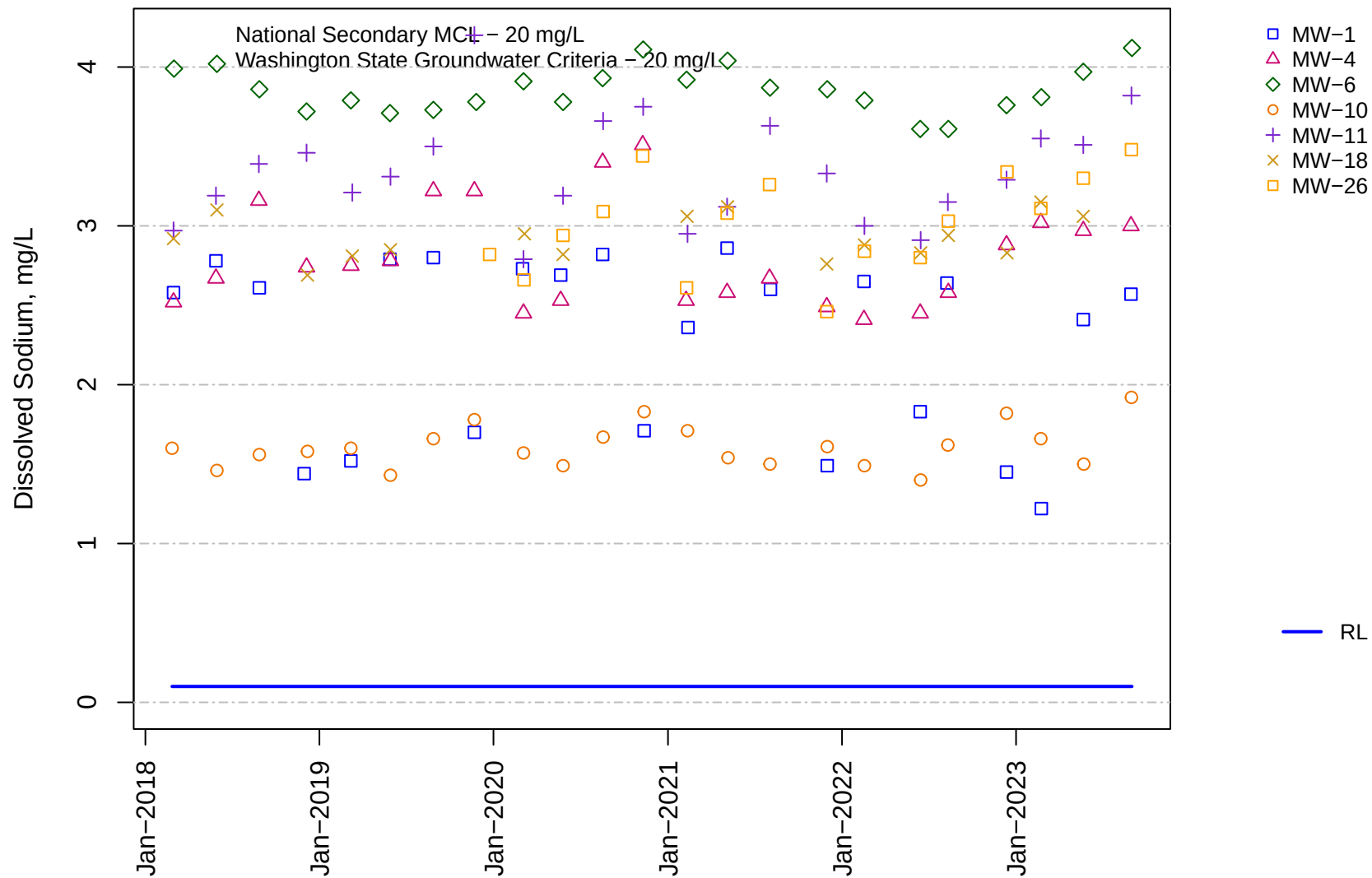


Figure C-16B
Shallow Aquifer
1,1-Dichloroethane

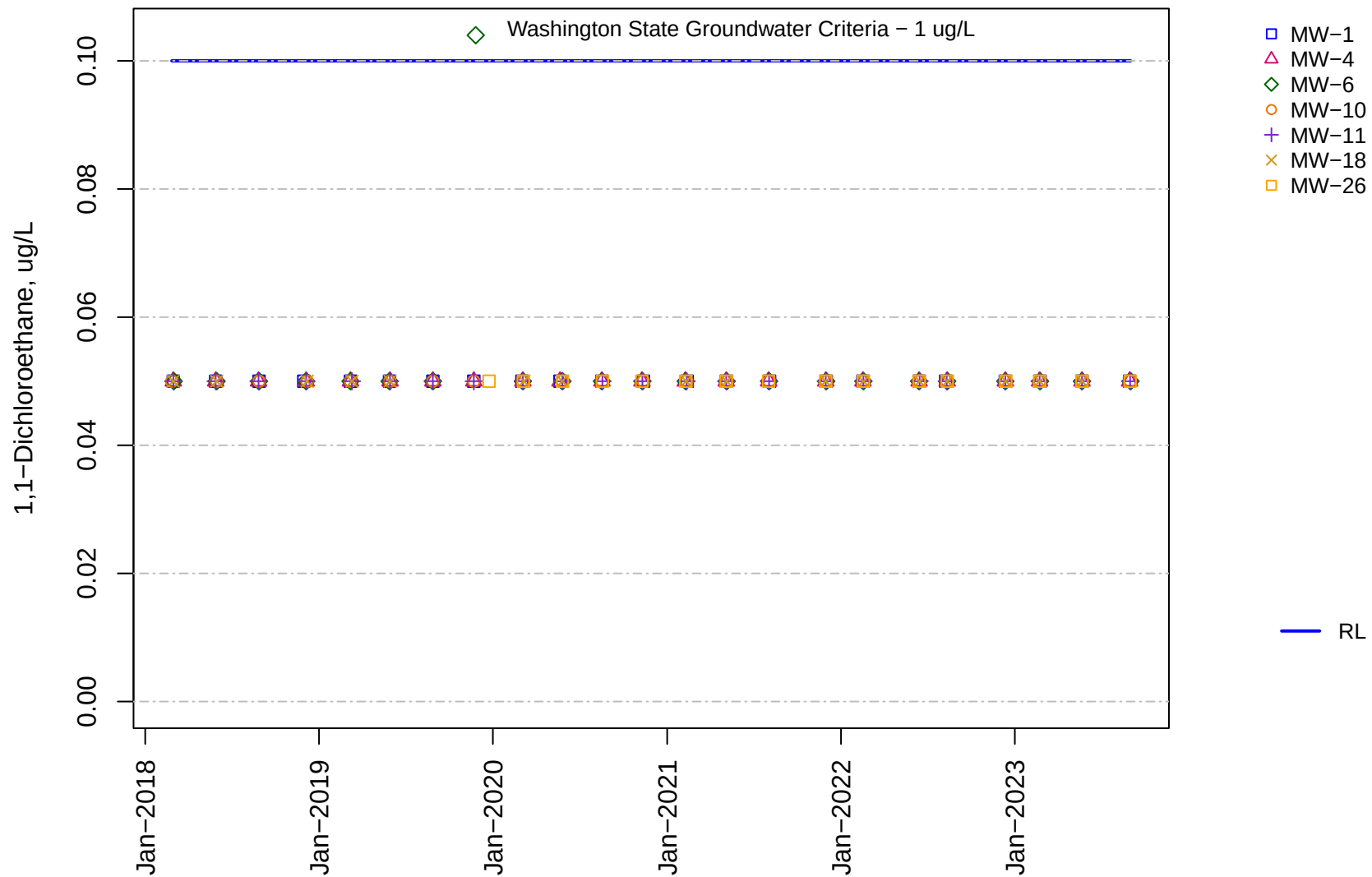


Figure C-17B
Shallow Aquifer
Cis-1,2-Dichloroethene

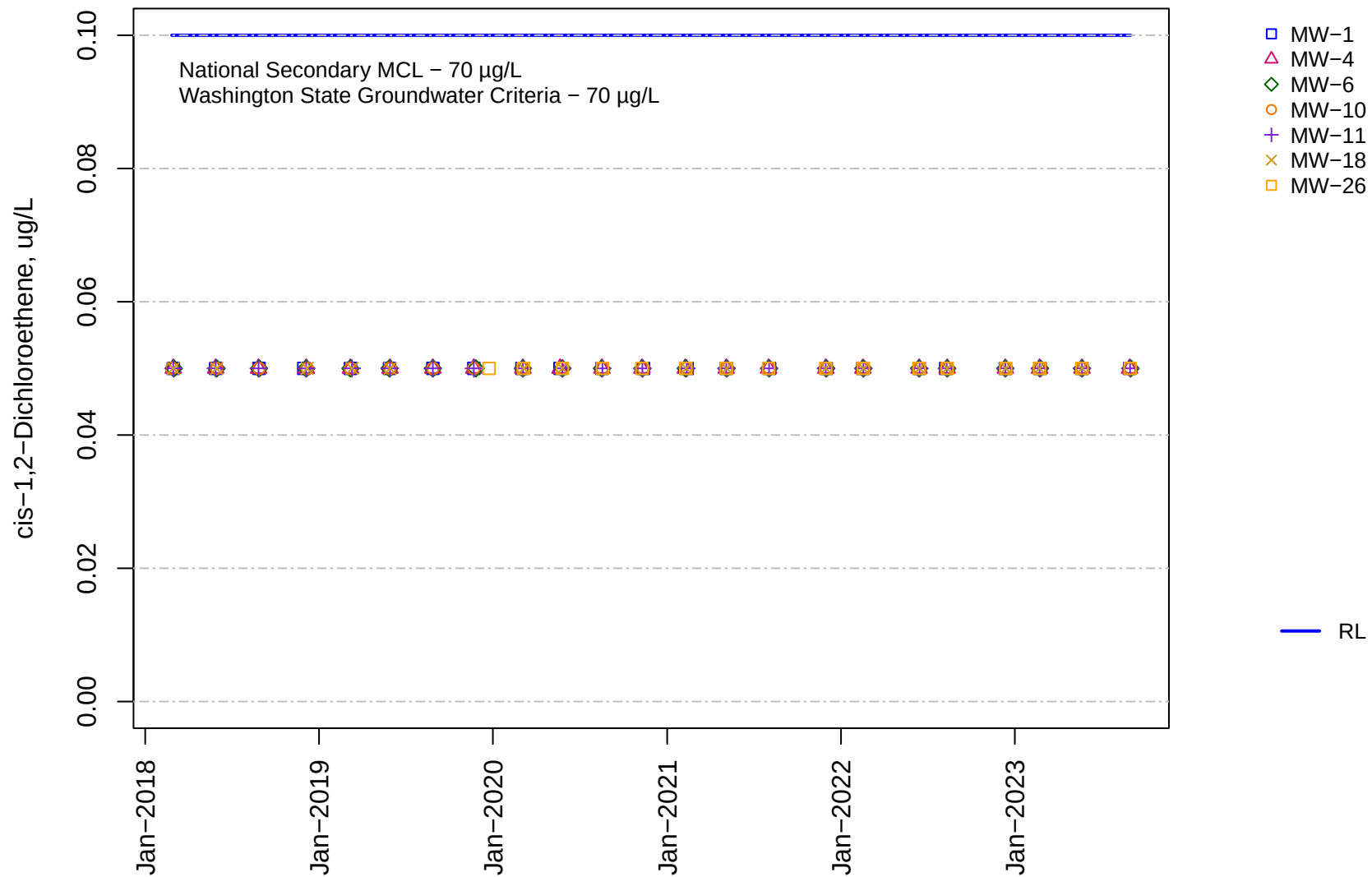


Figure C-18B
Shallow Aquifer
Dichlorodifluoromethane

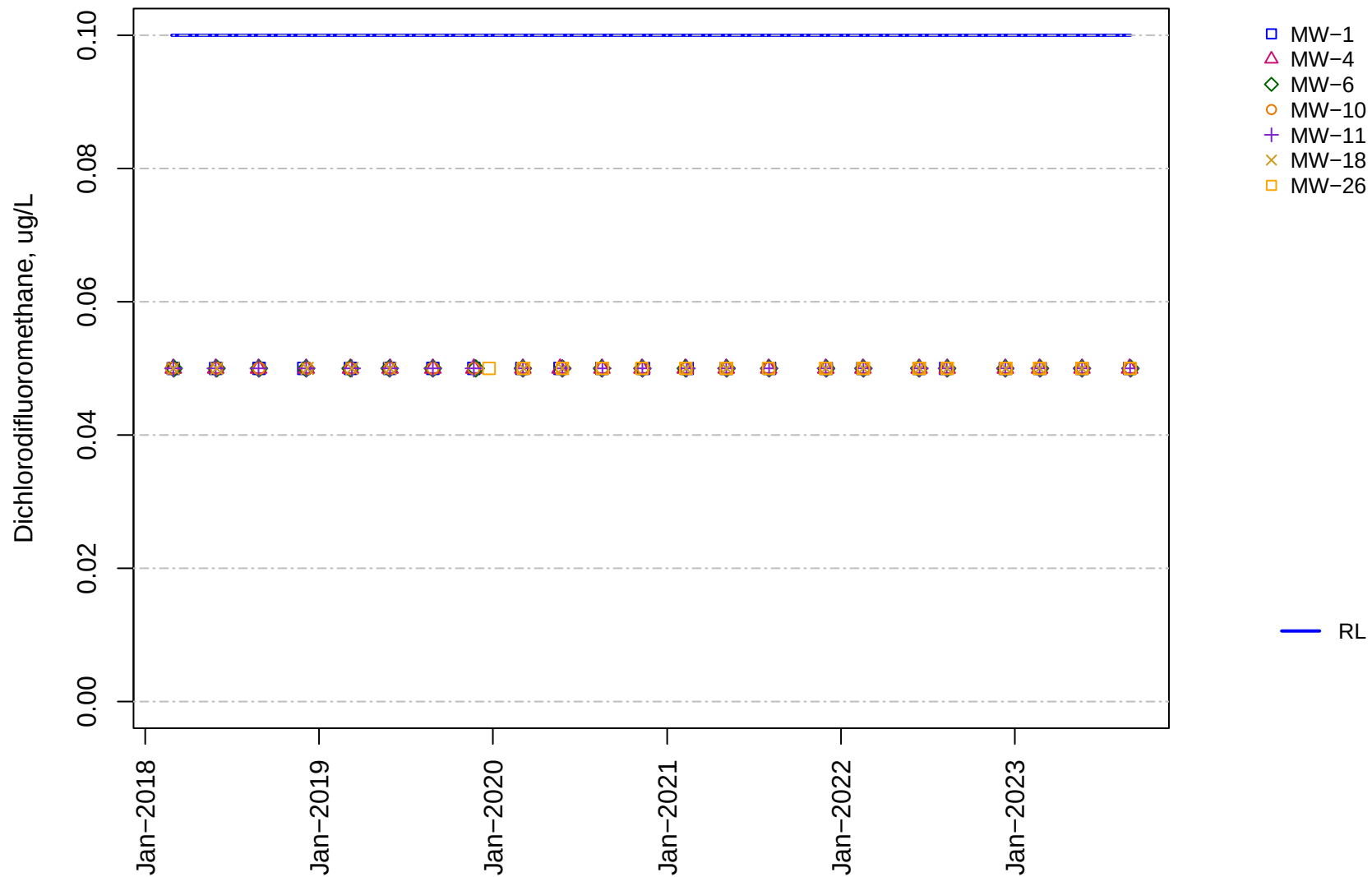


Figure C-19B
Shallow Aquifer
1,1,1-Trichloroethane

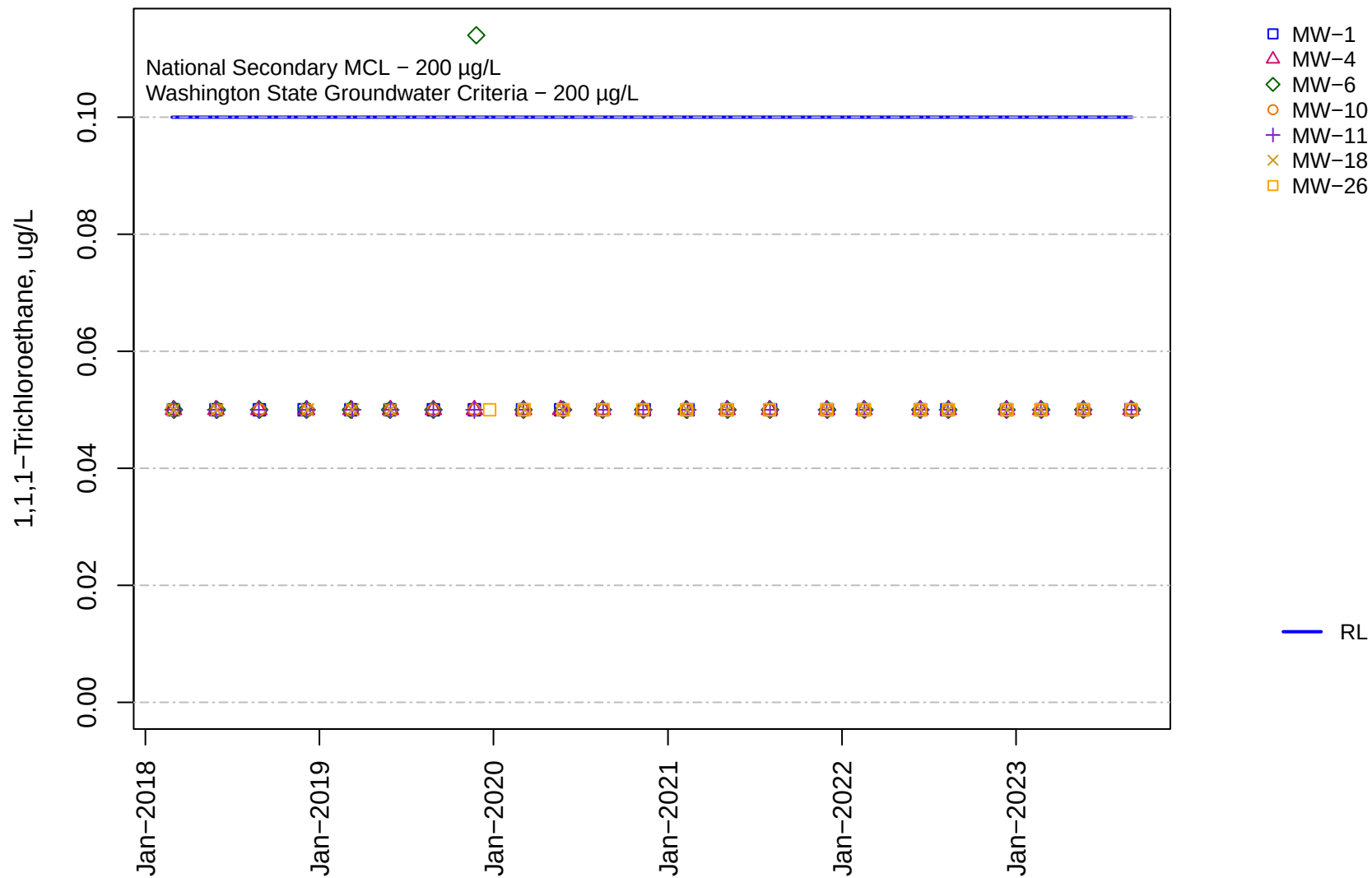
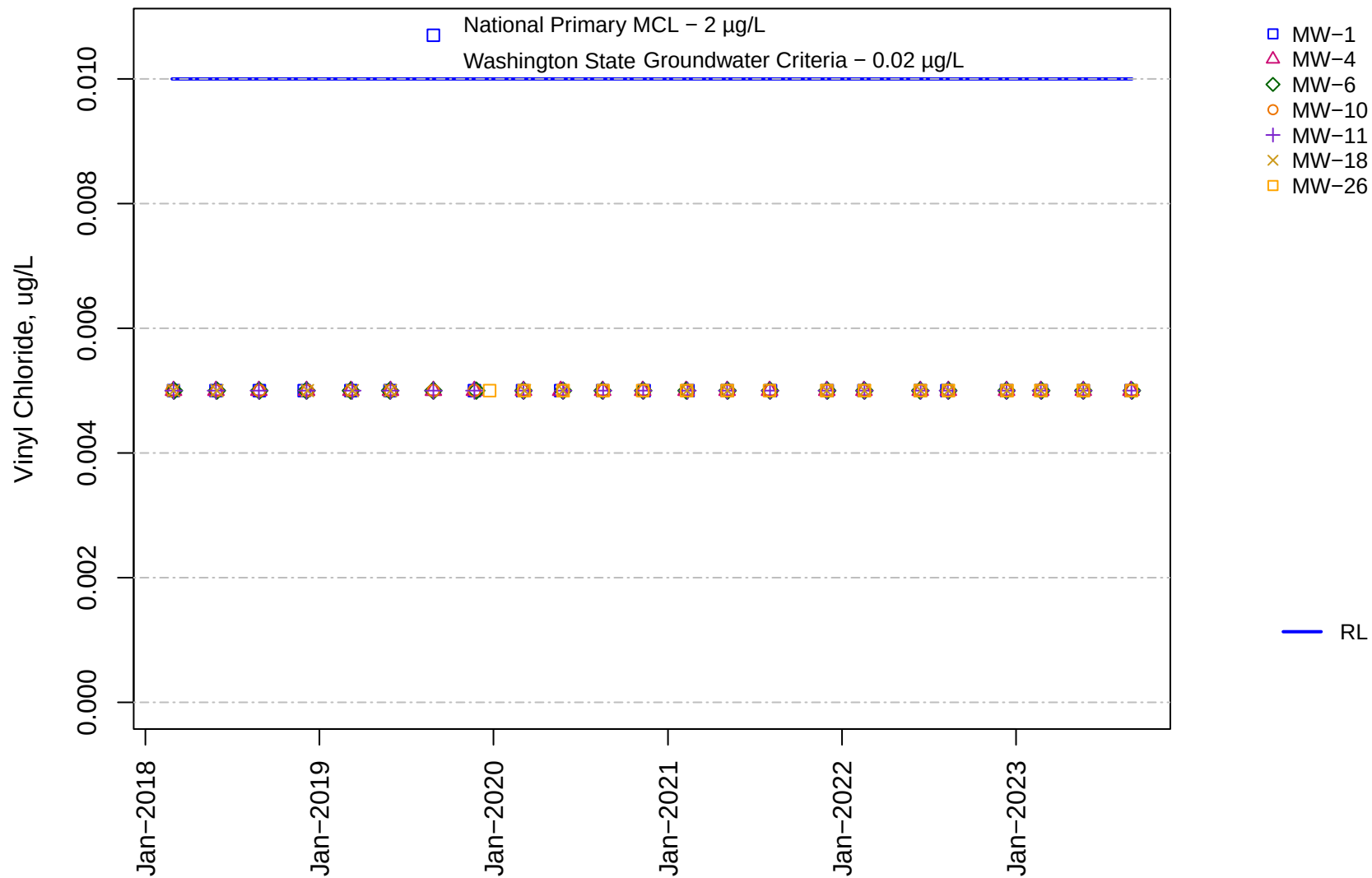


Figure C-20B
Shallow Aquifer
Vinyl Chloride



Appendix D

Deep Aquifer Time Concentration Plots

Figure D-1A
Deep Aquifer
Field pH

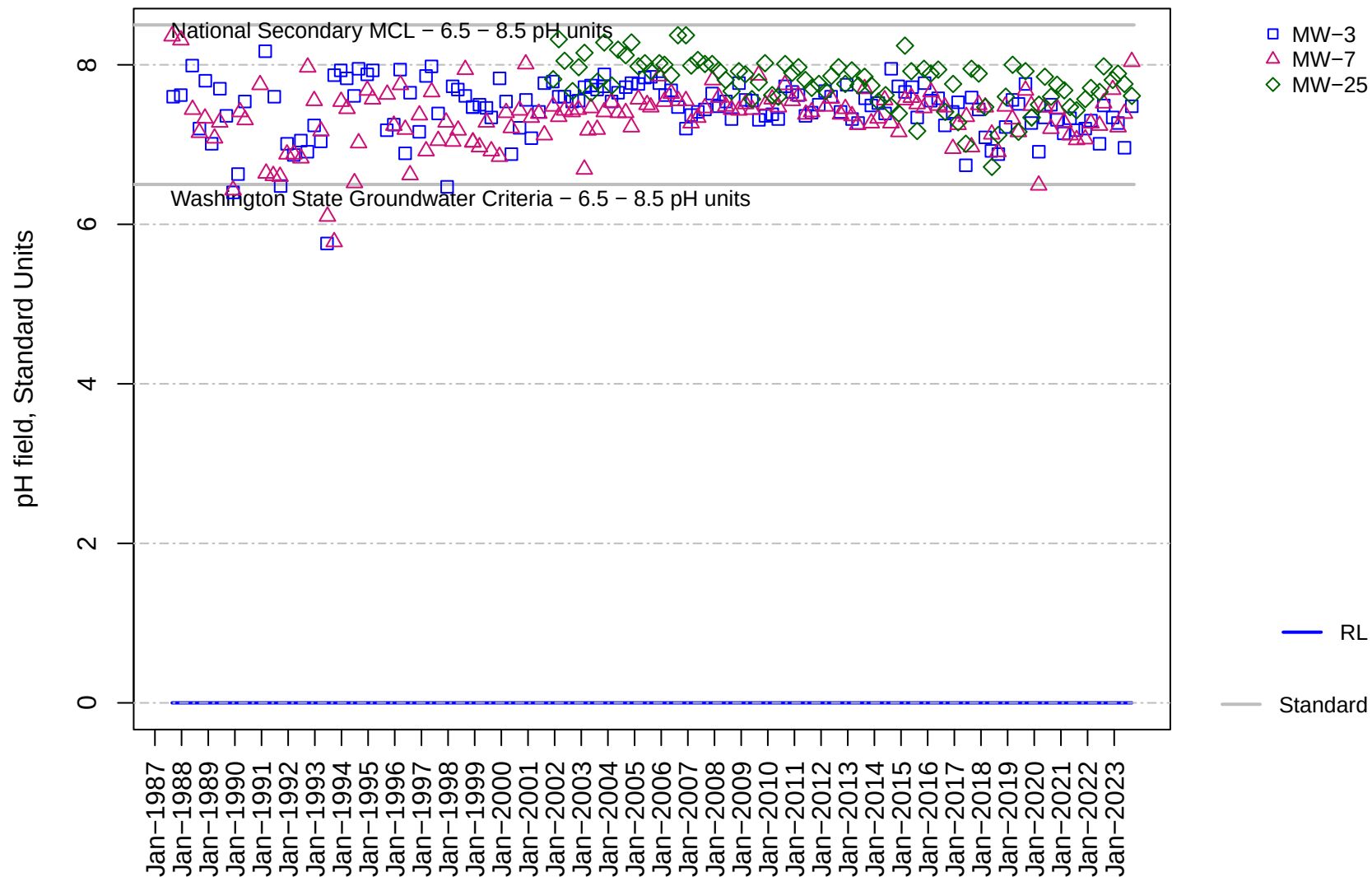


Figure D-2A
Deep Aquifer
Field Specific Conductance

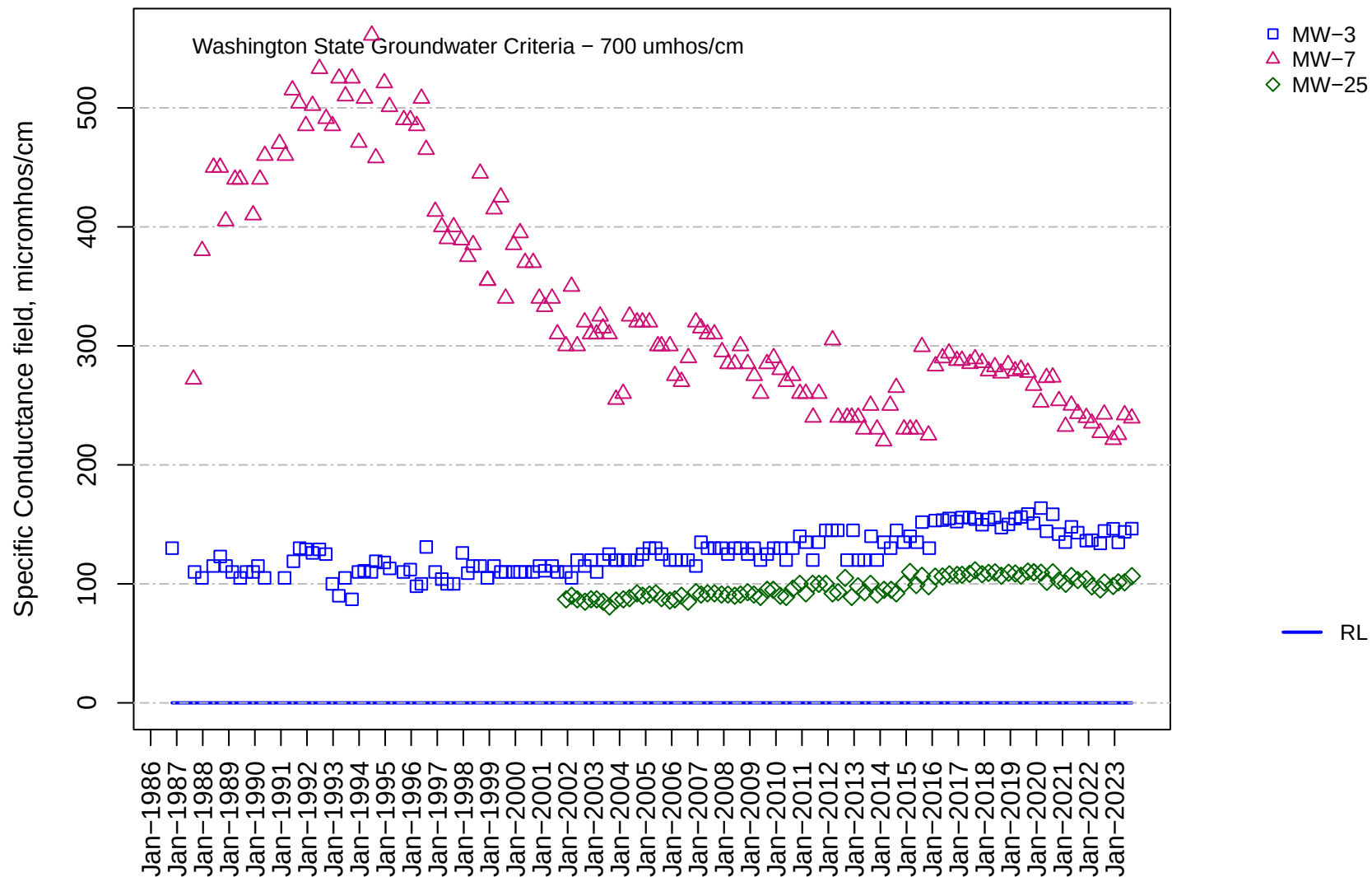


Figure D-3A
Deep Aquifer
Alkalinity

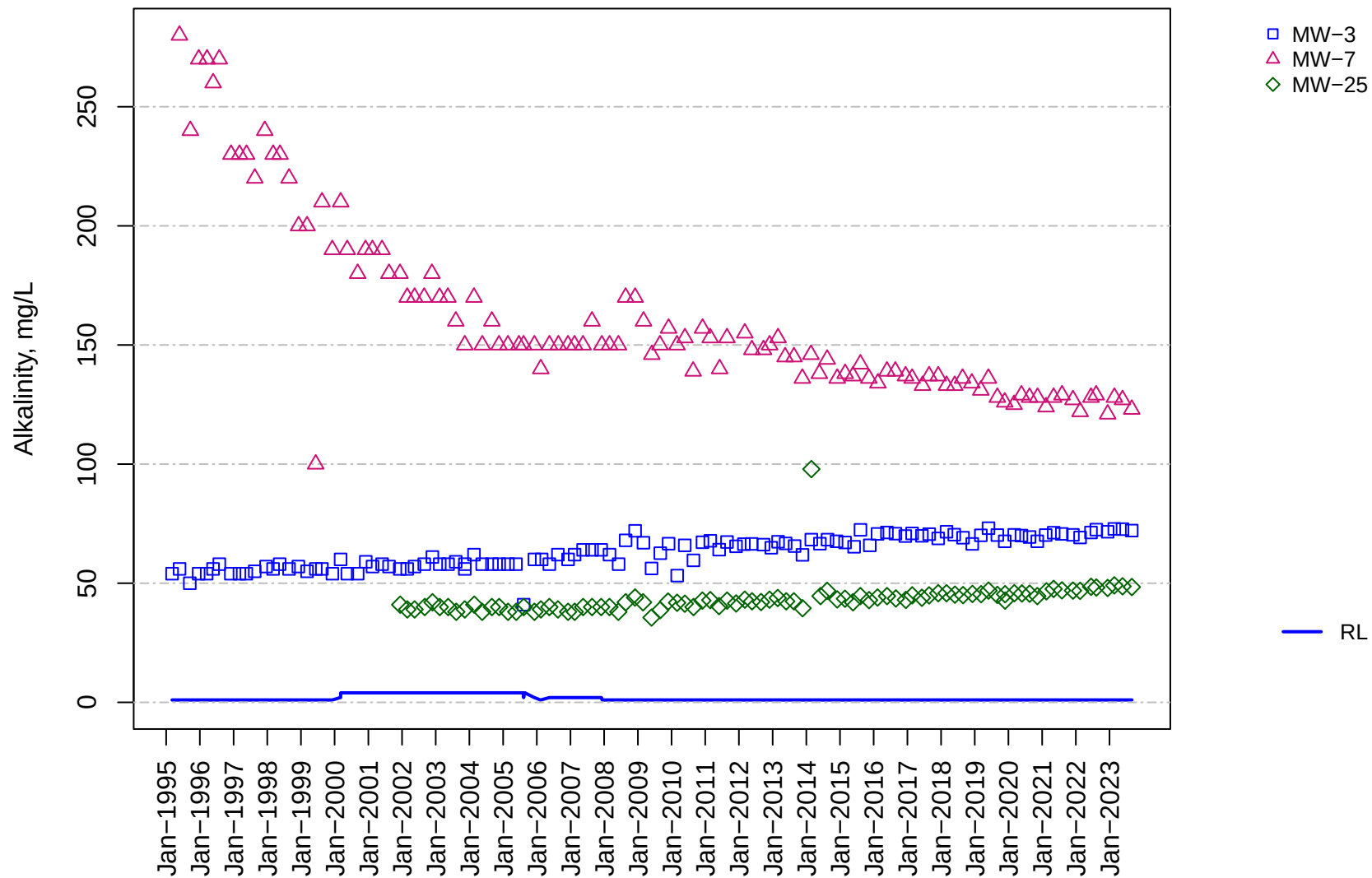


Figure D-4A
Deep Aquifer
Ammonia

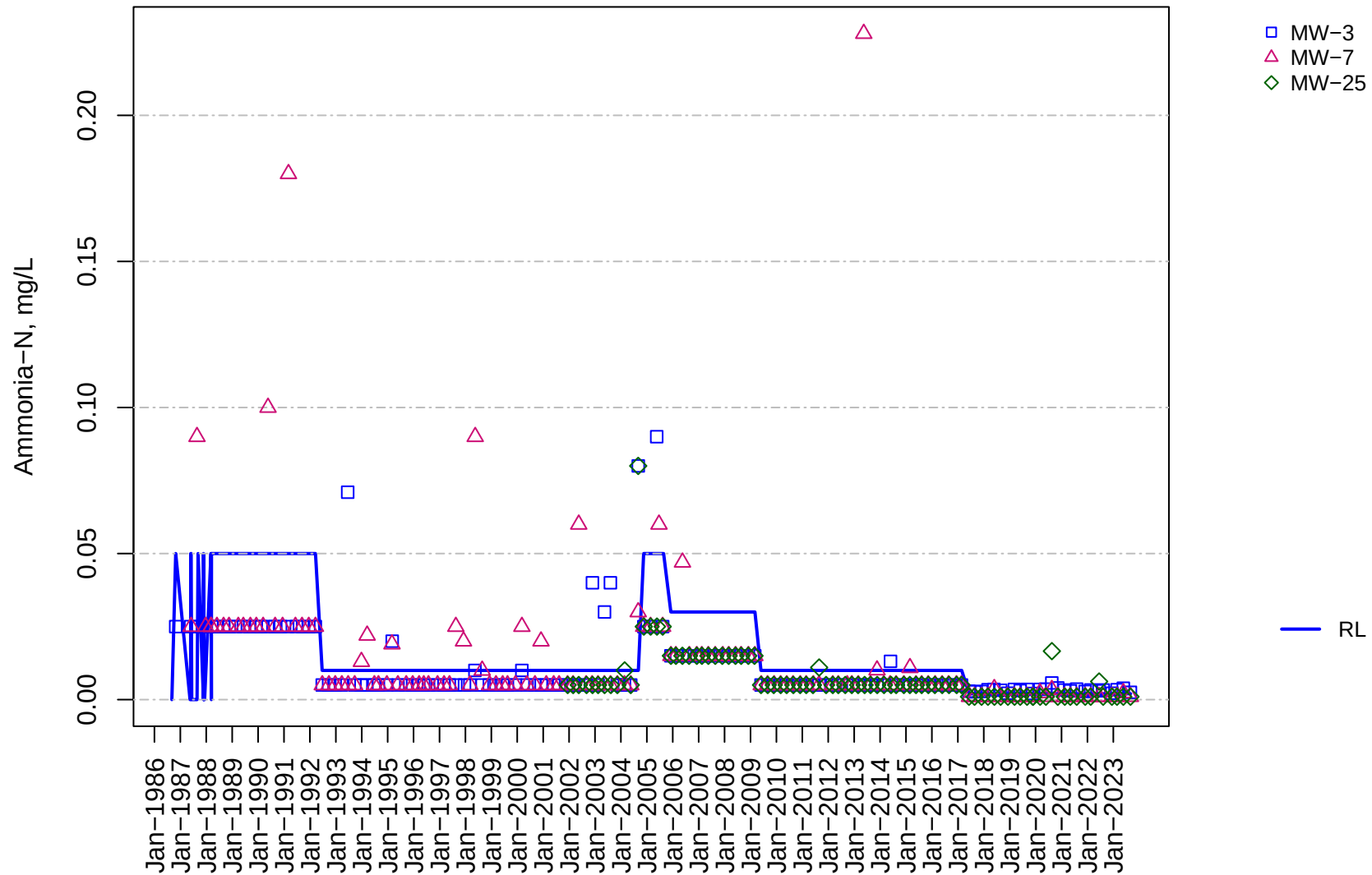


Figure D-5A
Deep Aquifer
Chloride

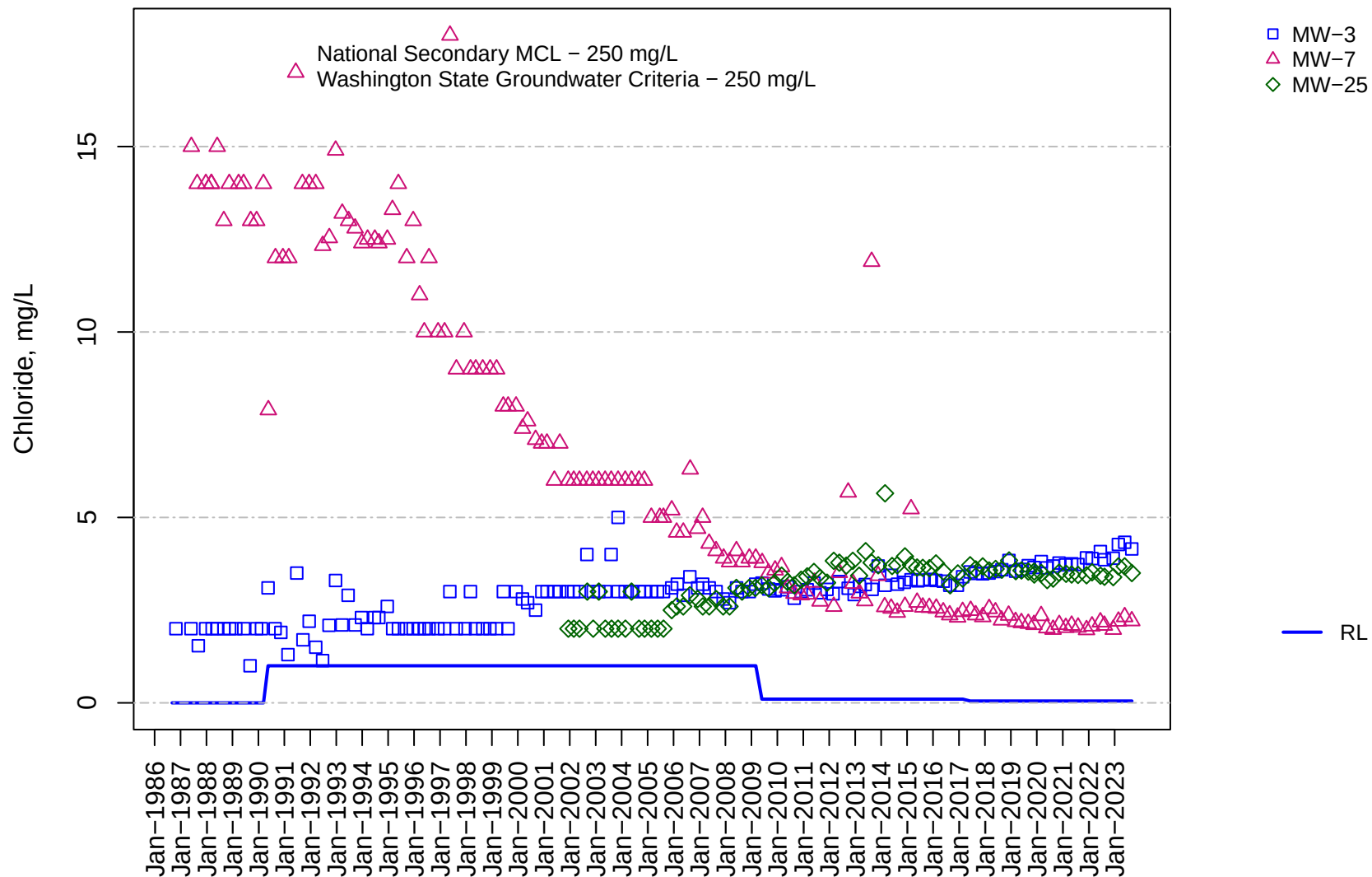


Figure D-6A
Deep Aquifer
Nitrate

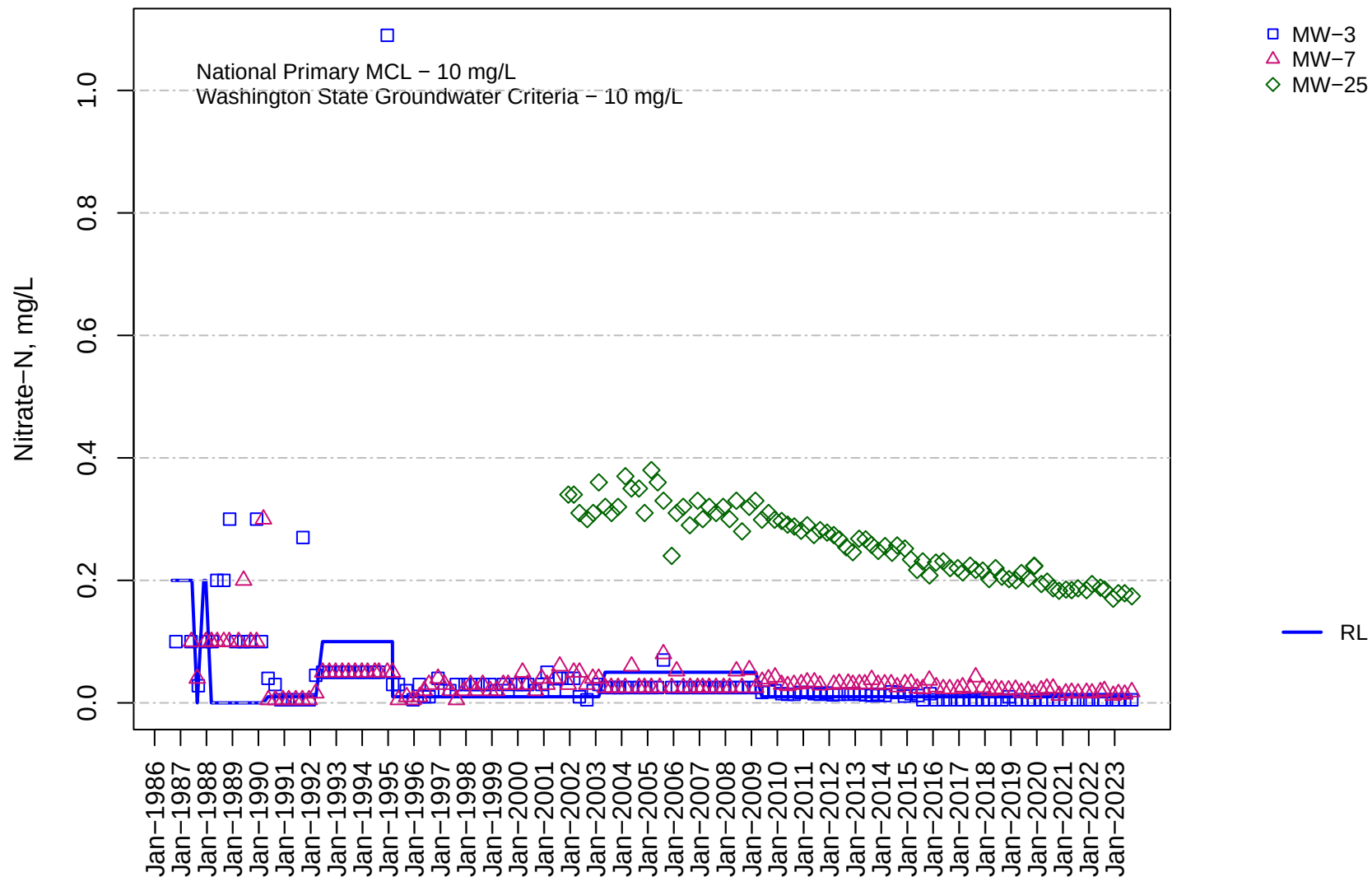


Figure D-7A
Deep Aquifer
Sulfate

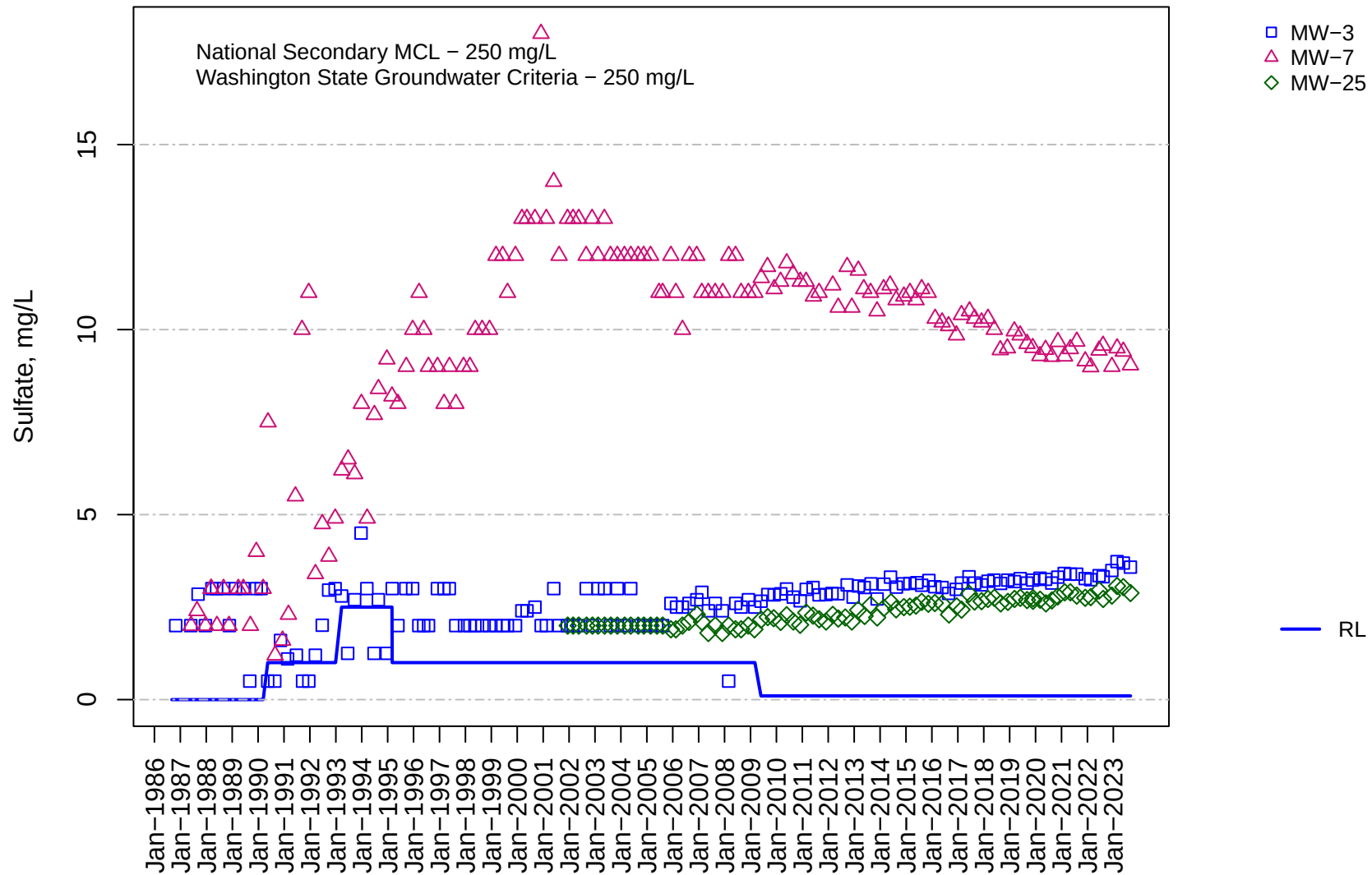


Figure D-8A
Deep Aquifer
Total Dissolved Solids

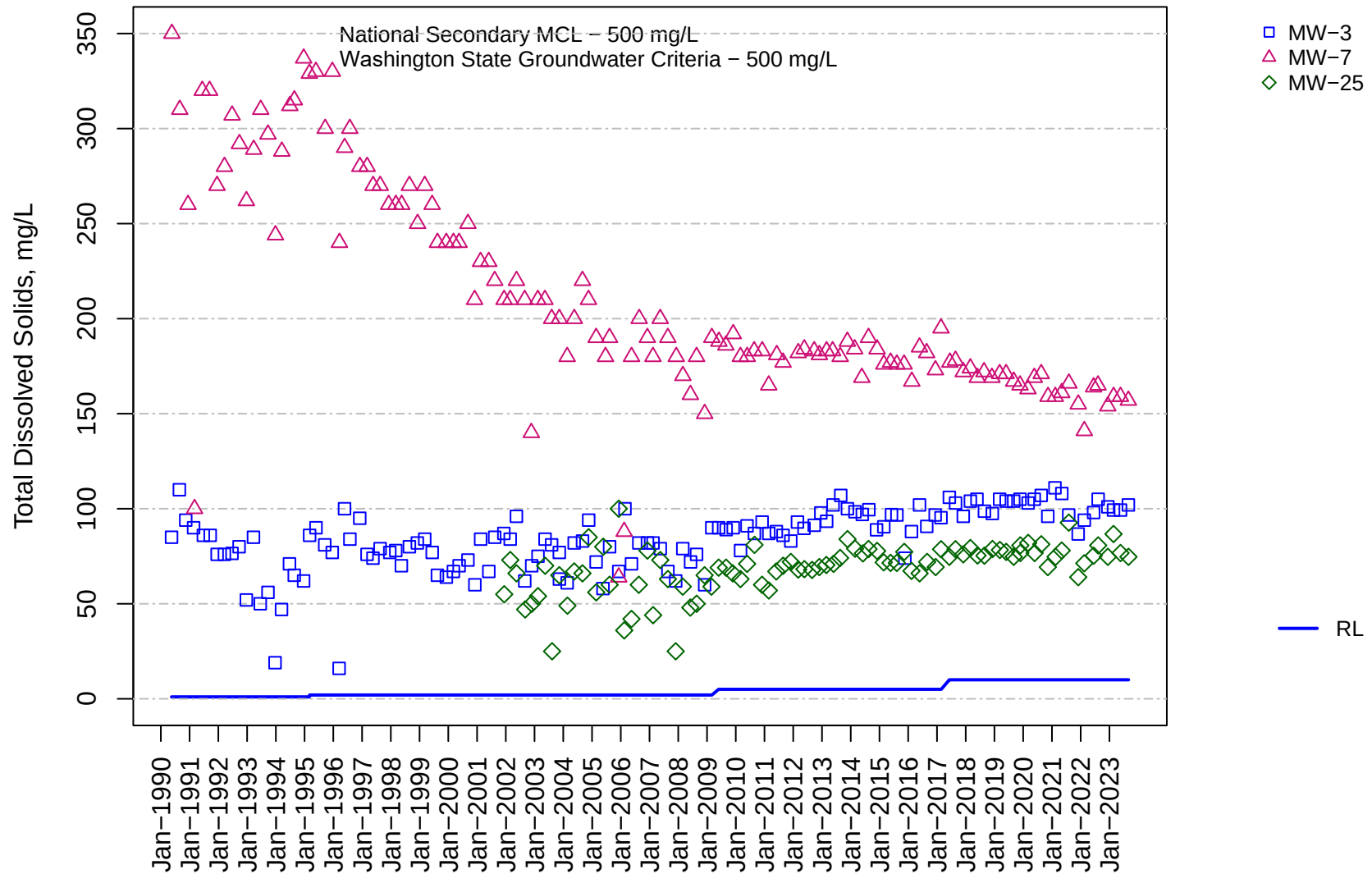


Figure D-9A
Deep Aquifer
Arsenic

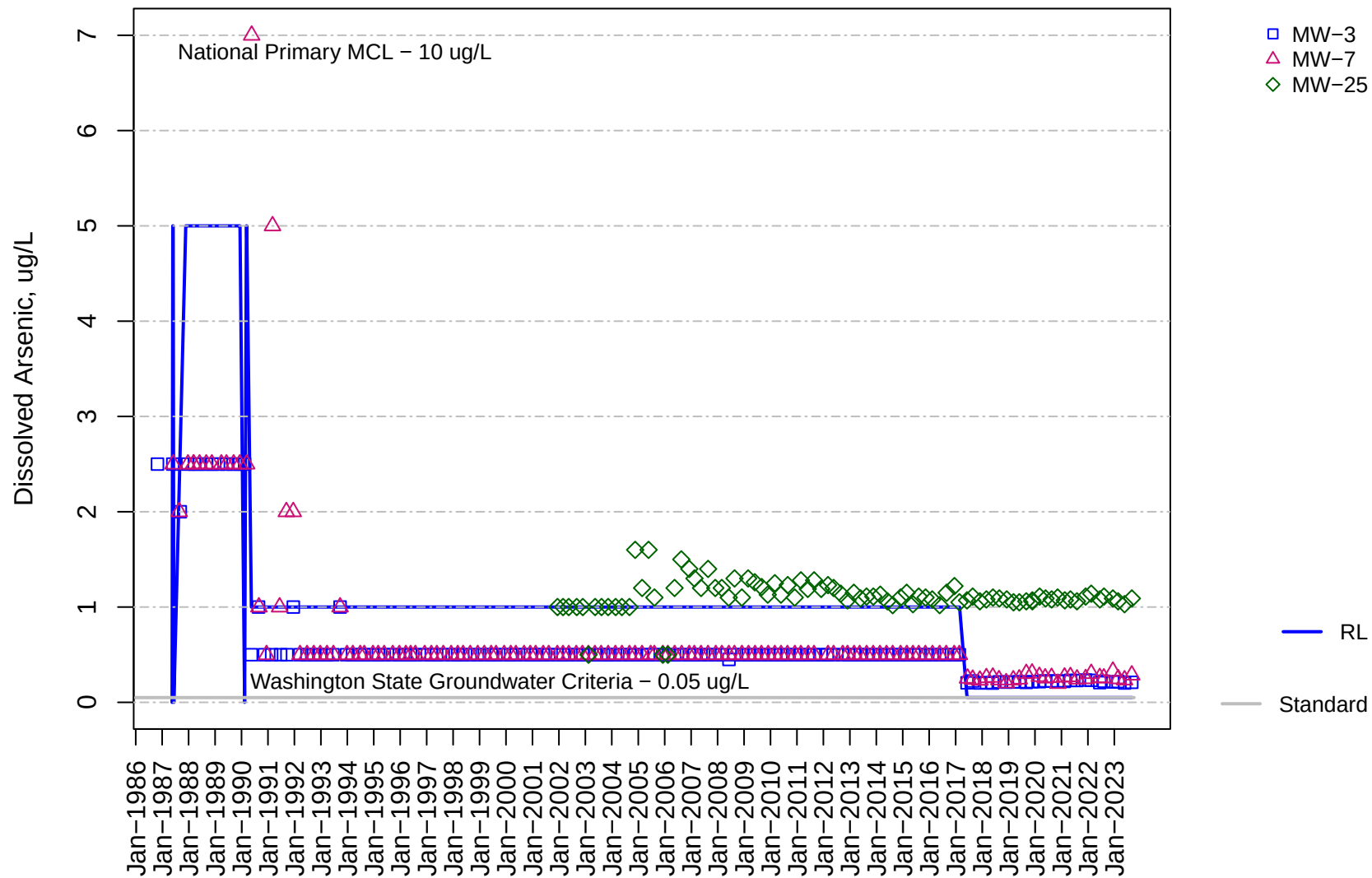


Figure D-10A
Deep Aquifer
Calcium

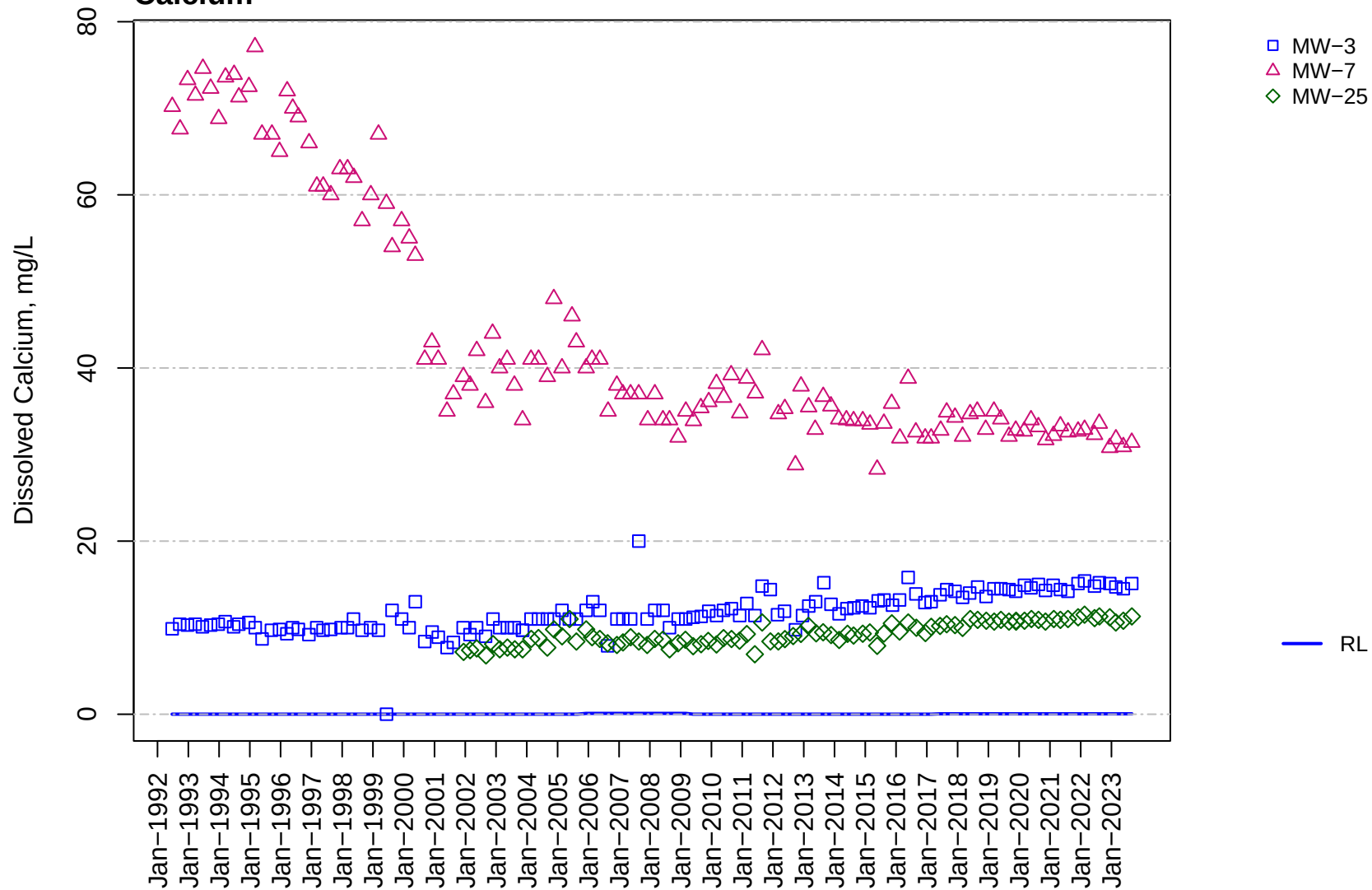


Figure D-11A
Deep Aquifer
Iron

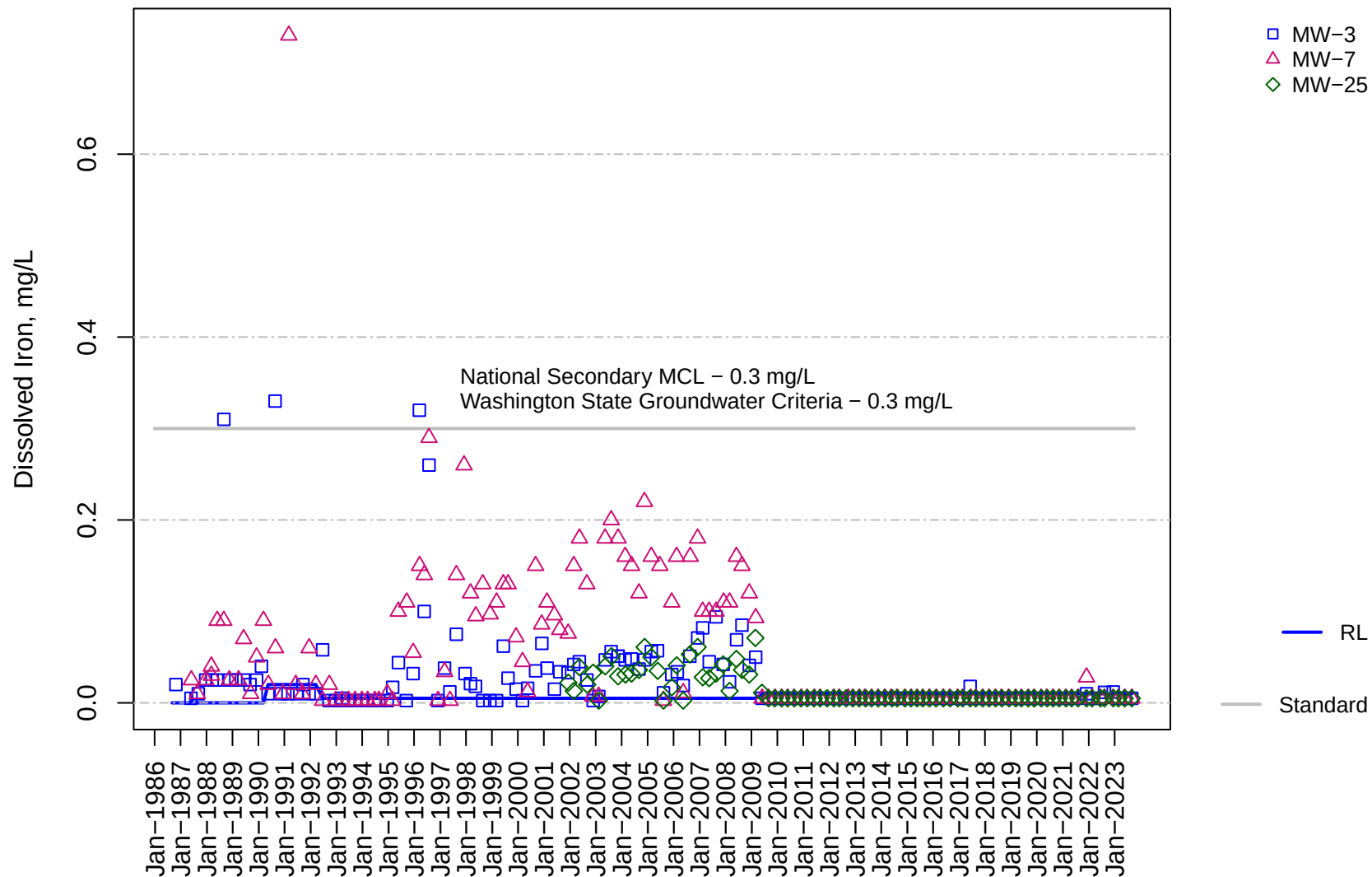


Figure D-12A
Deep Aquifer
Magnesium

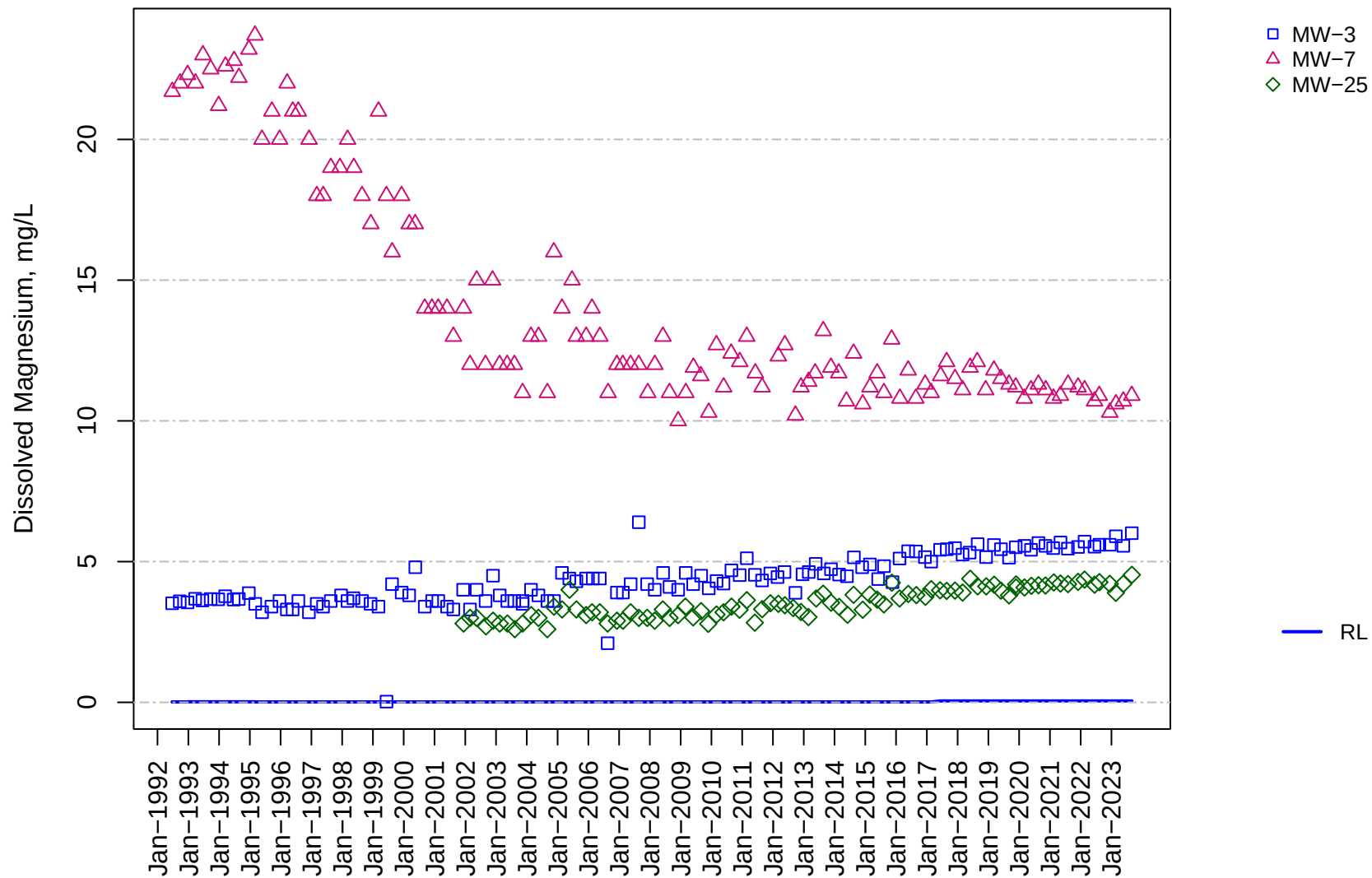


Figure D-13A
Deep Aquifer
Manganese

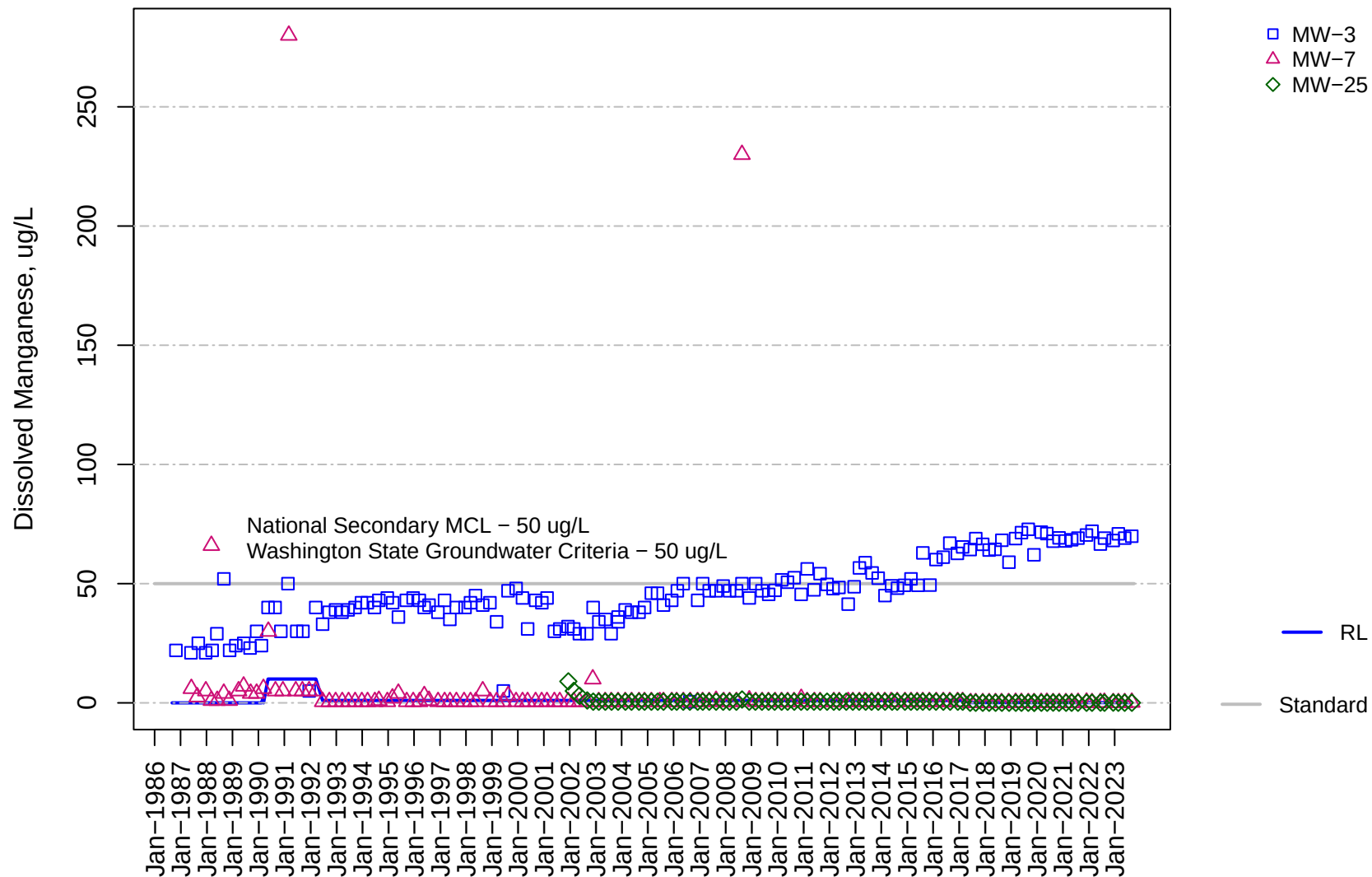


Figure D-14A
Deep Aquifer
Potassium

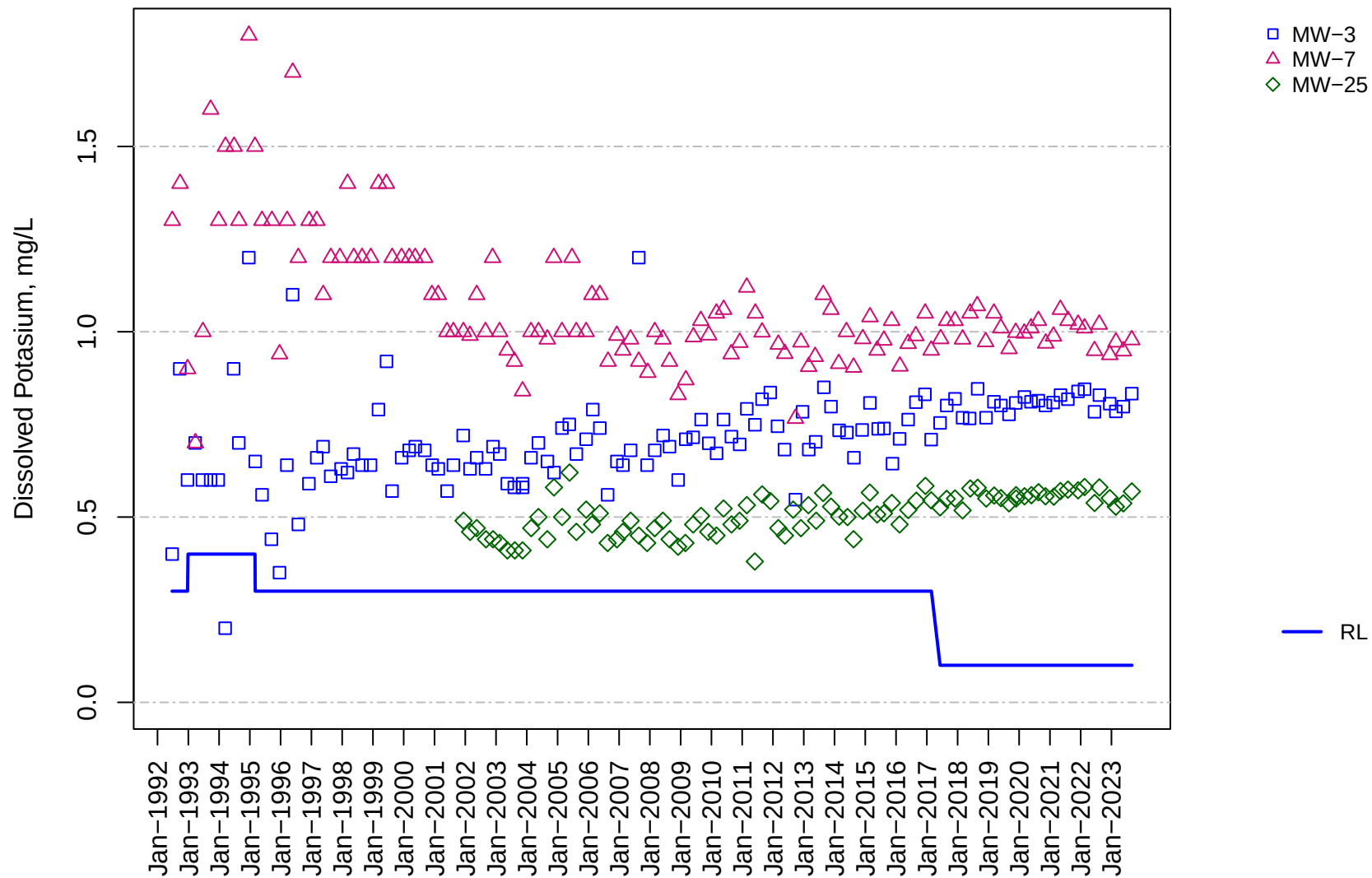


Figure D-15A
Deep Aquifer
Sodium

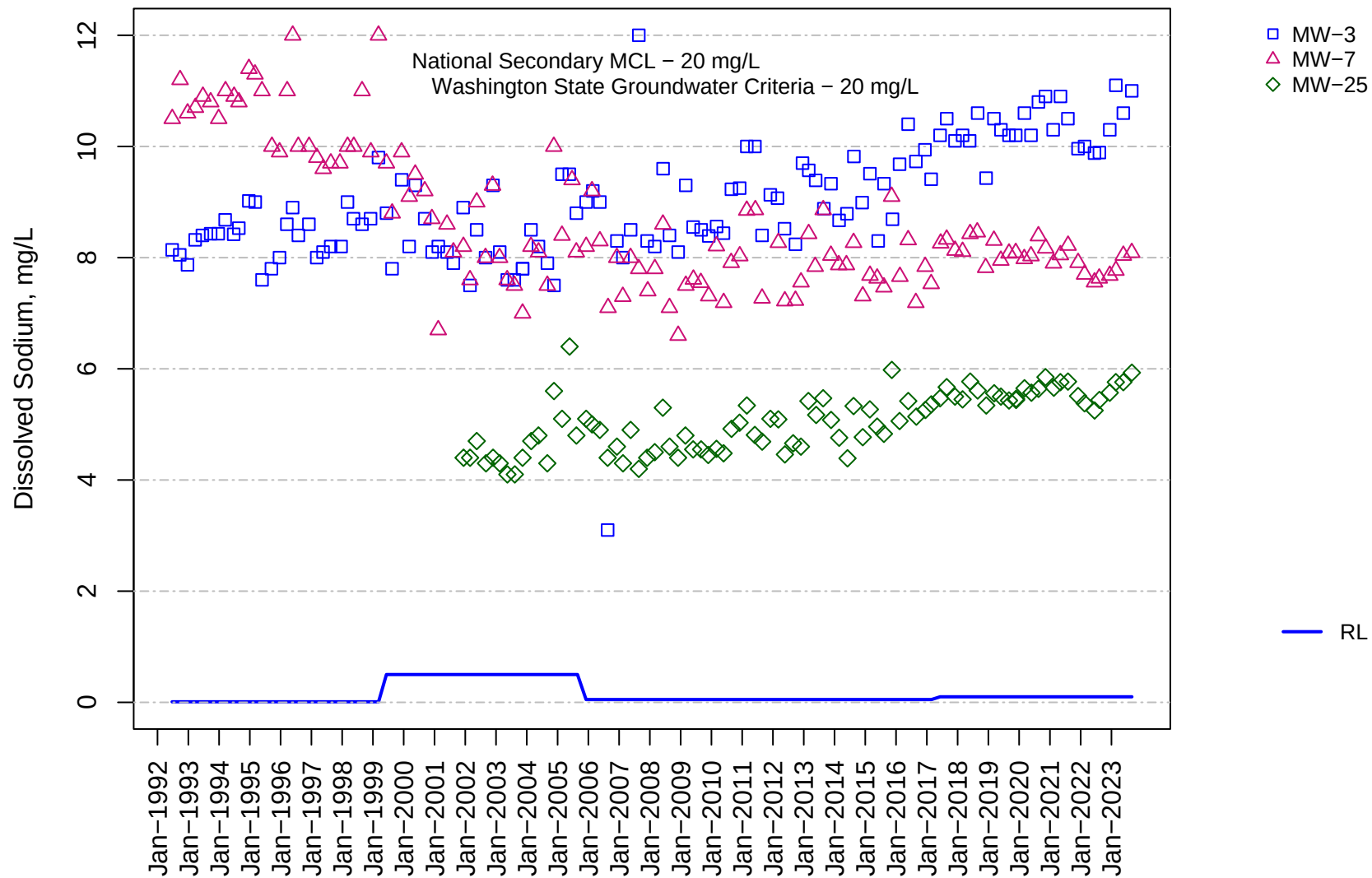


Figure D-16A
Deep Aquifer
1,1-Dichloroethane

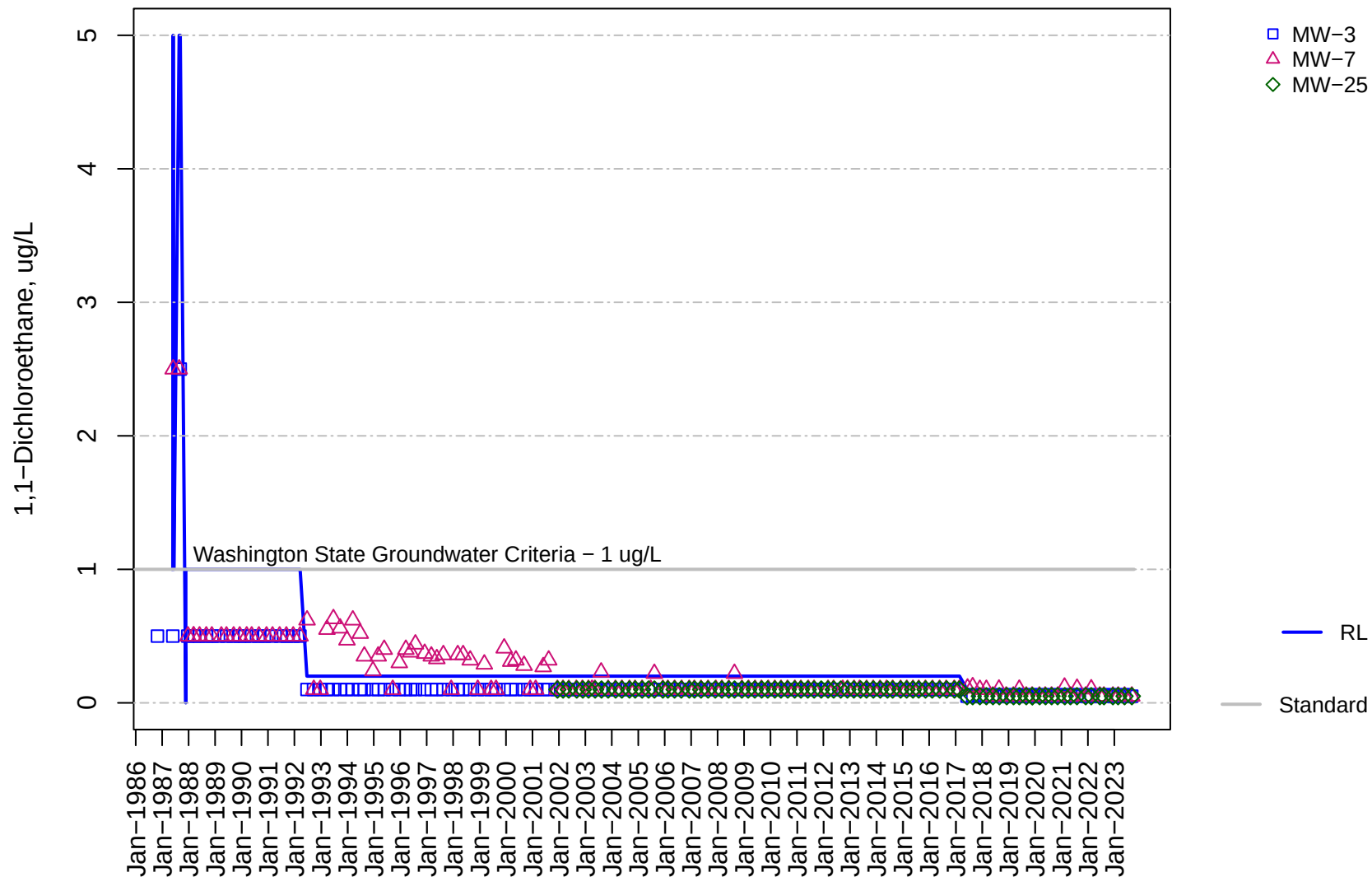


Figure D-17A
Deep Aquifer
Cis-1,2-Dichloroethene

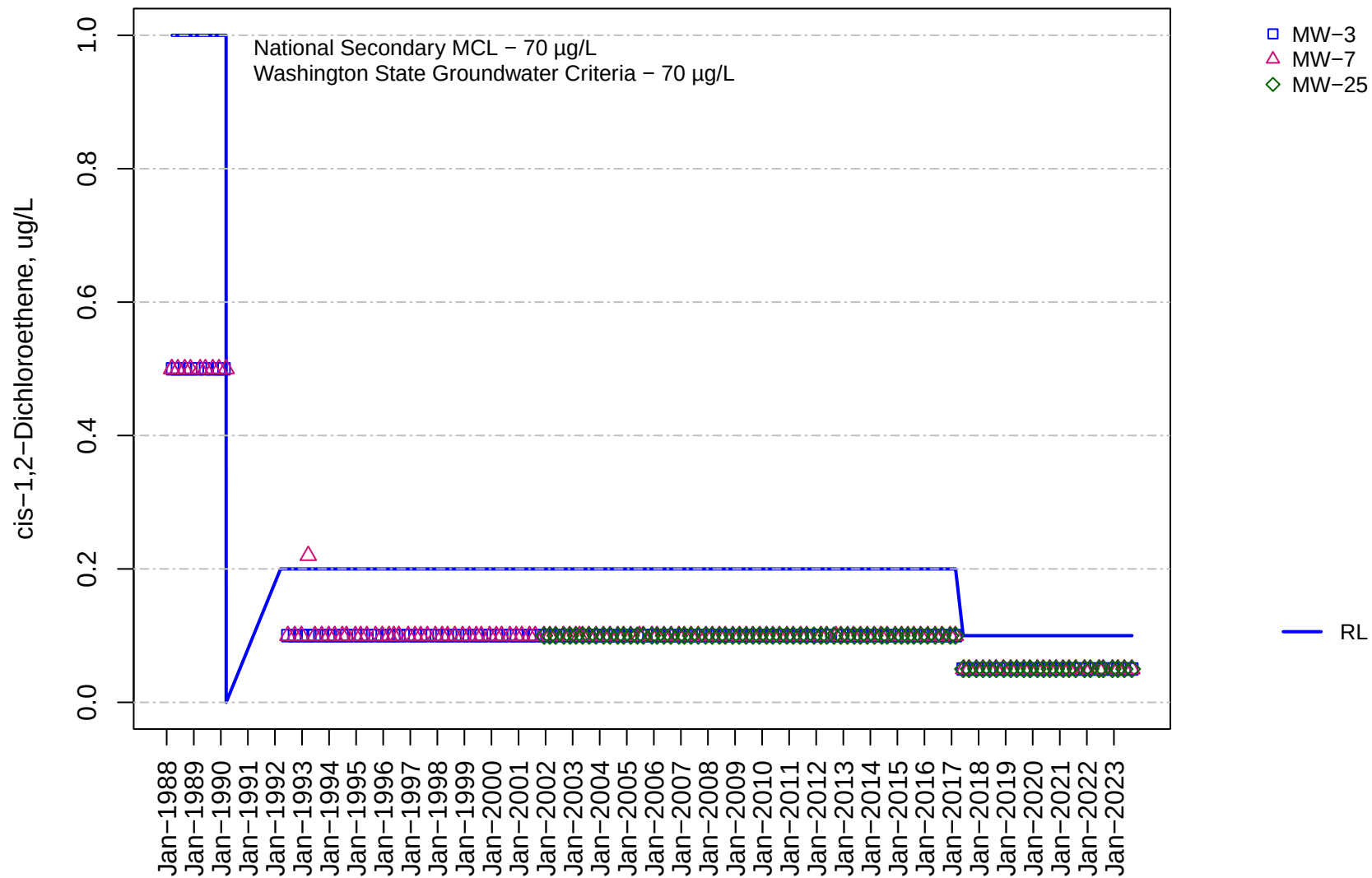


Figure D-18A
Deep Aquifer
Dichlorodifluoromethane

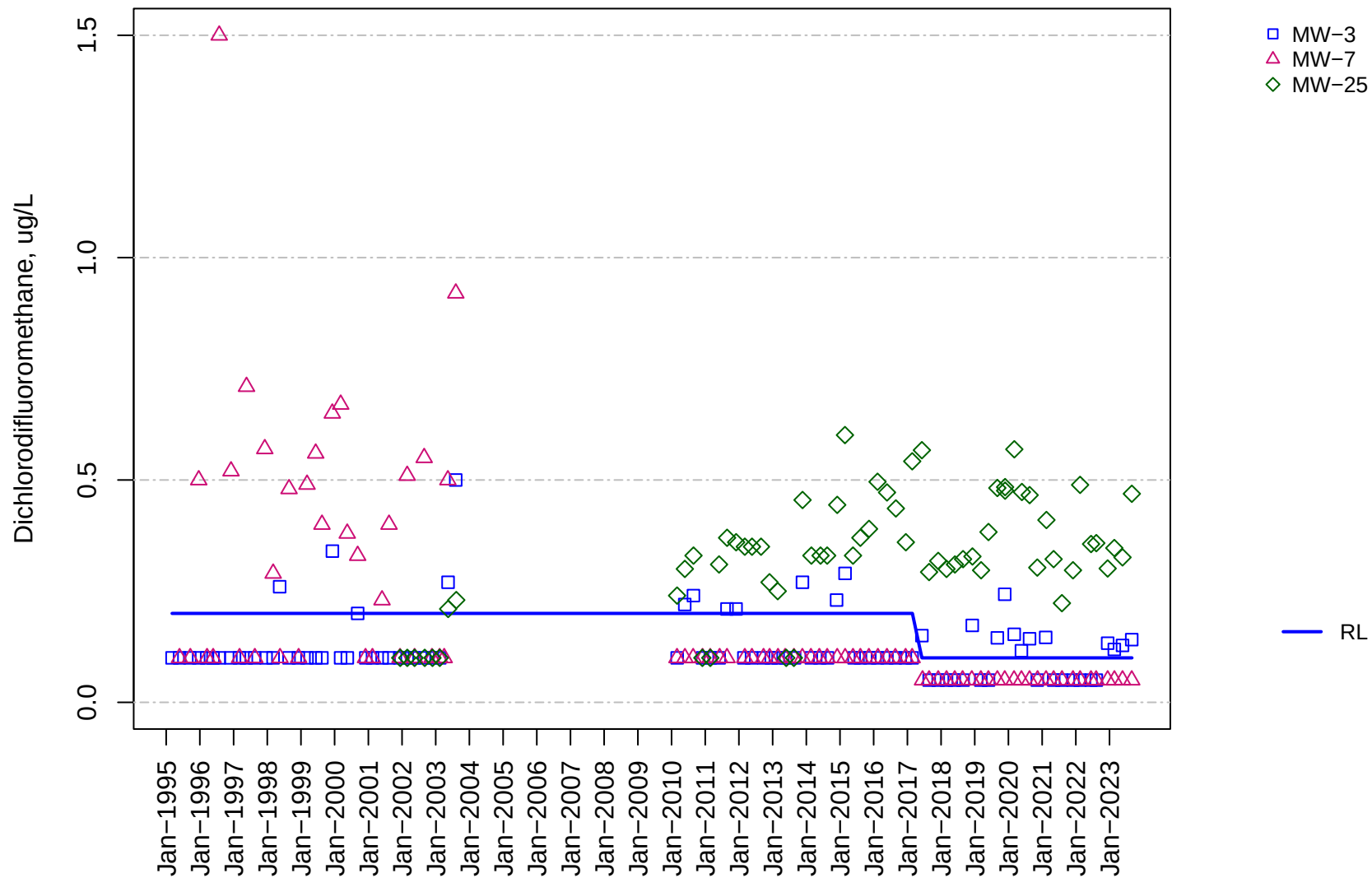


Figure D-19A
Deep Aquifer
1,1,1-Trichloroethane

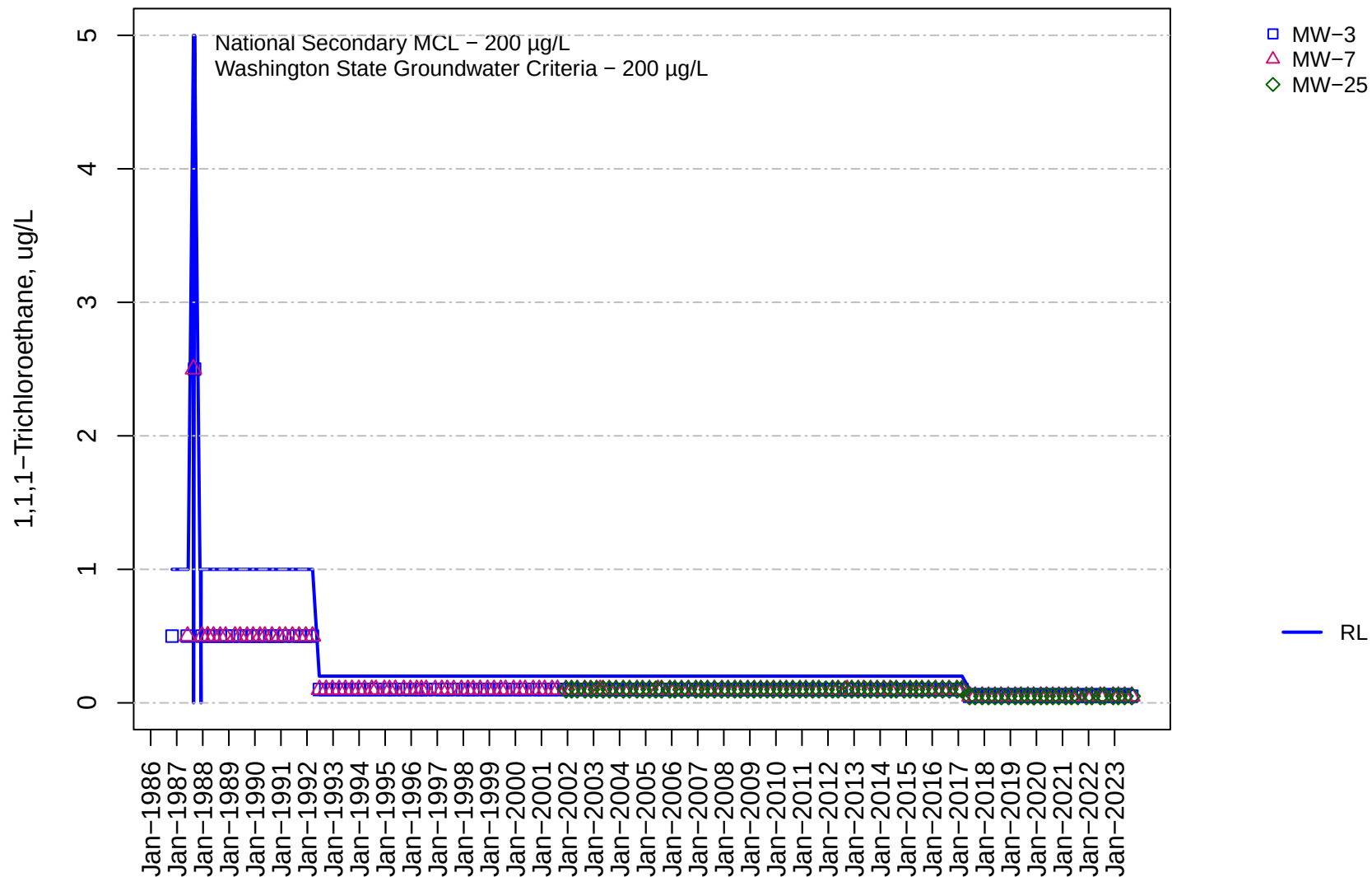


Figure D-20A
Deep Aquifer
Vinyl Chloride

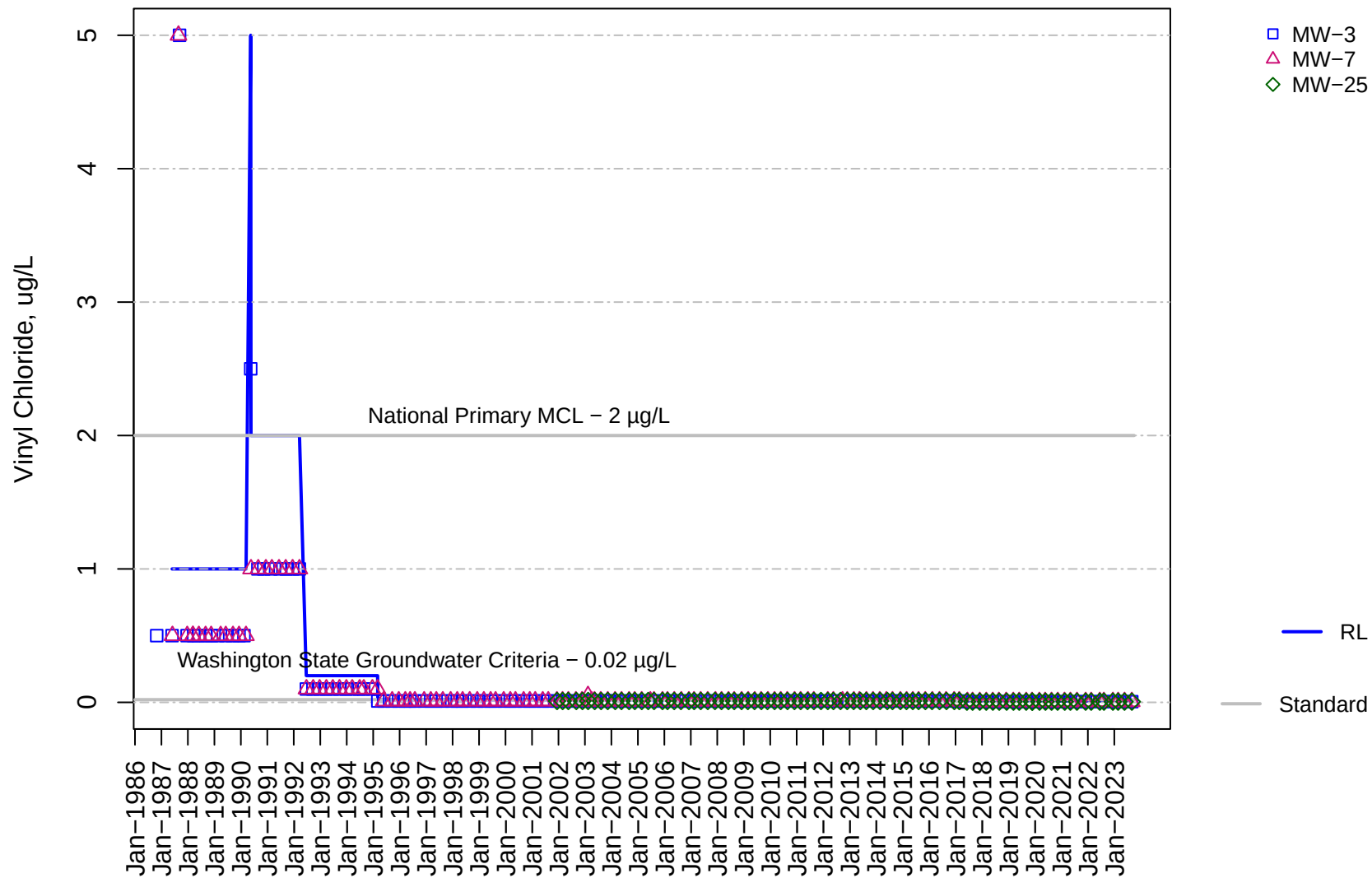


Figure D-1B
Deep Aquifer
Field pH

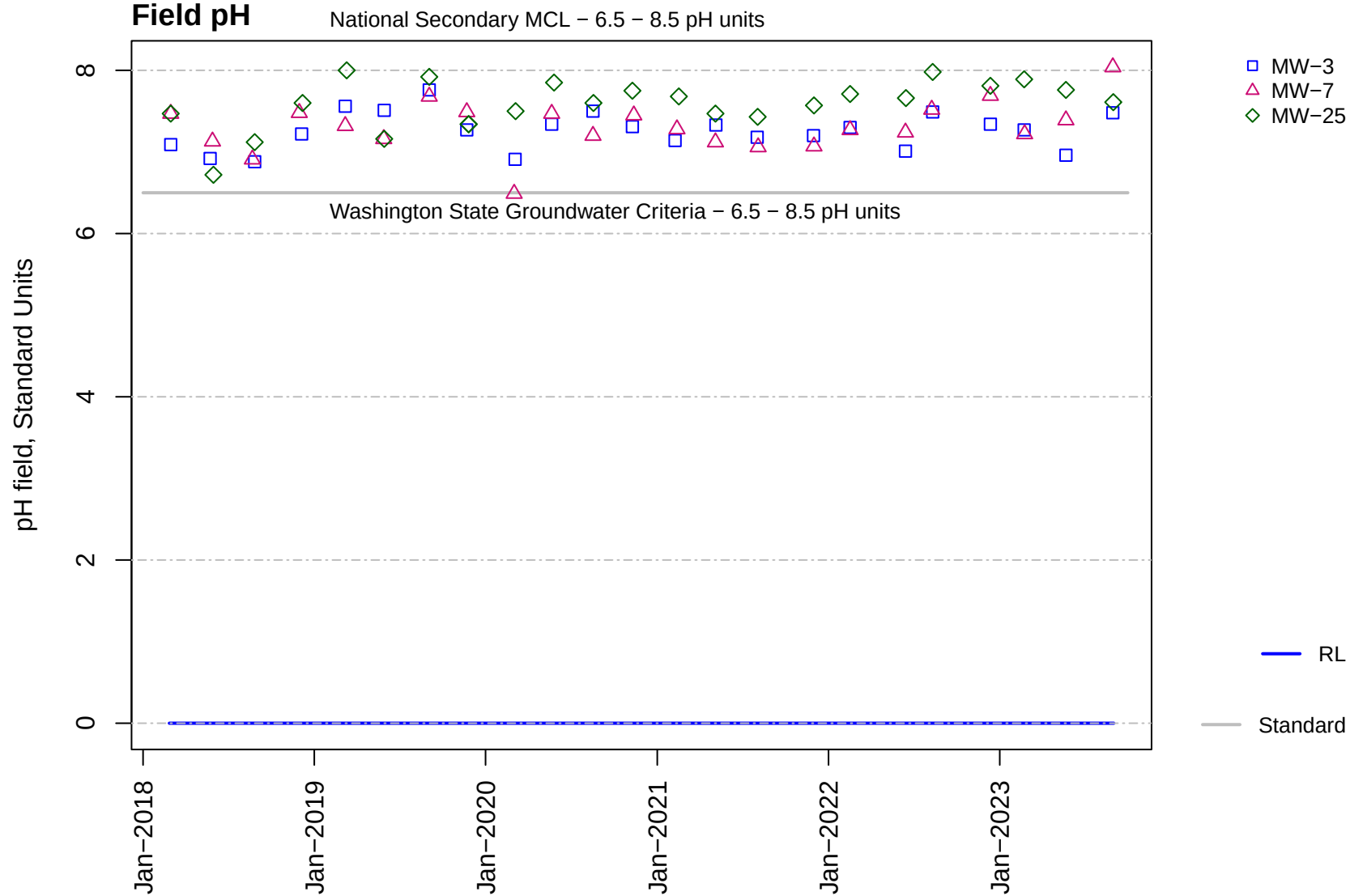


Figure D-2B
Deep Aquifer
Field Specific Conductance

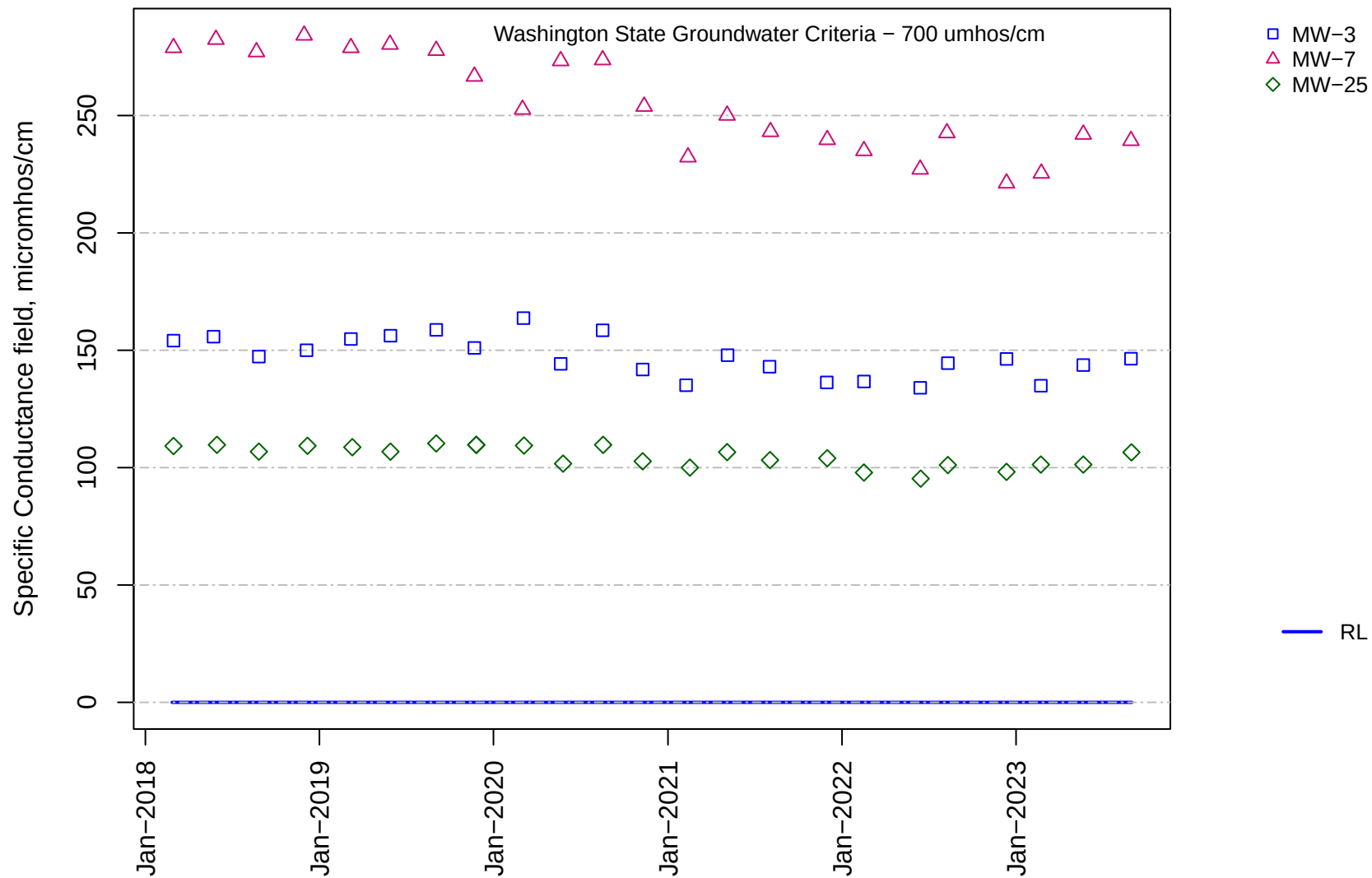


Figure D-3B
Deep Aquifer
Alkalinity

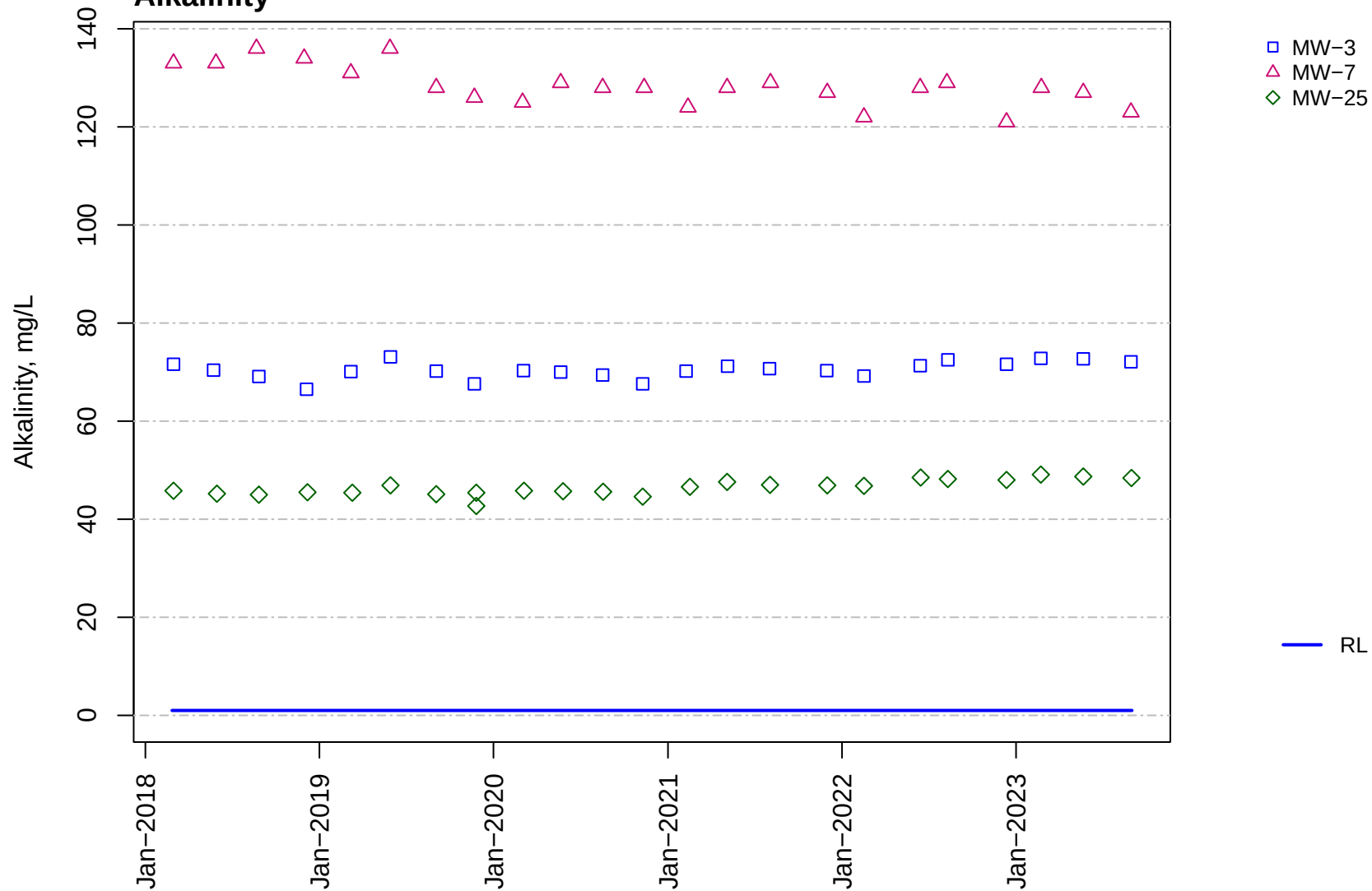


Figure D-4B
Deep Aquifer
Ammonia

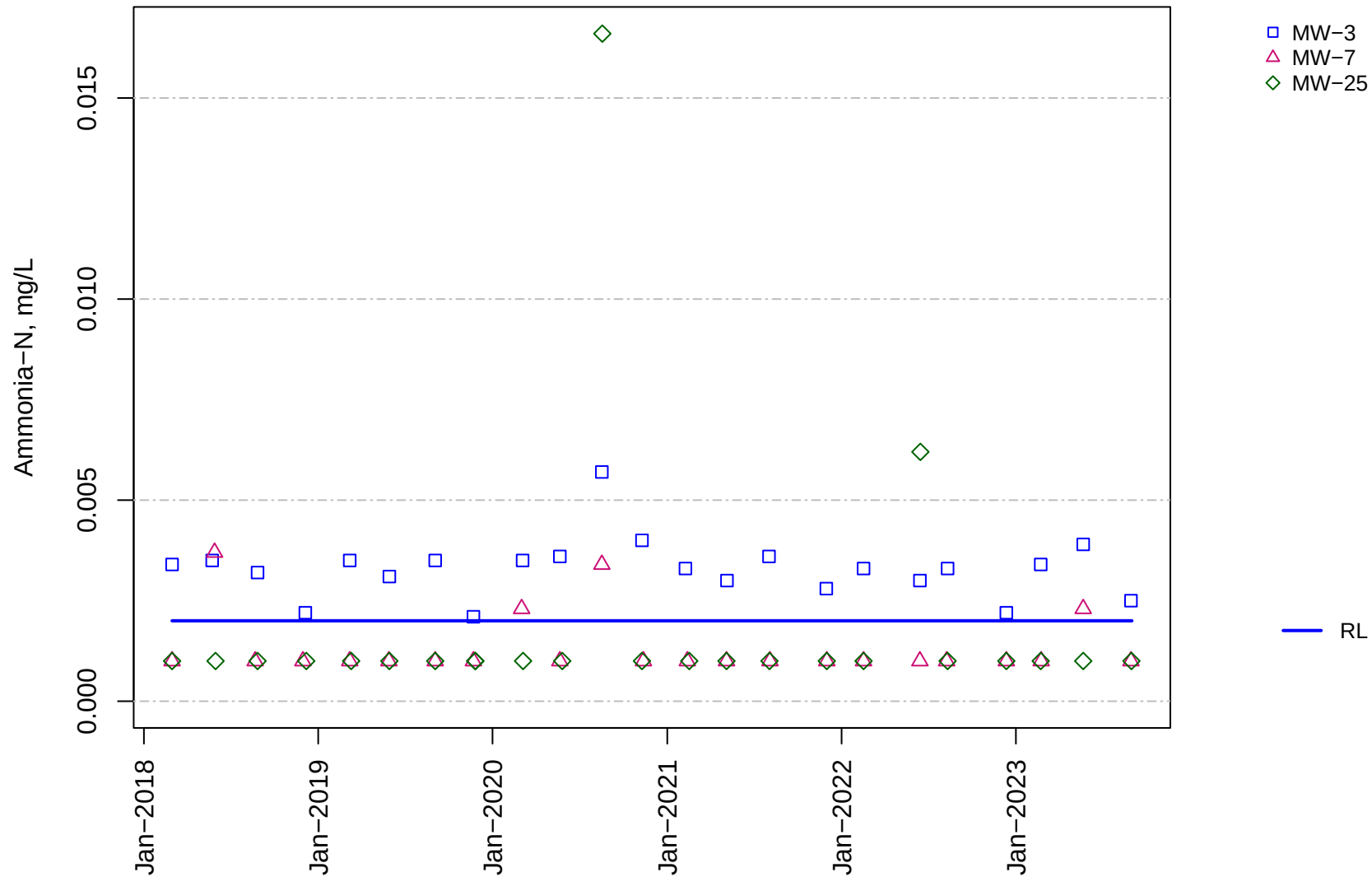


Figure D-5B
Deep Aquifer
Chloride

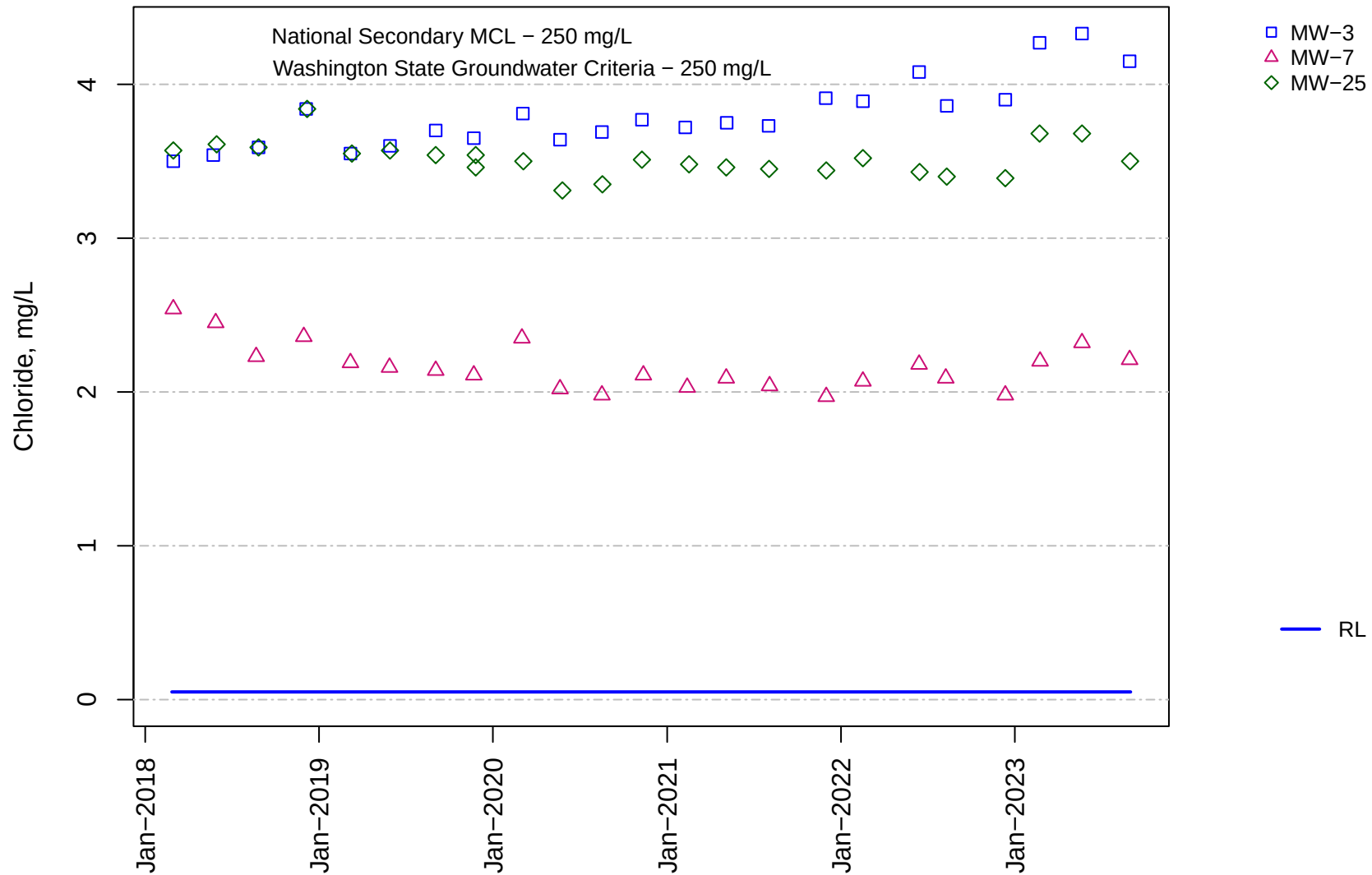


Figure D-6B
Deep Aquifer
Nitrate

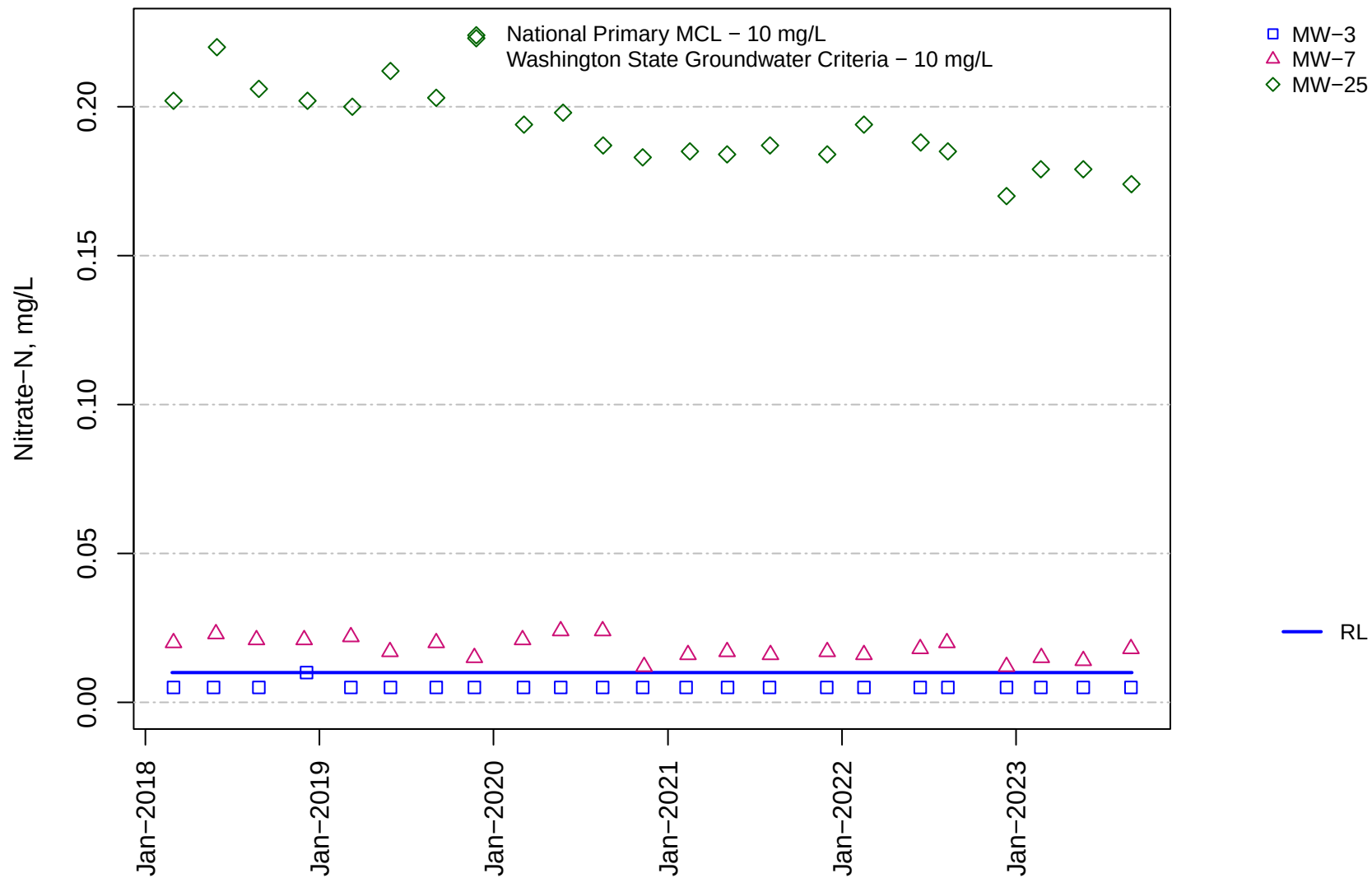


Figure D-7B
Deep Aquifer
Sulfate

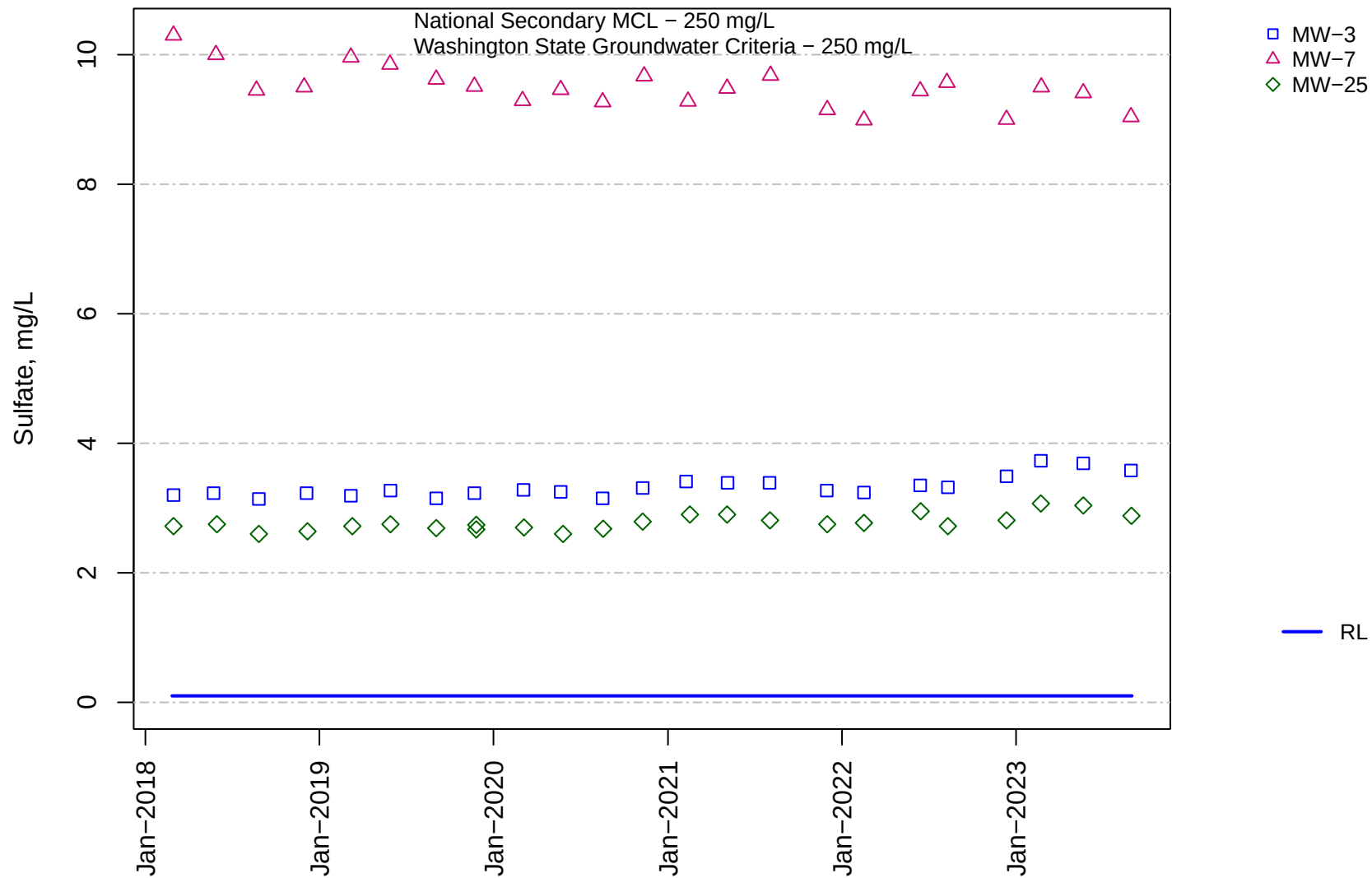


Figure D-8B
Deep Aquifer
Total Dissolved Solids

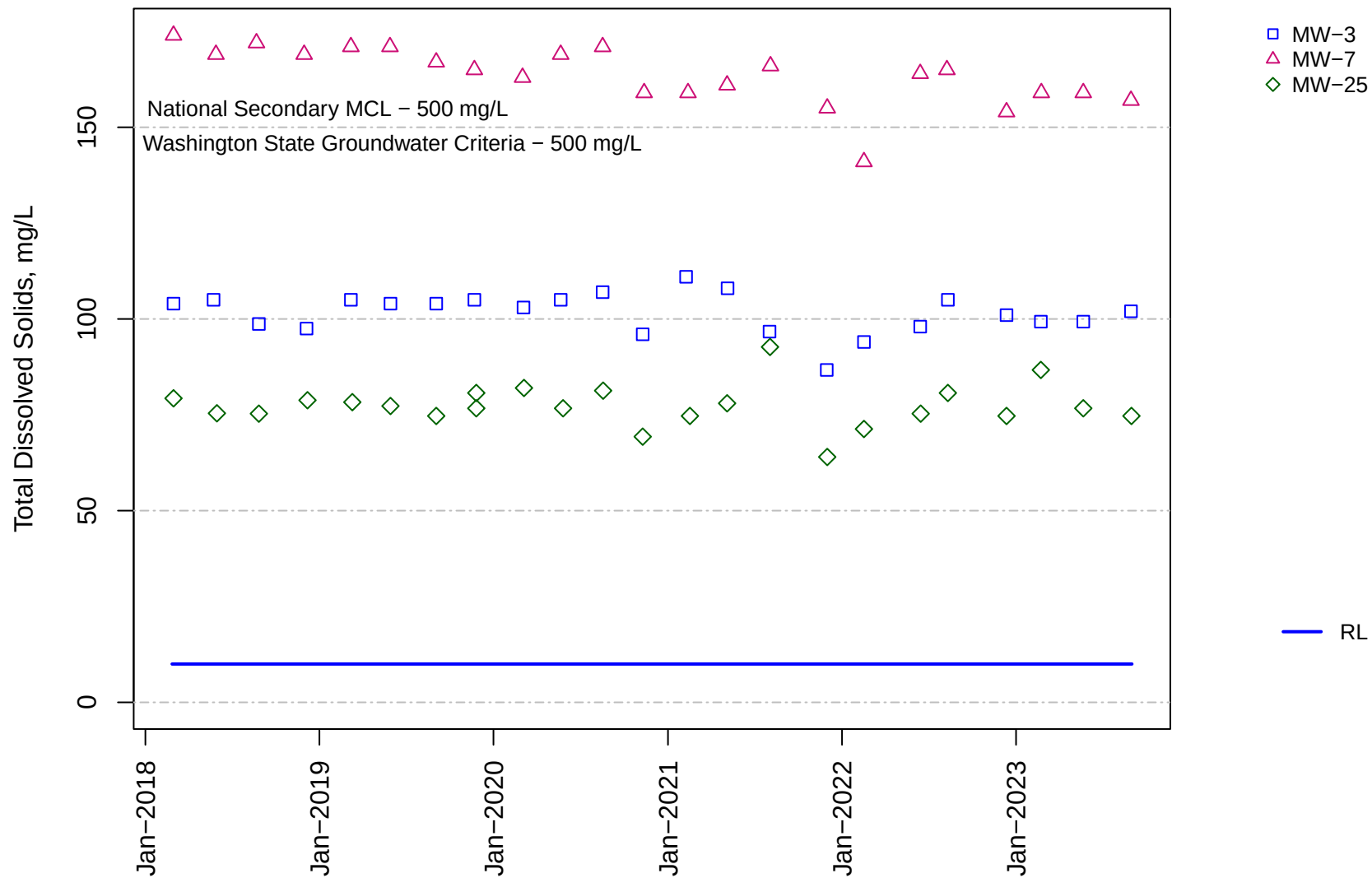


Figure D-9B
Deep Aquifer
Arsenic

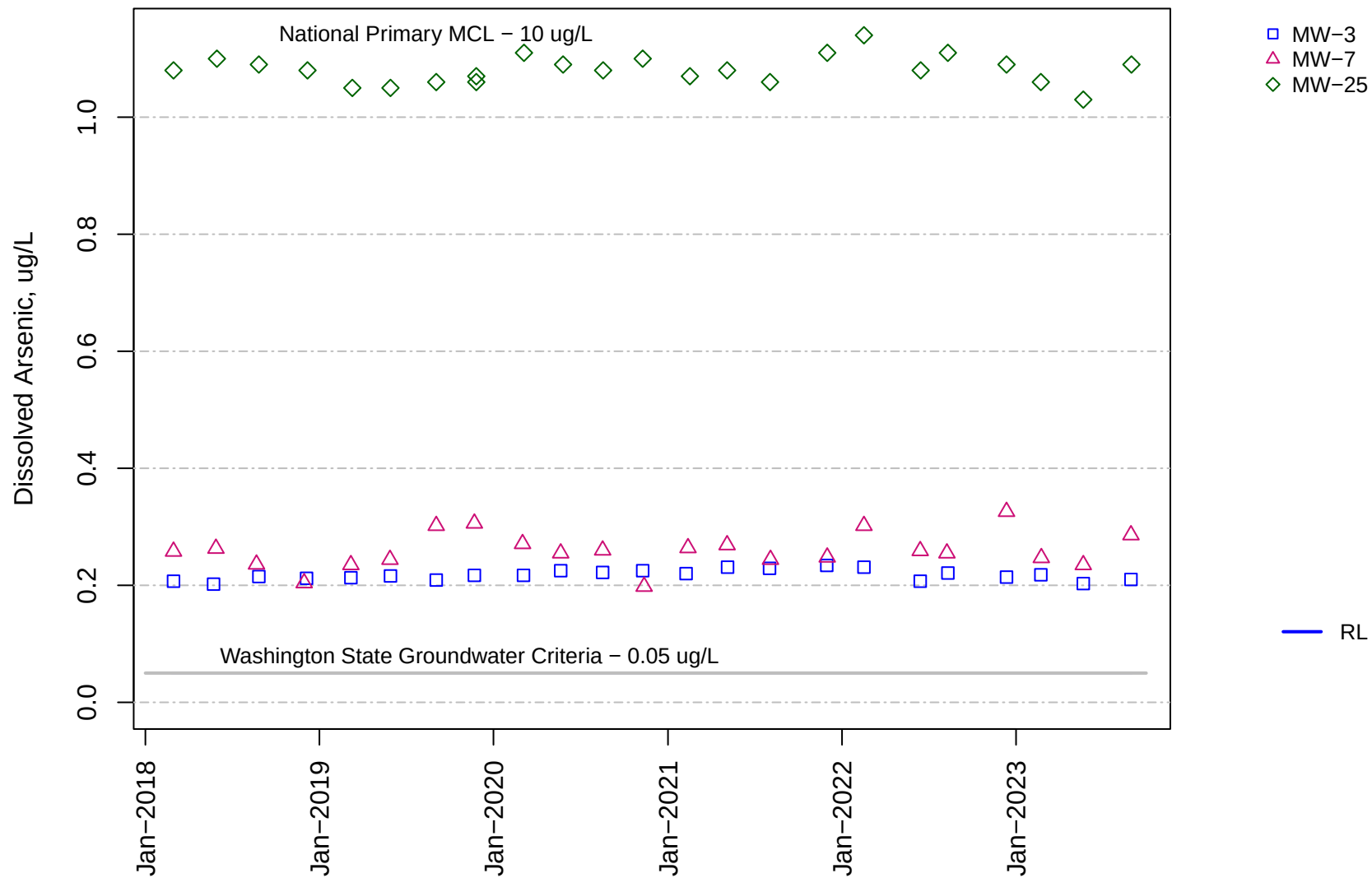


Figure D-10B
Deep Aquifer
Calcium

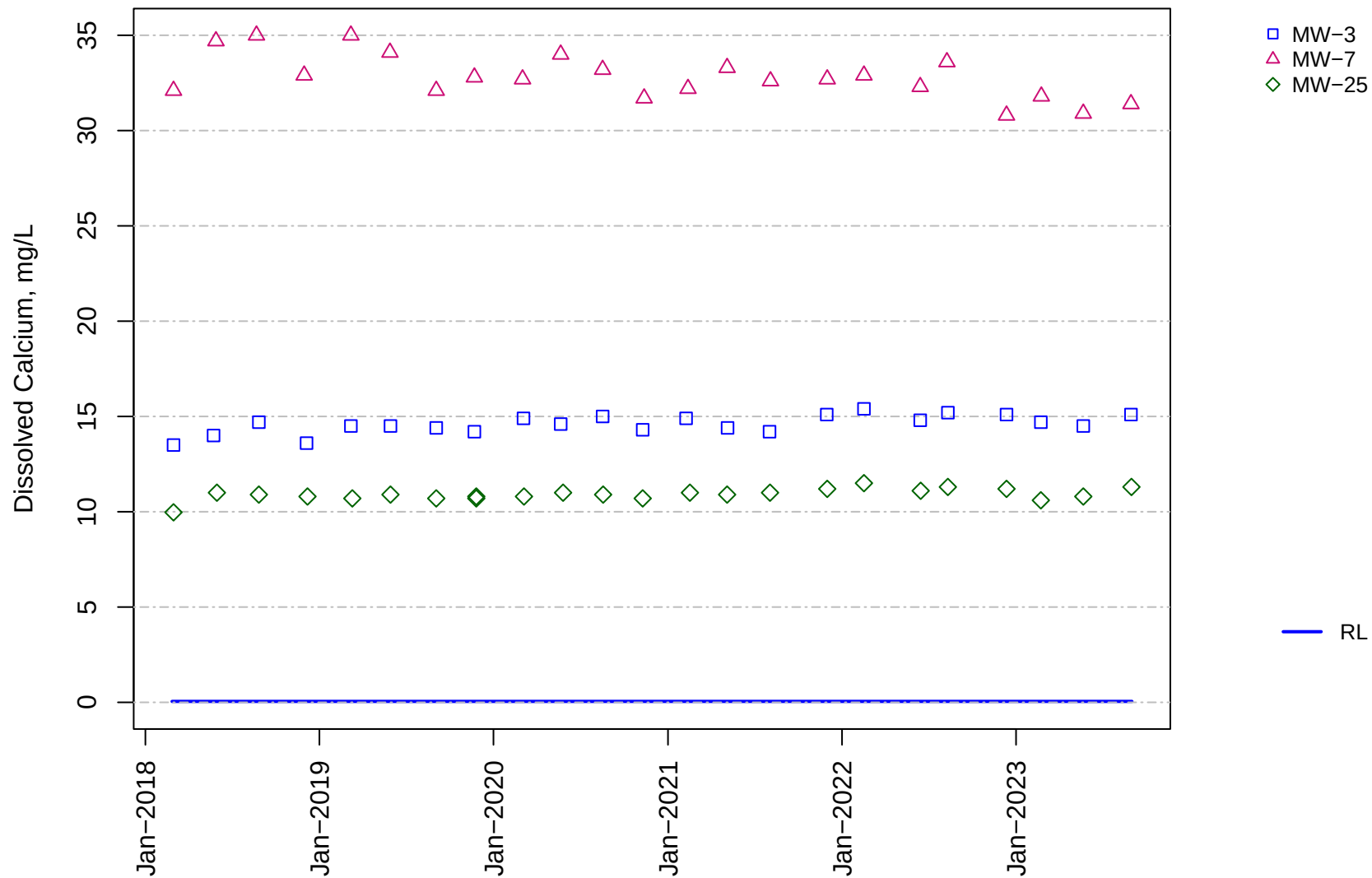


Figure D-11B
Deep Aquifer
Iron

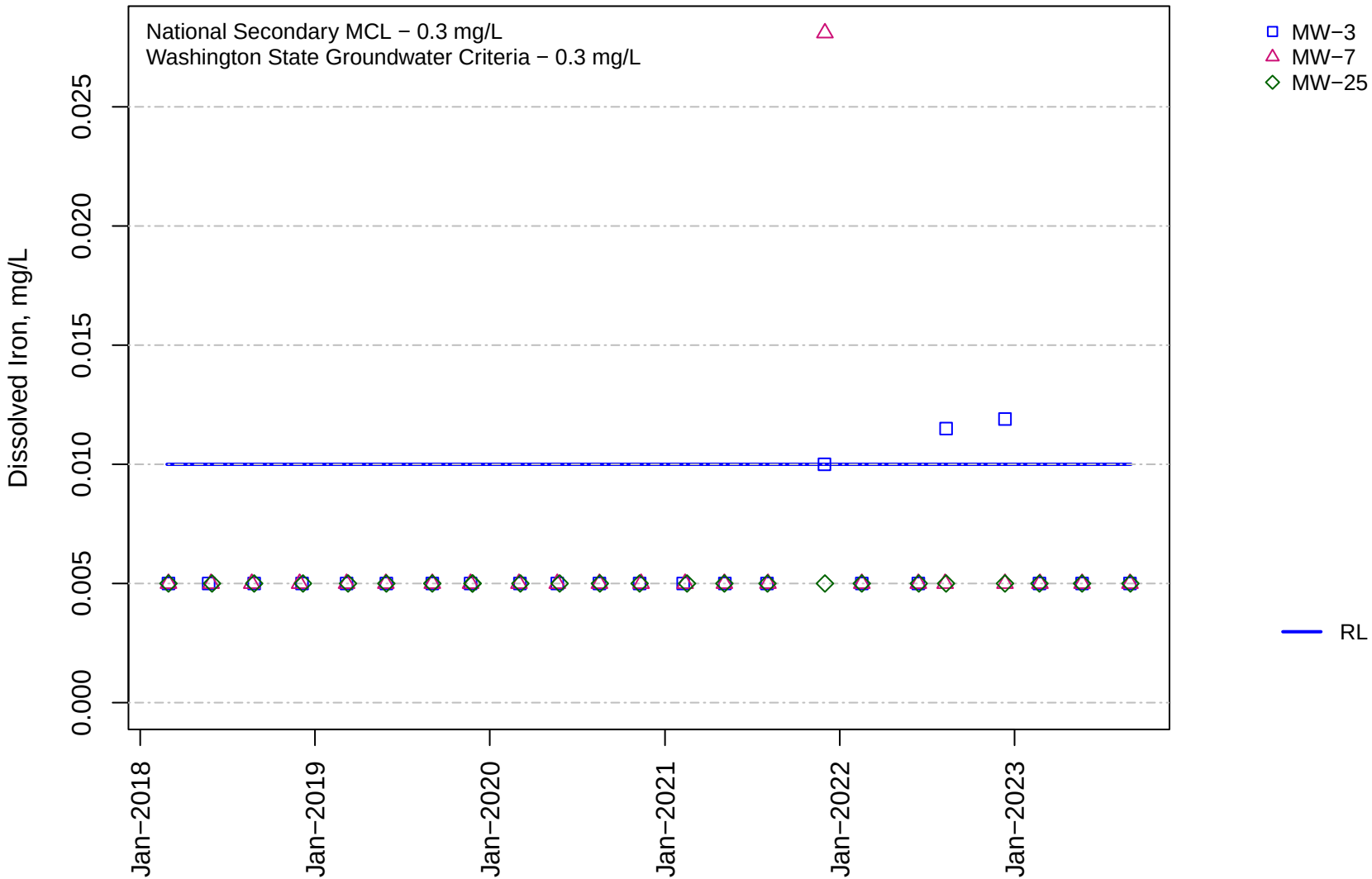


Figure D-12B
Deep Aquifer
Magnesium

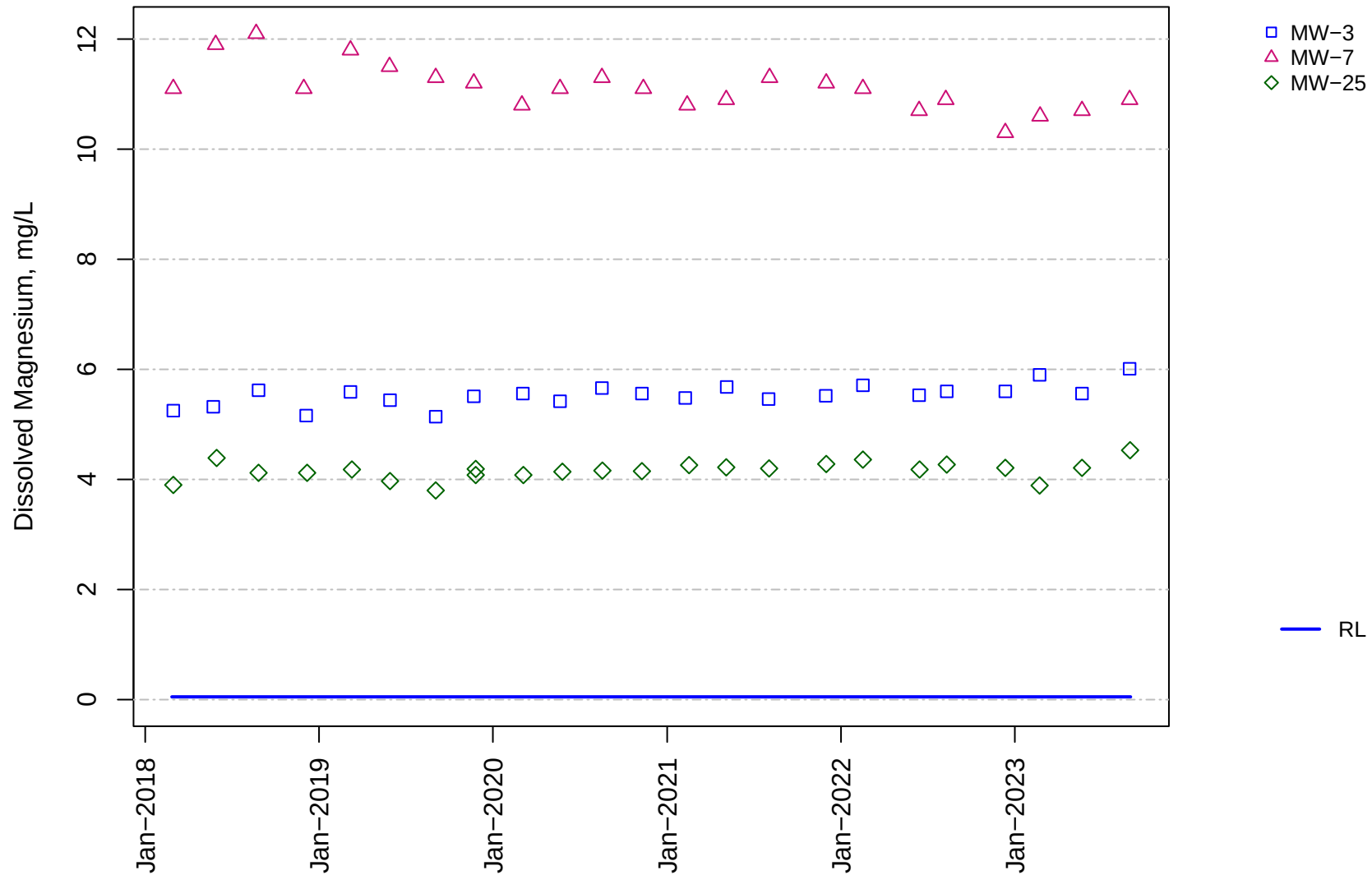


Figure D-13B
Deep Aquifer
Manganese

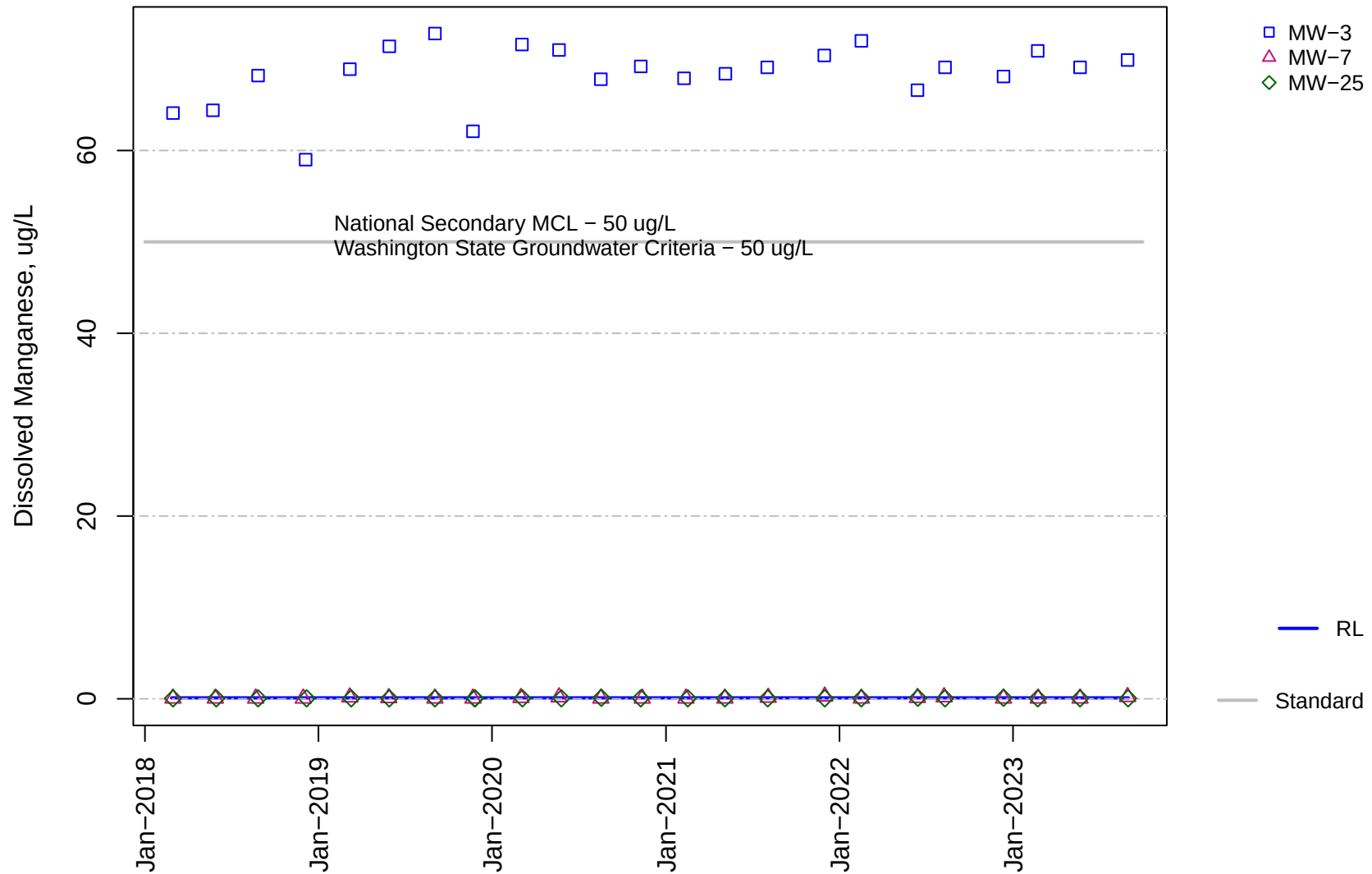


Figure D-14B
Deep Aquifer
Potassium

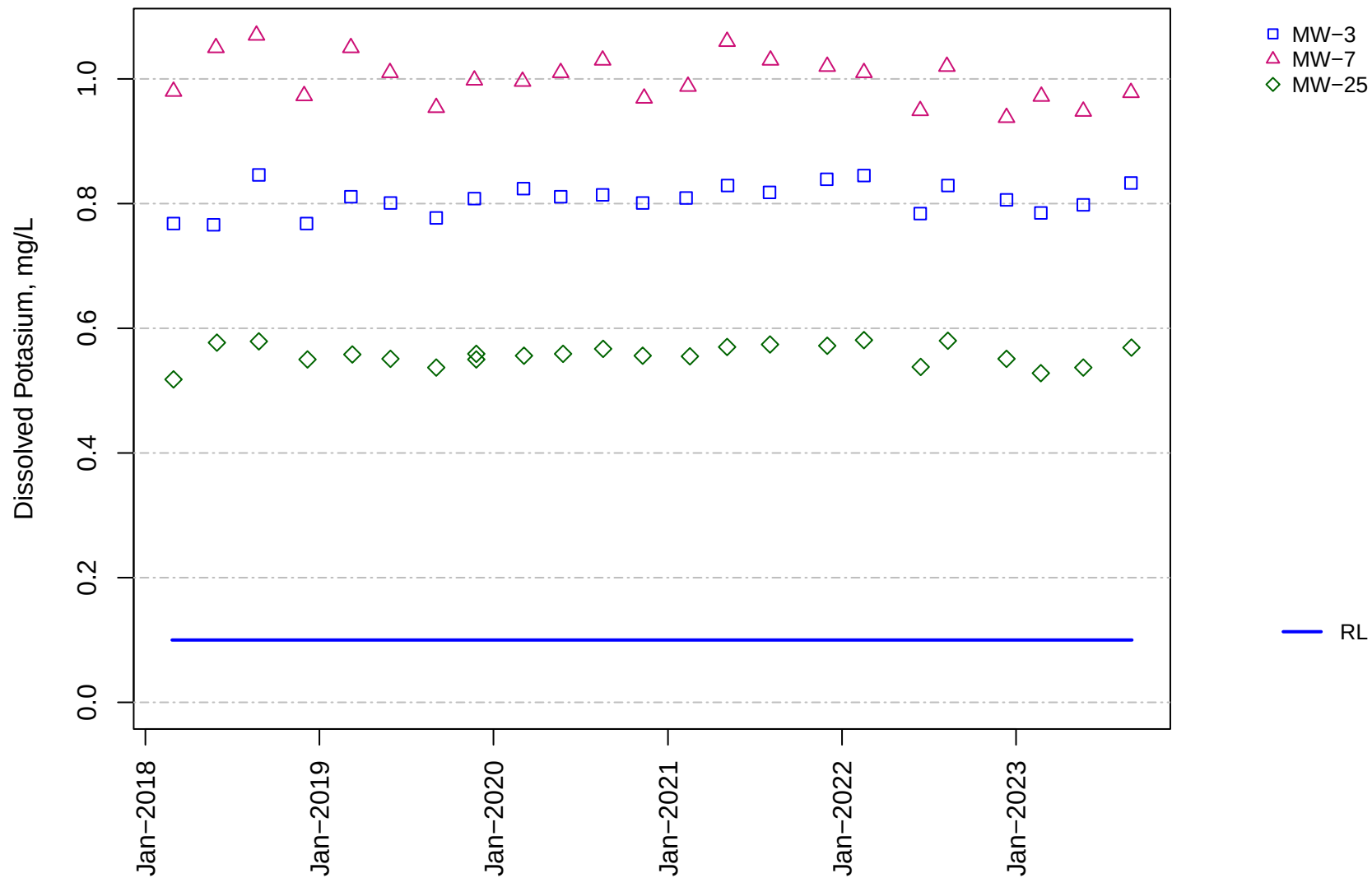


Figure D-15B
Deep Aquifer
Sodium

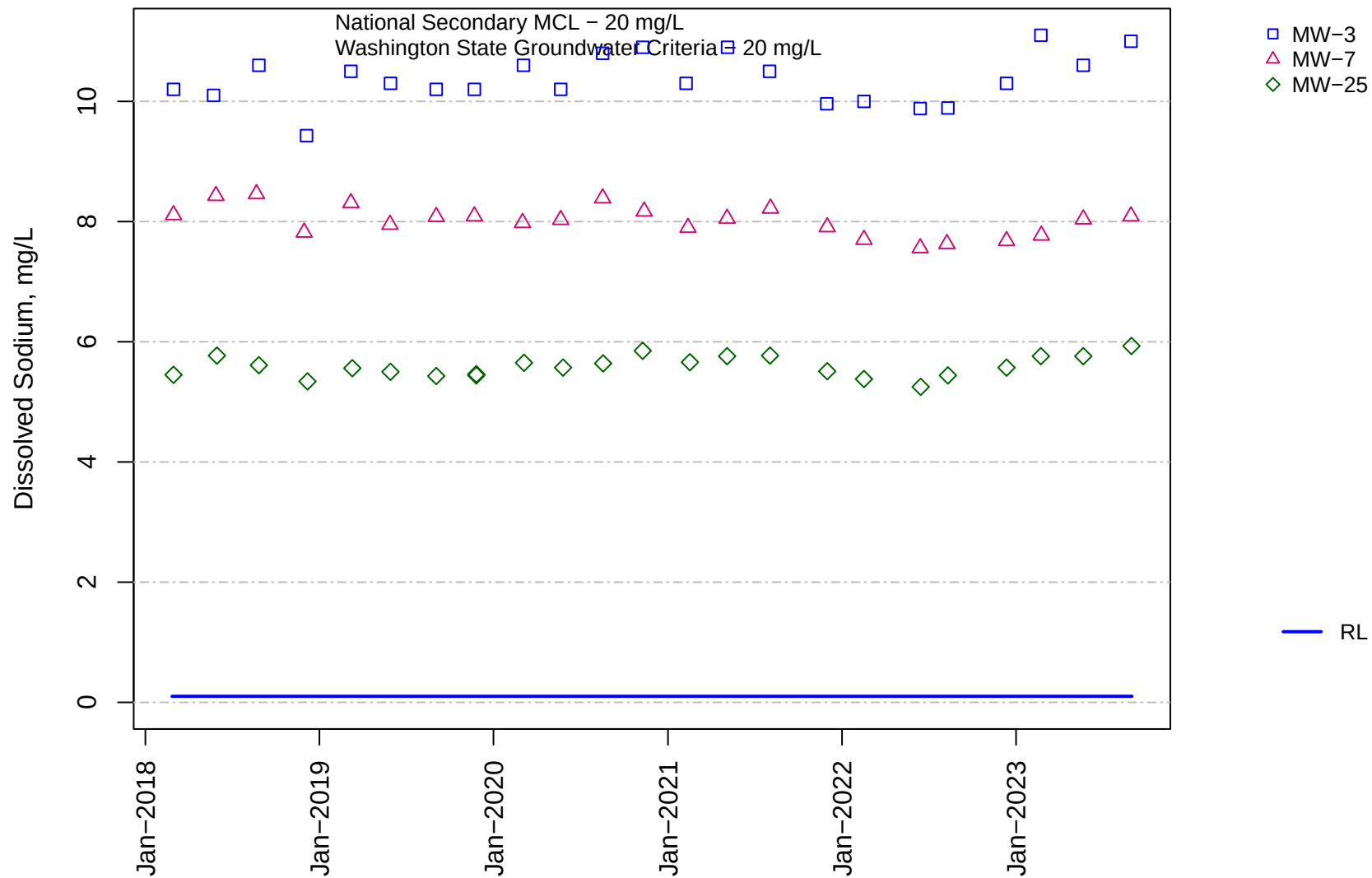


Figure D-16B
Deep Aquifer
1,1-Dichloroethane

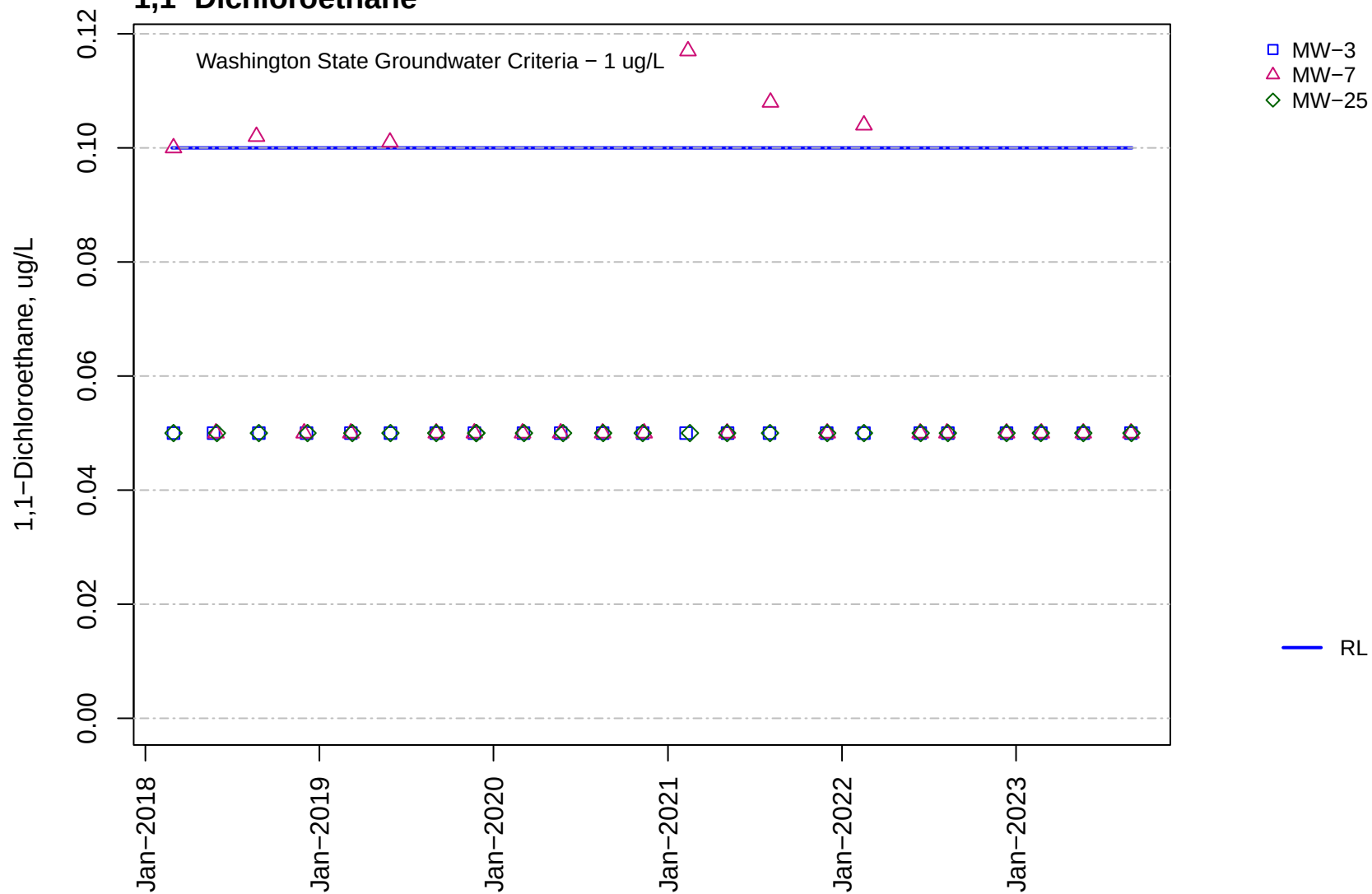


Figure D-17B
Deep Aquifer
Cis-1,2-Dichloroethene

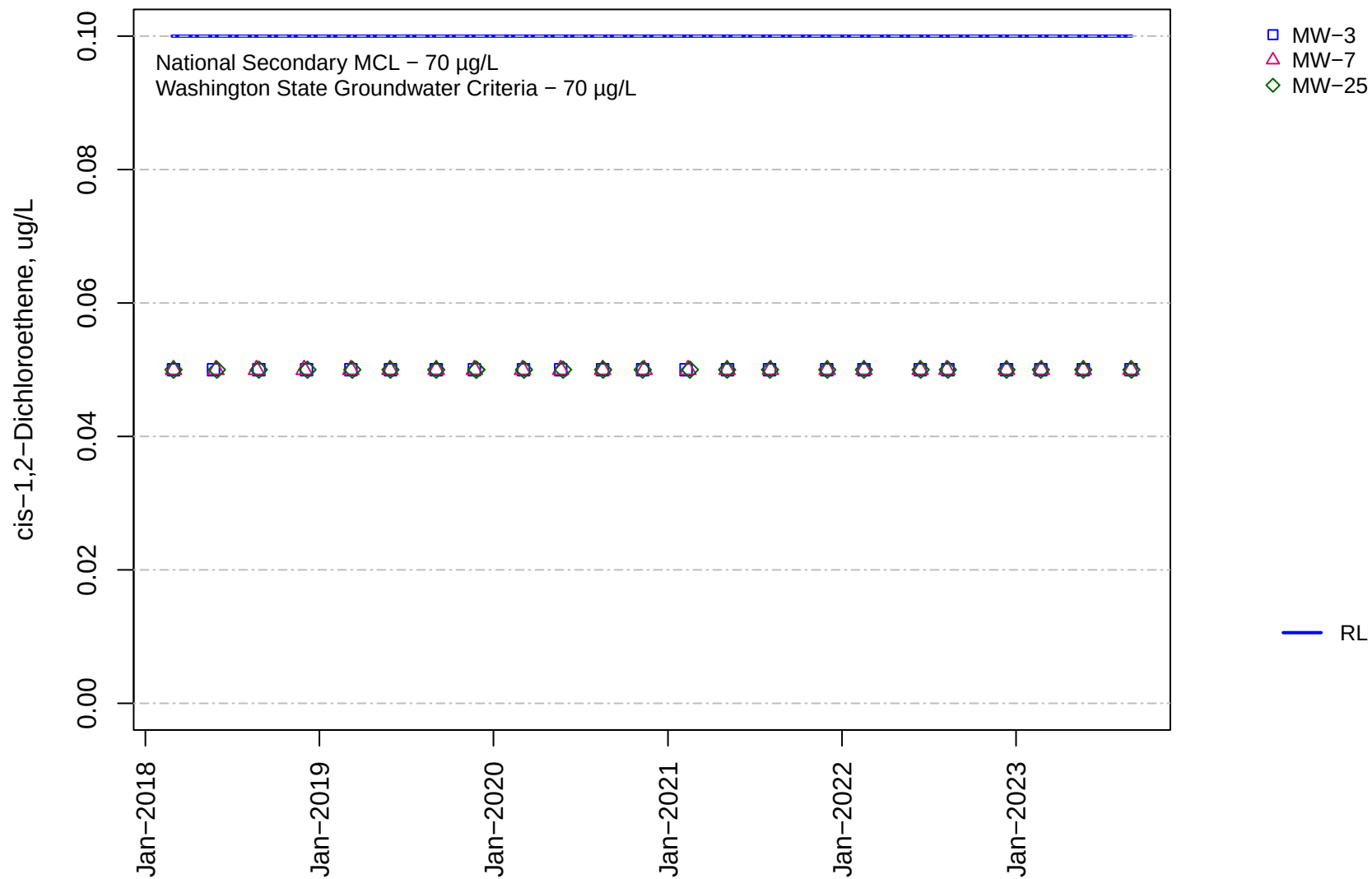


Figure D-18B
Deep Aquifer
Dichlorodifluoromethane

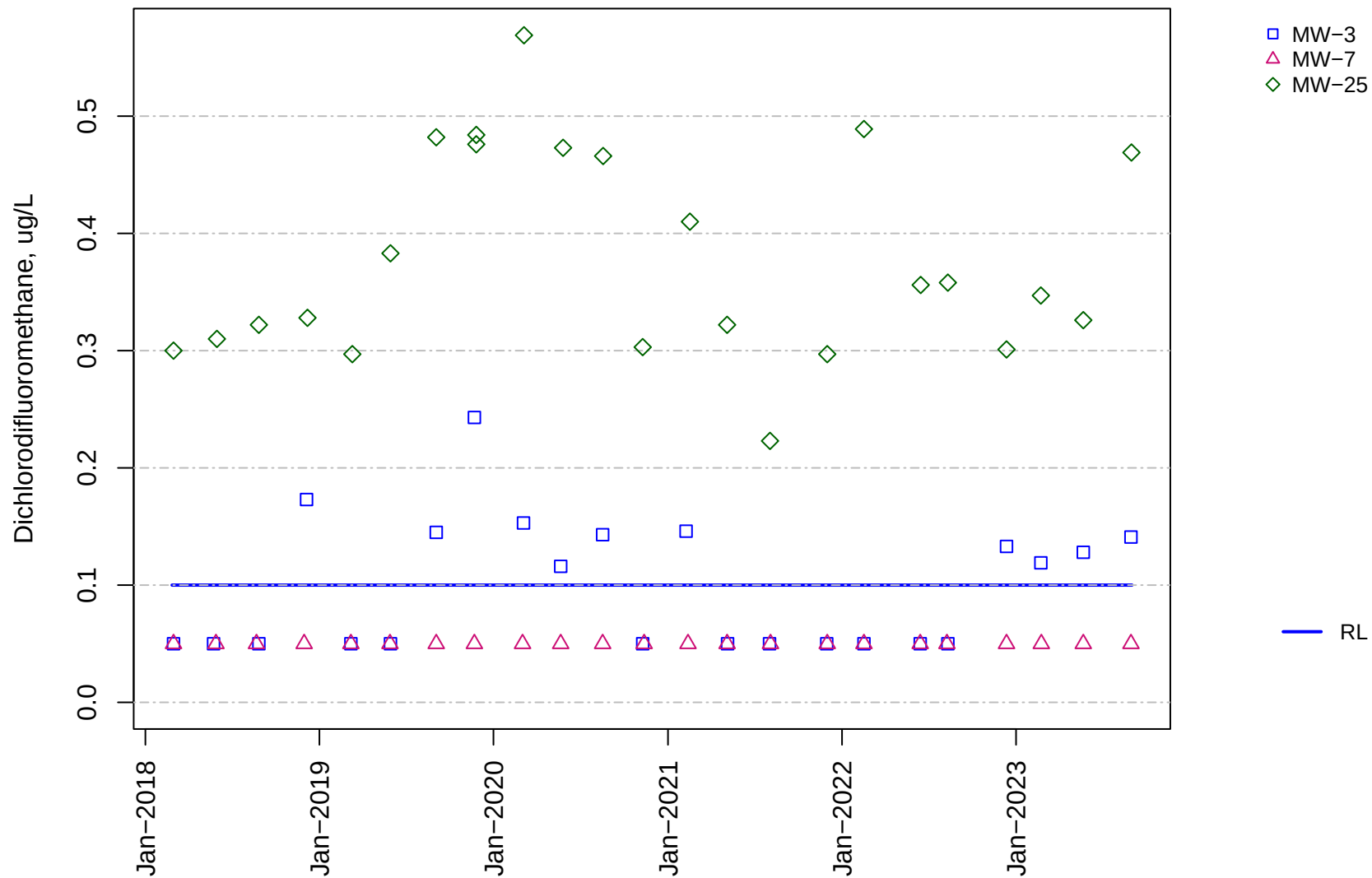


Figure D-19B
Deep Aquifer
1,1,1-Trichloroethane

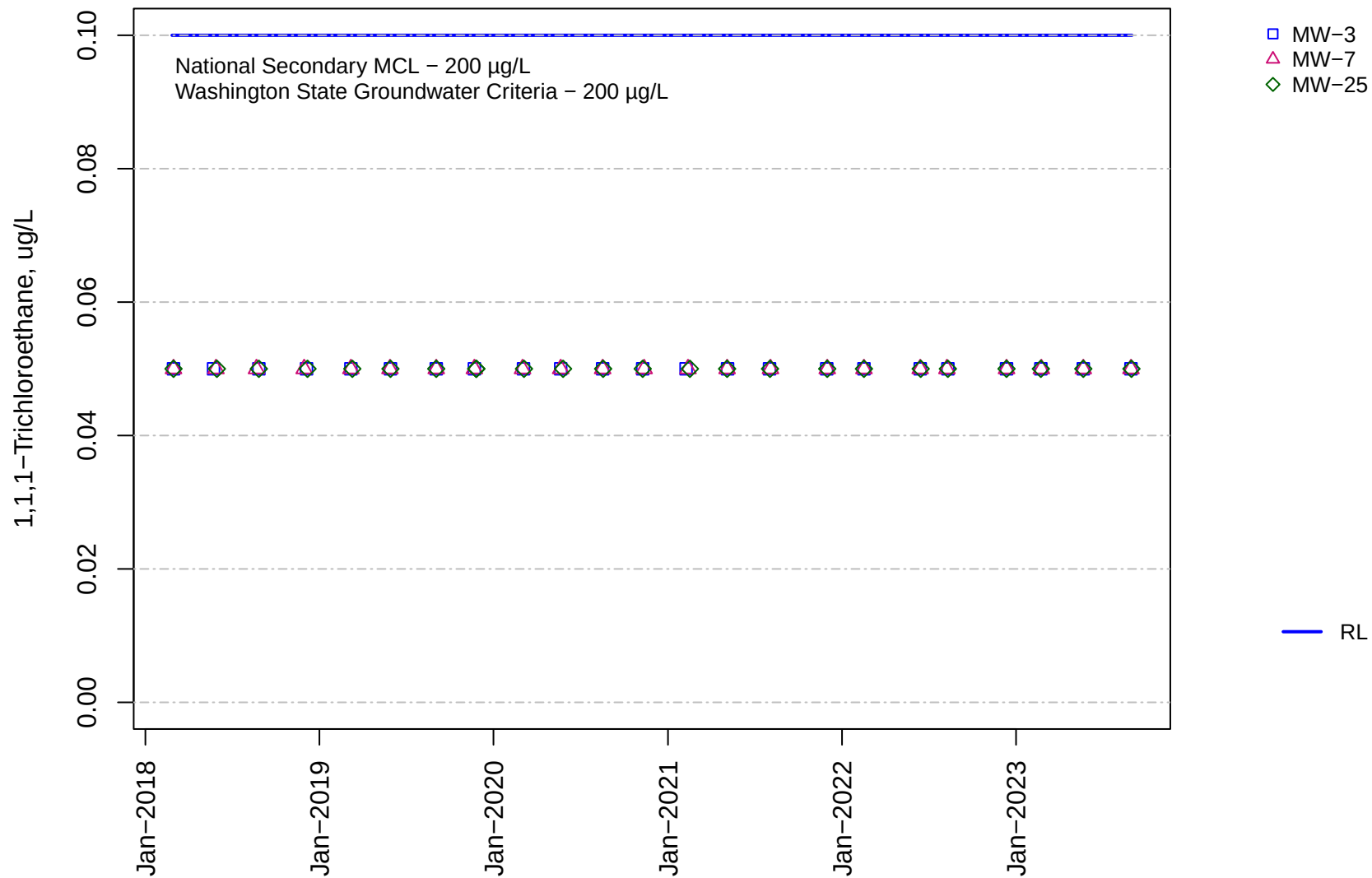
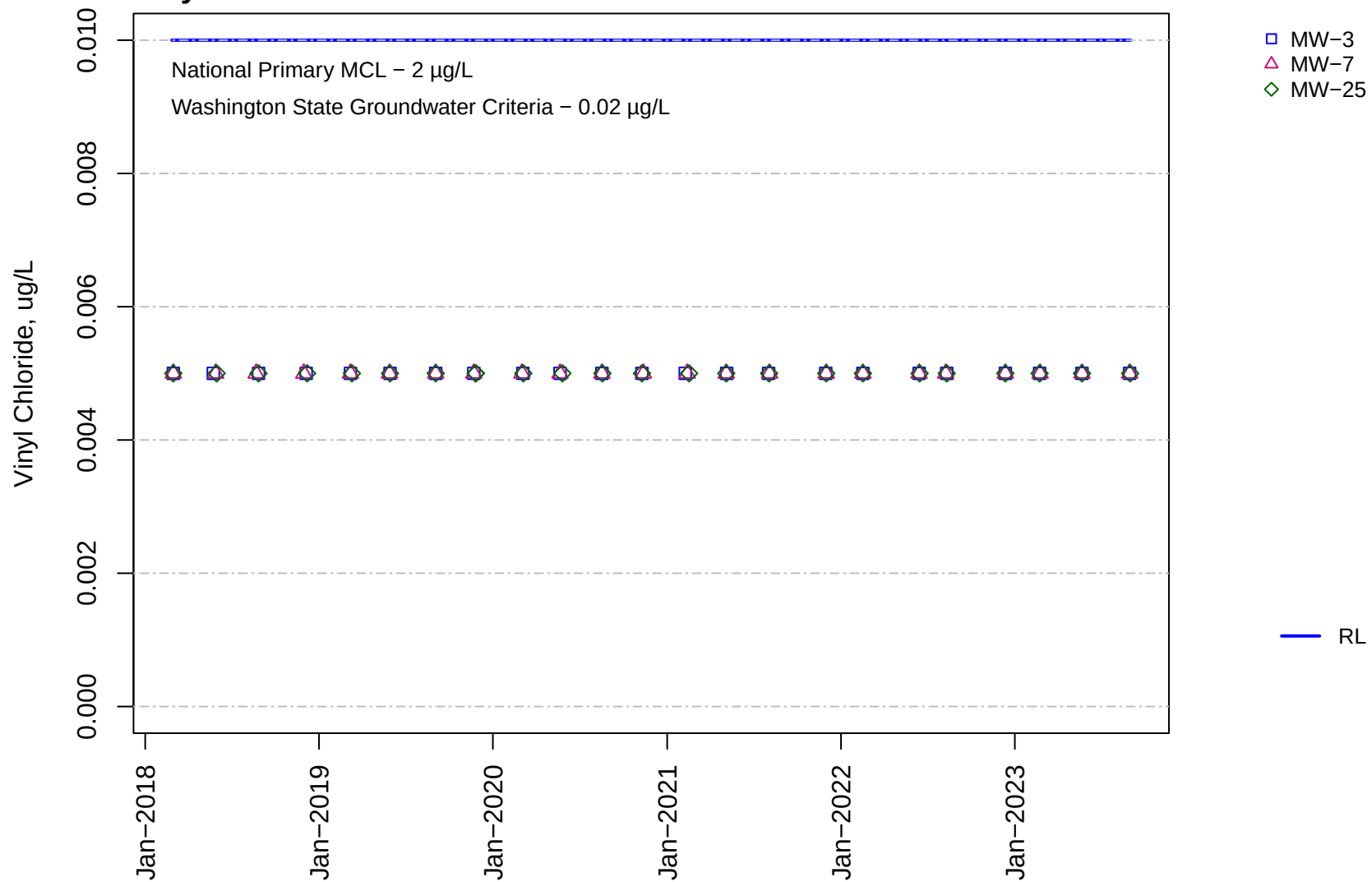


Figure D-20B
Deep Aquifer
Vinyl Chloride



Appendix E

Groundwater Velocity Calculations and Potentiometric Maps



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 15, 2024

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 2022-2023 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 2022-2023 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 2022 – September 2023 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 2021 – third quarter 2022) 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 E-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 E-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 E-1, E-2, E-3, and E-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 within the area enclosed by the slurry wall (Table E-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 E-5, E-6, E-7, and E-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 E-1, E-2, E-3, and E-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 E-1 (fourth quarter 2022) and E-4 (third quarter 2023).

Deep Aquifer

Figures E-5, E-6, E-7, and E-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 E-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:

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

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 2.0 ft/day to 9.5 ft/day, generally in a westward direction around the slurry wall; with a northward flow direction along the downgradient side of the landfill during the third quarter of 2023. Horizontal groundwater velocities calculated for the Deep aquifer ranged from 0.23 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 E-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 2022 and third quarter of 2023, the horizontal hydraulic gradients during those quarters was 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 E-3). The locations of these paired wells are shown in Figures E-1, E-2, E-3, and E-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 E-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.

Hydraulic gradients across the upgradient side of the slurry wall are the highest gradients for all quarters and paired wells, with a maximum gradient of 0.060 ft/ft (paired wells MW-16 and LP-8 (E-E')). The gradients across the downgradient side of the slurry wall are the lowest gradients for all quarters and all paired wells, with a minimum gradient of 0.016 ft/ft during the third quarter of 2023 (paired wells MW-4 and LP-1(W-

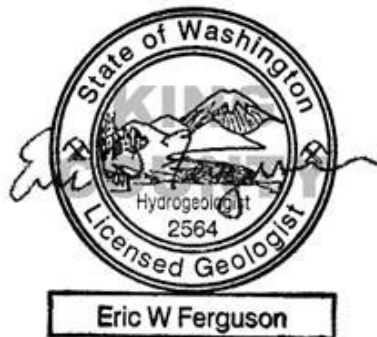
W'). Overall, average gradients across the slurry wall range from 0.020 to 0.050 ft/ft for all paired wells during the 2022-2023 reporting year. These results indicate that an inward gradient is maintained across the slurry wall, which is consistent with historic results.

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 E-1: Well Details and Groundwater Elevations – 2022-2023 Reporting Year

Table E-2: Groundwater Parameters – 2022-2023 Reporting Year

Table E-3: Shallow Aquifer Gradients across the Slurry Wall – 2022-2023 Reporting Year

Figure E-1: Groundwater Potentiometric Surface Map – Fourth Quarter 2022 – Shallow Aquifer

Figure E-2: Groundwater Potentiometric Surface Map – First Quarter 2023 – Shallow Aquifer

Figure E-3: Groundwater Potentiometric Surface Map – Second Quarter 2023 – Shallow Aquifer

Figure E-4: Groundwater Potentiometric Surface Map – Third Quarter 2023 – Shallow Aquifer

Figure E-5: Groundwater Potentiometric Surface Map – Fourth Quarter 2022 – Deep Aquifer

Figure E-6: Groundwater Potentiometric Surface Map – First Quarter 2023 – Deep Aquifer

Figure E-7: Groundwater Potentiometric Surface Map – Second Quarter 2023 – Deep Aquifer

Figure E-8: Groundwater Potentiometric Surface Map – Third Quarter 2023 – Deep Aquifer

Table E-1: Well Details and Groundwater Elevations – Reporting Year 2022-2023
Hobart Landfill
King County, Washington

					4th Quarter 2022		1st Quarter 2023		2nd Quarter 2023		3rd Quarter 2023	
					December 9, 2022		February 17, 2023		May 18, 2023		August 11, 2023	
	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	12.30	626.49	11.01	627.78	11.60	627.19	13.98	624.81
	MW-4	1356822.36	144192.78	647.85	21.98	625.87	20.82	627.03	21.39	626.46	23.84	624.01
	MW-6	1357809.35	143163.90	634.99	8.91	626.08	6.14	628.85	6.50	628.49	10.01	624.98
	MW-10	1356821.01	143148.15	635.96	10.07	625.89	9.02	626.94	9.41	626.55	11.43	624.53
	MW-11	1357712.59	144963.76	655.04	28.75	626.29	27.11	627.93	27.95	627.09	31.87	623.17
	MW-16	1358031.98	143826.35	638.51	10.13	628.38	5.75	632.76	6.04	632.47	9.98	628.53
	MW-18	1356639.28	143485.65	642.35	16.68	625.67	15.75	626.60	16.21	626.14	18.03	624.32
	MW-21	1356651.43	143632.03	648.80	23.19	625.61	22.19	626.61	22.61	626.19	24.51	624.29
	MW-22	1356805.91	142964.15	642.16	16.24	625.92	15.11	627.05	15.48	626.68	17.54	624.62
	MW-26	1356958.77	144499.88	650.00	24.05	625.95	22.69	627.31	23.41	626.59	26.08	623.92
	MW-27	1357615.69	144704.14	650.36	19.38	630.98	18.88	631.48	19.41	630.95	27.61	622.75
Inside Slurry Wall	LEW-1	1357307.06	144050.79	671.01	50.63	620.38	53.00	618.01	49.90	621.11	51.37	619.64
	LEW-4	1357519.69	143530.27	680.52	59.31	621.21	OBSTRUCTED		58.68	621.84	60.21	620.31
	LEW-5	1357199.59	143518.47	687.04	65.80	621.24	65.44	621.60	65.15	621.89	66.71	620.33
	LP-1	1357041.51	144131.66	666.27	45.17	621.10	44.75	621.52	44.47	621.80	45.97	620.30
	LP-3	1357582.66	144460.37	666.22	45.47	620.75	45.08	621.14	44.77	621.45	45.96	620.26
	LP-5	1357294.95	143295.00	658.95	37.92	621.03	37.36	621.59	37.09	621.86	38.60	620.35
	LP-6	1357010.23	143591.44	675.56	54.30	621.26	53.89	621.67	53.61	621.95	55.15	620.41
	LP-7*	1357049.60	144458.74	654.53	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	LP-8	1357845.73	143811.72	655.30	34.19	621.11	33.81	621.49	33.53	621.77	34.96	620.34
	LPI-1	1357367.74	143590.69	689.56	69.95	619.61	68.40	621.16	68.07	621.49	68.50	621.06
Deep Aquifer	MW-3	1356826.73	144183.24	647.58	143.95	503.63	142.33	505.25	141.40	506.18	144.48	503.10
	MW-7	1357287.77	143122.34	637.43	125.04	512.39	123.36	514.07	122.73	514.70	125.04	512.39
	MW-25	1357897.43	144773.11	656.18	115.73	540.45	115.16	541.02	114.23	541.95	116.15	540.03

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

NA Not applicable

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

Table E-2: Groundwater Parameters – Reporting Year 2022-2023
Hobart Landfill
King County, Washington

Groundwater Zone Adjacent to or Beneath Landfill	Monitoring Event	Horizontal Hydraulic Conductivity ¹ (K)	Horizontal Hydraulic Gradient ² (DH/DL)	Effective Porosity ¹ (n _{eff})	Horizontal Groundwater Velocity (v)	General Groundwater Flow Direction
		(ft/d)	(ft/ft)		(ft/d)	
Shallow Aquifer	12/9/2022	1427	0.0009	30%	4.4	West, around slurry wall
	2/17/2023		0.0020		9.7	West, around slurry wall
	05/18/2023		0.0016		7.6	West, around slurry wall
	8/11/2023		0.0005		2.2	North, around slurry wall
Deep Aquifer	12/9/2022	2.35	0.0300	30%	0.24	West-southwest
	2/17/2023		0.0292		0.23	West-southwest
	05/18/2023		0.0291		0.23	West-southwest
	8/11/2023		0.0301		0.24	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 E-1 through E-8.

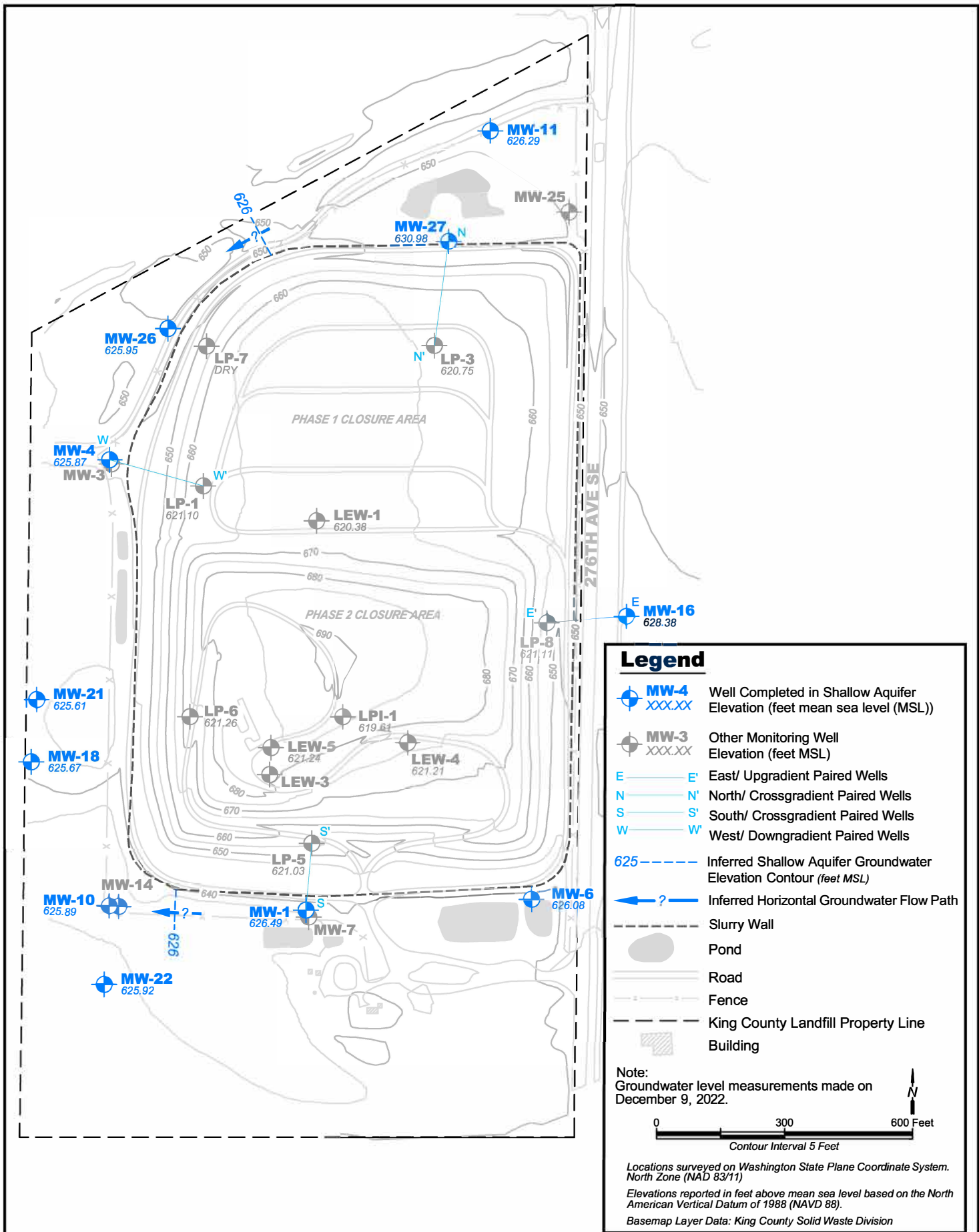
Table E-3: Gradients across the Slurry Wall – Reporting Year 2022-2023
Hobart Landfill
King County, Washington

						Hydraulic Gradient ($\Delta H/\Delta L$) across slurry wall (from outside wells to inside wells)		
Paired Well Location (with respect to the landfill and general groundwater flow direction)		Shallow Aquifer Well Identification	Groundwater Elevations ¹	Inside Slurry Wall Well Identification	Groundwater Elevations ¹	Quarterly Measurements ²	Average for Water Year 2022 - 2023	
			(ft MSL)		(ft MSL)		(ft/ft)	(ft/ft)
East E-E'	Upgradient	MW-16	628.38	LP-8	621.11	4th 2022	0.039	0.050
			632.76		621.49	1st 2023	0.060	
			632.47		621.77	2nd 2023	0.057	
			628.53		620.34	3rd 2023	0.044	
North N-N'	Crossgradient	MW-27	630.98	LP-3	620.75	4th 2022	0.042	0.033
			631.48		621.14	1st 2023	0.042	
			630.95		621.45	2nd 2023	0.039	
			622.75		620.26	3rd 2023	0.010	
South S-S'	Crossgradient	MW-1	626.49	LP-5	621.03	4th 2022	0.035	0.034
			627.78		621.59	1st 2023	0.039	
			627.19		621.86	2nd 2023	0.034	
			624.81		620.35	3rd 2023	0.028	
West W-W'	Downgradient	MW-4	625.87	LP-1	621.10	4th 2022	0.021	0.020
			627.03		621.52	1st 2023	0.024	
			626.46		621.80	2nd 2023	0.020	
			624.01		620.30	3rd 2023	0.016	

Notes:

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

Quarter	Date
4th 2021	12/9/2022
1st 2022	2/17/2023
2nd 2022	5/18/2023
3rd 2022	8/11/2023



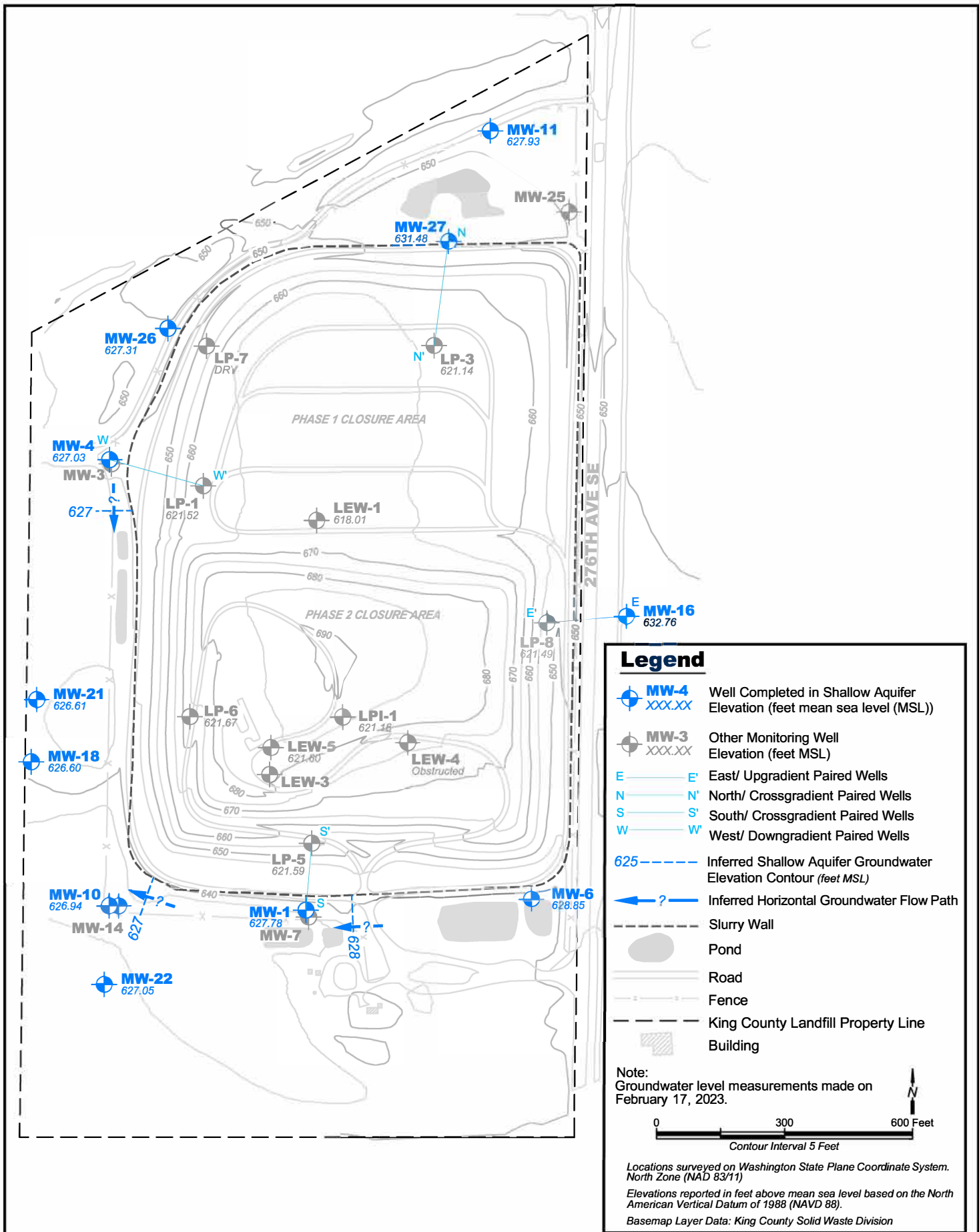
King County

Groundwater Potentiometric Surface Map Fourth Quarter 2022 - Shallow Aquifer

Hobart Closed Landfill
King County, Washington

DATE: Dec. 2023	PROJECT NO. 1033596
DESIGNED BY: AMS	FIGURE NO. E-1
DRAWN BY: KK	
REVIEWED BY: EWF	

Hobart_4Q22_Shallow.dwg

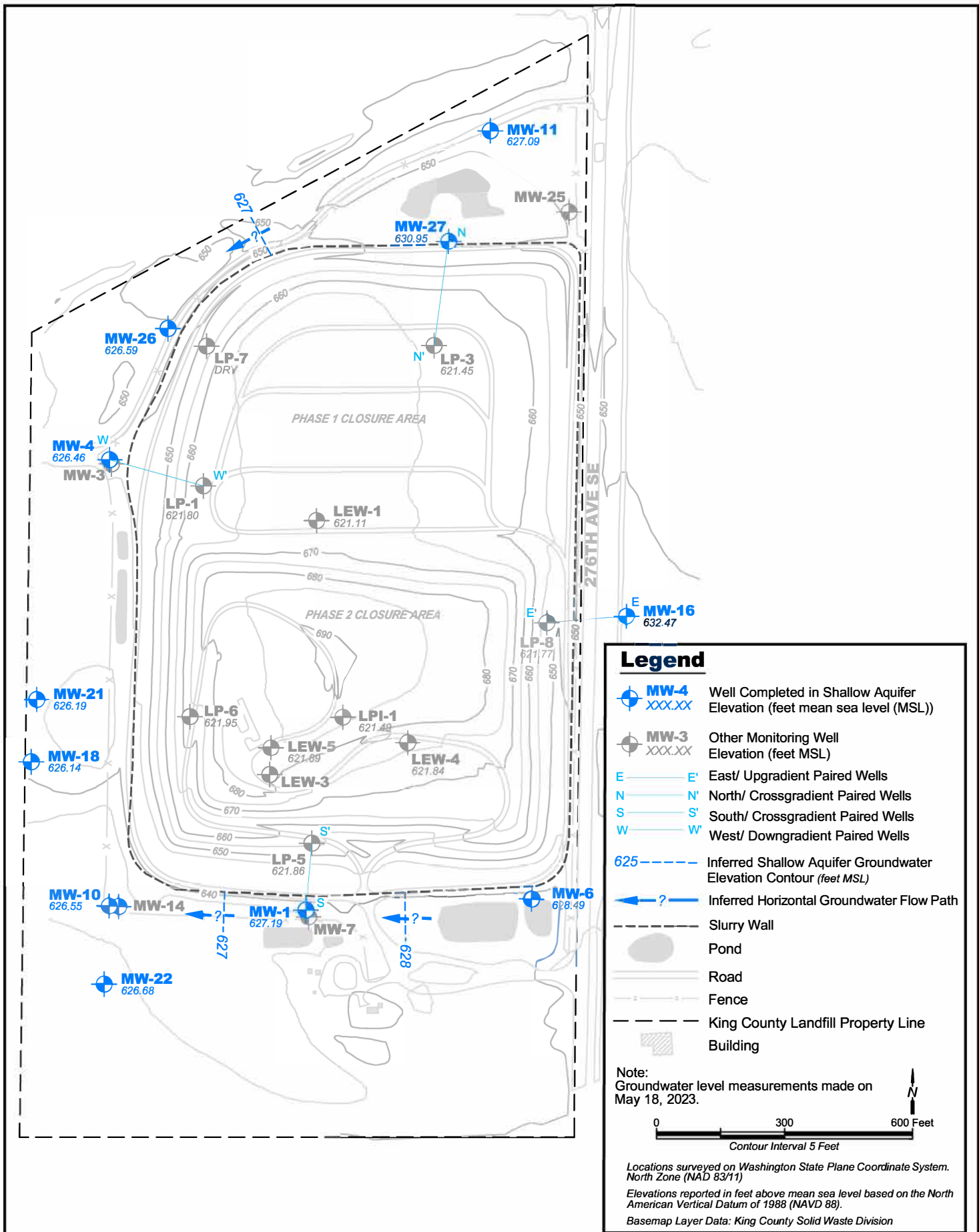


Groundwater Potentiometric Surface Map First Quarter 2023 - Shallow Aquifer

Hobart Closed Landfill
King County, Washington

DATE: Dec. 2023	PROJECT NO. 1033596
DESIGNED BY: AMS	FIGURE NO. E-2
DRAWN BY: KK	
REVIEWED BY: EWF	

Hobart_1Q23_Shallow.dwg

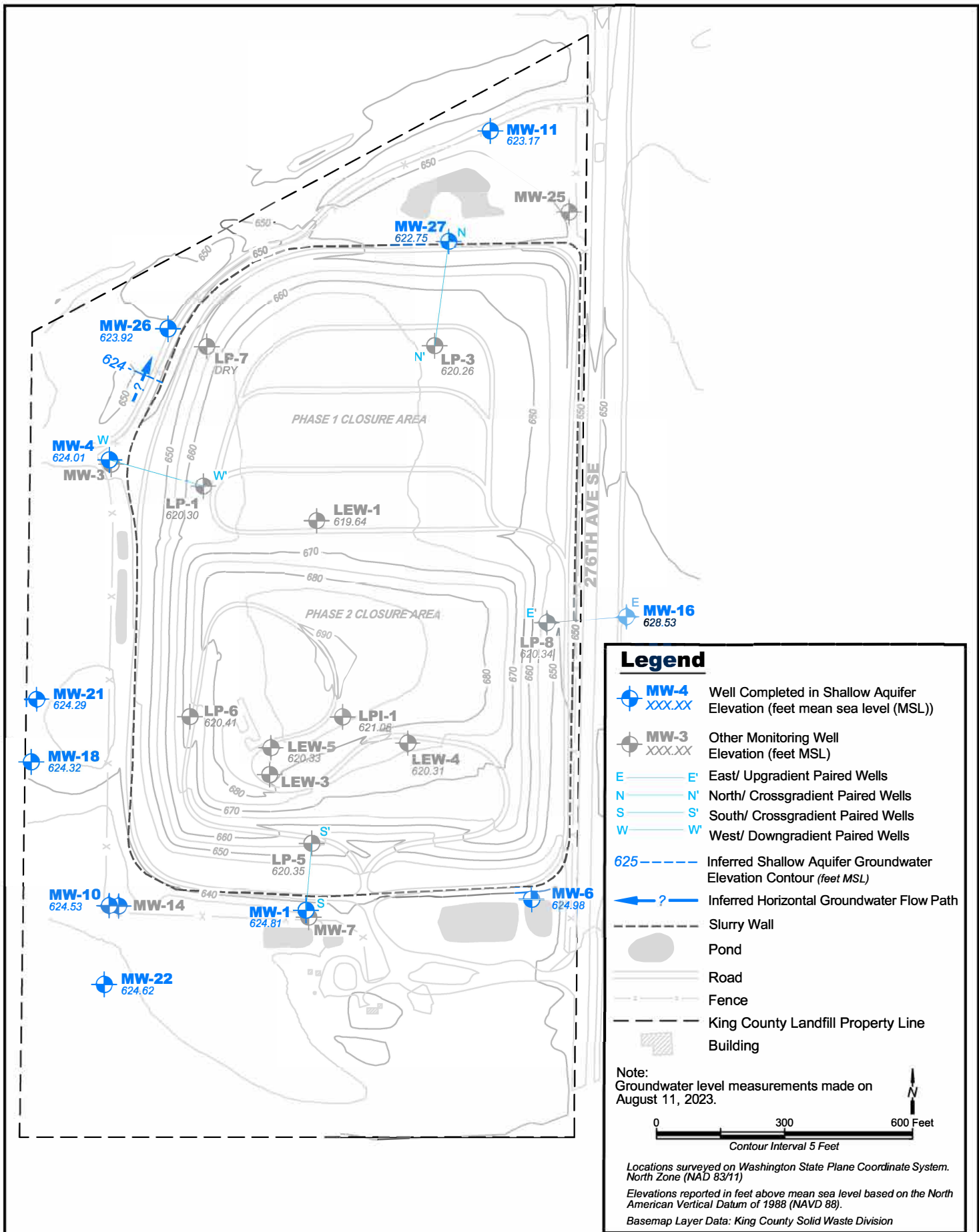


Groundwater Potentiometric Surface Map Second Quarter 2023 - Shallow Aquifer

Hobart Closed Landfill
King County, Washington

DATE: Dec. 2023	PROJECT NO. 1033596
DESIGNED BY: AMS	FIGURE NO. E-3
DRAWN BY: KK	
REVIEWED BY: EWF	

Hobart_3Q23_Shallow.dwg



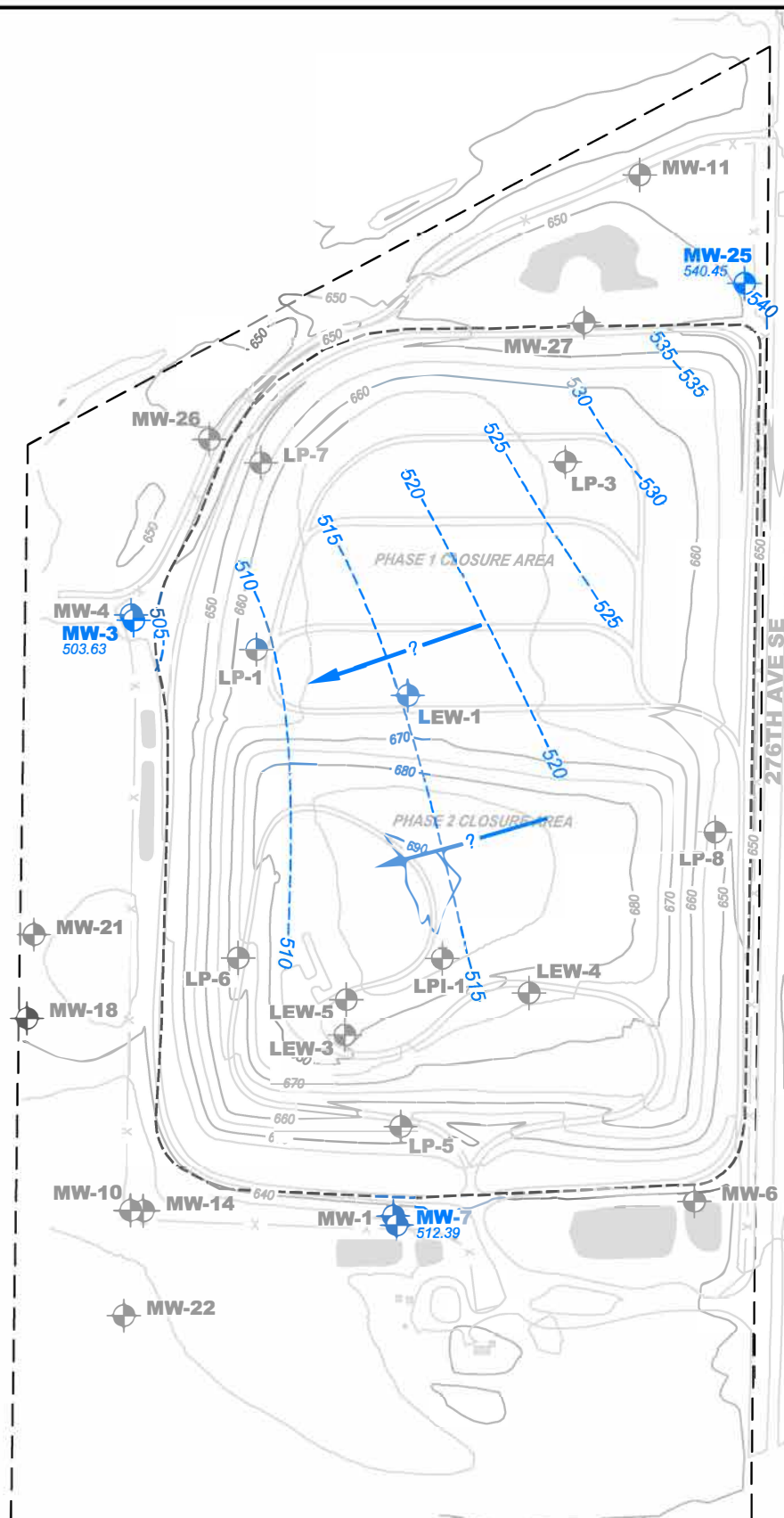
King County

Groundwater Potentiometric Surface Map Third Quarter 2023 - Shallow Aquifer

Hobart Closed Landfill
King County, Washington

DATE: Dec. 2023	PROJECT NO. 1033596
DESIGNED BY: AMS	FIGURE NO. E-4
DRAWN BY: KK	
REVIEWED BY: EWF	

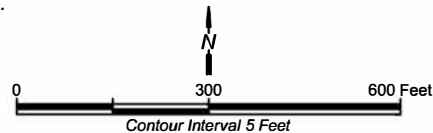
Hobart_3Q23_Shallow.dwg



Legend

- **MW-3** Well Completed in Deep Aquifer
Elevation (feet mean sea level (MSL))
- xxx.xx
- **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 December 9, 2022.



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



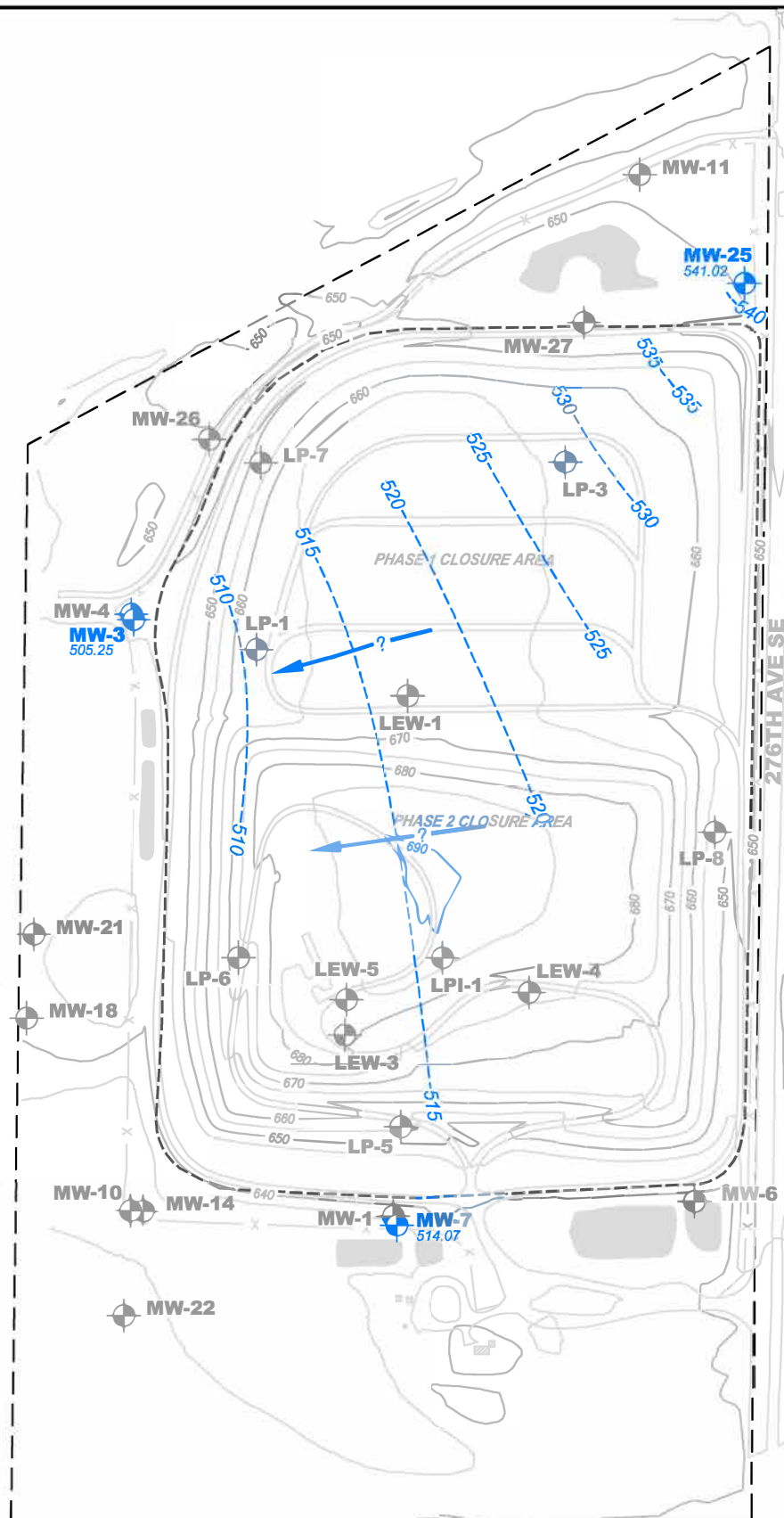
King County

Groundwater Potentiometric Surface Map Fourth Quarter 2022 - Deep Aquifer

Hobart Closed Landfill
King County, Washington

DATE:	Dec. 2023	PROJECT NO.	
DESIGNED BY:	AMS		1033596
DRAWN BY:	KK	FIGURE NO.	
REVIEWED BY:	EWf		E-5

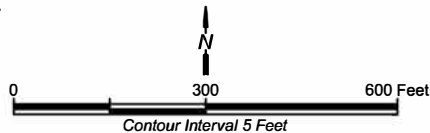
Hobart_4Q22_Deep.dwg



Legend

- MW-3** **xxxx.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 17, 2023.



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



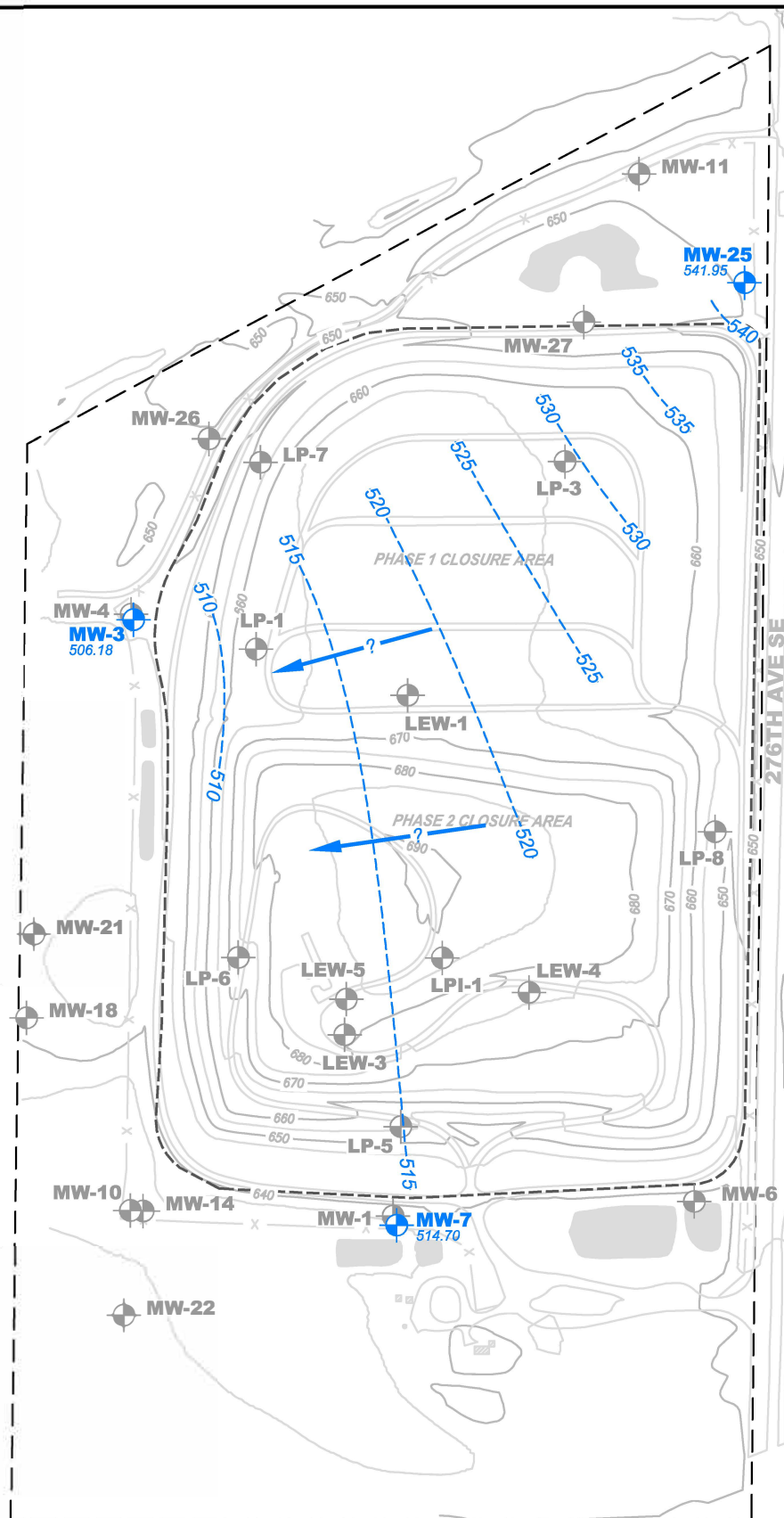
King County

Groundwater Potentiometric Surface Map First Quarter 2023 - Deep Aquifer

Hobart Closed Landfill
King County, Washington

DATE: Dec. 2023	PROJECT NO. 1033596
DESIGNED BY: AMS	
DRAWN BY: KK	FIGURE NO. E-6
REVIEWED BY: EWF	

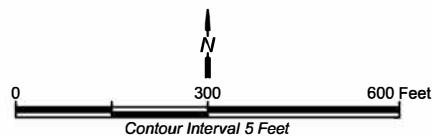
Hobart_1Q23_Deep.dwg



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 18, 2023.



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

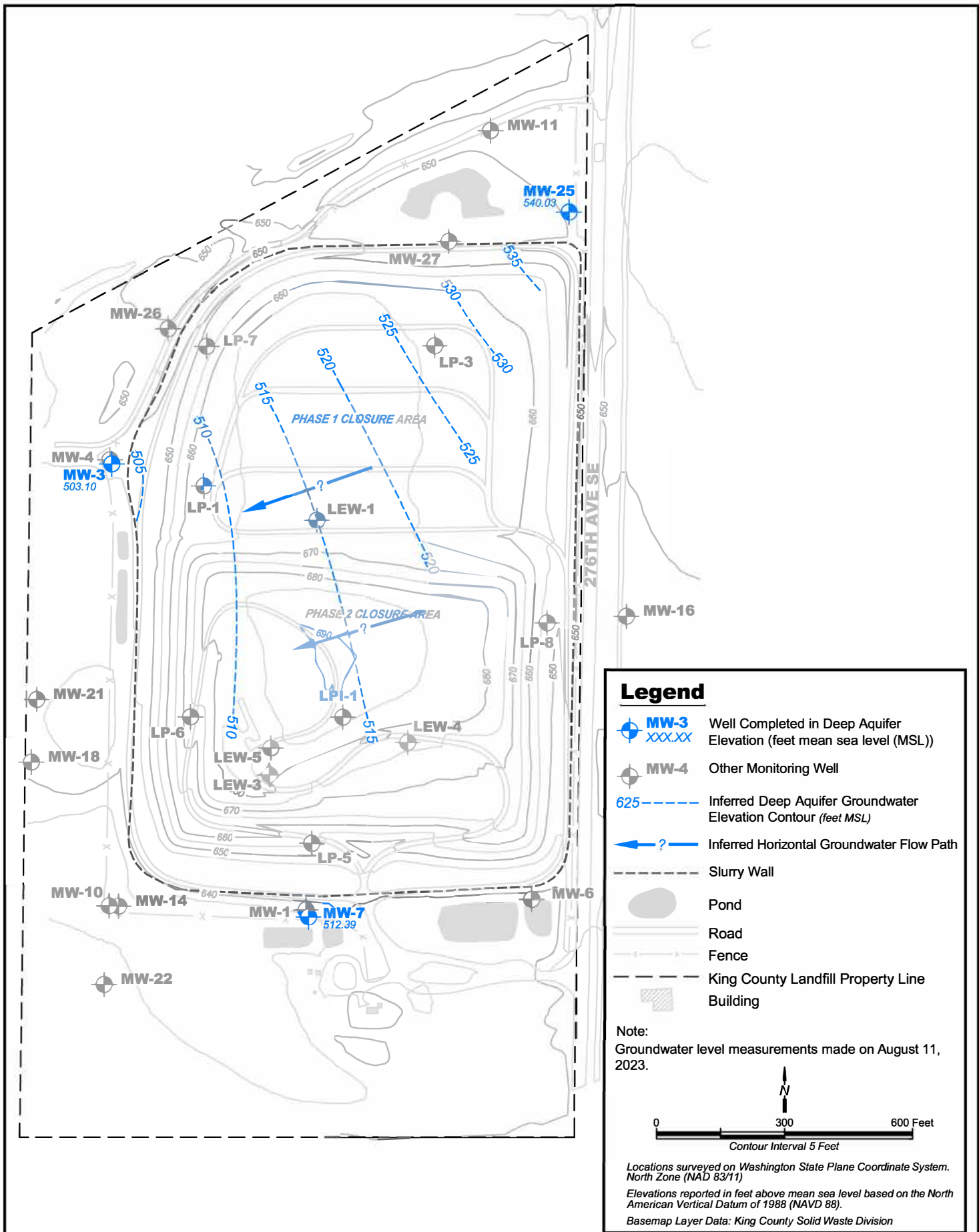
Groundwater Potentiometric Surface Map Second Quarter 2023 - Deep Aquifer

Hobart Closed Landfill
King County, Washington

DATE: Dec. 2023
DESIGNED BY: AMS
DRAWN BY: KK
REVIEWED BY: EWF

PROJECT NO.
1033596
FIGURE NO.
E-7

Hobart_2Q23_Deep.dwg



Groundwater Potentiometric Surface Map Third Quarter 2023 - Deep Aquifer

Hobart Closed Landfill
King County, Washington

DATE: Dec. 2023	PROJECT NO. 1033596
DESIGNED BY: AMS	FIGURE NO. E-8
DRAWN BY: KK	
REVIEWED BY: EWF	

Hobart_3Q23_Deep.dwg

Appendix F

Groundwater Monitoring Data

Table F-1
Groundwater - Static Water Levels

Groundwater - Static Water Levels		Top of PVC	Depth to	Groundwater
Well #	Measurement Date	Casing Elevation (feet)	Groundwater (feet)	Elevation (feet above MSL)
Shallow Aquifer				
MW-1	12/9/2022	638.79	12.30	626.49
MW-1	2/17/2023	638.79	11.01	627.78
MW-1	5/18/2023	638.79	11.60	627.19
MW-1	8/11/2023	638.79	13.98	624.81
MW-4	12/9/2022	647.85	21.98	625.87
MW-4	2/17/2023	647.85	20.82	627.03
MW-4	5/18/2023	647.85	21.39	626.46
MW-4	8/11/2023	647.85	23.84	624.01
MW-6	12/9/2022	634.99	8.91	626.08
MW-6	2/17/2023	634.99	6.14	628.85
MW-6	5/18/2023	634.99	6.50	628.49
MW-6	8/11/2023	634.99	10.01	624.98
MW-10	12/9/2022	635.96	10.07	625.89
MW-10	2/17/2023	635.96	9.02	626.94
MW-10	5/18/2023	635.96	9.41	626.55
MW-10	8/11/2023	635.96	11.43	624.53
MW-11	12/9/2022	655.04	28.75	626.29
MW-11	2/17/2023	655.04	27.11	627.93
MW-11	5/18/2023	655.04	27.95	627.09
MW-11	8/11/2023	655.04	31.87	623.17
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	12/9/2022	642.35	16.68	625.67
MW-18	2/17/2023	642.35	15.75	626.60
MW-18	5/18/2023	642.35	16.21	626.14
MW-18	8/11/2023	642.35	18.03	624.32
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	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	12/9/2022	650.00	24.05	625.95
MW-26	2/17/2023	650.00	22.69	627.31
MW-26	5/18/2023	650.00	23.41	626.59
MW-26	8/11/2023	650.00	26.08	623.92
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

Table F-1
Groundwater - Static Water Levels

Groundwater - Static Water Levels		Top of PVC Casing Elevation (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet above MSL)
Well #	Measurement Date			
Deep Aquifer				
MW-3	12/9/2022	647.58	143.95	503.63
MW-3	2/17/2023	647.58	142.33	505.25
MW-3	5/18/2023	647.58	141.40	506.18
MW-3	8/11/2023	647.58	144.48	503.10
MW-7	12/9/2022	637.43	125.04	512.39
MW-7	2/17/2023	637.43	123.36	514.07
MW-7	5/18/2023	637.43	122.73	514.70
MW-7	8/11/2023	637.43	125.04	512.39
MW-25	12/9/2022	656.18	115.73	540.45
MW-25	2/17/2023	656.18	115.16	541.02
MW-25	5/18/2023	656.18	114.23	541.95
MW-25	8/11/2023	656.18	116.15	540.03

Table F-1
Groundwater - Static Water Levels

Groundwater - Static Water Levels		Top of PVC	Depth to	Groundwater
Well #	Measurement Date	Casing Elevation (feet)	Groundwater (feet)	Elevation (feet above MSL)
Inside Slurry Wall				
LS-LEW1	12/9/2022	671.01	50.63	620.38
LS-LEW1	2/17/2023	671.01	53.00	618.01
LS-LEW1	5/18/2023	671.01	49.90	621.11
LS-LEW1	8/11/2023	671.01	51.37	619.64
LS-LEW4	12/9/2022	680.52	59.31	621.21
LS-LEW4	2/17/2023	680.52	--	--
LS-LEW4	5/18/2023	680.52	58.68	621.84
LS-LEW4	8/11/2023	680.52	60.21	620.31
LS-LEW5	12/9/2022	687.04	65.80	621.24
LS-LEW5	2/17/2023	687.04	65.44	621.60
LS-LEW5	5/18/2023	687.04	65.15	621.89
LS-LEW5	8/11/2023	687.04	66.71	620.33
LS-LP1	12/9/2022	666.27	45.17	621.10
LS-LP1	2/17/2023	666.27	44.75	621.52
LS-LP1	5/18/2023	666.27	44.47	621.80
LS-LP1	8/11/2023	666.27	45.97	620.30
LS-LP3	12/9/2022	666.22	45.47	620.75
LS-LP3	2/17/2023	666.22	45.08	621.14
LS-LP3	5/18/2023	666.22	44.77	621.45
LS-LP3	8/11/2023	666.22	45.96	620.26
LS-LP5	12/9/2022	658.95	37.92	621.03
LS-LP5	2/17/2023	658.95	37.36	621.59
LS-LP5	5/18/2023	658.95	37.09	621.86
LS-LP5	8/11/2023	658.95	38.60	620.35
LS-LP6	12/9/2022	675.56	54.30	621.26
LS-LP6	2/17/2023	675.56	53.89	621.67
LS-LP6	5/18/2023	675.56	53.61	621.95
LS-LP6	8/11/2023	675.56	55.15	620.41
LS-LP7	12/9/2022	654.53	DRY	DRY
LS-LP7	2/17/2023	654.53	DRY	DRY
LS-LP7	5/18/2023	654.53	DRY	DRY
LS-LP7	8/11/2023	654.53	--	--
LS-LP8	12/9/2022	655.30	34.19	621.11
LS-LP8	2/17/2023	655.30	33.81	621.49
LS-LP8	5/18/2023	655.30	33.53	621.77
LS-LP8	8/11/2023	655.30	34.96	620.34
LS-LPI-1	12/9/2022	689.56	69.95	619.61
LS-LPI-1	2/17/2023	689.56	68.40	621.16
LS-LPI-1	5/18/2023	689.56	68.07	621.49
LS-LPI-1	8/11/2023	689.56	68.50	621.06

Notes:

LEW-4 water level was not measured on 2/17/23 because there was an object obstructing the well.

LP7 water level was not measured on 8/11/23 due to insects in well casing.

Table F-2
Groundwater - Sampling Water Levels

Groundwater - Sampling Water Levels		Top of PVC Casing Elevation	Depth to Groundwater	Groundwater Elevation
Well #	Measurement Date	(feet)	(feet)	(feet above MSL)
Shallow Aquifer				
MW-1	12/12/2022	638.79	12.15	626.64
MW-1	2/23/2023	638.79	10.69	628.10
MW-1	5/22/2023	638.79	11.80	626.99
MW-1	8/30/2023	638.79	14.33	624.46
MW-4	12/12/2022	647.85	21.48	626.37
MW-4	2/22/2023	647.85	20.33	627.52
MW-4	5/22/2023	647.85	21.77	626.08
MW-4	8/30/2023	647.85	23.89	623.96
MW-6	12/12/2022	634.99	8.63	626.36
MW-6	2/23/2023	634.99	5.96	629.03
MW-6	5/22/2023	634.99	6.81	628.18
MW-6	9/1/2023	634.99	10.50	624.49
MW-10	12/12/2022	635.96	9.82	626.14
MW-10	2/22/2023	635.96	8.73	627.23
MW-10	5/23/2023	635.96	9.63	626.33
MW-10	8/31/2023	635.96	11.27	624.69
MW-11	12/12/2022	655.04	28.18	626.86
MW-11	2/22/2023	655.04	26.57	628.47
MW-11	5/22/2023	655.04	28.40	626.64
MW-11	8/31/2023	655.04	32.43	622.61
MW-18	12/13/2022	642.35	16.68	625.67
MW-18	2/22/2023	642.35	15.74	626.61
MW-18	5/22/2023	642.35	--	--
MW-18	8/31/2023*	642.35	--	--
MW-26	12/13/2022	650.00	23.42	626.58
MW-26	2/22/2023	650.00	22.12	627.88
MW-26	5/22/2023	650.00	23.77	626.23
MW-26	8/31/2023	650.00	26.23	623.77
Deep Aquifer				
MW-3	12/12/2022	647.58	144.13	503.45
MW-3	2/22/2023	647.58	141.74	505.84
MW-3	5/22/2023	647.58	141.55	506.03
MW-3	8/30/2023	647.58	144.99	502.59
MW-7	12/12/2022	637.43	125.57	511.86
MW-7	2/23/2023	637.43	122.79	514.64
MW-7	5/22/2023	637.43	122.40	515.03
MW-7	8/30/2023	637.43	125.79	511.64
MW-25	12/12/2022	656.18	115.93	540.25
MW-25	2/22/2023	656.18	114.74	541.44
MW-25	5/22/2023	656.18	114.55	541.63
MW-25	8/31/2023	656.18	116.30	539.88

Notes:

MW-18 water level drawdown was below top of pump during sampling on 5/22/2023.

*Insufficient water to collect a sample.

Table F-3
Groundwater - Field Parameters

Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field) (mg/L)	Oxidation- Reduction Potential (mV)	pH (Field) (std. units)	Specific Conductance (Field) (µmhos/cm)	Temperature (Field) (°C)	Turbidity (Field) (NTU)	Volume Purged (gal)
Well #	Sample Date	Sample ID							
Shallow Aquifer									
MW-1	12/12/2022	WH1-221212-	8.41	152	6.05	68.4	7.81	6.21	1.25
MW-1	2/23/2023	WH1-230223-	5.15	375.4	5.91	48.5	5.86	7.32	2
MW-1	5/22/2023	WH1-230522-	0.61	260.5	5.23	82.2	7.72	5.96	3
MW-1	8/30/2023	WH1-230830-	0.27	287.6	5.75	87.9	11.1	3.76	2.5
MW-4	12/12/2022	WH4-221212-	9.22	341.4	5.58	43.5	10.42	7.79	2.75
MW-4	2/22/2023	WH4-230222-	9.77	426.5	5.63	46.2	9.24	5.27	3.75
MW-4	5/22/2023	WH4-230522-	9.4	478.1	5.24	45.9	9	5.13	3.5
MW-4	8/30/2023	WH4-230830-	6.13	291.6	5.73	43.3	10.51	3.31	2.75
MW-6	12/12/2022	WH6-221212-	2.69	172.2	6.73	90.3	8.8	0.61	3
MW-6	2/23/2023	WH6-230223-	3.92	204.8	6.7	94.3	7.36	1.11	1.25
MW-6	5/22/2023	WH6-230522-	3.66	448.1	6.36	102.8	9.38	0.9	2.25
MW-6	9/1/2023	WH6-230901-	3.09	192.1	6.41	99.4	10.73	1.06	2.2
MW-10	12/12/2022	WH10221212-	0.17	12.3	6.12	74.1	9.5	0.68	2.1
MW-10	2/22/2023	WH10230222-	0.22	75	6.29	61.8	9.64	1.78	1.75
MW-10	5/23/2023	WH10230523-	0.65	46.5	6.06	54.6	8.53	1.16	2.75
MW-10	8/31/2023	WH10230831-	0.14	71.8	5.47	81.4	8.99	2.39	2.5
MW-11	12/12/2022	WH11221212-	10.68	230.9	5.84	54.2	7.96	0.73	3
MW-11	2/22/2023	WH11230222-	10.41	237	6.14	65.3	8.32	0.3	1.5
MW-11	2/22/2023	WH11230222D	10.41	237	6.14	65.3	8.32	0.3	1.5
MW-11	5/22/2023	WH11230522-	10.15	282.1	5.42	59	8.63	0.38	1.5
MW-11	8/31/2023	WH11230831-	7.98	506.1	5.82	89.7	9.52	2.81	2
MW-18	12/13/2022	WH18221213-	--	--	5.66	44.6	9.42	0.26	5.75
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	5.75
MW-18	8/31/2023	WH18230831Z*	--	--	--	--	--	--	--
MW-26	12/13/2022	WH26221213-	7.12	250.3	5.77	52.9	9.48	1.35	1
MW-26	2/22/2023	WH26230222-	10.26	211.2	5.66	48.8	7.79	0.93	1
MW-26	5/22/2023	WH26230522-	8.22	229.1	5.8	48.5	9.48	1.11	2.25
MW-26	8/31/2023	WH26230831-	6.1	468.7	5.11	53.6	11.08	1.8	1.25

Table F-3
Groundwater - Field Parameters

Groundwater - Field Parameters			Dissolved Oxygen (DO) (Field) (mg/L)	Oxidation- Reduction Potential (mV)	pH (Field) (std. units)	Specific Conductance (Field) (µmhos/cm)	Temperature (Field) (°C)	Turbidity (Field) (NTU)	Volume Purged (gal)
Well #	Sample Date	Sample ID							
Deep Aquifer									
MW-3	12/12/2022	WH3-221212-	1.15	147.7	7.34	146.3	9.74	0.14	2
MW-3	2/22/2023	WH3-230222-	1.64	95.6	7.27	134.9	8.44	0.33	1.75
MW-3	5/22/2023	WH3-230522-	1.32	315.9	6.96	143.7	9.87	0.37	1.6
MW-3	8/30/2023	WH3-230830-	1.34	94.3	7.48	146.4	11.16	1.61	1.75
MW-7	12/12/2022	WH7-221212-	10.97	82.3	7.69	221.2	9.54	0.55	1.5
MW-7	2/23/2023	WH7-230223-	8.65	204.7	7.22	225.4	8.53	0.26	3
MW-7	5/22/2023	WH7-230522-	7.08	188	7.39	242	9.1	0.28	3
MW-7	8/30/2023	WH7-230830-	11.1	229.3	8.04	239.3	11.39	0.81	3
MW-25	12/12/2022	WH25221212-	1.38	137.8	7.81	98.2	7.94	0.14	3.5
MW-25	12/12/2022	WH25221212D	1.38	137.8	7.81	98.2	7.94	0.14	3.5
MW-25	2/22/2023	WH25230222-	1	167.1	7.89	101.3	8.3	0.31	3.6
MW-25	5/22/2023	WH25230522-	0.76	83.1	7.76	101.3	8.92	0.37	5.75
MW-25	5/22/2023	WH25230522D	0.76	83.1	7.76	101.3	8.92	0.37	5.75
MW-25	8/31/2023	WH25230831-	1.07	88.4	7.61	106.5	9.96	1.5	3.5
Field Blanks									
FIELD BLANK	9/1/2023	WH6-230901F	--	--	6.07	0.4	17.63	--	--

Notes:

-- = parameter is not sampled for

*Insufficient water to collect a sample.

Table F-4
Groundwater - Conventionals

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	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	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	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	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
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	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-18	8/31/2023	WH18230831Z*	--	--	--	--	--	--	--	--	--	--
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

Table F-4
Groundwater - Conventionals

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)
Deep Aquifer												
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	12/12/2022	WH7-221212-	121	0.002 U	1.98	0.012 T	252	9	154	0.5 U	152	0.7 T
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	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	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 not sampled

*MW-18 was dry 3Q23.

Table F-5
Groundwater - Metals (Dissolved Total)

Groundwater - Metals (Dissolved & Total)				Antimony, Dissolved (mg/L)	Antimony, Total (mg/L)	Arsenic, Dissolved (µg/L)	Arsenic, Total (µg/L)	Barium, Dissolved (mg/L)	Barium, Total (mg/L)	Beryllium, Dissolved (mg/L)	Beryllium, Total (mg/L)	Cadmium, Dissolved (mg/L)	Cadmium, Total (mg/L)	Calcium, Dissolved (mg/L)	Calcium, Total (mg/L)
Well #	Sample Date	Sample ID													
Shallow Aquifer															
MW-1	12/12/2022	WH1-221212-		0.0003 U	--	0.086	--	0.00135	--	0.0001 U	--	5E-05 U	--	8.42	--
MW-1	2/23/2023	WH1-230223-		0.0003 U	--	0.0989	--	0.00103	--	0.0001 U	--	5E-05 U	--	5.86	--
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
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	--
MW-4	12/12/2022	WH4-221212-		0.0003 U	--	0.05 U	--	0.00103	--	0.0001 U	--	5E-05 U	--	4.17	--
MW-4	2/22/2023	WH4-230222-		0.0003 U	--	0.05 U	--	0.000942	--	0.0001 U	--	5E-05 U	--	4.23	--
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
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	--
MW-6	12/12/2022	WH6-221212-		0.0003 U	--	0.296	--	0.00202	--	0.0001 U	--	5E-05 U	--	11.2	--
MW-6	2/23/2023	WH6-230223-		0.0003 U	--	0.321	--	0.00207	--	0.0001 U	--	5E-05 U	--	12.1	--
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
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	--
MW-10	12/12/2022	WH10221212-		0.0003 U	--	4.28	--	0.00491	--	0.0001 U	--	5E-05 U	--	8.6	--
MW-10	2/22/2023	WH10230222-		0.0003 U	--	4.02	--	0.00381	--	0.0001 U	--	5E-05 U	--	6.78	--
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
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	--
MW-11	12/12/2022	WH11221212-		0.0003 U	--	0.0648	--	0.00139	--	0.0001 U	--	5E-05 U	--	6.22	--
MW-11	2/22/2023	WH11230222-		0.0003 U	--	0.0718	--	0.00145	--	0.0001 U	--	5E-05 U	--	7.13	--
MW-11	2/22/2023	WH11230222D		0.0003 U	--	0.0757	--	0.0014	--	0.0001 U	--	5E-05 U	--	7.01	--
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
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	--
MW-18	12/13/2022	WH18221213-		0.0003 U	--	0.167	--	0.00138	--	0.0001 U	--	5E-05 U	--	5.61	--
MW-18	2/22/2023	WH18230222-		0.0003 U	--	0.168	--	0.00123	--	0.0001 U	--	5E-05 U	--	5.35	--
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
MW-18	8/31/2023	WH18230831Z*		--	--	--	--	--	--	--	--	--	--	--	--
MW-26	12/13/2022	WH26221213-		0.0003 U	--	0.0751	--	0.00166	--	0.0001 U	--	5E-05 U	--	5.53	--
MW-26	2/22/2023	WH26230222-		0.0003 U	--	0.0618	--	0.00139	--	0.0001 U	--	5E-05 U	--	4.82	--
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
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	--
Deep Aquifer															
MW-3	12/12/2022	WH3-221212-		0.0003 U	--	0.214		0.000582	--	0.0001 U	--	5E-05 U	--	15.1	--
MW-3	2/22/2023	WH3-230222-		0.0003 U	--	0.218		0.000549	--	0.0001 U	--	5E-05 U	--	14.7	--
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
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	--
MW-7	12/12/2022	WH7-221212-		0.0003 U	--	0.326		0.000689	--	0.0001 U	--	5E-05 U	--	30.8	--
MW-7	2/23/2023	WH7-230223-		0.0003 U	--	0.247		0.000765	--	0.0001 U	--	5E-05 U	--	31.8	--
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
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	--
MW-25	12/12/2022	WH25221212-		0.0003 U	--	1.09		0.00104	--	0.0001 U	--	5E-05 U	--	11.2	--
MW-25	12/12/2022	WH25221212D		0.0003 U	--	1.1		0.0011	--	0.0001 U	--	5E-05 U	--	11.4	--
MW-25	2/22/2023	WH25230222-		0.0003 U	--	1.06		0.00111	--	0.0001 U	--	5E-05 U	--	10.6	--
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
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
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	--
Field Blanks															
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	--

Notes:
-- = parameter is not sampled for
*Insufficient water to collect a sample.

Table F-5
Groundwater - Metals (Dissolved Total)

Groundwater - Metals (Dissolved & Total)				Chromium, Dissolved (mg/L)	Chromium, Total (mg/L)	Cobalt, Dissolved (mg/L)	Cobalt, Total (mg/L)	Copper, Dissolved (mg/L)	Copper, Total (mg/L)	Iron, Dissolved (mg/L)	Iron, Total (mg/L)	Lead, Dissolved (mg/L)	Lead, Total (mg/L)	Magnesium, Dissolved (mg/L)	Magnesium, Total (mg/L)
Well #	Sample Date	Sample ID													
Shallow Aquifer															
MW-1	12/12/2022	WH1-221212-		0.000273	--	5E-05 U	--	0.00127	--	0.01 U	--	0.0001 U	--	2.29	--
MW-1	2/23/2023	WH1-230223-		0.000235	--	5E-05 U	--	0.00131	--	0.01 U	--	0.0001 U	--	1.57	--
MW-1	5/22/2023	WH1-230522-		0.0002 U	0.0002 U	0.000168	0.000292	0.000488	0.000705	0.135	0.885	0.0001 U	0.0001 U	2.17	2.34
MW-1	8/30/2023	WH1-230830-		0.0002 U	0.000214	0.000183	0.000276	0.000436	0.00055	0.0243	0.349	0.0001 U	0.0001 U	2.48	--
MW-4	12/12/2022	WH4-221212-		0.000388	--	5E-05 U	--	0.000405	--	0.0114	--	0.0001 U	--	0.906	--
MW-4	2/22/2023	WH4-230222-		0.0002 U	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	0.951	--
MW-4	5/22/2023	WH4-230522-		0.0002 U	0.000236	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
MW-4	8/30/2023	WH4-230830-		0.0002 U	0.000209	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	--
MW-6	12/12/2022	WH6-221212-		0.000453	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.92	--
MW-6	2/23/2023	WH6-230223-		0.000758	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.21	--
MW-6	5/22/2023	WH6-230522-		0.000623	0.000756	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
MW-6	9/1/2023	WH6-230901-		0.000535	0.000592	5E-05 U	5E-05 U	0.0002 U	0.000222	0.01 U	0.0118	0.0001 U	0.0001 U	4.39	--
MW-10	12/12/2022	WH10221212-		0.0002 U	--	0.0019	--	0.0002 U	--	3.72	--	0.0001 U	--	2.02	--
MW-10	2/22/2023	WH10230222-		0.000523	--	0.00163	--	0.0002 U	--	2.82	--	0.0001 U	--	1.56	--
MW-10	5/23/2023	WH10230523-		0.0002 U	0.0002 U	0.00129	0.00132	0.0002 U	0.000503	2.26	2.43	0.0001 U	0.0001 U	1.45	1.47
MW-10	8/31/2023	WH10230831-		0.0002 U	0.0002 U	0.0019	0.00194	0.0002 U	0.0002 U	3.36	3.49	0.0001 U	0.0001 U	2.13	--
MW-11	12/12/2022	WH11221212-		0.0002 U	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.56	--
MW-11	2/22/2023	WH11230222-		0.0002 U	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.72	--
MW-11	2/22/2023	WH11230222D		0.0002 U	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.69	--
MW-11	5/22/2023	WH11230522-		0.0002 U	0.0002 U	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
MW-11	8/31/2023	WH11230831-		0.000345	0.00034	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	--
MW-18	12/13/2022	WH18221213-		0.000351	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.07	--
MW-18	2/22/2023	WH18230222-		0.0002 U	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.01	--
MW-18	5/22/2023	WH18230522-		0.0002 U	0.0002 U	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
MW-18	8/31/2023	WH18230831Z*		--	--	--	--	--	--	--	--	--	--	--	--
MW-26	12/13/2022	WH26221213-		0.0002 U	--	5E-05 U	--	0.000356	--	0.01 U	--	0.0001 U	--	1.31	--
MW-26	2/22/2023	WH26230222-		0.0002 U	--	5.07E-05	--	0.0002 U	--	0.01 U	--	0.0001 U	--	1.18	--
MW-26	5/22/2023	WH26230522-		0.0002 U	0.0002 U	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
MW-26	8/31/2023	WH26230831-		0.0002 U	0.0002 U	5E-05 U	5.02E-05	0.0002 U	0.000232	0.01 U	0.0187	0.0001 U	0.0001 U	1.32	--
Deep Aquifer															
MW-3	12/12/2022	WH3-221212-		0.0002 U	--	5E-05 U	--	0.0002 U	--	0.0119	--	0.0001 U	--	5.6	--
MW-3	2/22/2023	WH3-230222-		0.0002 U	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	5.9	--
MW-3	5/22/2023	WH3-230522-		0.0002 U	0.0002 U	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
MW-3	8/30/2023	WH3-230830-		0.0002 U	0.000202	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	--
MW-7	12/12/2022	WH7-221212-		0.000295	--	--	--	0.0002 U	--	0.01 U	--	0.0001 U	--	10.3	--
MW-7	2/23/2023	WH7-230223-		0.0002 U	--	5E-05 U	--	0.000215	--	0.01 U	--	0.0001 U	--	10.6	--
MW-7	5/22/2023	WH7-230522-		0.000208	0.0002 U	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
MW-7	8/30/2023	WH7-230830-		0.0002	0.0002 U	5E-05 U	5E-05 U	0.0002 U	0.000232	0.01 U	0.015	0.0001 U	0.0001 U	10.9	--
MW-25	12/12/2022	WH25221212-		0.00109	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.21	--
MW-25	12/12/2022	WH25221212D		0.00098	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	4.24	--
MW-25	2/22/2023	WH25230222-		0.000993	--	5E-05 U	--	0.0002 U	--	0.01 U	--	0.0001 U	--	3.89	--
MW-25	5/22/2023	WH25230522-		0.00102	0.001	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
MW-25	5/22/2023	WH25230522D		0.00103	0.000958	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
MW-25	8/31/2023	WH25230831-		0.000998	0.00116	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	--
Field Blanks															
FIELD BLANK	9/1/2023	WH6-230901F		0.0002 U	0.0002 U	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	--

Notes:
-- = parameter is not sampled for
*Insufficient water to collect a sample.

Table F-5
Groundwater - Metals (Dissolved Total)

Groundwater - Metals (Dissolved & Total)				Manganese, Dissolved (µg/L)	Manganese, Total (µg/L)	Mercury, Dissolved (mg/L)	Mercury, Total (mg/L)	Nickel, Dissolved (mg/L)	Nickel, Total (mg/L)	Potassium, Dissolved (mg/L)	Potassium, Total (mg/L)	Selenium, Dissolved (mg/L)	Selenium, Total (mg/L)	Silver, Dissolved (mg/L)	Silver, Total (mg/L)
Well #	Sample Date	Sample ID													
Shallow Aquifer															
MW-1	12/12/2022	WH1-221212-		9.18	--	5E-05 U	--	0.000141	--	0.939	--	0.0005 U	--	4E-05 U	--
MW-1	2/23/2023	WH1-230223-		10.5	--	5E-05 U	--	0.000174	--	0.737	--	0.0005 U	--	4E-05 U	--
MW-1	5/22/2023	WH1-230522-		914	949	5E-05 U	--	0.000668	0.000709	1.08	1.13	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-1	8/30/2023	WH1-230830-		1090	1110	5E-05 U	5E-05 DU	0.000666	0.000811	1.31	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-4	12/12/2022	WH4-221212-		0.389	--	5E-05 U	--	0.000342	--	0.664	--	0.0005 U	--	4E-05 U	--
MW-4	2/22/2023	WH4-230222-		0.289	--	5E-05 DU	--	0.0001 U	--	0.625	--	0.0005 U	--	4E-05 U	--
MW-4	5/22/2023	WH4-230522-		0.256	4.35	5E-05 U	--	0.0001 U	0.000193	0.606	0.646	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-4	8/30/2023	WH4-230830-		0.367	2.95	5E-05 U	5E-05 DU	0.000211	0.000161	0.665	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-6	12/12/2022	WH6-221212-		1.51	--	5E-05 U	--	0.000136	--	0.668	--	0.0005 U	--	4E-05 U	--
MW-6	2/23/2023	WH6-230223-		0.513	--	5E-05 U	--	0.000212	--	0.71	--	0.0005 U	--	4E-05 U	--
MW-6	5/22/2023	WH6-230522-		3.42	12.7	5E-05 U	--	0.000138	0.0003	0.678	0.71	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-6	9/1/2023	WH6-230901-		0.409	7.77	5E-05 U	5E-05 DU	0.000262	0.000306	0.705	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-10	12/12/2022	WH10221212-		408	--	5E-05 U	--	0.000445	--	1.14	--	0.0005 U	--	4E-05 U	--
MW-10	2/22/2023	WH10230222-		326	--	5E-05 DU	--	0.000448	--	1.01	--	0.0005 U	--	4E-05 U	--
MW-10	5/23/2023	WH10230523-		269	277	5E-05 U	--	0.000338	0.000362	0.958	0.975	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-10	8/31/2023	WH10230831-		365	366	5E-05 U	5E-05 DU	0.000505	0.00052	1.09	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-11	12/12/2022	WH11221212-		0.183	--	5E-05 U	--	0.0001 U	--	0.413	--	0.0005 U	--	4E-05 U	--
MW-11	2/22/2023	WH11230222-		0.147	--	5E-05 DU	--	0.000109	--	0.398	--	0.0005 U	--	4E-05 U	--
MW-11	2/22/2023	WH11230222D		0.13	--	5E-05 DU	--	0.000107	--	0.394	--	0.0005 U	--	4E-05 U	--
MW-11	5/22/2023	WH11230522-		0.114	0.402	5E-05 U	--	0.000102	0.0001 U	0.382	0.364	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-11	8/31/2023	WH11230831-		0.1 U	0.664	5E-05 U	5E-05 DU	0.00018	0.00018	0.473	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-18	12/13/2022	WH18221213-		0.383	--	5E-05 U	--	0.000195	--	0.642	--	0.0005 U	--	4E-05 U	--
MW-18	2/22/2023	WH18230222-		0.853	--	5E-05 DU	--	0.000115	--	0.608	--	0.0005 U	--	4E-05 U	--
MW-18	5/22/2023	WH18230522-		0.93	2.06	5E-05 U	--	0.000119	0.000137	0.566	0.539	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-18	8/31/2023	WH18230831Z*		--	--	--	--	--	--	--	--	--	--	--	--
MW-26	12/13/2022	WH26221213-		1.86	--	5E-05 U	--	0.000145	--	0.538	--	0.0005 U	--	4E-05 U	--
MW-26	2/22/2023	WH26230222-		1.29	--	5E-05 DU	--	0.000171	--	0.45	--	0.0005 U	--	4E-05 U	--
MW-26	5/22/2023	WH26230522-		1.22	1.68	5E-05 U	--	0.000143	0.000193	0.484	0.454	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-26	8/31/2023	WH26230831-		1.38	1.81	5E-05 U	5E-05 DU	0.000167	0.000224	0.531	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U
Deep Aquifer															
MW-3	12/12/2022	WH3-221212-		68.1	--	5E-05 U	--	0.000156	--	0.806	--	0.0005 U	--	4E-05 U	--
MW-3	2/22/2023	WH3-230222-		70.9	--	5E-05 DU	--	0.0001 U	--	0.785	--	0.0005 U	--	4E-05 U	--
MW-3	5/22/2023	WH3-230522-		69.1	66.6	5E-05 U	--	0.0001 U	0.0001 U	0.798	0.827	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-3	8/30/2023	WH3-230830-		69.9	70.5	5E-05 U	5E-05 DU	0.0001 U	0.000114	0.833	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-7	12/12/2022	WH7-221212-		0.1 U	--	5E-05 U	--	0.000291	--	0.938	--	0.0005 U	--	4E-05 U	--
MW-7	2/23/2023	WH7-230223-		0.1 U	--	5E-05 U	--	0.00017	--	0.972	--	0.0005 U	--	4E-05 U	--
MW-7	5/22/2023	WH7-230522-		0.1 U	0.263	5E-05 U	--	0.000193	0.000179	0.948	1	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-7	8/30/2023	WH7-230830-		0.218	0.943	5E-05 U	5E-05 DU	0.000181	0.00018	0.978	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-25	12/12/2022	WH25221212-		0.11	--	5E-05 U	--	0.000127	--	0.551	--	0.0005 U	--	4E-05 U	--
MW-25	12/12/2022	WH25221212D		0.1 U	--	5E-05 U	--	0.0001 U	--	0.548	--	0.0005 U	--	4E-05 U	--
MW-25	2/22/2023	WH25230222-		0.1 U	--	5E-05 DU	--	0.0001 U	--	0.528	--	0.0005 U	--	4E-05 U	--
MW-25	5/22/2023	WH25230522-		0.1 U	0.1 U	5E-05 U	--	0.0001 U	0.0001 U	0.537	0.517	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-25	5/22/2023	WH25230522D		0.1 U	0.107	5E-05 U	--	0.0001 U	0.0001 U	0.539	0.51	0.0005 U	0.0005 U	4E-05 U	4E-05 U
MW-25	8/31/2023	WH25230831-		0.1 U	0.281	5E-05 U	5E-05 DU	0.0001 U	0.0001 U	0.569	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U
Field Blanks															
FIELD BLANK	9/1/2023	WH6-230901F		0.1 U	0.1 U	5E-05 U	5E-05 DU	0.0001 U	0.0001 U	0.1 U	--	0.0005 U	0.0005 U	4E-05 U	4E-05 U

Notes:

-- = parameter is not sampled for

*Insufficient water to collect a sample.

Table F-5
Groundwater - Metals (Dissolved Total)

Groundwater - Metals (Dissolved & Total)			Sodium, Dissolved (mg/L)	Sodium, Total (mg/L)	Thallium, Dissolved (mg/L)	Thallium, Total (mg/L)	Vanadium, Dissolved (mg/L)	Vanadium, Total (mg/L)	Zinc, Dissolved (mg/L)	Zinc, Total (mg/L)
Well #	Sample Date	Sample ID								
			Shallow Aquifer							
MW-1	12/12/2022	WH1-221212-	1.45	--	7.5E-05 U	--	0.000124	--	0.00104	--
MW-1	2/23/2023	WH1-230223-	1.22	--	7.5E-05 U	--	0.000315	--	0.0005 U	--
MW-1	5/22/2023	WH1-230522-	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-	2.57	--	7.5E-05 U	7.5E-05 U	0.000158	0.000298	0.0005 U	0.0005 U
MW-4	12/12/2022	WH4-221212-	2.88	--	7.5E-05 U	--	0.000167	--	0.0015	--
MW-4	2/22/2023	WH4-230222-	3.02	--	7.5E-05 U	--	0.000174	--	0.0005 U	--
MW-4	5/22/2023	WH4-230522-	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-	3	--	7.5E-05 U	7.5E-05 U	0.00029	0.000281	0.0005 U	0.0005 U
MW-6	12/12/2022	WH6-221212-	3.76	--	7.5E-05 U	--	0.00147	--	0.0005 U	--
MW-6	2/23/2023	WH6-230223-	3.81	--	7.5E-05 U	--	0.00173	--	0.0005 U	--
MW-6	5/22/2023	WH6-230522-	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-	4.12	--	7.5E-05 U	7.5E-05 U	0.00161	0.00146	0.0005 U	0.0005 U
MW-10	12/12/2022	WH10221212-	1.82	--	7.5E-05 U	--	0.000138	--	0.00123	--
MW-10	2/22/2023	WH10230222-	1.66	--	7.5E-05 U	--	0.000114	--	0.00119	--
MW-10	5/23/2023	WH10230523-	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-	1.92	--	7.5E-05 U	7.5E-05 U	0.000161	8.16E-05	0.00116	0.00132
MW-11	12/12/2022	WH11221212-	3.29	--	7.5E-05 U	--	0.000269	--	0.0005 U	--
MW-11	2/22/2023	WH11230222-	3.55	--	7.5E-05 U	--	0.000296	--	0.0005 U	--
MW-11	2/22/2023	WH11230222D	3.47	--	7.5E-05 U	--	0.000311	--	0.0005 U	--
MW-11	5/22/2023	WH11230522-	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-	3.82	--	7.5E-05 U	7.5E-05 U	0.000529	0.000375	0.0005 U	0.0005 U
MW-18	12/13/2022	WH18221213-	2.83	--	7.5E-05 U	--	0.000216	--	0.0005 U	--
MW-18	2/22/2023	WH18230222-	3.15	--	7.5E-05 U	--	0.00017	--	0.0005 U	--
MW-18	5/22/2023	WH18230522-	3.06	3.17	7.5E-05 U	7.5E-05 U	0.000156	0.000243	0.0005 U	0.0005 U
MW-18	8/31/2023	WH18230831Z*	--	--	--	--	--	--	--	--
MW-26	12/13/2022	WH26221213-	3.34	--	7.5E-05 U	--	0.00028	--	0.00172	--
MW-26	2/22/2023	WH26230222-	3.11	--	7.5E-05 U	--	0.0002	--	0.000687	--
MW-26	5/22/2023	WH26230522-	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-	3.48	--	7.5E-05 U	7.5E-05 U	0.000293	0.000254	0.0005 U	0.000541
			Deep Aquifer							
MW-3	12/12/2022	WH3-221212-	10.3	--	7.5E-05 U	--	0.00162	--	0.000746	--
MW-3	2/22/2023	WH3-230222-	11.1	--	7.5E-05 U	--	0.00168	--	0.0005 U	--
MW-3	5/22/2023	WH3-230522-	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-	11	--	7.5E-05 U	7.5E-05 U	0.00178	0.00166	0.0005 U	0.0005 U
MW-7	12/12/2022	WH7-221212-	7.68	--	7.5E-05 U	--	0.0023	--	0.0005 U	--
MW-7	2/23/2023	WH7-230223-	7.77	--	7.5E-05 U	--	0.00232	--	0.0005 U	--
MW-7	5/22/2023	WH7-230522-	8.04	8.33	7.5E-05 U	7.5E-05 U	0.00214	0.00216	0.0005 U	0.0005 U
MW-7	8/30/2023	WH7-230830-	8.09	--	7.5E-05 U	7.5E-05 U	0.00238	0.00238	0.0005 U	0.0005 U
MW-25	12/12/2022	WH25221212-	5.57	--	7.5E-05 U	--	0.0029	--	0.000504	--
MW-25	12/12/2022	WH25221212D	5.55	--	7.5E-05 U	--	0.00291	--	0.0005 U	--
MW-25	2/22/2023	WH25230222-	5.76	--	7.5E-05 U	--	0.00291	--	0.0005 U	--
MW-25	5/22/2023	WH25230522-	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	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-	5.93	--	7.5E-05 U	7.5E-05 U	0.00297	0.00286	0.0005 U	0.0005 U
			Field Blanks							
FIELD BLANK	9/1/2023	WH6-230901F	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 is not sampled for

*Insufficient water to collect a sample.

Table F-6
Groundwater - Volatile Organic Compounds

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	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloropro-pane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane
CAS #			630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5
Well #	Sample Date	Sample ID	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
			Shallow Aquifer											
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
MW-18	8/31/2023	WH18230831Z*	--	--	--	--	--	--	--	--	--	--	--	--
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
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
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
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
			Deep Aquifer											
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
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
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
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
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
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
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
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
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
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
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
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
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
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
			Field Blanks											
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

Notes:

-- = parameter is not sampled for

*Insufficient water to collect a sample

Table F-6
Groundwater - Volatile Organic Compounds

Groundwater - Volatile Organic Compounds			1,4-Dichloro- benzene	2-Butanone	2- Hexanone	4-Methyl-2- Pentanone	Acetone	Acrylo- nitrile	Benzene	Bromochloro- methane	Bromo- dichloro- methane	Bromoform	Bromo- methane	Carbon Disulfide
CAS #			106-46-7	78-93-3	591-78-6	108-10-1	67-64-1	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0
Well #	Sample Date	Sample ID	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
			Shallow Aquifer											
MW-1	12/12/2022	WH1-221212-	0.1 U	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
MW-1	2/23/2023	WH1-230223-	0.1 U	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
MW-1	5/22/2023	WH1-230522-	0.1 U	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
MW-1	8/30/2023	WH1-230830-	0.1 U	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
MW-4	12/12/2022	WH4-221212-	0.1 U	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
MW-4	2/22/2023	WH4-230222-	0.1 U	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
MW-4	5/22/2023	WH4-230522-	0.1 U	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
MW-4	8/30/2023	WH4-230830-	0.1 U	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
MW-6	12/12/2022	WH6-221212-	0.1 U	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
MW-6	2/23/2023	WH6-230223-	0.1 U	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
MW-6	5/22/2023	WH6-230522-	0.1 U	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
MW-6	9/1/2023	WH6-230901-	0.1 U	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
MW-10	12/12/2022	WH10221212-	0.1 U	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
MW-10	2/22/2023	WH10230222-	0.1 U	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
MW-10	5/23/2023	WH10230523-	0.1 U	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
MW-10	8/31/2023	WH10230831-	0.1 U	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
MW-11	12/12/2022	WH11221212-	0.1 U	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
MW-11	2/22/2023	WH11230222-	0.1 U	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
MW-11	2/22/2023	WH11230222D	0.1 U	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
MW-11	5/22/2023	WH11230522-	0.1 U	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
MW-11	8/31/2023	WH11230831-	0.1 U	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
MW-18	12/13/2022	WH18221213-	0.1 U	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
MW-18	2/22/2023	WH18230222-	0.1 U	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
MW-18	5/22/2023	WH18230522-	0.1 U	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
MW-18	8/31/2023	WH18230831Z*	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	12/13/2022	WH26221213-	0.1 U	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
MW-26	2/22/2023	WH26230222-	0.1 U	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
MW-26	5/22/2023	WH26230522-	0.1 U	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
MW-26	8/31/2023	WH26230831-	0.1 U	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
			Deep Aquifer											
MW-3	12/12/2022	WH3-221212-	0.1 U	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
MW-3	2/22/2023	WH3-230222-	0.1 U	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
MW-3	5/22/2023	WH3-230522-	0.1 U	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
MW-3	8/30/2023	WH3-230830-	0.1 U	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
MW-7	12/12/2022	WH7-221212-	0.1 U	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
MW-7	2/23/2023	WH7-230223-	0.1 U	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
MW-7	5/22/2023	WH7-230522-	0.1 U	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
MW-7	8/30/2023	WH7-230830-	0.1 U	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
MW-25	12/12/2022	WH25221212-	0.1 U	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
MW-25	12/12/2022	WH25221212D	0.1 U	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
MW-25	2/22/2023	WH25230222-	0.1 U	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
MW-25	5/22/2023	WH25230522-	0.1 U	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
MW-25	5/22/2023	WH25230522D	0.1 U	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
MW-25	8/31/2023	WH25230831-	0.1 U	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
			Field Blanks											
FIELD BLANK	9/1/2023	WH6-230901F	0.1 U	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

Notes:

-- = parameter is not sampled for

*Insufficient water to collect a sample

Table F-6
Groundwater - Volatile Organic Compounds

Groundwater - Volatile Organic Compounds			Carbon Tetra- chloride	Chloro- benzene	Chloro- dibromo- methane	Chloro- ethane	Chloroform	Chloro- methane	Cis-1-2- Dichloro- ethene	Cis-1,3- Dichloro- propene	Dibromo- methane	Dichloro- difluoro- methane	Ethyl- benzene	M & P Xylene
CAS #			56-23-5	108-90-7	124-48-1	75-00-3	67-66-3	74-87-3	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX
Well #	Sample Date	Sample ID	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
			Shallow Aquifer											
MW-1	12/12/2022	WH1-221212-	0.25 U	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-18	8/31/2023	WH18230831Z*	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	12/13/2022	WH26221213-	0.25 U	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U
MW-26	8/31/2023	WH26230831-	0.25 U	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U
			Deep Aquifer											
MW-3	12/12/2022	WH3-221212-	0.25 U	0.1 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
MW-3	2/22/2023	WH3-230222-	0.25 U	0.1 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
MW-3	5/22/2023	WH3-230522-	0.25 U	0.1 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
MW-3	8/30/2023	WH3-230830-	0.25 U	0.1 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
MW-7	12/12/2022	WH7-221212-	0.25 U	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 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	0.5 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
MW-25	12/12/2022	WH25221212D	0.25 U	0.1 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
MW-25	2/22/2023	WH25230222-	0.25 U	0.1 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
MW-25	5/22/2023	WH25230522-	0.25 U	0.1 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
MW-25	5/22/2023	WH25230522D	0.25 U	0.1 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
MW-25	8/31/2023	WH25230831-	0.25 U	0.1 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
			Field Blanks											
FIELD BLANK	9/1/2023	WH6-230901F	0.25 U	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	0.1 U	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U

Notes:

-- = parameter is not sampled for

*Insufficient water to collect a sample

Table F-6
Groundwater - Volatile Organic Compounds

Groundwater - Volatile Organic Compounds			Methyl Iodide	Methylene Chloride	O-Xylene	Styrene	Tetra-chloroethene	Toluene	Trans-1-2-Dichloro-ethene	Trans-1-3-Dichloro-propene	Trans-1-4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
CAS #			74-88-4	75-09-2	95-47-6	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	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
			Shallow Aquifer												
MW-1	12/12/2022	WH1-221212-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	2.5 U	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	12/12/2022	WH4-221212-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	2.5 U	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	12/12/2022	WH6-221212-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	2.5 U	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	12/12/2022	WH10221212-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	2.5 U	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	12/12/2022	WH11221212-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	2.5 U	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	12/13/2022	WH18221213-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	8/31/2023	WH18230831Z*	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	12/13/2022	WH26221213-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	8/31/2023	WH26230831-	0.1 U	2.5 U	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	12/12/2022	WH3-221212-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	2.5 U	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	12/12/2022	WH7-221212-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	2.5 U	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	12/12/2022	WH25221212-	0.1 U	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	0.1 U	0.1 U	0.1 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	2.5 U	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	2.5 U	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	2.5 U	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	9/1/2023	WH6-230901F	0.1 U	2.5 U	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 is not sampled for

*Insufficient water to collect a sample

Table F-7
Groundwater - Volatile Organic Compounds Trip Blanks

Groundwater - Volatile Organic Compounds Trip Blanks			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	1,2,3-Trichloro-propane	1,2-Dibromo-3-Chloro-propane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane	1,2-Dichloro-propane	1,4-Dichloro-benzene	2-Butanone
CAS #			630-20-6	71-55-6	79-34-5	79-00-5	75-34-3	75-35-4	96-18-4	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	106-46-7	78-93-3
Site ID	Sample Date	Sample ID	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
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	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	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	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	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	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	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	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	0.5 U
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	0.5 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	0.5 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	0.5 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	0.5 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	0.5 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	0.5 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	0.5 U

Groundwater - Volatile Organic Compounds Trip Blanks			2-Hexanone	4-Methyl-2-Pentanone	Acetone	Acrylonitrile	Benzene	Bromo-chloro-methane	Bromo-dichloro-methane	Bromoform	Bromo-methane	Carbon Disulfide	Carbon Tetrachloride	Chloro-benzene	Chloro-dibromo-methane	Chloro-ethane
CAS #			591-78-6	108-10-1	67-64-1	107-13-1	71-43-2	74-97-5	75-27-4	75-25-2	74-83-9	75-15-0	56-23-5	108-90-7	124-48-1	75-00-3
Site ID	Sample Date	Sample ID	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
VOA TRIP BLANK	12/8/2022	VTRP221212X	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	12/8/2022	VTRP221212Y	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	12/8/2022	VTRP221212Z	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	12/12/2022	VTRP221213Y	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2/21/2023	VTRP230222Y	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2/21/2023	VTRP230222Z	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	2/22/2023	VTRP230223Y	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	5/17/2023	VTRP230522X	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	5/18/2023	VTRP230522Y	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	5/18/2023	VTRP230522Z	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	5/22/2023	VTRP230523Y	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	8/29/2023	VTRP230830Z	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	8/29/2023	VTRP230831Z	=S16	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	8/30/2023	VTRP230831X	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	0.1 U	0.5 U	0.1 U
VOA TRIP BLANK	8/30/2023	VTRP230901Z	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	0.1 U	0.5 U	=AF18

Table F-7
Groundwater - Volatile Organic Compounds Trip Blanks

Groundwater - Volatile Organic Compounds Trip Blanks			Chloroform	Chloro-methane	Cis-1-2-Dichloro-ethene	Cis-1,3-Dichloro-propene	Dibromo-methane	Dichloro-difluoro-methane	Ethylbenzene	M & P Xylene	Methyl Iodide	Methylene Chloride	O-Xylene	Styrene	Tetrachloro-ethene	Toluene
CAS #			67-66-3	74-87-3	156-59-2	10061-01-5	74-95-3	75-71-8	100-41-4	MPX	74-88-4	75-09-2	95-47-6	100-42-5	127-18-4	108-88-3
Site ID	Sample Date	Sample ID	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
VOA TRIP BLANK	12/8/2022	VTRP221212X	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	12/8/2022	VTRP221212Y	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	12/8/2022	VTRP221212Z	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	12/12/2022	VTRP221213Y	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	2/21/2023	VTRP230222Y	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	2/21/2023	VTRP230222Z	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	2/22/2023	VTRP230223Y	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	5/17/2023	VTRP230522X	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	5/18/2023	VTRP230522Y	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	5/18/2023	VTRP230522Z	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	5/22/2023	VTRP230523Y	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	8/29/2023	VTRP230830Z	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	8/29/2023	VTRP230831Z	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	8/30/2023	VTRP230831X	0.1 U	0.25 U	0.1 U	0.25 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
VOA TRIP BLANK	8/30/2023	VTRP230901Z	0.1 U	0.25 U	0.1 U	0.25 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

Groundwater - Volatile Organic Compounds Trip Blanks			Trans-1-2-Dichloro-ethene	Trans-1-3-Dichloro-propene	Trans-1-4-Dichloro-2-Butene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl Acetate	Vinyl Chloride
CAS #			156-60-5	10061-02-6	110-57-6	79-01-6	75-69-4	108-05-4	75-01-4
Site ID	Sample Date	Sample ID	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
VOA TRIP BLANK	12/8/2022	VTRP221212X	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	0.5 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	0.5 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	0.5 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	0.5 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	0.5 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	0.5 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	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU
VOA TRIP BLANK	5/18/2023	VTRP230522Y	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	0.5 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	0.5 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	0.5 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	0.5 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	0.5 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	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U	0.01 DU

Appendix G

Ion Balance Summary and Trilinear Diagrams

Figure G-1. Shallow Aquifer Trilinear Diagrams

Fourth Quarter 2022

October 1, 2022 - December 31, 2022

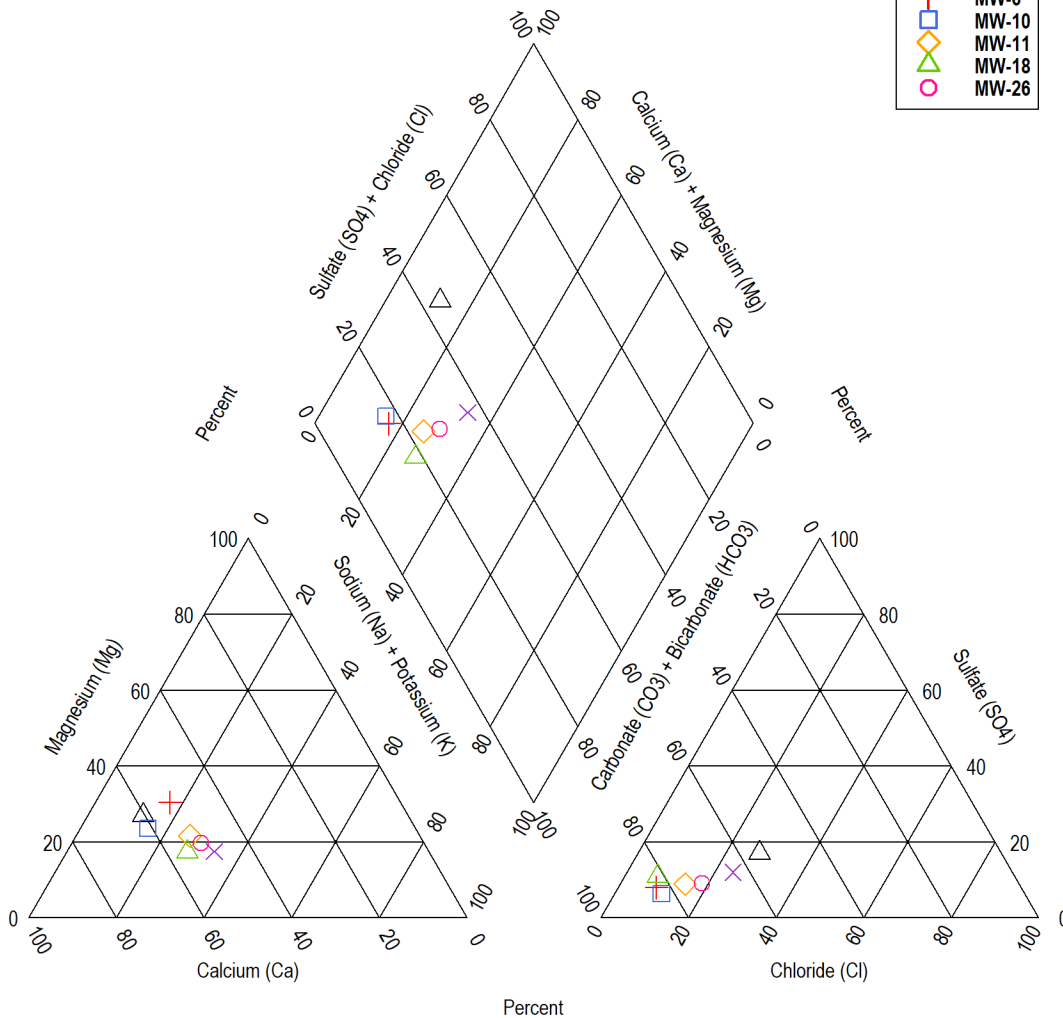
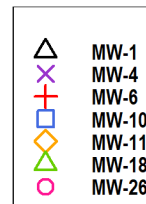


Table G-1
Shallow Aquifer: Ion Balance Summary for Groundwater
October 1, 2022 - December 31, 2022

Well # Sample Date			MW-1 12/12/2022			MW-4 12/12/2022			MW-6 12/12/2022			MW-10 12/12/2022		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		6.05			5.58			6.73			6.12		
Conductance	--		68.40			43.50			90.30			74.10		
TDS	--		61.30			37.30			74.00			55.30		
Calcium	40.1	2	8.42	0.420	60.34	4.17	0.208	48.92	11.20	0.559	52.60	8.60	0.429	49.69
Magnesium	24.3	2	2.29	0.188	27.06	0.906	0.075	17.53	3.92	0.323	30.36	2.02	0.166	19.25
Potassium	39.1	1	0.939	0.024	3.45	0.664	0.017	3.99	0.668	0.017	1.61	1.14	0.029	3.38
Sodium	23.0	1	1.45	0.063	9.06	2.88	0.125	29.45	3.76	0.164	15.40	1.82	0.079	9.17
Iron	55.8	2	0.005	0.000	0.026	0.011	0.000	0.096	0.005	0.000	0.017	3.72	0.133	15.42
Manganese	54.9	2	0.009	0.000	0.048	0.000	0.000	0.003	0.002	0.000	0.005	0.408	0.015	1.72
Ammonia-N	14.0	1	0.001	0.000	0.010	0.001	0.000	0.017	0.001	0.000	0.007	0.167	0.012	1.38
Total Cations (meq/L)			0.696			0.425			1.06			0.864		
Anion Parameters	Molecular Weight (g/mol)	n												
Alkalinity, Total	--		11.50			10.80			42.50			36.30		
Carbonate	60.0	2	0.001	0.000	0.004	0.000	0.000	0.002	0.014	0.000	0.044	0.003	0.000	0.011
Bicarbonate	61.0	1	14.03	0.230	34.99	13.18	0.216	53.52	51.82	0.849	82.45	44.28	0.726	82.83
Chloride	35.5	1	4.08	0.115	17.52	2.91	0.082	20.35	3.16	0.089	8.65	3.34	0.094	10.75
Nitrate-N	14.0	1	3.37	0.241	36.62	0.905	0.065	16.01	0.125	0.009	0.866	0.005	0.000	0.041
Sulfate	96.1	2	3.43	0.071	10.87	1.96	0.041	10.11	3.95	0.082	7.98	2.68	0.056	6.37
Total Anions (meq/L)			0.657			0.403			1.03			0.876		
Total Ions (meq/L)			1.35			0.829			2.09			1.74		
Cation/Anion Ratio			1.06			1.05			1.03			0.986		
Percent Difference			2.90			2.65			1.54			-0.721		

Table G-1 (continued)
Shallow Aquifer: Ion Balance Summary for Groundwater
October 1, 2022 - December 31, 2022

Well # Sample Date			MW-11 12/12/2022			MW-18 12/13/2022			MW-26 12/13/2022		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		5.84			5.66			5.77		
Conductance	--		54.20			44.60			52.90		
TDS	--		47.30			39.30			39.30		
Calcium	40.1	2	6.22	0.310	52.37	5.61	0.280	55.13	5.53	0.276	50.81
Magnesium	24.3	2	1.56	0.128	21.66	1.07	0.088	17.34	1.31	0.108	19.85
Potassium	39.1	1	0.413	0.011	1.78	0.642	0.016	3.23	0.538	0.014	2.53
Sodium	23.0	1	3.29	0.143	24.15	2.83	0.123	24.24	3.34	0.145	26.75
Iron	55.8	2	0.005	0.000	0.030	0.005	0.000	0.035	0.005	0.000	0.033
Manganese	54.9	2	0.000	0.000	0.001	0.000	0.000	0.003	0.002	0.000	0.012
Ammonia-N	14.0	1	0.001	0.000	0.012	0.001	0.000	0.014	0.001	0.000	0.013
Total Cations (meq/L)			0.593			0.508			0.543		
Anion Parameters	Molecular Weight (g/mol)	n									
Alkalinity, Total	--		20.60			18.80			15.00		
Carbonate	60.0	2	0.001	0.000	0.005	0.001	0.000	0.004	0.001	0.000	0.003
Bicarbonate	61.0	1	25.13	0.412	72.82	22.93	0.376	80.19	18.30	0.300	57.92
Chloride	35.5	1	2.83	0.080	14.11	1.23	0.035	7.40	2.73	0.077	14.87
Nitrate-N	14.0	1	0.358	0.026	4.52	0.106	0.008	1.61	1.44	0.103	19.85
Sulfate	96.1	2	2.32	0.048	8.54	2.43	0.051	10.79	1.83	0.038	7.36
Total Anions (meq/L)			0.566			0.469			0.518		
Total Ions (meq/L)			1.16			0.977			1.06		
Cation/Anion Ratio			1.05			1.08			1.05		
Percent Difference			2.34			3.99			2.38		

Figure G-2. Deep Aquifer Trilinear Diagrams

Fourth Quarter 2022

October 1, 2022 - December 31, 2022

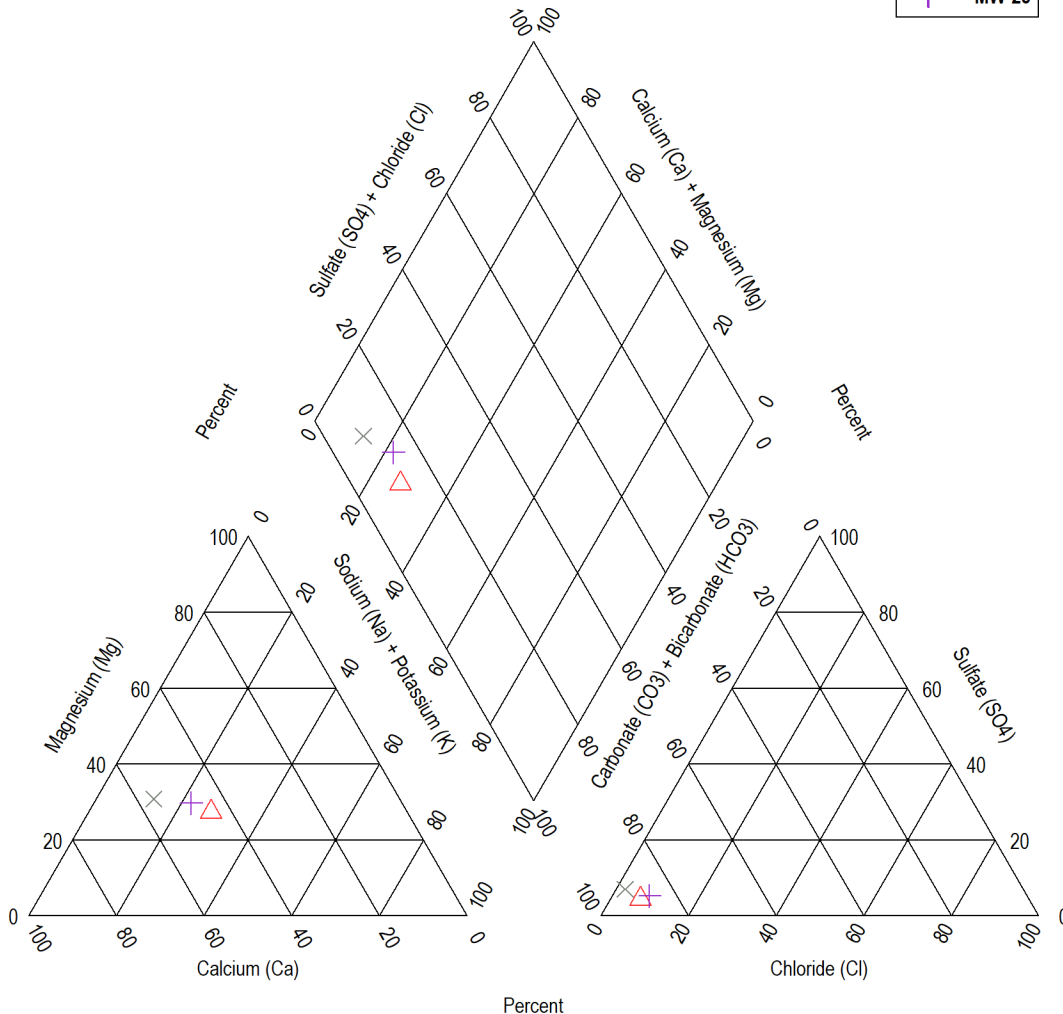
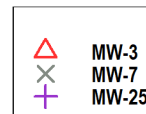


Table G-2
Deep Aquifer: Ion Balance Summary for Groundwater
October 1, 2022 - December 31, 2022

Well # Sample Date			MW-3 12/12/2022			MW-7 12/12/2022			MW-25 12/12/2022		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		7.34			7.69			7.81		
Conductance	--		146.30			221.20			98.20		
TDS	--		101.00			154.00			74.70		
Calcium	40.1	2	15.10	0.753	44.69	30.80	1.54	56.03	11.20	0.559	48.10
Magnesium	24.3	2	5.60	0.461	27.33	10.30	0.848	30.90	4.21	0.346	29.82
Potassium	39.1	1	0.806	0.021	1.22	0.938	0.024	0.875	0.551	0.014	1.21
Sodium	23.0	1	10.30	0.448	26.57	7.68	0.334	12.18	5.57	0.242	20.85
Iron	55.8	2	0.012	0.000	0.025	0.005	0.000	0.007	0.005	0.000	0.015
Manganese	54.9	2	0.068	0.002	0.147	0.000	0.000	0.000	0.000	0.000	0.000
Ammonia-N	14.0	1	0.002	0.000	0.009	0.001	0.000	0.003	0.001	0.000	0.006
Total Cations (meq/L)			1.69			2.74			1.16		
Anion Parameters	Molecular Weight (g/mol)	n									
Alkalinity, Total	--		71.60			121.00			48.00		
Carbonate	60.0	2	0.094	0.003	0.194	0.355	0.012	0.444	0.185	0.006	0.548
Bicarbonate	61.0	1	87.16	1.43	88.47	146.90	2.41	90.39	58.18	0.954	84.69
Chloride	35.5	1	3.90	0.110	6.81	1.98	0.056	2.10	3.39	0.096	8.49
Nitrate-N	14.0	1	0.005	0.000	0.022	0.012	0.001	0.032	0.170	0.012	1.08
Sulfate	96.1	2	3.49	0.073	4.50	9.00	0.187	7.03	2.81	0.059	5.20
Total Anions (meq/L)			1.61			2.66			1.13		
Total Ions (meq/L)			3.30			5.41			2.29		
Cation/Anion Ratio			1.04			1.03			1.03		
Percent Difference			2.16			1.47			1.57		

Figure G-3. Shallow Aquifer Trilinear Diagrams

First Quarter 2023

January 1, 2023 - March 31, 2023

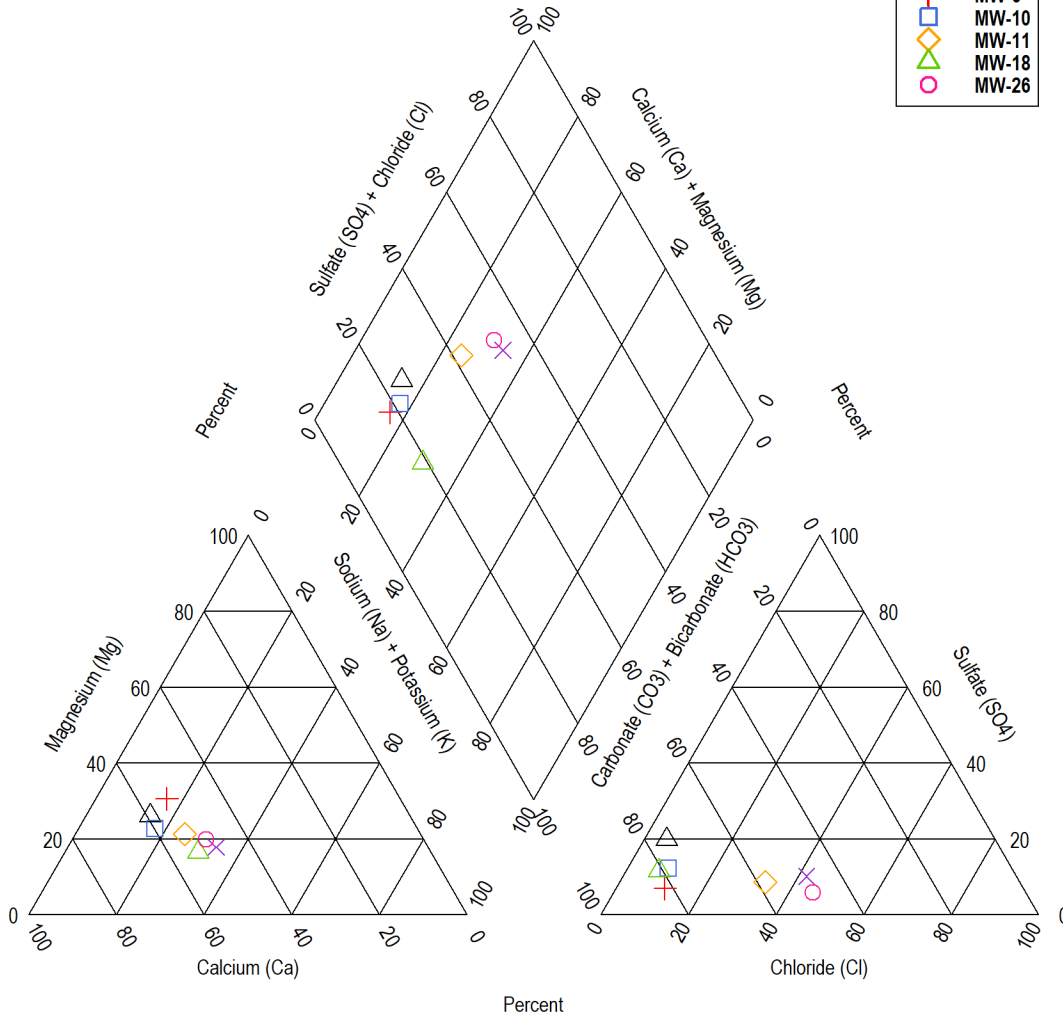
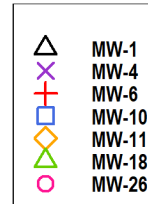


Table G-3
Shallow Aquifer: Ion Balance Summary for Groundwater
January 1, 2023 - March 31, 2023

Well # Sample Date			MW-1 2/23/2023			MW-4 2/22/2023			MW-6 2/23/2023			MW-10 2/22/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		5.91			5.63			6.70			6.29		
Conductance	--		48.50			46.20			94.30			61.80		
TDS	--		40.00			43.30			78.00			52.70		
Calcium	40.1	2	5.86	0.292	59.17	4.23	0.211	48.31	12.10	0.604	53.23	6.78	0.338	49.15
Magnesium	24.3	2	1.57	0.129	26.14	0.951	0.078	17.91	4.21	0.346	30.54	1.56	0.128	18.65
Potassium	39.1	1	0.737	0.019	3.82	0.625	0.016	3.66	0.710	0.018	1.60	1.01	0.026	3.75
Sodium	23.0	1	1.22	0.053	10.74	3.02	0.131	30.07	3.81	0.166	14.61	1.66	0.072	10.49
Iron	55.8	2	0.005	0.000	0.036	0.005	0.000	0.041	0.005	0.000	0.016	2.82	0.101	14.67
Manganese	54.9	2	0.011	0.000	0.077	0.000	0.000	0.002	0.001	0.000	0.002	0.326	0.012	1.72
Ammonia-N	14.0	1	0.001	0.000	0.014	0.001	0.000	0.016	0.001	0.000	0.006	0.151	0.011	1.57
Total Cations (meq/L)			0.494			0.437			1.13			0.688		
Anion Parameters	Molecular Weight (g/mol)	n												
Alkalinity, Total	--		15.80			9.34			45.10			23.40		
Carbonate	60.0	2	0.001	0.000	0.005	0.000	0.000	0.002	0.014	0.000	0.040	0.003	0.000	0.015
Bicarbonate	61.0	1	19.27	0.316	65.43	11.39	0.187	41.66	54.99	0.901	80.44	28.54	0.468	78.19
Chloride	35.5	1	0.772	0.022	4.51	5.80	0.164	36.50	4.40	0.124	11.08	1.98	0.056	9.34
Nitrate-N	14.0	1	0.857	0.061	12.67	0.814	0.058	12.96	0.254	0.018	1.62	0.015	0.001	0.179
Sulfate	96.1	2	4.03	0.084	17.38	1.91	0.040	8.87	3.67	0.076	6.82	3.53	0.073	12.28
Total Anions (meq/L)			0.483			0.448			1.12			0.598		
Total Ions (meq/L)			0.977			0.885			2.25			1.29		
Cation/Anion Ratio			1.02			0.975			1.01			1.15		
Percent Difference			1.16			-1.277			0.617			7.00		

Table G-3 (continued)
Shallow Aquifer: Ion Balance Summary for Groundwater
January 1, 2023 - March 31, 2023

Well # Sample Date			MW-11 5/22/2023			MW-18 5/22/2023			MW-26 5/22/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		6.14			6.05			5.66		
Conductance	--		65.30			45.30			48.80		
TDS	--		52.00			45.30			42.70		
Calcium	40.1	2	7.13	0.356	53.73	5.35	0.267	53.08	4.82	0.241	49.62
Magnesium	24.3	2	1.72	0.142	21.37	1.01	0.083	16.53	1.18	0.097	20.03
Potassium	39.1	1	0.398	0.010	1.54	0.608	0.016	3.09	0.450	0.012	2.37
Sodium	23.0	1	3.55	0.154	23.32	3.15	0.137	27.24	3.11	0.135	27.91
Iron	55.8	2	0.005	0.000	0.027	0.005	0.000	0.036	0.005	0.000	0.037
Manganese	54.9	2	0.000	0.000	0.001	0.001	0.000	0.006	0.001	0.000	0.010
Ammonia-N	14.0	1	0.001	0.000	0.011	0.001	0.000	0.014	0.001	0.000	0.015
Total Cations (meq/L)				0.662			0.503			0.485	
Anion Parameters	Molecular Weight (g/mol)	n									
Alkalinity, Total	--		17.70			19.60			10.50		
Carbonate	60.0	2	0.001	0.000	0.007	0.001	0.000	0.009	0.000	0.000	0.002
Bicarbonate	61.0	1	21.59	0.354	53.96	23.91	0.392	80.61	12.81	0.210	41.33
Chloride	35.5	1	7.19	0.203	30.93	1.28	0.036	7.43	6.94	0.196	38.54
Nitrate-N	14.0	1	0.644	0.046	7.01	0.024	0.002	0.352	1.07	0.076	15.04
Sulfate	96.1	2	2.55	0.053	8.10	2.71	0.056	11.61	1.24	0.026	5.08
Total Anions (meq/L)				0.656			0.486			0.508	
Total Ions (meq/L)				1.32			0.989			0.993	
Cation/Anion Ratio				1.01			1.03			0.954	
Percent Difference				0.483			1.70			-2.340	

Figure G-4. Deep Aquifer Trilinear Diagrams

First Quarter 2023

January 1, 2023 - March 31, 2023

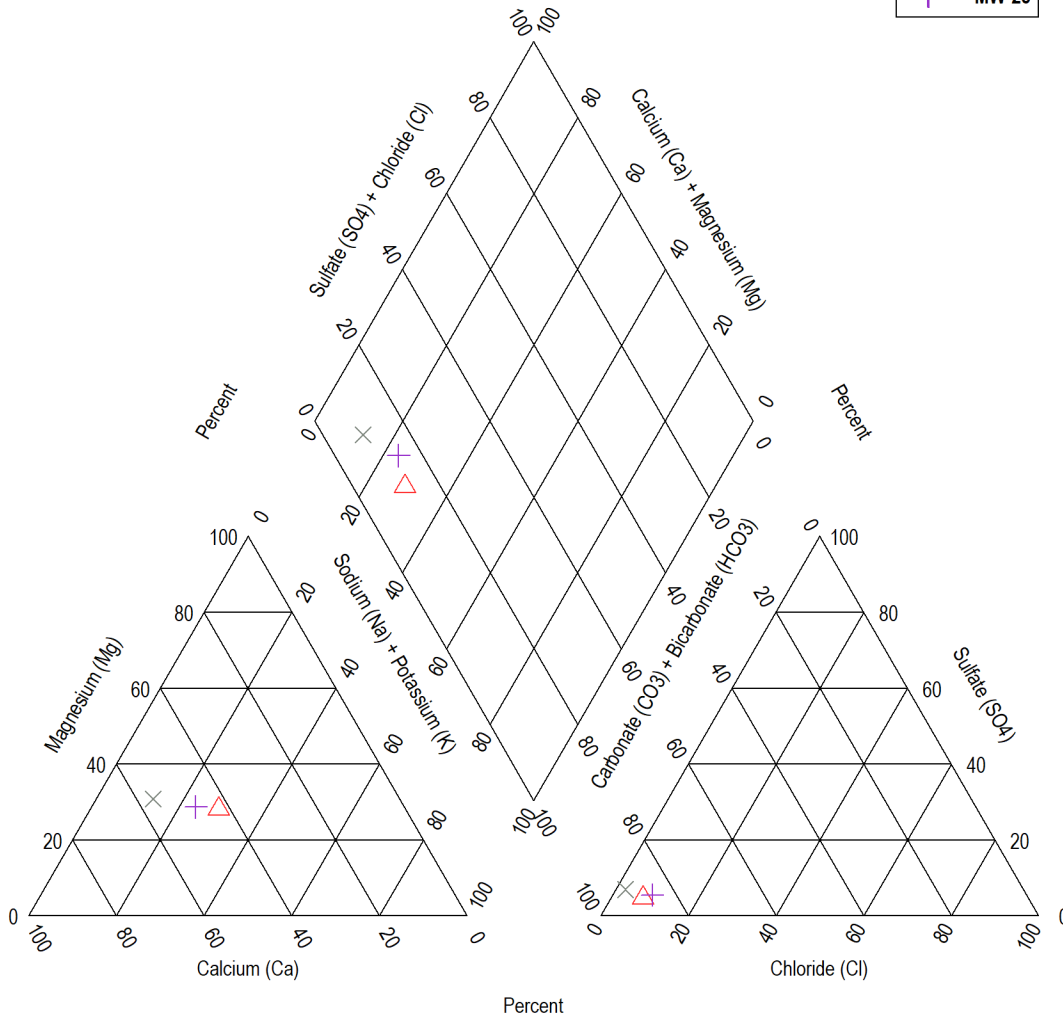
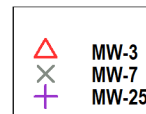


Table G-4
Deep Aquifer: Ion Balance Summary for Groundwater
January 1, 2023 - March 31, 2023

Well # Sample Date			MW-3 2/22/2023			MW-7 2/23/2023			MW-25 2/22/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		7.27			7.22			7.89		
Conductance	--		134.90			225.40			101.30		
TDS	--		99.30			159.00			86.70		
Calcium	40.1	2	14.70	0.734	42.52	31.80	1.59	56.23	10.60	0.529	47.51
Magnesium	24.3	2	5.90	0.486	28.15	10.60	0.872	30.91	3.89	0.320	28.75
Potassium	39.1	1	0.785	0.020	1.16	0.972	0.025	0.881	0.528	0.014	1.21
Sodium	23.0	1	11.10	0.483	27.99	7.77	0.338	11.98	5.76	0.251	22.50
Iron	55.8	2	0.005	0.000	0.010	0.005	0.000	0.006	0.005	0.000	0.016
Manganese	54.9	2	0.071	0.003	0.150	0.000	0.000	0.000	0.000	0.000	0.000
Ammonia-N	14.0	1	0.003	0.000	0.014	0.001	0.000	0.003	0.001	0.000	0.006
Total Cations (meq/L)			1.72			2.82			1.11		
Anion Parameters	Molecular Weight (g/mol)	n									
Alkalinity, Total	--		72.80			128.00			49.10		
Carbonate	60.0	2	0.081	0.003	0.164	0.128	0.004	0.151	0.227	0.008	0.652
Bicarbonate	61.0	1	88.65	1.45	87.84	155.90	2.56	90.60	59.44	0.974	83.82
Chloride	35.5	1	4.27	0.120	7.28	2.20	0.062	2.20	3.68	0.104	8.93
Nitrate-N	14.0	1	0.005	0.000	0.022	0.015	0.001	0.038	0.179	0.013	1.10
Sulfate	96.1	2	3.73	0.078	4.69	9.50	0.198	7.01	3.07	0.064	5.50
Total Anions (meq/L)			1.65			2.82			1.16		
Total Ions (meq/L)			3.38			5.64			2.28		
Cation/Anion Ratio			1.04			1.00			0.958		
Percent Difference			2.10			0.032			-2.150		

Figure G-5. Shallow Aquifer Trilinear Diagrams

Second Quarter 2023

April 1, 2023 - June 30, 2023

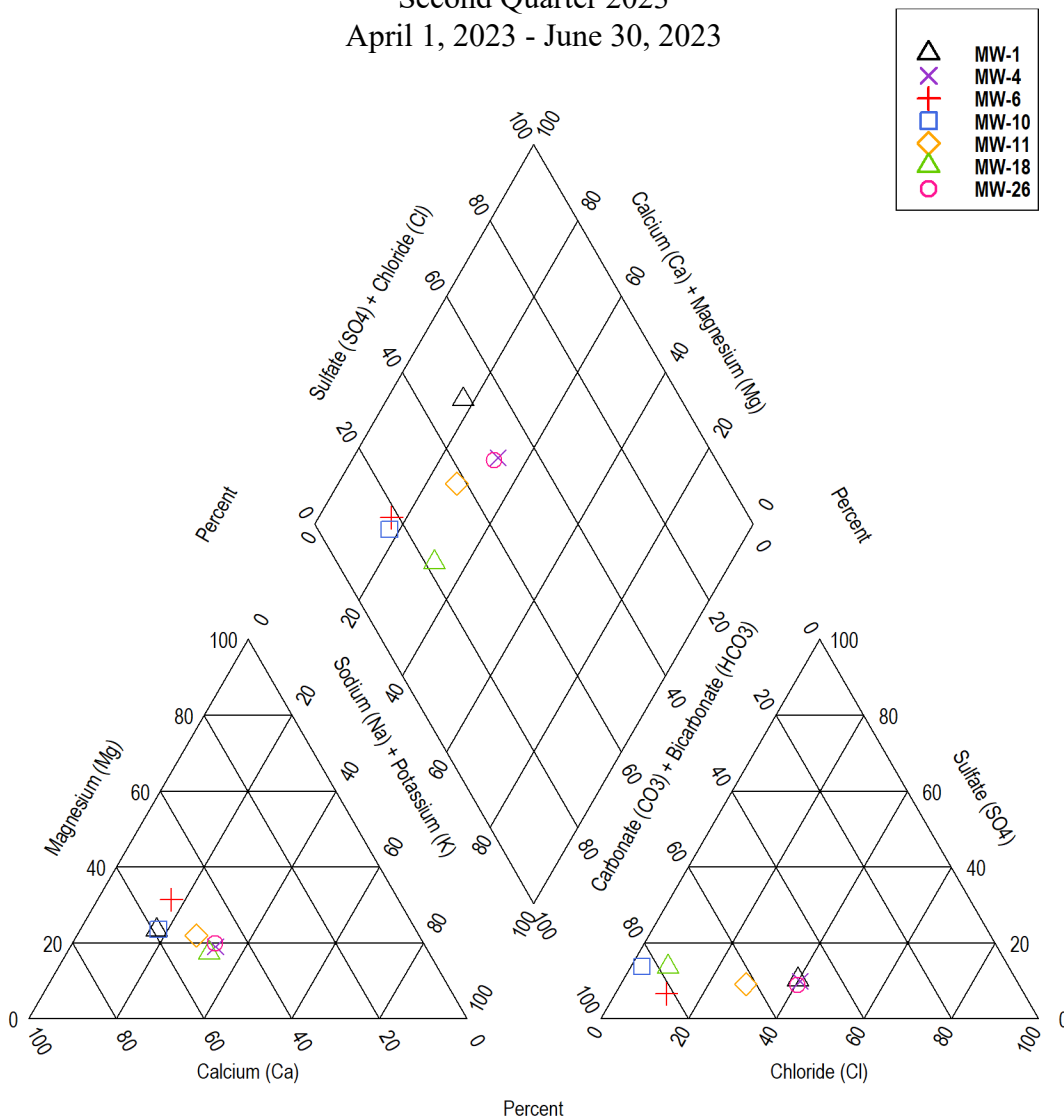


Table G-5
Shallow Aquifer: Ion Balance Summary for Groundwater
April 1, 2023 - June 30, 2023

Well # Sample Date			MW-1 5/22/2023			MW-4 5/22/2023			MW-6 5/22/2023			MW-10 5/23/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		5.23			5.24			6.36			6.06		
Conductance	--		82.20			45.90			102.80			54.60		
TDS	--		58.00			37.00			80.70			37.00		
Calcium	40.1	2	9.01	0.450	56.20	4.20	0.210	47.89	11.80	0.589	51.78	5.93	0.296	48.92
Magnesium	24.3	2	2.17	0.179	22.32	1.01	0.083	18.99	4.35	0.358	31.48	1.45	0.119	19.73
Potassium	39.1	1	1.08	0.028	3.45	0.606	0.016	3.54	0.678	0.017	1.53	0.958	0.025	4.05
Sodium	23.0	1	2.41	0.105	13.11	2.97	0.129	29.52	3.97	0.173	15.19	1.50	0.065	10.79
Iron	55.8	2	0.135	0.005	0.604	0.005	0.000	0.041	0.005	0.000	0.016	2.26	0.081	13.38
Manganese	54.9	2	0.914	0.033	4.16	0.000	0.000	0.002	0.003	0.000	0.011	0.269	0.010	1.62
Ammonia-N	14.0	1	0.017	0.001	0.153	0.001	0.000	0.016	0.001	0.000	0.006	0.129	0.009	1.52
Total Cations (meq/L)			0.800			0.438			1.14			0.605		
Anion Parameters	Molecular Weight (g/mol)	n												
Alkalinity, Total	--		19.20			9.43			45.30			23.10		
Carbonate	60.0	2	0.000	0.000	0.001	0.000	0.000	0.001	0.006	0.000	0.018	0.002	0.000	0.010
Bicarbonate	61.0	1	23.42	0.384	49.76	11.50	0.189	44.25	55.25	0.906	80.04	28.18	0.462	83.54
Chloride	35.5	1	10.90	0.307	39.86	5.48	0.155	36.28	4.59	0.129	11.44	0.510	0.014	2.60
Nitrate-N	14.0	1	0.005	0.000	0.046	0.628	0.045	10.52	0.306	0.022	1.93	0.005	0.000	0.065
Sulfate	96.1	2	3.83	0.080	10.34	1.83	0.038	8.94	3.57	0.074	6.57	3.66	0.076	13.78
Total Anions (meq/L)			0.772			0.426			1.13			0.553		
Total Ions (meq/L)			1.57			0.864			2.27			1.16		
Cation/Anion Ratio			1.04			1.03			1.01			1.09		
Percent Difference			1.81			1.34			0.252			4.50		

Table G-5 (continued)
Shallow Aquifer: Ion Balance Summary for Groundwater
April 1, 2023 - June 30, 2023

Well # Sample Date			MW-11 5/22/2023			MW-18 5/22/2023			MW-26 5/22/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		5.42			6.00			5.80		
Conductance	--		59.00			43.00			48.50		
TDS	--		44.70			38.00			38.00		
Calcium	40.1	2	6.09	0.304	50.80	4.59	0.229	50.20	4.59	0.229	47.56
Magnesium	24.3	2	1.60	0.132	22.01	0.963	0.079	17.37	1.17	0.096	19.99
Potassium	39.1	1	0.382	0.010	1.63	0.566	0.014	3.17	0.484	0.012	2.57
Sodium	23.0	1	3.51	0.153	25.52	3.06	0.133	29.17	3.30	0.144	29.81
Iron	55.8	2	0.005	0.000	0.030	0.005	0.000	0.039	0.005	0.000	0.037
Manganese	54.9	2	0.000	0.000	0.001	0.001	0.000	0.007	0.001	0.000	0.009
Ammonia-N	14.0	1	0.001	0.000	0.012	0.002	0.000	0.036	0.001	0.000	0.015
Total Cations (meq/L)				0.598			0.456			0.482	
Anion Parameters	Molecular Weight (g/mol)	n									
Alkalinity, Total	--		17.40			16.70			10.60		
Carbonate	60.0	2	0.000	0.000	0.002	0.001	0.000	0.008	0.000	0.000	0.003
Bicarbonate	61.0	1	21.23	0.348	59.04	20.37	0.334	77.48	12.93	0.212	45.30
Chloride	35.5	1	5.65	0.159	27.05	1.29	0.036	8.44	5.98	0.169	36.05
Nitrate-N	14.0	1	0.425	0.030	5.15	0.021	0.001	0.348	0.697	0.050	10.63
Sulfate	96.1	2	2.48	0.052	8.76	2.84	0.059	13.72	1.80	0.037	8.01
Total Anions (meq/L)				0.589			0.431			0.468	
Total Ions (meq/L)				1.19			0.887			0.949	
Cation/Anion Ratio				1.02			1.06			1.03	
Percent Difference				0.756			2.85			1.44	

Figure G-6. Deep Aquifer Trilinear Diagrams

Second Quarter 2023

April 1, 2023 - June 30, 2023

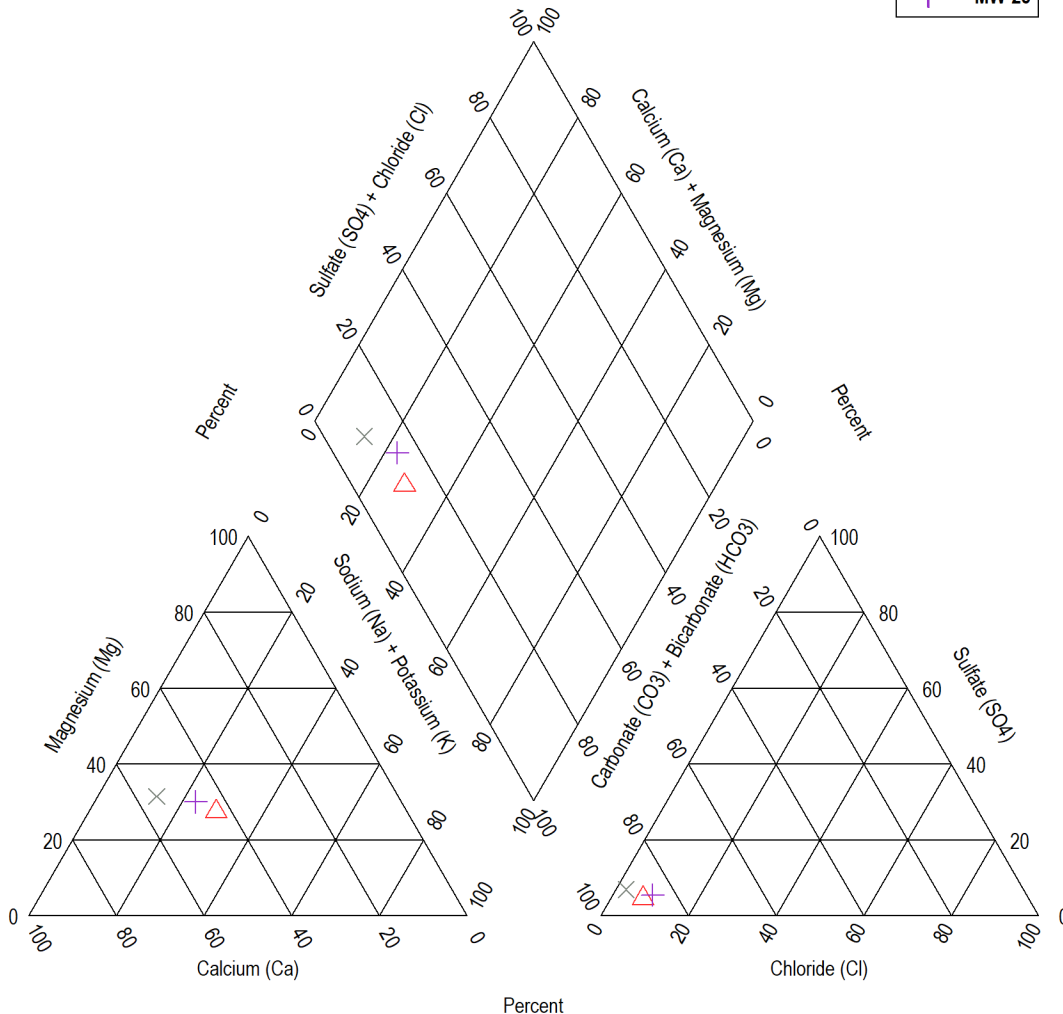
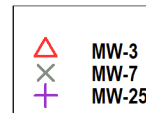


Table G-6
Deep Aquifer: Ion Balance Summary for Groundwater
April 1, 2023 - June 30, 2023

Well # Sample Date			MW-3 5/22/2023			MW-7 5/22/2023			MW-25 5/22/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		6.96			7.39			7.76		
Conductance	--		143.70			242.00			101.30		
TDS	--		99.30			159.00			76.70		
Calcium	40.1	2	14.50	0.724	43.44	30.90	1.54	55.13	10.80	0.539	46.87
Magnesium	24.3	2	5.56	0.458	27.47	10.70	0.881	31.48	4.21	0.346	30.13
Potassium	39.1	1	0.798	0.020	1.23	0.948	0.024	0.867	0.537	0.014	1.19
Sodium	23.0	1	10.60	0.461	27.68	8.04	0.350	12.51	5.76	0.251	21.79
Iron	55.8	2	0.005	0.000	0.011	0.005	0.000	0.006	0.005	0.000	0.016
Manganese	54.9	2	0.069	0.003	0.151	0.000	0.000	0.000	0.000	0.000	0.000
Ammonia-N	14.0	1	0.004	0.000	0.017	0.002	0.000	0.006	0.001	0.000	0.006
Total Cations (meq/L)			1.67			2.80			1.15		
Anion Parameters	Molecular Weight (g/mol)	n									
Alkalinity, Total	--		72.70			127.00			48.70		
Carbonate	60.0	2	0.040	0.001	0.080	0.187	0.006	0.222	0.168	0.006	0.484
Bicarbonate	61.0	1	88.61	1.45	87.86	154.56	2.53	90.41	59.07	0.968	83.92
Chloride	35.5	1	4.33	0.122	7.39	2.32	0.065	2.34	3.68	0.104	9.00
Nitrate-N	14.0	1	0.005	0.000	0.022	0.014	0.001	0.036	0.179	0.013	1.11
Sulfate	96.1	2	3.69	0.077	4.65	9.41	0.196	6.99	3.04	0.063	5.49
Total Anions (meq/L)			1.65			2.80			1.15		
Total Ions (meq/L)			3.32			5.60			2.30		
Cation/Anion Ratio			1.01			0.998			0.997		
Percent Difference			0.378			-0.091			-0.164		

Figure G-7. Shallow Aquifer Trilinear Diagrams
Third Quarter 2023
July 1, 2023 - September 30, 2023

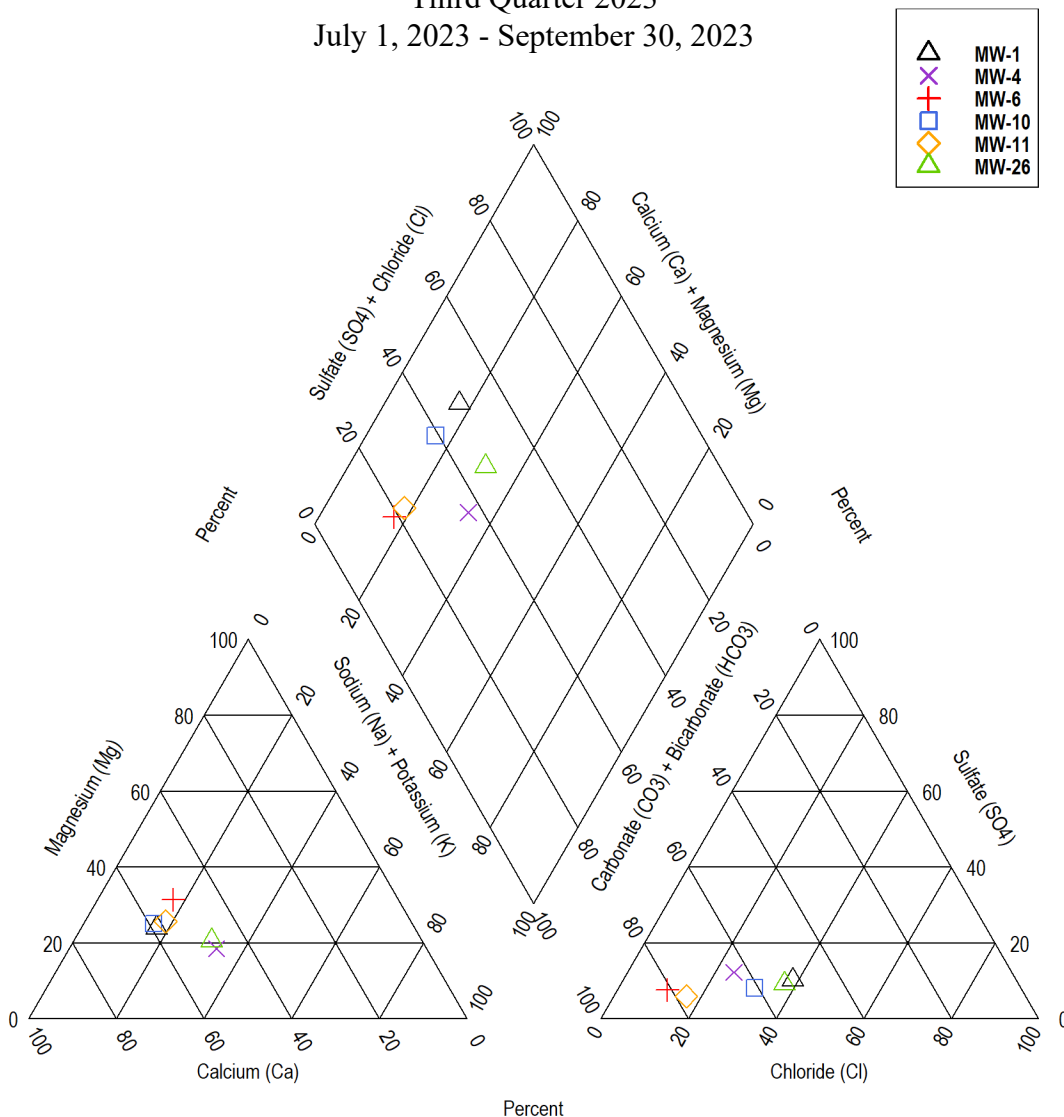


Table G-7
Shallow Aquifer: Ion Balance Summary for Groundwater
July 1, 2023 - September 30, 2023

Well # Sample Date			MW-1 8/30/2023			MW-4 8/30/2023			MW-6 9/1/2023			MW-10 8/31/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		5.75			5.73			6.41			5.47		
Conductance	--		87.90			43.30			99.40			81.40		
TDS	--		62.00			34.00			78.70			56.00		
Calcium	40.1	2	10.00	0.499	56.04	4.23	0.211	47.93	11.80	0.589	51.31	8.24	0.411	48.86
Magnesium	24.3	2	2.48	0.204	22.92	0.991	0.082	18.52	4.39	0.361	31.48	2.13	0.175	20.83
Potassium	39.1	1	1.31	0.034	3.76	0.665	0.017	3.86	0.705	0.018	1.57	1.09	0.028	3.31
Sodium	23.0	1	2.57	0.112	12.55	3.00	0.131	29.63	4.12	0.179	15.62	1.92	0.084	9.92
Iron	55.8	2	0.024	0.001	0.098	0.005	0.000	0.041	0.005	0.000	0.016	3.36	0.120	14.30
Manganese	54.9	2	1.09	0.040	4.46	0.000	0.000	0.003	0.000	0.000	0.001	0.365	0.013	1.58
Ammonia-N	14.0	1	0.022	0.002	0.175	0.001	0.000	0.016	0.001	0.000	0.006	0.141	0.010	1.20
Total Cations (meq/L)			0.890			0.440			1.15			0.842		
Anion Parameters	Molecular Weight (g/mol)	n												
Alkalinity, Total	--		20.50			11.50			42.90			21.50		
Carbonate	60.0	2	0.001	0.000	0.003	0.000	0.000	0.003	0.007	0.000	0.021	0.000	0.000	0.002
Bicarbonate	61.0	1	25.01	0.410	51.04	14.03	0.230	57.74	52.32	0.858	79.89	26.23	0.430	60.70
Chloride	35.5	1	11.00	0.310	38.64	3.12	0.088	22.10	4.28	0.121	11.25	7.79	0.220	31.03
Nitrate-N	14.0	1	0.005	0.000	0.044	0.500	0.036	8.96	0.195	0.014	1.30	0.010	0.001	0.101
Sulfate	96.1	2	3.96	0.082	10.27	2.14	0.045	11.19	3.89	0.081	7.54	2.78	0.058	8.17
Total Anions (meq/L)			0.803			0.398			1.07			0.708		
Total Ions (meq/L)			1.69			0.839			2.22			1.55		
Cation/Anion Ratio			1.11			1.11			1.07			1.19		
Percent Difference			5.16			5.03			3.34			8.60		

Table G-7 (continued)
Shallow Aquifer: Ion Balance Summary for Groundwater
July 1, 2023 - September 30, 2023

Well # Sample Date			MW-11 8/31/2023			MW-18 No Sample Taken*			MW-26 8/31/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		5.82			--			5.11		
Conductance	--		89.70			--			53.60		
TDS	--		62.70			--			44.70		
Calcium	40.1	2	10.90	0.544	55.92	--	--	--	5.06	0.252	47.97
Magnesium	24.3	2	3.04	0.250	25.72	--	--	--	1.32	0.109	20.64
Potassium	39.1	1	0.473	0.012	1.24	--	--	--	0.531	0.014	2.58
Sodium	23.0	1	3.82	0.166	17.09	--	--	--	3.48	0.151	28.76
Iron	55.8	2	0.005	0.000	0.018	--	--	--	0.005	0.000	0.034
Manganese	54.9	2	0.000	0.000	0.000	--	--	--	0.001	0.000	0.010
Ammonia-N	14.0	1	0.001	0.000	0.007	--	--	--	0.001	0.000	0.014
Total Cations (meq/L)			0.973						0.526		
Anion Parameters	Molecular Weight (g/mol)	n									
Alkalinity, Total	--		34.00			--			11.30		
Carbonate	60.0	2	0.001	0.000	0.005	--	--	--	0.000	0.000	0.001
Bicarbonate	61.0	1	41.48	0.680	74.21	--	--	--	13.79	0.226	47.27
Chloride	35.5	1	5.16	0.146	15.89	--	--	--	5.59	0.158	32.99
Nitrate-N	14.0	1	0.540	0.039	4.21	--	--	--	0.774	0.055	11.56
Sulfate	96.1	2	2.50	0.052	5.68	--	--	--	1.88	0.039	8.19
Total Anions (meq/L)			0.916						0.478		
Total Ions (meq/L)			1.89						1.00		
Cation/Anion Ratio			1.06						1.10		
Percent Difference			3.00						4.81		

Notes:
Insufficient water to collect a sample.
-- = Data unavailable; no sample taken.

Figure G-8. Deep Aquifer Trilinear Diagrams

Third Quarter 2023

July 1, 2023 - September 30, 2023

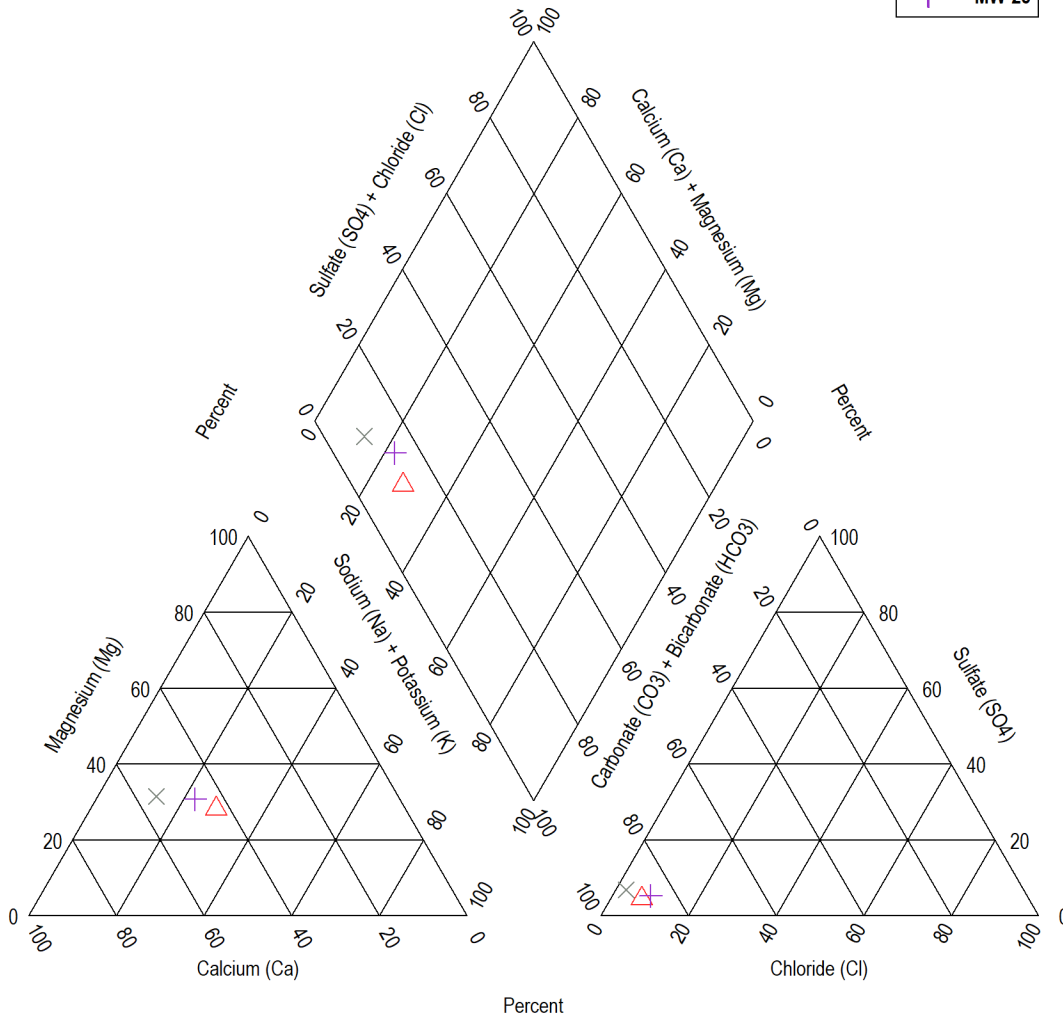
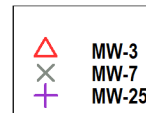


Table G-8
Deep Aquifer: Ion Balance Summary for Groundwater
April 1, 2023 - June 30, 2023

Well # Sample Date			MW-3 8/30/2023			MW-7 8/30/2023			MW-25 8/31/2023		
Cation Parameters	Molecular Weight (g/mol)	n	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)	mg/L	meq/L	% (meq)
pH	--		7.48			8.04			7.61		
Conductance	--		146.40			239.30			106.50		
TDS	--		102.00			157.00			74.70		
Calcium	40.1	2	15.10	0.753	43.04	31.40	1.57	55.15	11.30	0.564	46.62
Magnesium	24.3	2	6.01	0.495	28.25	10.90	0.897	31.57	4.53	0.373	30.82
Potassium	39.1	1	0.833	0.021	1.22	0.978	0.025	0.881	0.569	0.015	1.20
Sodium	23.0	1	11.00	0.479	27.33	8.09	0.352	12.39	5.93	0.258	21.33
Iron	55.8	2	0.005	0.000	0.010	0.005	0.000	0.006	0.005	0.000	0.015
Manganese	54.9	2	0.070	0.003	0.145	0.000	0.000	0.000	0.000	0.000	0.000
Ammonia-N	14.0	1	0.003	0.000	0.010	0.001	0.000	0.003	0.001	0.000	0.006
Total Cations (meq/L)				1.75			2.84			1.21	
Anion Parameters	Molecular Weight (g/mol)	n									
Alkalinity, Total	--		72.10			123.00			48.40		
Carbonate	60.0	2	0.131	0.004	0.266	0.802	0.027	0.986	0.118	0.004	0.346
Bicarbonate	61.0	1	87.70	1.44	87.98	148.43	2.43	89.73	58.81	0.964	84.63
Chloride	35.5	1	4.15	0.117	7.17	2.21	0.062	2.30	3.50	0.099	8.67
Nitrate-N	14.0	1	0.005	0.000	0.022	0.018	0.001	0.047	0.174	0.012	1.09
Sulfate	96.1	2	3.58	0.075	4.56	9.04	0.188	6.94	2.88	0.060	5.26
Total Anions (meq/L)				1.63			2.71			1.14	
Total Ions (meq/L)				3.38			5.55			2.35	
Cation/Anion Ratio				1.07			1.05			1.06	
Percent Difference				3.46			2.34			3.00	

Appendix H

Landfill Gas Monitoring Data

Table H-1
Landfill Gas Monitoring Data
October 2022 to September 2023

Location ID	Date/Time	CH4	CO2	O2	CH4	Static Pressure
		(% Vol)	(% Vol)	(% Vol)	(%LEL)	(in H2O)
GP-1	10/6/2022	0	0.6	20.7	0.0	-0.07
GP-1	11/1/2022	0	1.1	20.5	0.0	-0.01
GP-1	12/15/2022	0	0.9	20.0	0.0	-0.01
GP-1	1/12/2023	0	0.5	20.8	0.0	0.02
GP-1	2/23/2023	0	3.7	12.6	0.0	0.10
GP-1	3/16/2023	0	0.5	20.6	0.0	0.01
GP-1	4/6/2023	0	0.5	20.0	0.0	0.04
GP-1	5/11/2023	0	0.4	20.2	0.0	0.14
GP-1	6/8/2023	0	0.6	19.8	0.0	0.00
GP-1	7/17/2023	0	1.2	20.1	0.0	0.01
GP-1	8/9/2023	0	1.5	19.6	0.0	0.01
GP-1	9/14/2023	0	1.4	19.5	0.0	0.01
GP-2	10/6/2022	0	1.0	20.2	0.0	-0.04
GP-2	11/1/2022	0	1.0	20.8	0.0	0.15
GP-2	12/15/2022	0	1.0	19.6	0.0	-0.04
GP-2	1/12/2023	0	0.2	20.8	0.0	-0.02
GP-2	2/23/2023	0	0.5	21.0	0.0	0.11
GP-2	3/16/2023	0	0.5	20.3	0.0	0.02
GP-2	4/6/2023	0	0.5	20.1	0.0	0.03
GP-2	5/11/2023	0	1.2	19.5	0.0	0.15
GP-2	6/8/2023	0	1.3	19.6	0.0	-0.07
GP-2	7/17/2023	0	1.3	20.1	0.0	-0.42
GP-2	8/9/2023	0	1.2	19.9	0.0	-0.02
GP-2	9/14/2023	0	1.5	19.7	0.0	-0.01
GP-3	10/6/2022	0	0.6	20.6	0.0	0.00
GP-3	11/1/2022	0	0.8	21.3	0.0	0.10
GP-3	12/15/2022	0	0.3	20.0	0.0	-0.02
GP-3	1/12/2023	0	0.1	20.8	0.0	0.68
GP-3	2/23/2023	0	0.3	21.0	0.0	0.05
GP-3	3/16/2023	0	0.2	20.8	0.0	0.02
GP-3	4/6/2023	0	0.2	20.1	0.0	-0.01
GP-3	5/11/2023	0	0.7	19.8	0.0	0.13
GP-3	6/8/2023	0	0.9	19.9	0.0	-0.03
GP-3	7/17/2023	0	0.9	20.4	0.0	-0.01
GP-3	8/9/2023	0	0.8	20.2	0.0	-0.01
GP-3	9/14/2023	0	0.7	20.6	0.0	-0.02
GP-4	10/6/2022	0	0.7	20.2	0.0	-0.03
GP-4	11/1/2022	0	1.2	19.9	0.0	0.00
GP-4	12/15/2022	0	0.7	19.7	0.0	-0.01
GP-4	1/12/2023	0	0.3	20.5	0.0	0.65
GP-4	2/23/2023	0	0.5	21.0	0.0	0.09
GP-4	3/16/2023	0	0.4	20.5	0.0	0.03

Table H-1
Landfill Gas Monitoring Data
October 2022 to September 2023

Location ID	Date/Time	CH4	CO2	O2	CH4	Static Pressure
		(% Vol)	(% Vol)	(% Vol)	(%LEL)	(in H2O)
GP-4	4/6/2023	0	0.6	19.6	0.0	0.04
GP-4	5/11/2023	0	1.0	19.5	0.0	0.13
GP-4	6/8/2023	0	1.0	19.6	0.0	-0.08
GP-4	7/17/2023	0	1.6	19.6	0.0	-0.02
GP-4	8/9/2023	0	1.4	19.6	0.0	0.03
GP-4	9/14/2023	0	1.4	20.0	0.0	-0.08
GP-5	10/6/2022	0	0.4	20.4	0.0	-0.03
GP-5	11/1/2022	0	1.1	20.5	0.0	0.07
GP-5	12/15/2022	0	1.1	19.7	0.0	-0.01
GP-5	1/12/2023	0	0.5	20.4	0.0	0.30
GP-5	2/23/2023	0	0.9	20.2	0.0	0.10
GP-5	3/16/2023	0	0.5	20.2	0.0	0.04
GP-5	4/6/2023	0	0.8	19.5	0.0	-0.04
GP-5	5/11/2023	0	0.8	19.8	0.0	0.08
GP-5	6/8/2023	0	0.6	20.0	0.0	-0.08
GP-5	7/17/2023	0	0.8	20.3	0.0	0.00
GP-5	8/9/2023	0	0.1	20.6	0.0	-0.03
GP-5	9/14/2023	0	0.9	20.5	0.0	0.01
GP-6	10/6/2022	0	1.2	19.2	0.0	-0.03
GP-6	11/1/2022	0	1.4	20.0	0.0	0.44
GP-6	12/15/2022	0	2.1	17.9	0.0	-0.08
GP-6	1/12/2023	0	3.1	18.1	0.0	0.05
GP-6	2/23/2023	0	0.9	21.0	0.0	0.13
GP-6	3/16/2023	0	2.0	18.3	0.0	0.02
GP-6	4/6/2023	0	2.0	18.6	0.0	0.03
GP-6	5/11/2023	0	2.2	18.3	0.0	0.10
GP-6	6/8/2023	0	2.2	18.2	0.0	-0.08
GP-6	7/17/2023	0	2.0	19.0	0.0	0.03
GP-6	8/9/2023	0	1.8	19.2	0.0	-0.01
GP-6	9/14/2023	0	1.6	19.7	0.0	-0.03
GP-8	10/6/2022	0	0.0	20.7	0.0	-0.03
GP-8	11/1/2022	0	1.3	20.5	0.0	0.02
GP-8	12/15/2022	0	0.4	20.3	0.0	-2.64
GP-8	1/12/2023	0	0.3	20.1	0.0	-8.21
GP-8	2/23/2023	0	0.6	20.1	0.0	0.01
GP-8	3/16/2023	0	0.3	20.7	0.0	0.02
GP-8	4/6/2023	0	1	20.1	0	0.04
GP-8	5/11/2023	0	0.1	20.6	0	0.08
GP-8	6/8/2023	0.0	0	20.2	0	0.01
GP-8	7/17/2023	0.0	0.1	21.1	0	0.01
GP-8	8/9/2023	0	2.4	18.6	0	0.02
GP-8	9/14/2023	0	2.7	17.8	0	0.07

Table H-1
Landfill Gas Monitoring Data
October 2022 to September 2023

Location ID	Date/Time	CH4	CO2	O2	CH4	Static Pressure
		(% Vol)	(% Vol)	(% Vol)	(%LEL)	(in H2O)
GP-9	10/6/2022	0	0.5	20.9	0	-0.01
GP-9	11/1/2022	0	0.8	20.6	0	-0.01
GP-9	12/15/2022	0	0.4	20.3	0	-0.03
GP-9	1/12/2023	0	0.4	20.4	0	0.06
GP-9	2/23/2023	0	0.6	20.3	0	0.41
GP-9	3/16/2023	0	0.4	20.7	0	0.02
GP-9	4/6/2023	0	0.7	14.7	0	0.02
GP-9	5/11/2023	0	0.6	20	0	0.11
GP-9	6/8/2023	0	0.7	19.7	0	0
GP-9	7/17/2023	0	1	20.3	0	-0.02
GP-9	8/9/2023	0	1.2	19.7	0	-0.03
GP-9	9/14/2023	0	1.2	19.8	0	0.04
AMB-1	10/6/2022	0	0	21	0	0.01
AMB-1	1/12/2023	0	0.1	21	0	0.03
AMB-1	4/6/2023	0	0.1	20	0	0.02
AMB-1	7/17/2023	0	0.1	21.1	0	-0.01
AMB-2	10/6/2022	0	0	21	0	-0.02
AMB-2	1/12/2023	0	0.1	21	0	0.04
AMB-2	4/6/2023	0	0.1	20.4	0	0.07
AMB-2	7/17/2023	0	0.1	21.1	0	0
AMB-3	10/6/2022	0	0	21	0	-0.02
AMB-3	1/12/2023	0	0.1	21	0	0.02
AMB-3	4/6/2023	0	0.1	19.5	0	0.04
AMB-3	7/17/2023	0	0.1	21.1	0	0
AMB-4	10/6/2022	0	0	20.6	0	0.01
AMB-4	1/12/2023	0	0.1	21	0	0.02
AMB-4	4/6/2023	0	0.1	19.6	0	0.05
AMB-4	7/17/2023	0	0.1	20.8	0	0
AMB-5	10/6/2022	0	0	20.6	0	-0.02
AMB-5	1/12/2023	0	0.1	20.7	0	-0.02
AMB-5	4/6/2023	0	0.1	20.1	0	-0.1
AMB-5	7/17/2023	0	0.1	20.9	0	0
AMB-6	10/6/2022	0	0	20.8	0	-0.02
AMB-6	1/12/2023	0	0.1	20.7	0	0.02
AMB-6	4/6/2023	0	0.1	20.1	0	0.02
AMB-6	7/17/2023	0	0.1	21.1	0	0
AMB-7	10/6/2022	0	0	20.7	0	-0.01
AMB-7	1/12/2023	0	0.1	20.9	0	0.03
AMB-7	4/6/2023	0	0.1	20.9	0	0
AMB-7	7/17/2023	0	0.1	21.1	0	0
AMB-8	10/6/2022	0	0	20.8	0	0.01
AMB-8	1/12/2023	0	0.1	20.7	0	0.02
AMB-8	7/17/2023	0	0.1	21.1	0	0

Appendix I

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, the 2023 Post Closure Maintenance Permit for Hobart Landfill has a compliance task to report on maintenance costs, post closure maintenance balance, account for any increased planned maintenance, and report on the audit of the reserve account. Item 1 states:

“Report yearly post-closure maintenance costs and post-closure cost estimate balance for financial assurance. The post-closure cost estimate balance should be updated whenever a change in the post closure plan increases or decreases the cost of post-closure care, or whenever directed by Public Health (WAC 173-304-467(4)(b)). Submit an annual audit of the financial assurance accounts to Public Health and Ecology in accordance with WAC 173-304-467(6)(c)”

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 respond to compliance task to report on maintenance costs, post closure maintenance balance, account 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 J

Historical 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
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)
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
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)
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

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)
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

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-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)	(°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)	(°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
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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-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
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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)
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)	(°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)	(°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
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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
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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)
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

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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-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

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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

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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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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-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

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	2/20/2014	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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 594-20-7
Well #	CAS #	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-		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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 594-20-7
Well #	CAS # 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	--

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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 594-20-7
Well #	CAS # 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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,1,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 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-Tetrachloro-ethane 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 594-20-7
Well #	CAS # 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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 594-20-7
Well #	CAS #	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		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	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	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	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	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	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	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	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	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	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	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	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	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	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
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
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
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	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	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	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
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	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	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	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	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
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	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	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	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	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	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	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	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	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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 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 630-20-6	1,1,1-Trichloro-ethane 71-55-6	1,1,2,2-Tetrachloro-ethane 79-34-5	1,1,2-Trichloro-ethane 79-00-5	1,1-Dichloro-ethane 75-34-3	1,1-Dichloro-ethene 75-35-4	1,1-Dichloro-propene 563-58-6	1,2,3-Trichloro-propane 96-18-4	1,2-Dibromo-3-Chloro-propane 96-12-8	1,2-Dibromo-ethane 106-93-4	1,2-Dichloro-benzene 95-50-1	1,2-Dichloro-ethane 107-06-2	1,2-Dichloro-propane 78-87-5	1,3-Dichloro-benzene 541-73-1	1,3-Dichloro-propane 142-28-9	1,4-Dichloro-benzene 106-46-7	2,2-Dichloro-propane 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	VTRP211201Z	0.25 U	0.1 U	0.1 U	0.1 U	0.1 U	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	1,1,1,2-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	VTRP211201Z	1 U	0.5 U	--	--	2.5 U	2.5 U	--	--	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	VTRP211201Z	0.1 U	0.5 U	0.1 U	0.1 U	0.25 U	--	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	VTRP211201Z	0.1 U	--	0.1 U	0.1 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.