Rocky Top Environmental Limited Purpose Landfill 2025 Third Quarter Groundwater Monitoring Report

Prepared for
DTG Recycling

DTG Debris to Green Recycling

December 2025

Parametrix

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Certification

The technical material and data contained in this document were prepared under the supervision and direction of the undersigned, whose seal, as a professional hydrogeologist licensed to practice as such, is affixed below.

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Contents

Contents (continued)

FIGURES

TABLES

APPENDICES

Acronyms and Abbreviations

AA	Alluvial Aquifer
AO	Agreed Order
bgs	below ground surface
CULs	cleanup levels
CUSUM	cumulative sum
COPC	chemical of potential concern
DA	Deep Aquifer
DTG	DTG Recycling
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
Facility	41 Rocky Top Road in Yakima, Washington
ft	feet
GWQS	Groundwater Quality Criteria (Chapter 173-200 WAC)
h	control limit for CUSUM comparisons
HWA	HWA GeoSciences, Inc.
IZ	Interflow Zone
LPL	Limited Purpose Landfill
MCLs	Maximum Contaminant Levels (Chapter 246-290 WAC)
meq/L	milliequivalents per liter
mg/L	milligrams per liter
µg/L	micrograms per liter
µmhos/cm	microohms per centimeter MTCA Model Toxics Control Act (Chapter 173-340 WAC)
MRF	Materials Recovery Facility
PCS	Petroleum-contaminated soil
PFAS	Per- and polyfluoroalkyl substances
RI	remedial investigation
RL	reporting limit
SA	Shallow Aquifer

Acronyms and Abbreviations (continued)

SAP	Sampling and Analysis Plan
SCL	Shewhart Control Limit
SVOC	semi-volatile organic compound
TDS	total dissolved solids
TPH	total petroleum hydrocarbons
UPLs	upper prediction limits
VOCs	volatile organic compounds
WAC	Washington Administrative Code
YHD	Yakima Health District
YRCAA	Yakima Regional Clean Air Agency

1. Introduction

This report presents the results of the third quarter 2025 environmental monitoring completed at the Rocky Top Environmental Limited Purpose Landfill (LPL) located at 41 Rocky Top Road in Yakima, Washington (Facility). The Facility is owned and operated by DTG Recycling (DTG). Figure 1 shows the overall location of the Facility. Figure 2 shows the details of the Facility including monitoring well locations, lined and unlined cells, the leachate pond, and other operations.

1.1 LPL Description

The Facility was permitted for sand and gravel mining operations beginning in 1983. In 1991, the Facility permit was modified to include petroleum-contaminated soil (PCS) remediation and re-use of treated PCS for cover or crushed into rock for asphalt and used as fill material. The Facility was later permitted as an unlined construction, demolition, and land-clearing debris (landfill that began operation in 1997 as Anderson Rock and Demolition Pits) under Chapter 173-304 of the Washington Administrative Code (WAC). The Facility was reclassified as an LPL in 2007, with the southern expansion area permitted in 2015. The LPL accepted treated PCS that was stockpiled in a separate area on the northeast portion of the Facility and managed until soil concentrations were below the Model Toxics Control Act (MTCA) Method A cleanup levels (CULs) for unrestricted land use. Once soils in the stockpiles were below MTCA CULs, they were used as daily cover in the LPL following approval from Yakima Health District (YHD).

In October 2019, DTG purchased the Facility and overtook operations of the LPL. Phase 1 is the historical fill area and is unlined (Figure 2). Filling of Phase 1 continued through 2022, and then waste was placed in a permitted unlined expansion cell south of Phase 1. It was discovered that the area had hydrogeologic physical conditions differing from those estimated for the original permitting. This south area became known as the temporary fill area and DTG began plans for a lined expansion cell (Phase 2). Waste placement in the temporary fill area continued through June 2023 when the permit renewal for the LPL was denied primarily due to the need for an air permit from the Yakima Regional Clean Air Agency (YRCAA). By September 2024, DTG had completed the construction of Phase 2 located on the southern portion of the Facility that had a liner system and leachate collection system and leachate pond (Figure 2). The Facility permit was renewed in December 2024 (YHD 2024) and DTG began placing LPL waste in Phase 2 and moving waste from the temporary fill area into the new lined cell. The temporary fill area waste relocation was completed in August 2025.

1.1.1 MTCA Site

The Washington State Department of Ecology (Ecology) listed the northwest slope of Phase 1 of the LPL as a MTCA cleanup site in September 2022 related to ambient air found above MTCA CULs. DTG and Ecology negotiated an Agreed Order (AO) that was executed in February 2023. A subsurface fire beneath the northwest slope of the LPL was confirmed in March 2023. Based on the potential contaminants related to the fire, Ecology requested the installation of additional downgradient monitoring wells. These wells were installed in 2024 related to the MTCA limited remedial investigation (RI). Ecology also requested additional chemicals of potential concern (COPCs) in groundwater to be investigated.

Groundwater monitoring related to MTCA releases includes analysis for additional parameters that are suspected to be present related to the MTCA site and are being reported separately. This includes analysis of per- and polyfluoroalkyl substances (PFAS), dioxins/furans, semi-volatile organic compounds (SVOCs) including carcinogenic polycyclic aromatic hydrocarbons, and U.S. Environmental Protection Agency (EPA) priority pollutant metals.

1.1.2 Additional Facility Operations

There is a materials recovery facility (MRF) operating in the central portion of the Facility adjacent to the LPL. In 2023, YHD required the MRF to develop a covered receiving area which was installed in 2024. Additional MRF area requirements include an impervious receiving floor and leachate controls. DTG is in the process of designing and constructing these systems for the MRF. Figure 2 displays the current MRF location. An active rock quarry also operates in the western portion of the Facility and is permitted separately (Figure 2). A former PCS remediation area is located on the eastern portion of the Facility. The former PCS remediation area is currently undergoing closure with YHD so that the MRF can be developed at this location. Dry, 10-foot monitoring wells were installed around the PCS remediation area in 1991 and the wells were decommissioned in August 2025.

2. Physical Setting

The Facility is located northwest of Yakima in Section 10, Township 13 North, Range 17 East, Willamette Meridian, in Yakima County, Washington. The area of the LPL is within the Yakima fold and thrust belt of the Columbia Plateau which is a series of east-west trending thrust faults and folds on the westernmost portion of the Columbia Plateau. The anticlines are usually formed over a thrust fault and typically form topographic ridges. The Facility is located on the northeast flank of Cowiche Mountain, which is an east-west trending anticlinal structure that extends from Cowiche Mountain to under the City of Yakima and forms Yakima Ridge to the east of the LPL. The axis of the anticline is located approximately 1,600 feet (ft) to the south of the LPL (Bentley and Campbell 1983).

2.1 Topography

The topography of the Facility slopes northerly from an elevation of approximately 2,000 ft above sea level on the southern border of the Facility down to approximately 1,800 ft above sea level on the northern border of the Facility. The Facility has an average slope, from southwest to northeast, of approximately 15% to 25%.

2.2 Soils

Soils on the Facility consist of silt loams up to 14-inches thick derived from Ellensburg Formation undifferentiated deposits and breakdown of basalt bedrock. Some areas of the Facility surface soils consist solely of weathered basalt fragments. The thickness of unconsolidated soil above bedrock varies up to approximately 14 ft; however, it is as much as 35 ft in some areas of the Facility due to regrading.

2.3 Geology

Below the surface soils of the Ellensburg Formation undifferentiated deposits, the geology of the Facility is comprised of Columbia River Basalt bedrock with sedimentary interbeds. The Yakima Basalt Subgroup comprises the uppermost (youngest) portion of the regional Columbia River Basalt Group and includes (from youngest to oldest): the Saddle Mountain Basalt, the Wanapum Basalt, and the Grande Ronde Basalt.

Locally, the Saddle Mountain Basalt is absent. The Ellensburg Formation is interbedded with the Yakima Basalt subgroup and is comprised of surficial formations of silt above bedrock as well as a significant interbed, known as the Vantage member of the Ellensburg Formation (Vantage Interbed).

The surface geology of the LPL (Bentley and Campbell 1983) is mapped as the Kelley Hollow flow of the Frenchman Springs Member of the Wanapum Basalt with a thin band of the Vantage Interbed separating the Wanapum Basalt (north) from the Grande Ronde Basalt (south). Mining has since uncovered large portions of the Vantage Interbed at the Facility including within the current temporary fill area.

The Wanapum Basalt is the shallow bedrock below the Facility, and is comprised of massive basalt, fractured basalt, columnar zones, pillow basalt, and palagonite. The thickness varies across the Facility but has been identified to be up to 260 ft thick at the Facility. The Wanapum Basalt is underlain by the Vantage Interbed of the Ellensburg Formation. The Vantage Interbed consists of sandstone, silt, and sand lenses and is approximately 30 to 35 ft thick. Below the Vantage Interbed is the Grande Ronde Basalt consisting of massive, columnar, and fractured basalt. The Grande Ronde Basalt has been observed up to 900 ft thick below the Facility.

2.4 Hydrogeology

There are two aquifers that are currently monitored below the LPL including a Shallow Aquifer (SA) and Interflow Zone (IZ) located within the Columbia River Basalt bedrock. There is also a Deep Aquifer (DA) occurring in the basalt that was monitored for four quarters in 2023. The SA and DA are the primary drinking water aquifers for neighboring Group B and domestic wells.

The basalt is dipping northerly at the Facility due to the Cowiche Mountain anticline. The natural dip places the SA as the first groundwater unit below the northern portion of the Facility and the IZ as the first groundwater unit below the southern portion of the Facility. There is an Alluvial Aquifer (AA) north and downgradient of the Facility within the Cowiche Valley that is the ultimate discharge of the SA. The AA is locally up to 350 ft thick based on well logs from Ecology.

The SA occurs within the bottom flow zone of the Wanapum Basalt, saturated portions of the Vantage Interbed, and saturated portions of the flow top zone of the Grande Ronde basalt. The SA is partially to fully confined. Five monitoring wells have been completed in the SA. All five wells are located downgradient of the Facility. MW-2S and MW-3S were completed between 2005 and 2007 and background monitoring events were conducted in 2008 and 2009. MW-4S was completed in July 2022 and background monitoring events were completed through 2024. MW-5S and MW-6S were completed in 2024 and background monitoring is being conducted on an accelerated basis in 2025.

The IZ occurs approximately 150 to 200 ft below the Grande Ronde-Vantage Interbed interface. The IZ is fully confined. Four monitoring wells have been completed in the IZ, one upgradient and three downgradient. MW-7D, MW-8D, MW-9D, and MW-10D were completed in 2024 and background monitoring is being conducted on an accelerated basis in 2025.

The DA occurs approximately 200 to 400 ft below the IZ within the Grande Ronde Basalt. The DA is fully confined with water levels approximately 200 ft above the source zone. The DA was monitored for four quarters in 2023 with samples collected from the Bertheas ’95 well located east of the Facility (Figure 2). No water levels could be measured in the well; however, the log indicates water levels were 600 ft below ground, or approximately elevation 1,325 ft above sea level. The Bertheas ’95 well was decommissioned in 2024 after a variance request to convert the well into a monitoring well was denied by Ecology.

2.4.1 Recharge and Discharge

The Yakima area (including the LPL area) is classified as a “zone of little groundwater recharge potential from direct precipitation sources” (Myers et al 1979), which is the lowest of three relative groundwater recharge classifications in their study. Recharge to groundwater in the basalt aquifers

occurs primarily between Cowiche Mountain and Bethel Ridge to the northwest, with some recharge north of the sub-basin boundary (US Army Corps of Engineers 1978). The reach of Yakima River east of the LPL is also classified as a suspected recharge area (Myers et al 1979). The SA in the Wanapum Basalt and IZ within the Grande Ronde Basalt discharge to the AA at lower elevations to the north, and ultimately to Cowiche Creek, which flows into Naches River, and then into the Yakima River. The DA in the Grande Ronde Basalt likely continues below the AA north of the facility and discharges to AA within the Yakima River Valley to the east-northeast.

2.4.2 Groundwater Flow

Shallow Aquifer

The groundwater gradient for the SA is predominantly northerly following the topographic slope and dip of the Vantage Interbed. In March 2022, HWA Geosciences (HWA) measured groundwater depths in 18 private residential and orchard wells surrounding the LPL completed in the SA, as well as in DTG monitoring wells MW-2S and MW-3S. Methods and results are detailed in the Groundwater Gradient Study, DTG/Anderson Pit Limited Purpose Landfill, Yakima, Washington (HWA 2022b). The interpreted groundwater elevation contour maps showed hydraulic gradients of 0.07 to 0.17 ft/ft, or approximately 370 to 900 ft per mile, with flow generally to the north, downslope and down-dip, as expected.

The gradient from the existing monitoring well network shows the SA is steeper below the Facility (0.23 to 0.28 ft/ft) and flattens slightly further north where the SA meets the Cowiche Valley.

Interflow Zone

The groundwater gradient for the IZ is described in Section 5.1 and has been observed to be northerly around 0.20 ft/ft following topography and the dip of the anticline. The third quarter 2024 was the first monitoring event where static water level elevations for the IZ were evaluated.

Deep Aquifer

Parametrix reviewed domestic well logs in the vicinity of the LPL to develop an approximate groundwater gradient map for the DA to support future well drilling. The gradient map developed from the domestic wells (Parametrix 2023b) showed a similar approximately north-northwesterly gradient for the DA near the LPL at a rate of approximately 0.11 ft/ft, or approximately 600 ft per mile. The gradient map also demonstrated there is a local groundwater divide located 1,500 ft south of the LPL along the anticline axis of Cowiche Mountain.

2.4.3 Hydraulic Conductivity

Hydraulic conductivity has been evaluated by previous hydraulic testing (HWA 2015, HWA 2022, Parametrix 2025a). The average, low, and high hydraulic conductivities for the SA and IZ were presented in the updated Hydrogeologic Characterization Report (Parametrix 2025e). Average hydraulic conductivity for the SA was calculated to be 3.1 ft/day with a known range from 0.4 to 7.8 ft/day. For the IZ wells, the average hydraulic conductivity was calculated to be 2 ft/day with a range of 0.05 to 7.5 ft/day.

2.5 Surface Water

Surface water at the Facility is comprised of ephemeral drainages flowing north off Cowiche Mountain periodically towards Cowiche Creek located in the valley north of the Facility. Surface water for the Facility is generally captured and evaporated on the Facility through surface water evaporation ponds.

3. Monitoring History

Groundwater monitoring for the LPL is completed quarterly for compliance with WAC 173-350-100 and permit requirements. Groundwater monitoring well locations at the LPL are shown on Figure 2. Table 1 summarizes the monitoring well details.

Well MW-2S was installed in December 2005. MW-3S was installed in September 2007. A third location, BH-1, was drilled in 2005 and was observed to be dry so no monitoring well was installed. Eight background monitoring events were conducted at MW-2S and MW-3S between August 2008 and August 2009 to establish baseline groundwater quality conditions. Background monitoring is described in the Groundwater Monitoring Report, Anderson Pit Limited Purpose Landfill, Yakima, Washington (HWA 2010). Since 2009, quarterly groundwater monitoring has been conducted at MW-2S and MW-3S and the results have been documented in annual reports. Quarterly groundwater reporting began in 2023.

Monitoring well MW-4S was installed in 2022 to update the hydrogeologic characterization and monitoring at the Facility (HWA 2022). It was initially sampled in October 2022 and has been monitored quarterly since installation. The initial results were presented in the 2022 annual report (Parametrix 2023a) and subsequent results were presented in quarterly and annual reports (Parametrix 2024a, 2025f).

The Bertheas '95 domestic well in the DA (Figure 2) was sampled for four quarters in 2023 and results were presented in the 2023 quarterly and annual reports (Parametrix 2024a). The Bertheas '95 well was decommissioned in September 2024 and is no longer available for sampling.

In 2024, two new SA wells and four new IZ wells were completed below the Facility. The two new SA wells MW-5S and MW-6S were installed prior to the second quarter 2024. Four new IZ monitoring wells (MW-7D, MW-8D, MW-9D, and MW-10D) were installed prior to the third quarter 2024. Eight groundwater monitoring events are planned for the new wells to meet the permit requirements. Four expedited sampling events (A events) are being completed in 2025 in addition to the routine quarterly monitoring (B events) and the six new wells will be sampled every approximately 1.5 months.

The Sampling and Analysis Plan (SAP) was updated in September 2024 (Parametrix 2024b) to reflect the revised statistical analysis approach for the groundwater monitoring program as well as to include information for the additional monitoring wells and sampling/monitoring the leachate pond for the Phase 2 lined cell. Leachate samples are collected annually during the first quarter event; however, the pond level and sump are checked quarterly. An additional MTCA-related groundwater SAP (Parametrix 2025b) was developed for required monitoring under the AO for additional contaminants.

Dedicated PFAS-free pumps have been installed in all the monitoring wells (Table 1). The results for MTCA-related contaminants are not included in this report and are presented in other reporting for the MTCA site as part of the AO. PFAS were confirmed in MW-3S at concentrations above CULs during the third and fourth quarters of 2024 (Parametrix 2024d, 2025c). A limited RI work plan (Parametrix 2025d) was developed for two additional monitoring wells (MW-1S and MW-11S) within the SA related to characterization of additional COPCs including PFAS.

3.1 Recent Changes

MW-1S and MW-11S drilled and constructed northeast of Phase 1 and north of MW-3S between April and July 2025 (Parametrix 2025j). MW-11S was drilled to a depth of 241 ft below ground surface (bgs) and constructed with 20 ft of screen from 219 to 239 ft bgs. MW-1S was drilled to a depth of 142 ft bgs and constructed with 20 ft of screen from 113 to 133 ft bgs. The wells were included in

the routine monitoring program starting with the third quarter 2025 sampling events after the dedicated PFAS-free sampling pumps were installed. Hydraulic testing at the new wells showed hydraulic conductivity slightly lower at MW-11S at 0.3 ft/day. MW-1S was within the expected range for the aquifer (Parametrix 2025j). Figure 2 displays the location of the two new wells.

The leachate pond for Phase 2 is active and in use. Leachate was sampled during the 2025 first quarter event (Parametrix, 2025h).

3.2 Objectives

This report documents the third quarter 2025 groundwater monitoring at the Rocky Top Environmental LPL. Reporting requirements, as required by the LPL operating permit and WAC 173-350-500, entail quarterly groundwater monitoring and submission of an annual groundwater monitoring report to the YHD and Ecology.

3.3 Compliance

If statistical analyses determine a significant increase over background (as described in Section 5.2.5), DTG will notify YHD and Ecology within 30 days of the evaluation finding. If the increase is not demonstrated to be attributable to a source other than the landfill, natural variation in groundwater quality, or an error in sampling, analyses, or statistical evaluation, and the concentrations of constituents exceed the groundwater quality criteria established by Chapter 173-200 WAC, Water Quality Standards for Groundwaters of the State of Washington, DTG in consultation with YHD and Ecology, will determine additional measures. Additional measures to be considered are to characterize the chemical composition of the release and the contaminant fate and transport characteristics by installing additional monitoring wells; assess and, if necessary, implement appropriate intermediate measures to remedy the release; and evaluate, select, and implement remedial measures as required by Chapter 173-340 WAC, MTCA, where applicable.

A suspected release from the LPL is currently being investigated as part of an AO under MTCA. Evaluation of additional monitoring wells downgradient of the suspected impacted monitoring wells (MW-3S and MW-4S) is being implemented to determine the nature and extent of the contamination including additional monitoring parameters that are reported separately as part of the MTCA investigation.

4. Sampling and Analysis

The third quarter 2025 groundwater sampling and analysis was conducted in accordance with the SAP (Parametrix 2024b). Field data sheets from the third quarter sampling are attached in Appendix A.

4.1 Routine Groundwater Sampling

Two sampling events were completed during the third quarter 2025:

- Third quarter “A event” (August 4 through 5) – MW-1S, MW-5S, MW-6S, MW-11S, MW-7D, MW-8D, MW-9D, MW-10D
- Third quarter “B event” (September 9 through 10) – All monitoring wells

The monitoring wells were purged and sampled using the dedicated PFAS-free QED bladder pumps with an electronic pump control unit (QED Micropurge MP10/MP10H) and external nitrogen tank. Low flow purging methods were utilized in accordance with the SAP. Samples to be tested for dissolved metals were field filtered through a 0.45-micron filter. A duplicate sample, MW-13S, was collected at wells MW-8D and MW-4S during the A and B events, respectively.

The third quarter "B event" also included additional MTCA analytical parameters including PFAS and EPA priority pollutant metals. Results for the MTCA parameters are summarized separately (Parametrix 2025i).

4.2 Groundwater Analysis

The third quarter 2025 samples for WAC 173-350-500 monitoring were analyzed by On-Site Environmental, Inc. located in Redmond, Washington. The analytical methods used are listed in Table 2.

In addition to the parameters required by WAC 173-350-500, the samples were analyzed for the volatile organic compounds (VOCs) included in WAC 173-351-990 Appendix I and naphthalene, and samples from the SA were analyzed for gasoline and diesel/oil range total petroleum hydrocarbons (TPH).

4.3 Leachate Pond Monitoring

The depth of leachate in the pond was observed to be 2 ft. The total depth of the lined pond is 7 ft. The leachate pond leak detection sump was measured with a sounder and no water was detected within the sump.

5. Results

5.1 Groundwater Elevations and Flow

5.1.1 Groundwater Elevations

Table 3 summarizes the groundwater depths and elevations measured at the LPL during the third quarter B event. Figure 3 presents a hydrograph of historical groundwater elevations for all monitoring wells compared with the cumulative deviation from average monthly precipitation recorded at the Yakima Air Terminal. The water levels are generally consistent with deviations in precipitation over time (Figure 3) with minor variances. The SA wells appear to respond to precipitation with MW-2S having less of a direct correlation. MW-2S is completed in the bottom of the SA below the Vantage Interbed.

Long term water level declines have been observed over the course of monitoring at both MW-2S and MW-3S. However, less of a decline has been observed at MW-2S and it has been stable since approximately 2023. MW-3S had further declines in 2024 but has since risen approximately 10 feet over the last four quarters and is currently approximately 20 feet below the historical average... MW-4S water levels appear to be showing seasonality matching the precipitation trend. Wells MW-5S, MW-6S, and MW-10D also appear to show seasonality following a peak of water levels during the first quarter. MW-8D and MW-10D water levels peaked during the second quarter and were slightly lower in the third quarter.MW-7D had a large initial drop before stabilizing in the last four events. Water levels for the new wells MW-1S and MW-11S are plotted for the third quarter for the first time. Longer

term trends in water levels for the new and existing wells will be analyzed in response to precipitation and Facility activities as more data is obtained.

5.1.2 Groundwater Gradient

Potentiometric surface maps for the third quarter B event were developed for the SA (Figure 4) and the IZ (Figure 5). Water levels in the SA trend primarily northerly at a rate of 0.10 ft/ft to 0.21 ft/ft, or approximately 528 to 1,108 ft per mile. Water levels in the IZ trend north-northeasterly at a rate of 0.22 ft/ft, or 1,133 ft per mile. These flow directions and gradients are similar to the previous events observed at the Facility. Both the SA and IZ discharge into the AA north of the Facility within the Cowiche Valley.

5.1.3 Groundwater Flow

Groundwater particle velocity is described by the following relationship: V = K i / n, where:

V = particle velocity

K = hydraulic conductivity

i = gradient

n = effective porosity

Groundwater flow velocities were calculated using the average hydraulic conductivities for the SA and IZ (see Section 2.4.3), an assumed effective porosity of 0.2 (Nimmo et al 2003), and the calculated gradient (Section 5.1.2, above). Previous quarterly events included the minimum and maximum hydraulic conductivities; however, recent testing showed the minimum hydraulic conductivity of the SA was slightly lower. To simplify, just the averages from the hydrogeologic report (Parametrix 2025e) were used instead.

Shallow Aquifer

Average 1.62 to 3.27 ft/day (593 to 1,194 ft/year)

Interflow Zone

Average 2.15 ft/day (783 ft/ year)

5.2 Groundwater Quality

5.2.1 Data Quality Evaluation

Field data sheets from the third quarter 2025 events are presented in Appendix A and laboratory reports are presented in Appendix B. Appendix C presents an evaluation of the third quarter 2025 analytical and field data quality. The TDS result for MW-6S and total iron results for MW-8D and duplicate sample, MW-13S, during the A event and ammonia results for MW-4S and its duplicate sample, MW-13S, in the B event were qualified “J” as estimated due to results being outside acceptable relative percent differences.

5.2.2 Comparison of Data to Water Quality Criteria

Water quality data collected from the field meter from both A and B events does not appear to be accurate for pH, conductivity, and ORP. This appears to be the result of the meter going out of calibration during the sampling events.

- pH values were shifted higher and there were multiple pH exceedances above Water Quality Standards for Groundwaters of the State of Washington (GWQS) (MW-1S, MW-3S, MW-6S, MW-9D, and MW-11S). These data were rejected and R-flagged.
- ORP values were shifted negative and marked as estimated.
- Conductivity values were shifted lower for some wells and higher for others. There were multiple conductivity exceedances above GWQs. Outliers were rejected and R-flagged, other results found consistent with historical data were marked as estimated.

5.2.2.1 Shallow Aquifer Samples

The data from the SA wells for third quarter 2025 events are presented in Table 4 and were compared to GWQs (Chapter 173-200 WAC) and Maximum Contaminant Levels (MCLs; Chapter 246-290 WAC). Table 5 summarizes the parameters for which one or more of the above standards were exceeded and indicates the SA wells in which the standards were exceeded.

TPH and naphthalene concentrations were compared to MTCA Method A CULs. One event is presented for wells MW-1S, MW-2S, MW-3S, MW-4S, and MW-11S, and two events are presented for MW-5S and MW-6S.

The following concentrations in the SA wells above these criteria were observed in the third quarter 2025 events:

MW-1S

- Dissolved iron was above the MCL of 0.30 milligrams per liter (mg/L)
- Dissolved manganese was above the MCL of 0.05 mg/L
- Total iron was above the GWQS and MCL of 0.30 mg/L
- Total manganese was above the GWQS and MCL of 0.05 mg/L
- Vinyl chloride was above the GWQS of 0.02 micrograms per liter (µg/L)

MW-3S

- Nitrate was above the GWQS and MCL of 10 mg/L

MW-4S

- Specific conductivity was above the MCL of 700 µmhos/cm
- Nitrate was above the GWQS and MCL of 10 mg/L
- Total dissolved solids (TDS) was above the GWQS and MCL of 500 mg/L

MW-6S

- Specific conductivity was above the MCL of 700 µmhos/cm in the A event
- Nitrate was above the GWQS and MCL of 10 mg/L in both the A and B events

MW-11S

- Dissolved manganese was above the MCL of 0.05 mg/L
- Total iron was above the GWQS and MCL of 0.30 mg/L
- Total manganese was above the GWQS and MCL of 0.05 mg/L

No VOCs were detected above laboratory reporting limits (RLs) except for at MW-1S where vinyl chloride, acetone, and methylethylketone (MEK) were detected.. No gasoline or diesel/oil-range TPH were detected. TPH has been sampled since 2022 and has not been detected in the SA.

Multiple exceedances of metals were observed in new monitoring wells MW-1S and MW-11S. The VOCs in MW-1S and metals in MW-1S and MW-11S appear to be the result of the wells not being fully developed and remaining slightly turbid. MW-1S VOCs appear to be false positives and likely residual from drilling fluids. In the fourth quarter A event, VOCs were not detected in MW-1S and iron and manganese results were lower in both wells (Onsite Environmental, 2025).

The exceedances at MW-3S, MW-4S, and MW-6S are related to the potential impacts from the LPL. Statistical comparisons for MW-2S, MW-3S, and MW-4S are presented in Section 5.2.5. Background sampling is still occurring for SA wells MW-1S, MW-5S, MW-6S, and MW-11S.

5.2.2.2 Interflow Zone Samples

The data from the IZ wells for the third quarter 2025 events are presented in Table 6 and were compared to GWQS (Chapter 173-200 WAC) and MCLs (Chapter 246-290 WAC). Table 7 summarizes the compounds for which one or more of the above standards were exceeded and indicates the IZ wells in which the standards were exceeded.

The following concentrations in the IZ wells above these criteria were observed in the third quarter 2025 events:

MW-8D

- Total iron was above the GWQS and MCL of 0.3 mg/L in the A event

The aquifer at Well MW-9D is limited and water quality was compliant for iron and manganese for the first time since the well was constructed in 2024.

No VOCs were detected in the IZ wells above laboratory RLs.

5.2.3 Time-Series Plots

5.2.3.1 Groundwater

Time-series plots for inorganic parameters are presented in Appendix D. Data that have been identified as outliers for parameters that are evaluated statistically (Parametrix 2025f) and additional outliers for wells MW-2S and MW-3S identified for TOC have been excluded from the time-series plots. The data show a considerable degree of variability in TDS and some other analytes. It should be noted that the analytical laboratory has changed several times over the history of monitoring. The change of labs in the fourth quarter of 2022 is visible in the data. Some other apparent increasing trends have been observed in the inorganic parameters.

Data for the first sampling event of MW-9D in the third quarter of 2024 are anomalous for many parameters because the event was nonroutine and the well was turbid from development. As noted above, iron and manganese were non-detect for the first time in the third quarter 2025 event potentially indicating the well has been fully developed and background is finally being monitored.

Conductivity and pH values were rejected or estimated for many wells in the third quarter related to calibration issues on the field meter. The data is presented in the time series plots but rejected values will be removed when statistical analysis is performed for the annual report.

Alkalinity and Bicarbonate

Alkalinity and bicarbonate appear to be increasing at MW-4S, while generally stable/within the historical range in the remaining wells. A large increase in alkalinity occurred in 2022 for both MW-2S and MW-3S. This may be due to changing of labs.

Ammonia

Ammonia historically has rarely been detected in the wells. In the third quarter 2025, ammonia was detected in all wells except for MW-6S, MW-7D, and MW-9D in both events, and MW-5S MW-8D, and MW-10D in the A event. The data appear to be outliers similar to those that have occurred previously.

Dissolved Calcium

Dissolved calcium is increasing in wells MW-3S and MW-4S, with the highest detected concentration at MW-4S occurring in the second quarter 2025 B event. The first quarter 2025 dissolved calcium concentration at MW-6S was the highest detected value at that well. Concentrations were slightly lower for these wells in the third quarter of 2025. Background is still being established for MW-6S which is downgradient of MW-4S.

Chloride

Chloride appears to be increasing at MW-3S and is relatively stable at the remaining wells.

Conductivity

Conductivity appears increasing in MW-3S, MW-4S, and MW-6S. Conductivity increased dramatically in the 2025 second quarter at MW-4S to the highest measured to date but began decreasing in the third quarter 2025. The field meter has been having calibration issues as confirmed in the third quarter and recent conductivity increases may not be accurate.

Total and Dissolved Iron

Total and dissolved iron show high variability in the data particularly in the new IZ wells. MW-9D was the lowest iron concentrations measured at the well to-date during the third quarter 2025.

Total and Dissolved Magnesium

Total and dissolved magnesium concentrations appear to be increasing in wells MW-3S and MW-4S. The second quarter 2025 concentration in MW-4S were the highest detected values at that well and were slightly lower in the third quarter 2025. Increases at MW-3S started in approximately 2019 and at MW-4S in 2022.

Total and Dissolved Manganese

Total and dissolved manganese show high variability particularly in the new SA and IZ wells, though concentrations appear to be decreasing including at MW-9D where it was non-detect for the first time in the third quarter 2025.

Nitrate

Apparent increases in nitrate are visible for MW-3S and MW-6S. MW-4S has been increasing and was observed to be the highest measured to date in the second quarter 2025. Nitrate was slightly lower at MW-4S in the third quarter event. Concentrations at MW-3S appear to be flattening.

However, at MW-6S (downgradient of MW-4S) concentrations continue to increase. Nitrate increases have been slow at MW-3S occurring over a long period while nitrate increases at MW-4S have been from 2022 to the present.

pH

pH has been relatively stable for most wells except for the third quarter of 2025. As noted above, data from nearly all the wells were elevated due to meter calibration issues and were rejected.

Dissolved Potassium

Dissolved potassium is relatively stable in most wells with a slight increasing trend at MW-4S.

Dissolved Sodium

Dissolved sodium results appear relatively stable except MW-9D which has shown a dramatic decrease.

Sulfate

Apparent increases in sulfate are present at MW-3S and MW-4S first occurring around 2022. The third quarter 2025 results were slightly lower than the historical highs that occurred in the second quarter 2025.

Total Dissolved Solids

Apparent increases in TDS appear at MW-3S and MW-4S started in 2022. The other wells appear to be relatively stable.

Total Organic Carbon

TOC appears relatively stable across all wells.

5.2.3.2 Leachate

First quarter 2025 was the first time leachate samples were collected from the Phase 2 leachate pond (Parametrix 2025h, Figure 2). As additional leachate data are collected, time-series plots showing leachate through time will be developed.

5.2.4 Geochemical Evaluation

5.2.4.1 Cation/Anion Balances

Cation/anion balance evaluations for the 2025 third quarter events are presented in Appendix E. Cation/anion balances are a standard check of inorganic water quality data. When all the major anions and cations have been accurately determined, the sum of the anions in milliequivalents per liter (meq/L) should equal the sum of the cations expressed in the same units. WAC 173-351-420(5)(a) specifies that a 5 percent difference is acceptable if the anion plus cation sum of the sample is greater than 5 meq/L, while a 10 percent difference is acceptable if the anion plus cation sum of the sample is less than 5 meq/L.

The third quarter 2025 cation/anion balance differences were all within acceptable limits.

5.2.4.2 Trilinear Diagram

A trilinear (piper) diagram showing the third quarter 2025 data is presented in Appendix E. Piper diagrams are trilinear graphical representations of inorganic water quality, where major anions

(chloride, sulfate, and bicarbonate + carbonate) and cations (calcium, magnesium, and sodium + potassium) are plotted on a molar equivalent basis, on two triangular graphs, and the combined data projected onto a quadrilateral field, or four-sided graph. The Piper diagram can be used to compare different water samples to evaluate the degree of similarity, mixing relationships, time trends, etc.

Groundwater quality in the monitoring wells shows some variations in cation and anion distributions suggesting slightly differing geochemical conditions. The cation distributions in all monitoring wells fell within a similar zone with the principal cations being calcium and magnesium. The anion distributions were more variable.

The third quarter 2025 data were generally consistent with historical data from prior events. Anions in SA wells MW-1S, MW-2S, MW-11S, and IZ wells MW-7D and MW-10D were dominantly bicarbonate, while the other wells had varying proportions of bicarbonate, sulfate and chloride. Wells MW-4S, MW-5S, MW-8D, and MW-9D had slightly higher proportions of bicarbonate compared to wells MW-3S and MW-6S, which had slightly higher proportions of chloride. The data was relatively consistent between the two third quarter events.

MW-2S is screened slightly lower in the SA than the other monitoring wells and includes the flow top zone of the Grande Ronde Basalt. The Piper diagram is consistent with the slight differences in geochemistry anticipated due to differing positions of these wells and MW-2S more closely resembles the geochemistry of the other wells completed in the IZ of the Grande Ronde Basalt.

As noted in the first quarter report (Parametrix, 2025h), the leachate sample had slightly higher proportions of sulfate and calcium with respect to the majority of the groundwater samples.

5.2.5 Statistical Analysis of Groundwater Quality Data

5.2.5.1 Statistical Approach

Washington's Solid Waste Landfill regulations (Chapter 173-350 WAC) require evaluation of groundwater monitoring data to identify if a statistically significant increase above background has occurred. The current statistical approach is summarized in the 2024 annual report (Parametrix 2025f) and consists of comparing quarterly data for a subset of leachate indicator parameters to upper prediction limits (UPLs). Control charts are also used to supplement the UPLs to evaluate whether any trends are occurring that could potentially be attributable to the landfill, including comparing compliance data to Shewhart Control Limits (SCLs) and calculated cumulative sums (CUSUMs) to the calculated control limits (h), where percentages of non-detected values are greater than 50 percent.

An intrawell (i.e., within the same well) statistical approach is being used to evaluate compliance at the SA wells MW-2S, MW-3S, and MW-4S since there are no upgradient background wells within the SA. Intrawell background data is still being established at SA wells MW-5S and MW-6S. For the IZ, MW-10D is a background data point upgradient of the Facility. The initial eight data points for MW-10D and the downgradient monitoring wells MW-7D, MW-8D, and MW-9D will be completed at the end of 2025 and statistical analysis will be completed at that time for use in the 2026 monitoring program. Due to aquifer heterogeneity, intrawell comparisons are anticipated for the IZ wells as water quality is variable (Table 6). As noted above, leachate is currently being sampled, and the data may be used in the future to refine the subset of leachate indicator parameters.

A subset of leachate indicator parameters from Chapter 173-350 WAC are being used to establish statistical limits for the three monitoring wells that have established background (MW-2S, MW-3S, and MW-4S).

The following parameters were selected for formal statistical analysis:

- pH
- chloride
- nitrate
- sulfate
- ammonia
- TDS
- total and dissolved iron
- total and dissolved manganese

The time series plots and apparent trends (Section 5.2.3 above) and comparison of groundwater to leachate data (Section 5.2.2.3 above), show these parameters appear to be appropriate leachate indicators for the statistical program.

The statistical limits are used in the following way to evaluate groundwater quality at the Rocky Top Environmental LPL:

- For a statistically significant increase (monitoring data exceeding a limit for two consecutive quarters) that cannot be attributed to sampling error, the monitoring data will be compared to the water quality standard in Chapter 173-200 WAC (if available).
- If the water quality standard is exceeded, the monitoring data will be compared to any historical data values that were flagged as outliers to determine whether the monitoring data are within the range of historical data. Because historical outliers were flagged based on statistical tests and visual assessments but could not be verified as outliers through additional data evaluation such as resampling or laboratory review, those values may actually represent a portion of the background population.
- For parameters that are never detected, a confirmed exceedance is registered if any well-constituent pair in the 100% non-detect group exhibits quantified measurements in two consecutive sample and resample events.

5.2.5.2 Third Quarter 2025 Statistical Evaluation

The statistical approach for evaluating data at the LPL was used to evaluate whether any statistically significant increases are present that could potentially be attributable to the landfill. Table 8 compares the third quarter 2025 event B data to the UPLs and SCLs (Parametrix 2025f and Appendix F). Control charts updated with third quarter 2025 data are presented in Appendix F.

The following exceedances were identified:

MW-3S

- Chloride exceeded the UPL of 47.39 mg/L but was below the SCL of 85.84 mg/L
- Nitrate exceeded the UPL of 9.837 mg/L but was below the SCL of 18.23 mg/L
- Sulfate exceeded the UPL of 46.12 mg/L and the SCL of 81.34 mg/L
- TDS exceeded the UPL of 293.6 mg/L but was below the SCL of 533.1 mg/L

MW-4S

- Ammonia exceeded the UPL of 0.085 mg/L

Three VOCs were detected in MW-1S (these have never been detected at the Facility in groundwater before). Re-testing of the VOCs was completed in the fourth quarter A event. No VOCs were detected in MW-1S, and the statistical exceedance was not confirmed (OnSite Environmental, 2025).

The pH UPL exceedances observed in MW-3S and MW-4S were due to calibration issues with the meter and the data was rejected.

The concentrations of chloride, nitrate, sulfate, and TDS at MW-3S have exceeded UPLs for more than two consecutive quarters (Parametrix 2025f). The first through third quarter nitrate concentrations were above the GWQS/MCL, although concentrations of chloride, sulfate, and TDS remained below GWQS/MCLs. These statistically significant increases will continue to be evaluated in on-going monitoring. Two new monitoring wells, MW-1S and MW-11S, have been constructed downgradient of MW-3S, and excavation of the temporary fill area is being implemented. Concentrations in the new wells are an order of magnitude lower than MW-3S, suggesting the landfill impacts are bound within the existing monitoring well network.

Nitrate was above the UPL at MW-4S in the second quarter where the concentration was the highest concentration recorded at the well but decreased in the third quarter below the UPL. Other leachate parameters that have been observed to have increasing trends or exceedances of groundwater quality criteria in the well recently including conductivity and TDS but were found below their UPLs in the third quarter.

6. Conclusions

This report summarizes the third quarter 2025 monitoring at the Rocky Top Environmental LPL in compliance with WAC 173-350-500 which consisted of two separate monitoring events: August 2025 (A event) for six monitoring wells (MW-5S, MW-6S, MW-7D, MW-8D, MW-9D, and MW-10D) and September 2025 (B event) for all the wells, including for the two newly-constructed monitoring wells (MW-1S, and MW-11S). Additional monitoring events are being completed to establish background water quality at the six monitoring wells completed in 2024 (MW-5S, MW-6S, MW-7D, MW-8D, MW-9D, and MW-10D). Leachate was sampled during the first quarter B event (Parametrix, 2025h).

Water levels (Table 3) for the SA and IZ show predominantly northerly gradients (Figures 4 and 5). Groundwater flow velocities were calculated to average 1.62 to 3.27 ft/day for the SA and 2.15 ft/day for the IZ. Water levels appear to follow a seasonal pattern; however, some decreasing levels have been observed historically (Figure 3).

Leachate levels in the leachate pond were approximately 2.00 ft, indicating the pond levels have significantly decreased since the first quarter. No water was observed in the leachate pond leak detection sump.

Groundwater samples were compared to GWQSs and MCLs (Tables 4 and 6) and the following exceedances (Tables 5 and 7) were identified in at least one of the events:

- Nitrate was above the GWQS and MCL in MW-3S, MW-4S, and MW-6S
- Specific conductivity was above the MCL in MW-4S, MW-5S (A and B), and MW-6S (A)
- TDS was above the GWQS and MCL in MW-4S
- Total iron was above the GWQS and MCL in MW-1S and MW-11S, MW-8D in the A event; dissolved iron was above the GWQS and MCL in MW-1S
- Manganese (total and dissolved) was above the GWQS and MCL in MW-1S and MW-11S

Time series plots were developed (Appendix D), and apparent increasing trends were observed at MW-3S and MW-4S for several leachate indicator parameters; however, they were slightly lower concentrations in the third quarter after peaking in second quarter 2025. MW-6S also showed potential increasing trends for several parameters and is downgradient of MW-4S; however, background is still being established.

A geochemical evaluation of cations/anions were performed (Appendix E), and cation/anion balance differences were within limits for all the wells.

Results for MW-2S, MW-3S, and MW-4S were compared to established UPLs and SCLs for ten leachate indicator parameters (Table 8). MW-3S concentrations have exceeded the UPLs for chloride, nitrate, sulfate, and TDS for more than two consecutive quarters (Parametrix 2025f), and sulfate concentrations exceeded the SCLs in the second and third quarter 2025 events. The concentration of nitrate in MW-3S also exceeded the GWQS and MCL. These statistically significant increases are currently being addressed through downgradient delineation consistent with the RI Work Plan (Parametrix, 2025d). The new wells downgradient of MW-3S (MW-1S and MW-11S) were found below GWQs and MCL confirming the nitrate plume is within the monitoring well network.. Other leachate parameters that have been observed to have increasing trends or exceedances of groundwater quality criteria in MW-4S (nitrate, conductivity, TDS) were found below their UPLs except for ammonia in the third quarter of 2025.

Three VOCs were detected in MW-1S during the third quarter 2025; however, these appear to be false positives relate to leftover drilling fluids as the well was relatively new and still being developed. The VOCs were absent in the fourth quarter A event (OnSite Environmental, 2025); and the exceedance was not confirmed.

Assessment monitoring is being implemented at the LPL and the new monitoring wells will assist in determining the fate and transport of landfill contaminants. The monitoring wells are being analyzed for additional MTCA contaminants as part of the Limited RI under the AO. MTCA monitoring for the additional contaminants is reported separately. Potential impacts related to the landfill at MW-4S have been investigated with additional downgradient monitoring wells MW-5S and MW-6S and potential impacts at MW-3S are being investigated with additional monitoring wells MW-1S and MW-11S being recently drilled and constructed (Figure 2). The wells were sampled for the first time in the third quarter 2025 and appear to show the plume is contained within the existing monitoring well network.

6.1 Recommendations

The following recommendations and planned activities are based on the data presented in this report:

- The SAP will be updated now that both MW-1S and MW-11S have been constructed.
- In addition to routine quarterly monitoring, one additional event in 2026 should be completed at MW-1S and MW-11S so that statistical analysis can likely be completed following the 2026 Annual Report.
- TPH and VOCs have been monitored in SA monitoring wells since 2022, and VOCs are being analyzed in samples from the IZ wells. TPH was recommended to be removed from monitoring in the 2024 annual report. VOCs likely should also be removed from monitoring. Samples should continue to be analyzed for TPH and VOCs in 2025 while the RI is on-going and background is being established; however, we recommend removal once background has been completed.

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8. Limitations

The conclusions expressed herein are based solely on material referenced in this report. Observations were made under the conditions stated. Within the limitations of scope, schedule and budget, these services were executed in accordance with generally accepted professional principles and practices in the area at the time the report was prepared. No warranty, expressed or implied, is made. Experience has shown that subsurface soil and groundwater conditions can vary significantly over small distances. The findings and conclusions must not be considered as scientific or engineering certainties, but rather as our professional opinion concerning the significance of the limited data gathered and interpreted during the course of the assessment.

This study and report have been prepared on behalf of DTG, for the specific application to the subject property. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

Figures

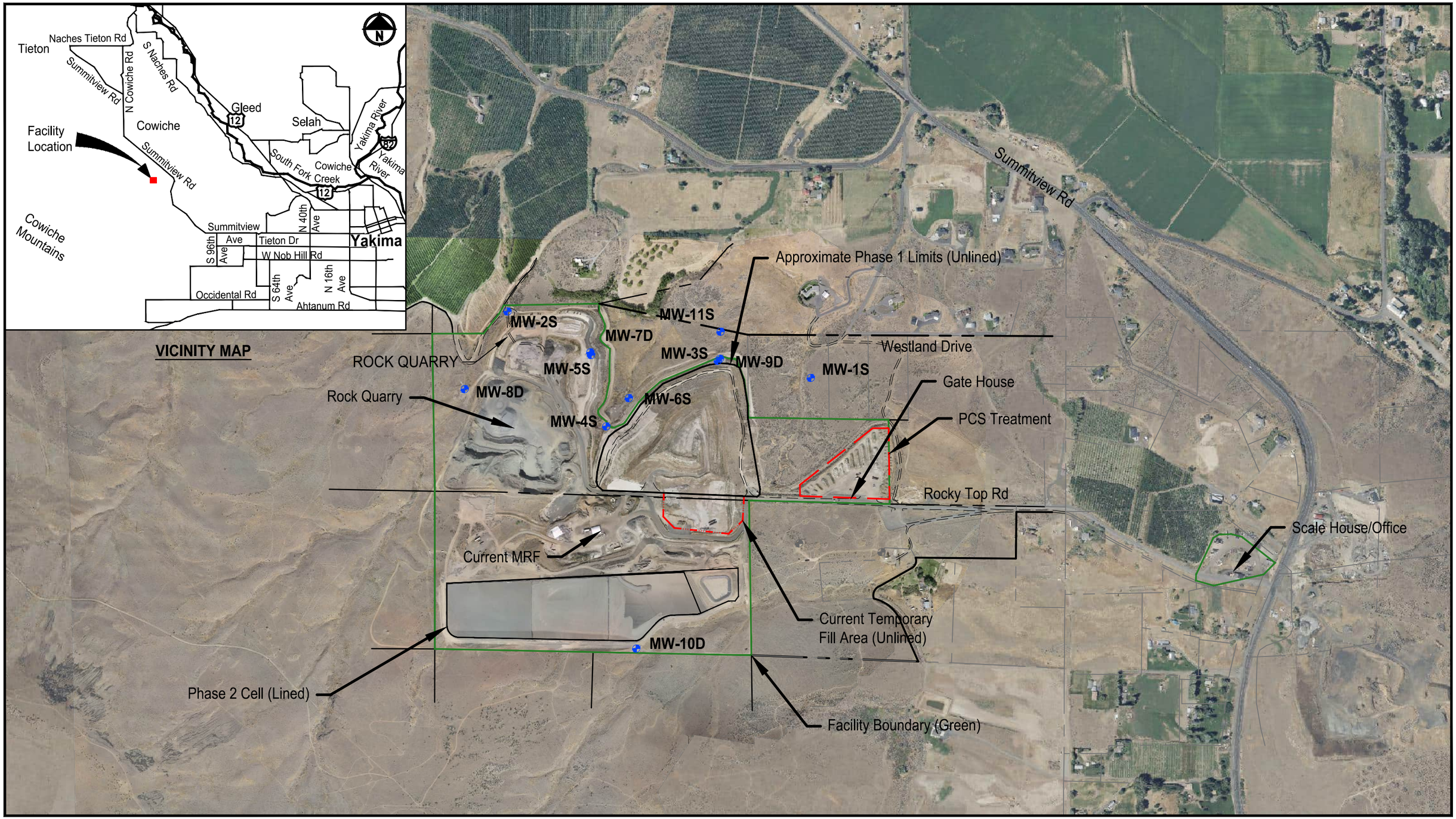
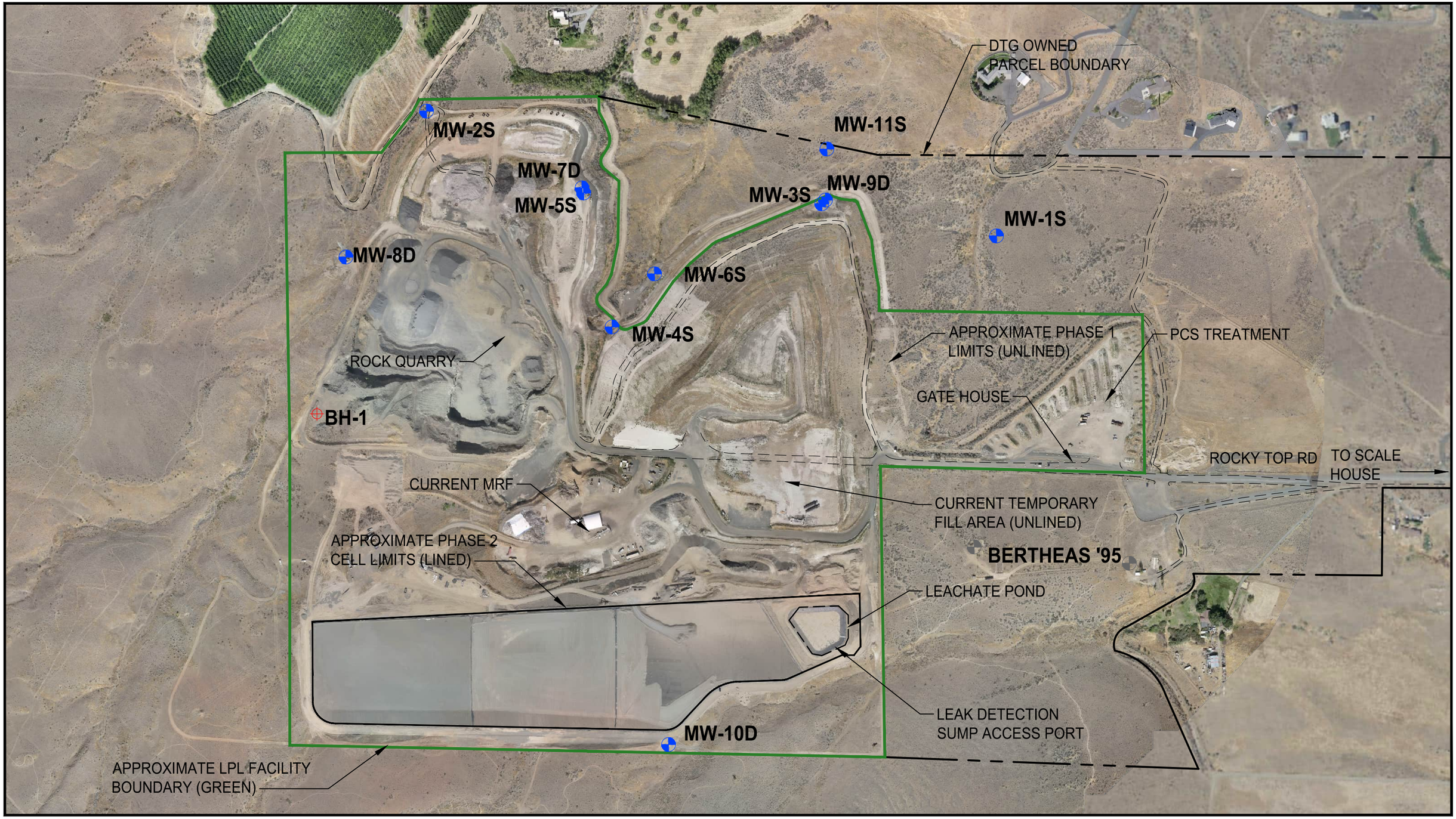


Figure 1
Facility Vicinity Map
Rocky Top Environmental Limited Purpose Landfill



Parametrix DATE: October 27, 2025 FILE: PS8472008–FIGURE 1 – VICINITY MAP

N

0 400

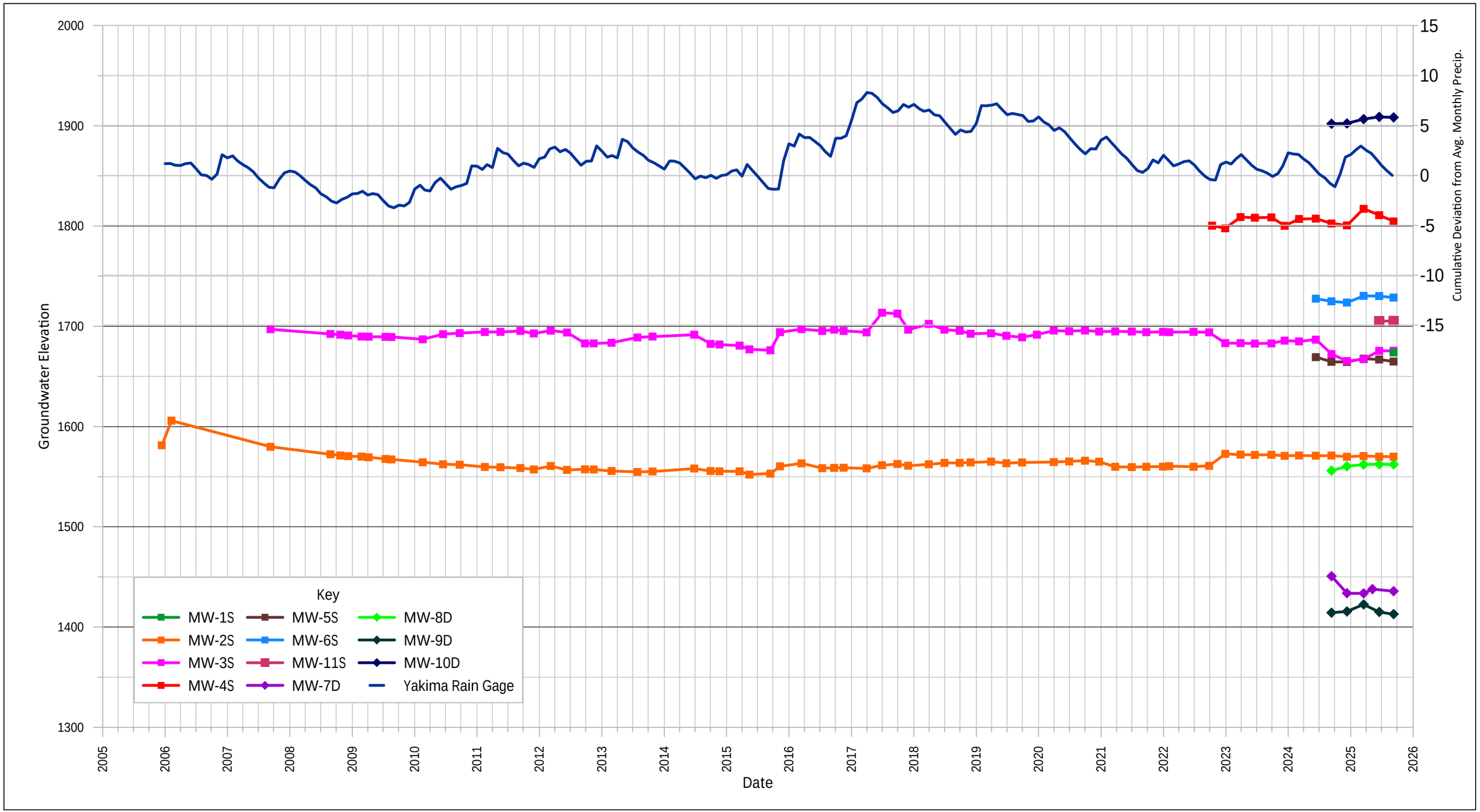
1 INCH = 400 FT.

Monitoring Well

Borehole

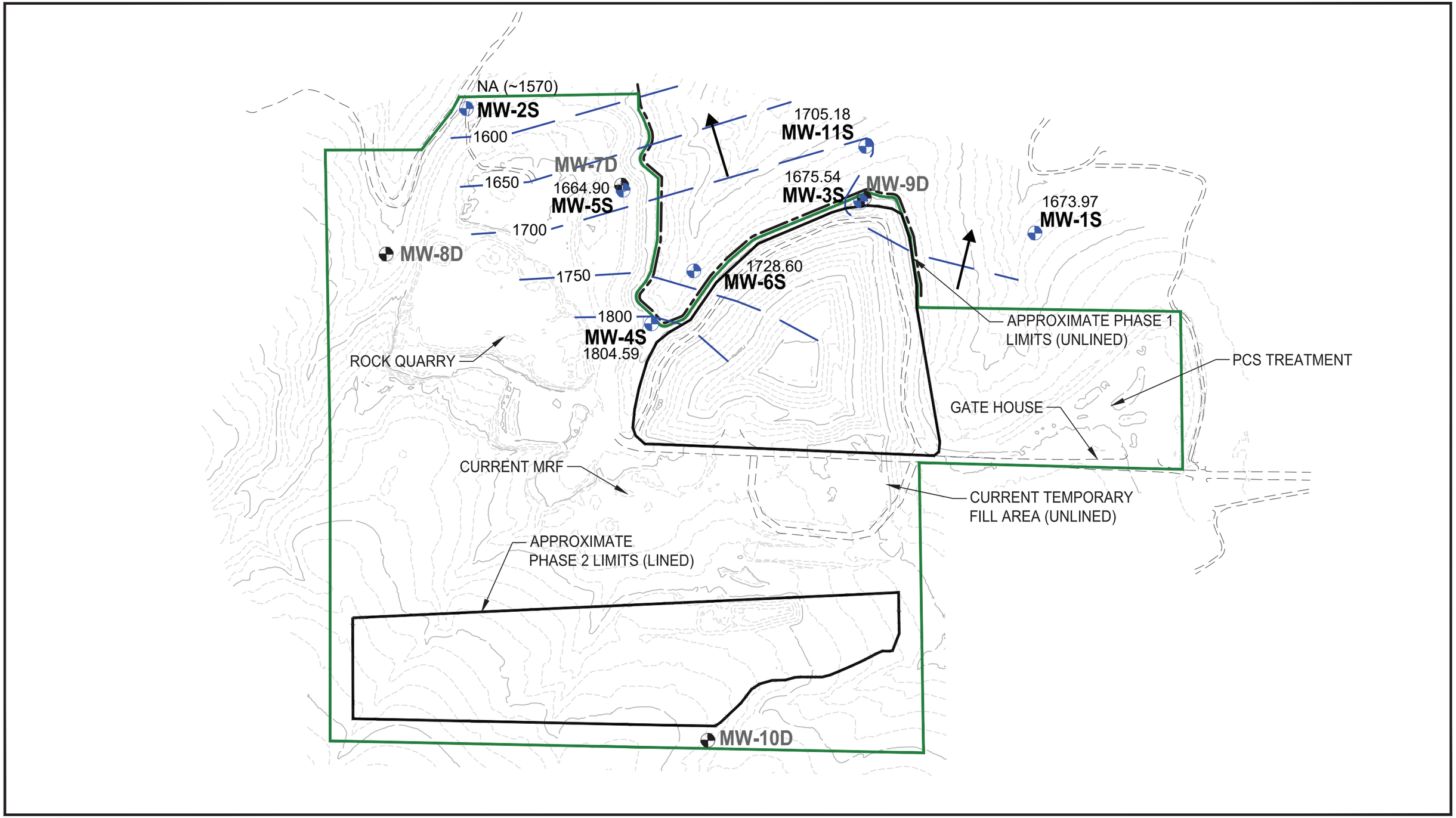
Decommissioned Well

Figure 2
Well Location Map
Rocky Top Environmental Limited Purpose Landfill



Parametrix

Figure 3
Water Level Summary
Rocky Top Environmental Limited Purpose Landfill



Parametrix DATE: November 14, 2025 FILE: 8472009-QUARTERLYRPT FIGURE 4-5 -Q3

0 N 400
1 INCH = 400 FT.

1817.19 Monitoring Well with Water Level Elevation in feet measured on September 9, 2025

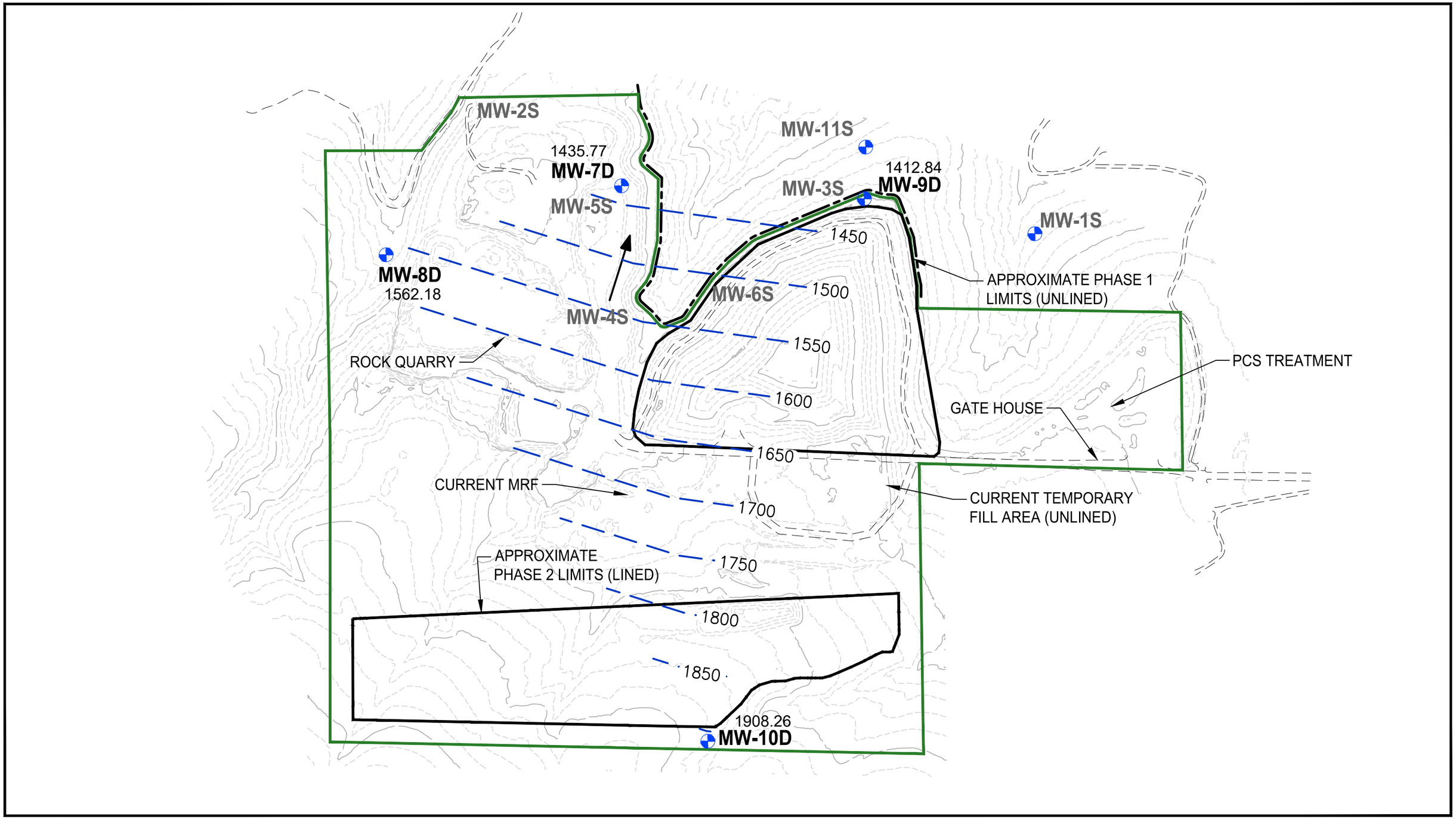
Monitoring Well not used in contours

Approximate Groundwater flow direction

1700 Groundwater Elevation Contour (ft)

LPL Facility Boundary

Figure 4
Third Quarter 2025
Shallow Aquifer Potentiometric Surface
Rocky Top Environmental Limited Purpose Landfill



Parametrix DATE: October 27, 2025 FILE: 8472009-QUARTERLYRPT FIGURE 4-5 -Q3

0 N 400
1 INCH = 400 FT.

1433.58 Monitoring Well with Water Level Elevation in feet measured on September 9, 2025

Monitoring Well not used in contours

Approximate Groundwater flow direction

1700 Groundwater Elevation Contour (ft)

LPL Facility Boundary

Figure 5
Third Quarter 2025
Intermediate Zone Potentiometric Surface
Rocky Top Environmental Limited Purpose Landfill

Tables

Table 1. Well Detail Summary

Well ID	Northing	Easting	Ground Elevation (ft)	TOC Elevation (ft)	Screen Interval (ft bgs)	Completion Zone	Pump Type	Pump Depth (ft bgs)
MW-1S	473263.04	1593612.05	1774.97	1776.94	113-133	SA	P1101M-Z	123
MW-2S	473814.19	1591095.99	1856.31	1858.36	310-330	SA	P1101HM-Z	316.5
MW-3S	473404.76	1592840.90	1843.82	1845.92	188-198	SA	P1101M-Z	189.5
MW-4S	472860.94	1591915.35	1843.44	1845.59	49-69	SA	P1101M-Z	56.5
MW-5S	473452.58	1591789.89	1881.53	1883.88	222-242	SA	P1101M-Z	236
MW-6S	473095.44	1592102.50	1822.97	1825.31	110-130	SA	P1101M-Z	123
MW-7D	473475.06	1591782.75	1881.68	1883.88	475-495	IZ	P1101HM-Z	485.5
MW-8D	473169.85	1590740.82	1861.60	1863.94	375-405	IZ	P1101HM-Z	390.5
MW-9D	473421.50	1592857.26	1845.25	1847.49	420-440	IZ	P1101HM-Z	439.5
MW-10D	471017.47	1592164.59	1986.47	1988.77	150-170	IZ	P1101M-Z	160.5
MW-11S	473646.54	1592863.47	1820.98	1823.22	219-239	SA	P1101M-Z	229

SA = Shallow Aquifer
bgs = below ground surface
IZ = Interflow zone

Table 2. Groundwater Analyses and Analytical Methods

Analyte	Methods
Temperature	field
pH	field
Specific conductivity	field
Alkalinity as $CaCO_3$	SM 2520B
Ammonia	EPA 350.1
Bicarbonate as $CaCO_3$	Calculation
Calcium (D)	SM3111B
Chloride	SM4500-Cl E
Iron (D&T)	SM3111B
Magnesium (D&T)	SM3111B
Manganese (D&T)	SM3111B
Nitrate as N	EPA 353.2
Potassium (D)	SM3111B
Sodium (D)	SM3111B
Sulfate	ASTM D516-90
Total Dissolved Solids	SM2540C
Total Organic Carbon	SM 2550B
Volatile Organic Compounds	EPA 8260D*
Total Petroleum Hydrocarbons – Gasoline range	NWTPH-Gx
Total Petroleum Hydrocarbons – Diesel/Oil range	NWTPH-Dx

D = Dissolved

T = Total

*WAC 173-351-430 parameter list

Table 3. Groundwater Elevations, Third Quarter 2025, Rocky Top Environmental Limited Purpose Landfill

Well Number	Measurement Date	Elevation Top of PVC Casing (feet)	Depth to Groundwater (feet below top of casing)	Groundwater Elevation (feet)
MW-1S	9/9/2025	1776.94	102.97	1673.97
MW-2S	NA	1858.36	NA	NA
MW-3S	9/9/2025	1845.92	170.38	1675.54
MW-4S	9/9/2025	1845.59	41.00	1804.59
MW-5S	9/9/2025	1883.88	218.98	1664.90
MW-6S	9/9/2025	1825.31	96.71	1728.60
MW-11S	9/9/2025	1823.22	109.82	1705.18
MW-7D	9/9/2025	1883.88	448.11	1435.77
MW-8D	9/9/2025	1863.94	301.76	1562.18
MW-9D	9/9/2025	1847.49	434.65	1412.84
MW-10D	9/9/2025	1988.77	80.51	1908.26

Notes:

Elevation datum based on NAD83

NA = Not measured

Table 4. Third Quarter 2025 Shallow Aquifer Groundwater Quality Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	GWQS	MCL	MW-1S 9/10/2025	MW-2S 9/9/2025	MW-3S 9/10/2025	MW-4S 9/10/2025	MW-13S (MW-4S Dup) 9/10/2025	MW-5S 8/4/2025	MW-5S 9/9/2025	MW-6S 8/5/2025	MW-6S 9/10/2025	MW-11S 9/10/2025	Trip Blank 8/4/2025	Trip Blank 9/9/2025
Field Data															
pH		6.5-8.5		9.30 R	7.26 C	8.83 R	8.12 R	--	7.62	7.72	7.07	9.27 R	9.37 R	--	--
Conductivity	µmhos/cm		700 **	257.9 C	709.6 R	689 C	**1131 C**	--	**720.7**	**709.9 C**	**723.3**	617 C	271 C	--	--
Temperature	C			15.4	16.6	15.0	19.4	--	15.1	17.8	12.8	14.1	14.4	--	--
Redox	mv			-74.1 C	181.6 C	-1.2 C	-5.2 C	--	144.3	8.5 C	224.1	-32.4 C	-17.0 C	--	--
Dissolved Oxygen	mg/L			0.09	7.25	5.00	8.11	--	2.03	1.18	4.31	3.97	0.44	--	--
Turbidity	NTU			2.36	0.38	0.25	3.12	--	--	1.61	--	0.33	4.91	--	--
Metals															
Calcium, Dissolved	mg/L			18	13	50	100	100	28	28	44	45	19	--	--
Iron, Dissolved	mg/L		0.3 **	**1.1**	<0.056	<0.056	<0.056	<0.056	0.081	0.073	<0.056	<0.056	<0.056	--	--
Magnesium, Dissolved	mg/L			10	8.8	35	74	75	17	18	30	30	13	--	--
Manganese, Dissolved	mg/L		0.05 **	**0.62**	<0.011	<0.011	<0.011	<0.011	0.025	0.021	<0.011	<0.011	**0.14**	--	--
Potassium, Dissolved	mg/L			2.8	3.1	4.8	6.7	6.7	3.4	3.5	4.2	4.6	3.5	--	--
Sodium, Dissolved	mg/L			18	9.2	19	21	22	18	17	16	16	13	--	--
Iron, Total	mg/L	0.30 **	0.3 **	**1.1**	<0.050	<0.050	<0.050	<0.050	0.14	0.16	<0.050	<0.050	**0.30**	--	--
Magnesium, Total	mg/L			9.8	8.1	36	67	67	18	16	30	28	13	--	--
Manganese, Total	mg/L	0.05 **	0.05 **	**0.57**	<0.010	<0.010	<0.010	<0.010	0.028	0.030	<0.010	<0.010	**0.14**	--	--
Water Quality Parameters															
Alkalinity, Total	mg CaCO3/L			120	82	100	160	160	110	110	92	88	110	--	--
Bicarbonate	mg CaCO3/L			120	82	100	160	160	110	110	92	88	110	--	--
Total Dissolved Solids	mg/L	500 **	500 **	130	120	410	**640**	**670**	220	210	210	330 J	150	--	--
Chloride	mg/L	250 **	250 **	4.4	2.4	67	42	43	18	17	61	62	7.2	--	--
Sulfate	mg/L	250 **	250 **	6.2	5.5	96	120	130	57	59	56	66	15	--	--
Ammonia (NH3) as Nitrogen (N)	mg/L			0.12	0.071	0.069	0.21 J	0.070 J	<0.053	0.24	<0.053	<0.053	0.13	--	--
Total Organic Carbon	mg/L			<1.0	<1.0	3.0	3.9	3.8	<1.0	<1.0	2.9	3.1	<1.0	--	--
Nitrate	mg/L-N	10 *	10 *	<0.200	0.731	**11.6**	**66.3**	**68.1**	<0.200	0.239	**11.7**	**12.8**	0.551	--	--
Total Petroleum Hydrocarbons															
Gasoline Range Organics [a]	µg/L	MTCA Method A:	1000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	--	<100
TPHDx															
Diesel Range Organics	mg/L			<0.20	<0.21	<0.21	<0.25	<0.24	<0.21	<0.21	<0.24	<0.24	<0.20	--	--
Lube Oil Range Organics	mg/L			<0.20	<0.21	<0.21	<0.25	<0.24	<0.21	<0.21	<0.24	<0.24	<0.20	--	--
Total TPHDx	mg/L	MTCA Method A:	0.5	<0.20	<0.21	<0.21	<0.25	<0.24	<0.21	<0.21	<0.24	<0.24	<0.20	--	--
Volatile Organic Compounds															
Chloromethane	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	µg/L	0.02 ***	2 *	0.030 FP	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Bromomethane	µg/L			<1.4	<1.4	<1.4	<1.4	<1.4	<1.0	<1.4	<1.0	<1.4	<1.4	<1.0	<1.4
Chloroethane	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
CFC-11, Trichlorofluoromethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethene	µg/L		7 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Acetone	µg/L			15_{FP}	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl Iodide	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methylene Chloride	µg/L	5 ***	5 *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acrylonitrile	µg/L	0.07 ***		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trans-1,2-Dichloroethene	µg/L		100 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethane	µg/L	1 ***		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Vinyl Acetate	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4. Third Quarter 2025 Shallow Aquifer Groundwater Quality Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	GWQS	MCL	MW-1S 9/10/2025	MW-2S 9/9/2025	MW-3S 9/10/2025	MW-4S 9/10/2025	MW-13S (MW-4S Dup) 9/10/2025	MW-5S 8/4/2025	MW-5S 9/9/2025	MW-6S 8/5/2025	MW-6S 9/10/2025	MW-11S 9/10/2025	Trip Blank 8/4/2025	Trip Blank 9/9/2025
Volatile Organic Compounds (cont.)															
cis-1,2-Dichloroethene	µg/L		70 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
2-Butanone	µg/L			10_{FP}	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bromochloromethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	µg/L	7 ***	80 * THM	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,1-Trichloroethane	µg/L	200 *	200 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Carbon Tetrachloride	µg/L	0.3 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Benzene	µg/L	1 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	µg/L	0.5 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichloroethene	µg/L	3 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloropropane	µg/L	0.6 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dibromomethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorobromomethane	µg/L	0.3 ***	80 * THM	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
cis-1,3-Dichloropropene	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
4-methyl-2-pentanone	µg/L			<2.7	<2.7	<2.7	<2.7	<2.7	<2.0	<2.7	<2.0	<2.7	<2.7	<2.0	<2.7
Toluene	µg/L		1000 *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trans-1,3-Dichloropropene	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	µg/L		5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Tetrachloroethene	µg/L	0.8 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
2-Hexanone	µg/L			<2.6	<2.6	<2.6	<2.6	<2.6	<2.0	<2.6	<2.0	<2.6	<2.6	<2.0	<2.6
Dibromochloromethane	µg/L		80 * THM	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dibromoethane (EDB)	µg/L	0.001 ***	0.05 *	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Chlorobenzene	µg/L		100 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,1,2-Tetrachloroethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Ethylbenzene	µg/L		700 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
m, p-Xylene	µg/L			<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
o-Xylene	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Styrene	µg/L		100 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Bromoform	µg/L	5 ***	80 * THM	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2,3-Trichloropropane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
trans-1,4-Dichloro-2-butene	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	µg/L	4 ***	75 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene	µg/L		600 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dibromo-3-chloropropane	µg/L		0.2 *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	µg/L	MTCA Method A:	160	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

GWQS = Water Quality Standards for Ground Waters of the State of Washington (WAC 173-200)
MCL = Maximum Contaminant Level, State Drinking Water Regulations (WAC 246-290)
MTCA = Model Toxics Control Act (WAC 173-340)
[a] = Gasoline with no benzene present
* = Primary
** = Secondary
*** = Carcinogen
*THM = Primary MCL for the sum of all trihalomethanes
*XYL = Primary MCL for the sum of all xylenes

= Does not meet GWQS or MCL
-- = Not analyzed
C = Estimated; calibration issues due to field meter, data may be rejected later
J = Estimated value
R = Rejected due to field meter anomalies
FP = Data appears to be a false positive due to residual from drilling fluids, not detected in subsequent monitoring

Table 5. Shallow Aquifer Groundwater Samples that Failed to Meet Applicable Groundwater Standards in Third Quarter 2025

	Type of Standard								
Analyte	GWQS	MCL	MW-1S	MW-2S	MW-3S	MW-4S	MW-5S	MW-6S	MW-11S
Specific Conductivity	- -	Secondary	- -	- -	- -	3B	3A, 3B	3A	- -
Iron, Dissolved	- -	Secondary	3B	- -	- -	- -	- -	- -	- -
Iron, Total	Secondary	Secondary	3B	- -	- -	- -	- -	- -	3B
Manganese, Dissolved	- -	Secondary	3B	- -	- -	- -	- -	- -	3B
Manganese, Total	Secondary	Secondary	3B	- -	- -	- -	- -	- -	3B
Nitrate	Primary	Primary	- -	- -	3B	3B	- -	3A, 3B	- -
Total Dissolved Solids	Secondary	Secondary	- -	- -	- -	3B	- -	- -	- -
Vinyl Chloride	Carcinogen	Primary	3B	- -	- -	- -	- -	- -	- -

3A = August 2025 (MW-1S, MW-2S, MW-3S, MW-4S, MW-11S not sampled)
3B = September 2025
- - = Data did not exceed groundwater standard
GWQS = Water Quality Standards for Groundwaters of the State of Washington (WAC 173-200)
MCL = State Maximum Contaminant Levels (WAC 246-290)

Table 6. Third Quarter 2025 Interflow Zone Groundwater Quality Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	GWQS	MCL	MW-7D 8/4/2025	MW-7D 9/9/2025	MW-8D 8/4/2025	MW-13S (MW-8D Dup) 8/4/2025	MW-8D 9/9/2025	MW-9D 8/5/2025	MW-9D 9/10/2025	MW-10D 8/5/2025	MW-10D 9/10/2025	Trip Blank 8/4/2025	Trip Blank 9/9/2025
Field Data														
pH		6.5-8.5		7.35 C	7.92 C	8.14 C	--	8.10 C	7.53 C	9.01 R	7.67 C	8.07 R	--	--
Conductivity	µmhos/cm		700 **	720.8 R	709.5 R	720.5 R	--	709.8 R	723.3 R	486.6 C	719.8 R	244.5 C	--	--
Temperature	C			17.3	17.0	16.2	--	16.8	14.9	15.5	17.4	18.4	--	--
Redox	mv			196 C	62.5 C	153.4 C	--	139.3 C	203.6 C	-30.8 C	191.7 C	-24.0 C	--	--
Dissolved Oxygen	mg/L			2.84	1.32	0.39	--	0.75	9.95	4.95	7.62	4.04	--	--
Turbidity	NTU			--	0.36	28.75	--	1.51	6.81	0.44	--	0.41	--	--
Metals														
Calcium, Dissolved	mg/L			13	14	24	24	26	31	33	18	19	--	--
Iron, Dissolved	mg/L		0.3 **	<0.056	0.077	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	--	--
Magnesium, Dissolved	mg/L			9.7	10	17	17	18	20	21	11	11	--	--
Manganese, Dissolved	mg/L		0.05 **	0.031	0.034	0.024	0.024	0.033	<0.011	<0.011	<0.011	<0.011	--	--
Potassium, Dissolved	mg/L			2.4	2.8	2.6	2.6	3.2	2.2	2.7	2.2	2.6	--	--
Sodium, Dissolved	mg/L			10	17	18	18	19	26	27	12	12	--	--
Iron, Total	mg/L	0.30 **	0.30 **	0.059	0.084	**0.55 J**	0.18 J	0.088	0.16	<0.050	<0.050	<0.050	--	--
Magnesium, Total	mg/L			9.4	9.9	16	17	17	18	19	11	11	--	--
Manganese, Total	mg/L	0.05 **	0.05 **	0.031	0.031	0.031	0.028	0.033	<0.010	<0.010	<0.010	<0.010	--	--
Water Quality Parameters														
Alkalinity, Total	mg CaCO3/L			96	100	94	94	92	88	90	100	98	--	--
Bicarbonate	mg CaCO3/L			96	100	94	94	92	88	90	100	98	--	--
Total Dissolved Solids	mg/L	500 **	500 **	150	120	230	240	230	150	270	170	190	--	--
Chloride	mg/L	250 **	250 **	2.4	2.7	13	13	20	41	44	2.8	3.3	--	--
Sulfate	mg/L	250 **	250 **	<5.0	<5.0	58	58	60	73	68	12	12	--	--
Ammonia (NH3) as Nitrogen (N)	mg/L			<0.053	<0.053	<0.053	<0.053	0.057	<0.053	<0.053	<0.053	0.088	--	--
Total Organic Carbon	mg/L			<1.0	<1.0	<1.0	<1.0	<1.0	3.6	3.0	<1.0	<1.0	--	--
Nitrate	mg/L-N	10 *	10 *	<0.200	<0.200	1.48	1.46	1.50	<0.200	<0.200	0.970	1.60	--	--
Total Petroleum Hydrocarbons														
Gasoline Range Organics [a]	µg/L	MTCA Method A:	1000	--	--	--	--	--	--	--	--	--	--	--
TPHDx														
Diesel Range Organics	mg/L			--	--	--	--	--	--	--	--	--	--	--
Lube Oil Range Organics	mg/L			--	--	--	--	--	--	--	--	--	--	--
Total TPHDx	mg/L	MTCA Method A:	0.5	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds														
Chloromethane	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	µg/L	0.02 ***	2 *	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Bromomethane	µg/L			<1.0	<1.4	<1.0	<1.0	<1.4	<1.0	<1.4	<1.0	<1.4	<1.0	<1.4
Chloroethane	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
CFC-11, Trichlorofluoromethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethene	µg/L		7 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Acetone	µg/L			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl Iodide	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Methylene Chloride	µg/L	5 ***	5 *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acrylonitrile	µg/L	0.07 ***		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trans-1,2-Dichloroethene	µg/L		100 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1-Dichloroethane	µg/L	1 ***		<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Vinyl Acetate	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	µg/L		70 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
2-Butanone	µg/L			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Table 6. Third Quarter 2025 Interflow Zone Groundwater Quality Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	GWQS	MCL	MW-7D 8/4/2025	MW-7D 9/9/2025	MW-8D 8/4/2025	MW-13S (MW-8D Dup) 8/4/2025	MW-8D 9/9/2025	MW-9D 8/5/2025	MW-9D 9/10/2025	MW-10D 8/5/2025	MW-10D 9/10/2025	Trip Blank 8/4/2025	Trip Blank 9/9/2025
Volatile Organic Compounds (cont.)														
Bromochloromethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	µg/L	7 ***	80 * THM	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,1-Trichloroethane	µg/L	200 *	200 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Carbon Tetrachloride	µg/L	0.3 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Benzene	µg/L	1 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	µg/L	0.5 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichloroethene	µg/L	3 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloropropane	µg/L	0.6 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dibromomethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dichlorobromomethane	µg/L	0.3 ***	80 * THM	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
cis-1,3-Dichloropropene	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
4-methyl-2-pentanone	µg/L			<2.0	<2.7	<2.0	<2.0	<2.7	<2.0	<2.7	<2.0	<2.7	<2.0	<2.7
Toluene	µg/L		1000 *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trans-1,3-Dichloropropene	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	µg/L		5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Tetrachloroethene	µg/L	0.8 ***	5 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
2-Hexanone	µg/L			<2.0	<2.6	<2.0	<2.0	<2.6	<2.0	<2.6	<2.0	<2.6	<2.0	<2.6
Dibromochloromethane	µg/L		80 * THM	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dibromoethane (EDB)	µg/L	0.001 ***	0.05 *	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Chlorobenzene	µg/L		100 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,1,2-Tetrachloroethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Ethylbenzene	µg/L		700 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
m, p-Xylene	µg/L			<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
o-Xylene	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Styrene	µg/L		100 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Bromoform	µg/L	5 ***	80 * THM	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2,3-Trichloropropane	µg/L			<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
trans-1,4-Dichloro-2-butene	µg/L			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	µg/L	4 ***	75 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichlorobenzene	µg/L		600 *	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dibromo-3-chloropropane	µg/L		0.2 *	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	µg/L	MTCA Method A:	160	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes:

GWQS = Water Quality Standards for Ground Waters of the State of Washington (WAC 173-200)
MCL = Maximum Contaminant Level, State Drinking Water Regulations (WAC 246-290)
MTCA = Model Toxics Control Act (WAC 173-340)
[a] = Gasoline with no benzene present
* = Primary
** = Secondary
*** = Carcinogen
*THM = Primary MCL for the sum of all trihalomethanes
*XYL = Primary MCL for the sum of all xylenes
= Does not meet GWQS, MCL, or MTCA
-- = Not analyzed
C = Estimated; calibration issues due to field meter
J = Estimated value
R = Rejected due to field meter anomalies

Table 7. Interflow Zone Groundwater Samples that Failed to Meet Applicable Groundwater Standards in Third Quarter 2025

	Type of Standard					
Analyte	GWQS	MCL	MW-7D	MW-8D	MW-9D	MW-10D
Iron, Total	Secondary	Secondary	- -	3A	- -	- -

3A = August 2025
3B = September 2025
- - = Data did not exceed groundwater standard
GWQS = Water Quality Standards for Groundwaters of the State of Washington (WAC 173-200)
MCL = State Maximum Contaminant Levels (WAC 246-290)
c = pH and conductivity values estimated due to meter calibration error
() = reported in compliance but result was biased low due to the meter calibration errror

Table 8. Third Quarter 2025 Upper Prediction Limit (UPLs) and Shewhart Control Limit (SCLs) Comparison

Well	Analyte	Results (mg/L)	UPL (mg/L)	UPL Exceedance?	SCL (mg/L)	SCL Exceedance?
MW-2S	Ammonia	0.071	0.14	no	- -	- -
	Chloride	2.4	18	no	- -	- -
	Dissolved Iron	<0.056	0.281	no	- -	- -
	Total Iron	<0.050	0.118	no	- -	- -
	Dissolved Manganese	<0.011	0.1	no	- -	- -
	Total Manganese	<0.010	0.01	no	- -	- -
	Nitrate	0.731	2.092	no	- -	- -
	pH	7.26	7.86	no	5.827 - 8.245	no
	Sulfate	5.5	10.86	no	19.01	no
	Total Dissolved Solids	120	178	no	- -	- -
MW-3S	Ammonia	0.069	0.14	no	- -	- -
	Chloride	**67**	47.39	yes	85.84	no
	Dissolved Iron	<0.056	0.37	no	- -	- -
	Total Iron	<0.050	0.25	no	- -	- -
	Dissolved Manganese	<0.011	0.03	no	- -	- -
	Total Manganese	<0.010	0.01	no	- -	- -
	Nitrate	**11.6**	9.837	yes	18.23	no
	pH	8.83R	7.765	no	- -	- -
	Sulfate	**96**	46.12	yes	81.34	yes
	Total Dissolved Solids	**410**	293.6	yes	533.1	no
MW-4S	Ammonia	**0.21 J**	0.085	yes	- -	- -
	Chloride	42	61.57	no	74.83	- -
	Dissolved Iron	<0.056	0.056	no	- -	- -
	Total Iron	<0.050	0.055	no	- -	- -
	Dissolved Manganese	<0.011	0.011	no	- -	- -
	Total Manganese	<0.010	0.01	no	- -	- -
	Nitrate	66.3	73.89	no	105.3	no
	pH	8.12R	7.352	no	6.685 - 7.478	- -
	Sulfate	120	168.4	no	240.7	no
	Total Dissolved Solids	640	811.3	no	1024	no

- - = SCL not established

R = Rejected value

J = Estimated value

BOLD = Value exceeds UPL

BOLD = Value exceeds UPL and SCL

Appendix A

Third Quarter 2025
Field Data Sheets

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-5S**

Project Number:	553-8472-009	**Date:**	8/4/25
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Bri Hines

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	218' 1"	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	222	**Date Purged:**	8/4/25
Bottom of Screen (feet bgs)	243	**Purge Time (from/to):**	1045 – 1130
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1135

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (NTU)	PUMP SETTING	
Initial	218' 1"								
1055	"	7.56	720.8	16.2	182	9.2	-5.9	150 PSI	40/20
1100	"	7.39	720.7	15.2	182.5	2.87	-6.19	"	
1105	"	7.60	720.8	15.3	152	0.70	-6.3	"	
1110	"	7.62	720.7	15.2	132.2	1.22	-6.25	"	
1115	"	7.62	720.6	15.1	134.2	1.85	-6.5	"	
1120	"	7.62	720.7	15.1	137.2	2.02	-6.5	"	
1125	"	7.62	720.7	15.1	141.6	2.06	-6.5	"	
1130	"	7.62	720.7	15.1	144.3	2.03	-6.42	"	
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	**Flow Rate:**	325 mL/min
Laboratory:	OnSite / Anatek	**Date Sent to Lab:**	8/5/25
Shipment Method	Dropped off	**Field QC Sample Number:**	none

Remarks:

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-6S**

Project Number:	553-8472-009	**Date:**	8/5/25
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Bri Hines

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	95'8"	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	110	**Date Purged:**	8/5/25
Bottom of Screen (feet bgs)	130	**Purge Time (from/to):**	0805 - 0825
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	0830

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (NTU)	PUMP SETTING
Initial								
0805	95'8"	7.26	723.6	15.1	226	9.40	0.68	80 PSI
0810		7.08	723.6	12.7	229	4.80	-2.35	
0815	97'	7.18	723.7	12.7	224	4.89	-0.33	
0820		7.07	723.6	12.8	224.4	4.54	-0.61	
0825		7.07	723.3	12.8	224.1	4.31	-0.63	
0830								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

40/20

Purge Equipment:	YSI Probe	**Flow Rate:**	465 mL/min
Laboratory:		**Date Sent to Lab:**	~~465 mL/min~~ 8/5/25
Shipment Method		**Field QC Sample Number:**	GS MS/MSD

Remarks:

GS MS/MSD collected at this well

no bottle for MS/MSD Ammonia sample

Signature: Bri Hines

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: MW-7D

Project Number:	553-8472-009	**Date:**	8/4/25
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Bri Hines

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):		**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	475	**Date Purged:**	8/4/25
Bottom of Screen (feet bgs)	495	**Purge Time (from/to):**	0921 - 0958
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1005

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (NTU)	PUMP SETTING
Initial		7.63						
0921		~~7.63~~	7.20	18.2	240.7	9.53	11.8	230PSI 40/35
0926		7.61	720.8	17.6	245	9.54	15.8	
0931		7.45		16.5	246	9.23	15.8	
0936		7.3	721	16.7	210.3	8.8	-5.85	230 PSI 40/35
0941		7.27	720.8	16.8	213	7.7	-5.9	"
0946		7.27	720.7	16.9	210.2	6.21	-5.9	"
0951		7.28	720.8	17.0	205	4.80	-5.9	"
0956		7.35	720.8	17.3	196	2.84	-6	"
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Used probe Lmany

Purge Equipment:		**Flow Rate:**	190 mL/min
Laboratory:	OnSite / Analek	**Date Sent to Lab:**	8/5/25
Shipment Method	dropped off	**Field QC Sample Number:**	none

Remarks:

Couldn't get depth — lowered probe to almost full length & no reading

Signature: Bri Hines

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-8D**

Project Number:	553-8472-009	**Date:**	8/4/25
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Bri Hines

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):		**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	375	**Date Purged:**	8/4/25
Bottom of Screen (feet bgs)	405	**Purge Time (from/to):**	1330 – 1410
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1410

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (NTU)	PUMP SETTING
Initial								
1330		8.04	720.8	15.1	160.1	0.64	30.74	25, 31 30/30
1335		8.02	720.7	15.4	161	0.53	41.25	"
1340		8.01	720.7	15.5	160.8	0.49	84.26	"
1345		8.01	720.6	15.6	160.4	0.48	107.25	"
1350		8.03	720.6	15.6	159.1	0.54	155.35	"
1355		8.04	720.6	15.6	158.1	0.51	28.65	"
1400		8.06	720.7	15.6	157.1	0.45	85.17	"
1405		8.11	720.6	15.5	154.9	0.42	42.60	"
1410		8.14	720.5	16.2	153.4	0.39	28.75	"
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	400 mL / min
Laboratory:	OnSite / Anatek	**Date Sent to Lab:**	8/5/25
Shipment Method	dropped off	**Field QC Sample Number:**	MW 135

Remarks:

135 sampled here

issue with well hitting messed w/ accuracy of depth reading

Signature: _____

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-9D**

Project Number:	553-8472-009	**Date:**	8/5/25
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Bri Hines

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	435'5"	**Purge Rate Measurement Method:**	YSI probe
Top of Screen (feet bgs):	420	**Date Purged:**	8/5/25
Bottom of Screen (feet bgs)	440	**Purge Time (from/to):**	0925 - 0940
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	0945

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (NTU)	PUMP SETTING	
Initial	435'5"								
0925		7.5	723.3	17	234.4	9.16	6.71	240PSI	60/40
0930	"	7.57	723.3	15.7	208.2	9.5	6.7	"	
0935	"	7.54	723.3	14.9	204.7	9.62	6.7	"	
0940	"	7.53	723.3	14.9	203.6	9.95	6.81	"	
0945									
0950									
0955									
1000									
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI probe	**Flow Rate:**	300 mL / min
Laboratory:	OnSite / Anatek	**Date Sent to Lab:**	8/5/25
Shipment Method	dropped off	**Field QC Sample Number:**	none

Remarks:

Signature: Bri Hines

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #:**MW-10D**

Project Number:	553-8472-009	**Date:**	8/5/25
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Bri Hines

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	80'	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	147	**Date Purged:**	8/5/25
Bottom of Screen (feet bgs)	167	**Purge Time (from/to):**	1025 – 1035
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1040

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (NTU)	PUMP SETTING	
Initial	80'								
1025	"	7.92	719.8	17.7	183.3	8.97	-6.75	95/31	20/10
1030	"	7.87	719.8	17.5	184.6	8.97	-6.62	"	
1035	"	7.67	719.8	17.4	191.7	7.62	-6.25	"	
1040									
1045									
1050									
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	**Flow Rate:**	165 mL/min
Laboratory:	OnSite/Anatek	**Date Sent to Lab:**	8/5/25
Shipment Method	dropped off	**Field QC Sample Number:**	none

Remarks:

Signature:

DTG Debris to Green Recycling

Water Level Measurement Field Report

DATE 8/4/25 - 8/5/25	JOB NO. 553-08472-009
PROJECT: Yakima LPL	COMPANY NAME: Parametrix
LOCATION: 41 Rocky Top Road	
WEATHER Sunny	TEMP 65 ° at 730 AM; 90 ° at 300 PM
PERSONNEL Bri Hines	

THE FOLLOWING WAS NOTED:

	WELL NUMBER	Time	Depth to Water (ft below top of casing)	Measuring Point	Screen Interval (ft bgs)
	~~MW-2S~~			~~TOC~~	310-330
	~~MW-3S~~			TOC	~~188-198~~
	~~MW-4S~~			~~TOC~~	~~49.5 – 69.5~~
8/4	MW-5S	1044	28.1	TOC	222-243
8/5	MW-6S	0805	95' 8"	TOC	110-130
8/4	MW-7D	See field sheet		TOC	475-495
8/4	MW-8D	See field sheet		TOC	375-405
8/5	MW-9D	0925	435' 5"	TOC	420-440
8/5	MW-10D	1025	80'	TOC	150-170

DTG Debris to Green Recycling

Water Level Measurement Field Report

DATE 9/9/25	JOB NO.
PROJECT: Yakima LPL	COMPANY NAME: PMX
LOCATION: Rocky Top	
WEATHER Overcast	TEMP 65 ° at 0800 AM / ° at PM
PERSONNEL C. Bourgeois	

THE FOLLOWING WAS NOTED:

WELL NUMBER	Time	Depth to Water (ft below top of casing)	Measuring Point	Screen Interval (ft bgs)
MW-1S	0958	109.82	TOC	118-138
MW-2S			TOC	310-330
MW-3S	1064	170.38	TOC	188-198
MW-4S	0951	41'	TOC	49.5 – 69.5
MW-5S	842	218.98	TOC	222-243
MW-6S	0946	96.71	TOC	110-130
MW-11S			TOC	219-239
MW-7D	~~1488~~ 849	448.11	TOC	475-495
MW-8D	932	301.76	TOC	375-405
MW-9D	1011	434.65	TOC	420-440
MW-10D	1025	80.51	TOC	150-170

BH

2S - no reading - dry?

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-1S**

Project Number:		**Date:**	9/10/25
Project Name:	Yakima LPL	**Company Name:**	PMX
Project Address:	Rocky Top	**Sampled By:**	BH, WS

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet):	102.97	**Purge Rate Measurement Method:**	YSI Probe
Depth of Well (feet):	133 feet	**Date Purged:**	9/10/25
Top of Screen (feet)	113 feet	**Purge Time (from/to):**	1415 – 1435
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1440

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING	
Initia	_____								
1415	102.97	10.12	266	14.8	-29.7	1.75	6.83	90 PSI	30/20
1420	_____	9.54	265	14.9	-54.7	0.3	5.12	"	
1425	_____	9.36	262.7	15.1	-66.7	0.17	4.61	"	
1430	_____	9.25	265.8	14.7	-68.6	0.11	2.59	"	
1435	_____	9.30	257.9	15.4	-74.1	0.09	2.36	"	
1440	_____	_____	_____	_____	_____	_____	_____	_____	
1495	_____	_____	_____	_____	_____	_____	_____	_____	
_____	_____	_____	_____	_____	_____	_____	_____	_____	
Stabilization Criteria		±0.1	3%	3%	±10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI probe	**Flow Rate:**	475 mL/min
Laboratory:	On Site / Analytik	**Date Sent to Lab:**	A- 9/10, O- 9/11
Shipment Method	dropped off	**Field QC Sample Number:**	N/A

Remarks:

Signature:

Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-2S**

Project Number:		Date:	9/9/25
Project Name:	Yakima LPL	Company Name:	PMX
Project Address:	Rocky Top	Sampled By:	Chris Bourgeois

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):		Purge Rate Measurement Method:	YSI probe
Top of Screen (feet bgs):	310	Date Purged:	9/9/25
Bottom of Screen (feet bgs)	330	Purge Time (from/to):	1615 - 1630
Reference Point (surveyor's notch, etc.):		Time Sampled:	1635

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING	
Initial									
1615		7.48	709.5	16.4	174.3	8.63	0.31	175PSI	30/30
1620		7.60	709.6	15.8	175.5	7.65	0.16	"	
1625		7.46	709.6	16.03	176.6	6.23	0.14	"	
1630		7.26	709.6	16.6	181.6	7.25	0.38	"	
1635									
1640									
1645									
1650									
Stabilization Criteria		+0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	Flow Rate:	230 mL/min
Laboratory:	OnSite / Anatek	Date Sent to Lab:	A - 9/9, O - 9/11
Shipment Method	dropped off	Field QC Sample Number:	N/A

Remarks:

Couldn't get water depth — meter went stale
Successfully sampled, so it must have gotten
stuck on something

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #:**MW-3S**

Project Number:		Date:	9/10/25
Project Name:	Yakima LPL	Company Name:	PMX
Project Address:	Rocky Top	Sampled By:	Chris Bourgeois

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	170.1	Purge Rate Measurement Method:	YSI Probe
Top of Screen (feet bgs):	188	Date Purged:	9/10/25
Bottom of Screen (feet bgs):	198	Purge Time (from/to):	0930 – 1010
Reference Point (surveyor's notch, etc.):		Time Sampled:	1015

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING
Initial								
0940		9.11	681	15.7	0.4	8.6	0.26	120 PSI 30V 15
0945		8.70	686	14.8	-2.1	6.15	0.45	
0950		8.61	696	15.0	-1.9	5.25	0.39	
1000		9.34	697	14.9	-1.3	4.95	0.50	
1005	170.85	BH 9.02	688	14.9	-1.7	5.05	0.29	
1010		8.83	689	15	-1.2	5.00	0.25	
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	Flow Rate:	500 mL/min
Laboratory:	Analytical Onsite	Date Sent to Lab:	A- 9/10/25-9/11/25
Shipment Method	Dropped off	Field QC Sample Number:	N/A

Remarks:

Signature: Brad Mo

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #:**MW-4S**

Project Number:	553-8472-009	Date:	9/10/25
Project Name:	Yakima LPL	Company Name:	PMX
Project Address:	Rocky Top	Sampled By:	Chris Bourgeois

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	41.15	Purge Rate Measurement Method:	YSI Probe
Top of Screen (feet bgs):	49.5	Date Purged:	9/10/25
Bottom of Screen (feet bgs)	69.5	Purge Time (from/to):	1155 - 1210
Reference Point (surveyor's notch, etc.):		Time Sampled:	1215

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING	
Initial									
1155	41.15	8.18	1121	20.0	-5.2	8.01	3.56	60 PSI	10/5
1200	41.31	8.15	1119	20.0	-6.4	8.04	3.56	60 PSI	30/20
1205		8.09	1124	19.7	-5.4	8.07	3.42	80 PSI	30/20
1210	41.39	8.12	1131	19.4	-5.2	8.11	3.12		
1215									
1220									
1225									
1230									
Stabilization Criteria		±0.1	3%	3%	±10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	Flow Rate:	410 mL/min
Laboratory:	Analtek / onsite	Date Sent to Lab:	9/10 / 9/11
Shipment Method	dropped off	Field QC Sample Number:	MW-135

Remarks:

Signature: Brad Hess

Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #:**MW-5S**

Project Number:		**Date:**	9/9/25
Project Name:	Yakima LPL	**Company Name:**	PMX
Project Address:	Rocky Top	**Sampled By:**	Chris Bourgeois

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	219.50	**Purge Rate Measurement Method:**	~~9~~ YSI Probe
Top of Screen (feet bgs):	222	**Date Purged:**	9/9/25
Bottom of Screen (feet bgs)	243	**Purge Time (from/to):**	1150 - 1220
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1225

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING	
Initial									
1150	29.50	7.33	710.2	16.9	197.9	9.03		150PSI	40/20
1155		7.33	710.2	17.1	160.5	3.65			
1200		7.50	710.2	18.4	77.9	1.98	2.61		
1205		7.60	710.2	17.5	27.7	1.23	1.69		
1210		7.67	710.1	17.6	3.6	0.97	1.41		
1215		7.67	710.0	18.9	-0.5	0.96	1.54		
1220		7.72	709.9	17.8	8.5	1.18	1.61		
1225									
1230									
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	**Flow Rate:**	330 mL/min
Laboratory:	Analytic / Onsite	**Date Sent to Lab:**	9/9 / 9/11
Shipment Method	dropped off	**Field QC Sample Number:**	N/A

Remarks:

Signature: _____

Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-6S**

Project Number:	553-8472-009	Date:	9/10/25
Project Name:	Yakima LPL	Company Name:	PMX
Project Address:	Rocky Top	Sampled By:	Chris Bourgeois

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	96.66	Purge Rate Measurement Method:	YSI Probe
Top of Screen (feet bgs):	110	Date Purged:	9/10/25
Bottom of Screen (feet bgs)	130	Purge Time (from/to):	1305 - 1325
Reference Point (surveyor's notch, etc.):		Time Sampled:	1330

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING	
Initial	_____								
1305	96.66	9.60	627	13.3	-21	2.25	0.62	110 PSI	40/20
1310	_____	9.59	658	13.3	-27.2	4.26	0.48	"	
1315	_____	9.33	651	13.3	-28.6	4.30	0.19	"	
1320	_____	9.29	633	13.4	-31.4	4.15	0.41	"	
1325	_____	9.27	617	14.1	-32.4	3.97	0.33	"	
1330	_____								
1335	_____								
1340	_____								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	Flow Rate:	425 mL/min
Laboratory:	Anatek / Onsite	Date Sent to Lab:	9/10 / 9/11
Shipment Method	dropped off	Field QC Sample Number:	N/A

Remarks: DUP MW-13S- _____ collected here at:

Signature: _____

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #:**MW-11S**

Project Number:	533-8472-009	Date:	9/10/25
Project Name:	Yakima LPL	Company Name:	PMX
Project Address:	Rocky Top	Sampled By:	BH/WS

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet):	110.10	Purge Rate Measurement Method:	YSI Probe
Depth of Well (feet):	239 feet	Date Purged:	9/10/25
Top of Screen (feet)	219 feet	Purge Time (from/to):	1100-1125
Reference Point (surveyor's notch, etc.):		Time Sampled:	1130

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING	
Initial									
1100	~~110.10~~								
1105	110.10	10.06	268	15.4	-0.2	4.3	1.8	150PSI	30/20
1110		9.36	272	14.5	-8.5	1.66	9.69		
1115		9.36	271	14.5	-11.8	0.86	5.91		
1120		9.37	272	14.5	-15.2	0.61	4.80		
1125		9.37	271	14.4	-17	0.44	4.91		
1130									
1135									
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	Flow Rate:	410 mL/min
Laboratory:	Anatek/OnSite	Date Sent to Lab:	9/10 / 9/11
Shipment Method	dropped off	Field QC Sample Number:	N/A

Remarks:

Signature: Brad Hito

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-7D**

Project Number:	353-8472-009	Date:	9/9/25
Project Name:	Yakima LPL	Company Name:	PMX
Project Address:	Rocky Top	Sampled By:	~~Chris Bourgeois~~ BH/WS

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	448.02	Purge Rate Measurement Method:	YSI Probe
Top of Screen (feet bgs):	475	Date Purged:	9/9/25
Bottom of Screen (feet bgs)	495	Purge Time (from/to):	1345 - 1425
Reference Point (surveyor's notch, etc.):		Time Sampled:	1435

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING
Initial								
1345	448.02	8.07	709.7	19.2	125.6	9.03	0.41	250PSI 40/35
1350		7.72	709.8	18.1	136.8	8.53	0.58	
1355		7.62	709.8	17.8	142.2	8.33	0.76	
1400		7.56	709.7	17.7	145.7	6.10	0.42	
1405		7.74	709.6	17.3	130.6	2.72	0.40	
1410		7.87	709.6	17.3	113.1	1.67	0.38	
1415		7.89	709.5	17.2	106	1.45	0.38	
1420	447.94	7.91	709.5	17.2	83	1.15	0.24	
1425		7.92	709.5	17.0	62.5	1.32	0.36	
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	Flow Rate:	325 mL/min
Laboratory:	Analytic / Onsite	Date Sent to Lab:	9/9 / 9/11
Shipment Method	dropped off	Field QC Sample Number:	N/A

Remarks:

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-8D**

Project Number:	553-8472-009	Date:	9/9/25
Project Name:	Yakima LPL	Company Name:	PMX
Project Address:	Rocky Top	Sampled By:	~~Chris Bourgeois~~ BH/WS

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	301.89	Purge Rate Measurement Method:	~~YSI~~ YSI probe
Top of Screen (feet bgs):	375	Date Purged:	9/9/25
Bottom of Screen (feet bgs)	405	Purge Time (from/to):	1500 - 1535
Reference Point (surveyor's notch, etc.):		Time Sampled:	1540

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING
Initial								
1500	301.89							
1505		8.08	710	18.7	148.9	5.65	0.61	230 PSI 30/30
1510		8.15	711	16.0	145.7	2.27	0.98	
1515	299.56	8.22	709.9	16.4	141.6	1.18	1.02	
1520		8.17	709.9	16.5	140.9	0.88	1.29	
1525		8.12	709.9	16.8	140.1	0.78		
1530		8.10	709.8	16.8	139.3	0.75	1.51	
1535								
1540								
Stabilization Criteria		±0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI probe	Flow Rate:	315mL/min
Laboratory:	Analytic / Onsite	Date Sent to Lab:	9/9 / 9/11
Shipment Method	dropped off	Field QC Sample Number:	N/A

Remarks:

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-9D**

Project Number:	553-8472-009	Date:	9/10/25
Project Name:	Yakima LPL	Company Name:	PMX
Project Address:	Rocky Top	Sampled By:	~~Chris Bourgeois~~ BH, WS

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	434.62	Purge Rate Measurement Method:	YSI Probe
Top of Screen (feet bgs):	420	Date Purged:	9/10/25
Bottom of Screen (feet bgs)	440	Purge Time (from/to):	0845-0855
Reference Point (surveyor's notch, etc.):		Time Sampled:	0900

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING	
Initial	434.62								
0845	434.60	9.08	412.8	17.0	-20.7	4.55	0.61	240 RPM	60/40
0850	434.67	9.07	485.6	15.9	-28.6	4.56	0.61	"	
0855	434.70	9.01	486.6	15.5	-30.8	4.95	0.44	"	
Stabilization Criteria		±0.1	3%	3%	±10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	Flow Rate:	~300 mL/min
Laboratory:	Anatek/Onsite	Date Sent to Lab:	9/10/9/11
Shipment Method	dropped off	Field QC Sample Number:	N/A

Remarks:

Signature: Waverly S.

Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-10D**

Project Number:	553-8472-004	Date:	9/10/25
Project Name:	Yakima LPL	Company Name:	PMX
Project Address:	Rocky Top	Sampled By:	~~Chris Bourgeois~~ BH, WS

Casing Diameter: 2" _ 4" _ 6" _____ Other _____

Initial Depth to Water (feet below TOC):	80.41	Purge Rate Measurement Method:	YSI probe
Top of Screen (feet bgs):	147	Date Purged:	9/10/25
Bottom of Screen (feet bgs)	167	Purge Time (from/to):	1505 - 1525
Reference Point (surveyor's notch, etc.):		Time Sampled:	1525

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (visual)	PUMP SETTING
Initial								
1505	80.41	8.52	249	19.5	-14.5	8.56	0.38	95 PSI 20/10
1510		8.53	245	18.1	-20.1	8.18	0.26	
1515		8.34	245	15.4	-24	3.25	1.17	
1520		7.97	245	18.6	-24	3.95	1.03	
1525		8.07	244.5	18.4	-24	4.04	0.41	
1530								
1535								
1540								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 2<5.0	

Purge Equipment:	YSI Probe	Flow Rate:	475 mL/min
Laboratory:	Anatek / Onsite	Date Sent to Lab:	9/10 / 9/11
Shipment Method	dropped off	Field QC Sample Number:	N/A

Remarks:

Signature:

Appendix B

Third Quarter 2025
Laboratory Analytical Report

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 28, 2025

Laura Lee
Parametrix, Inc.
719 2nd Avenue, Suite 200
Seattle, WA 98104

Re: Analytical Data for Project 553-8472-009
Laboratory Reference No. 2508-034

Dear Laura:

Enclosed are the analytical results and associated quality control data for samples submitted on August 5, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

Case Narrative

Samples were collected on August 4 and 5, 2025 and received by the laboratory on August 5, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Dissolved Solids EPA SM 2540C Analysis

The sample and sample duplicate RPD was outside the control limit. The Spike Blank and Spike Blank Duplicate RPD passed. Both Duplicates are reported.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

TOTAL ALKALINITY
SM 2320B

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-034-01					
Total Alkalinity	**110**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-6S**					
Laboratory ID:	08-034-02					
Total Alkalinity	**92**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-13S**					
Laboratory ID:	08-034-03					
Total Alkalinity	**94**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-7D**					
Laboratory ID:	08-034-04					
Total Alkalinity	**96**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-8D**					
Laboratory ID:	08-034-05					
Total Alkalinity	**94**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-9D**					
Laboratory ID:	08-034-06					
Total Alkalinity	**88**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-10D**					
Laboratory ID:	08-034-07					
Total Alkalinity	**100**	2.0	SM 2320B	8-11-25	8-11-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

TOTAL ALKALINITY
SM 2320B
QUALITY CONTROL

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0811W1					
Total Alkalinity	**ND**	2.0	SM 2320B	8-11-25	8-11-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-034-02										
	ORIG	DUP									
Total Alkalinity	**92.0**	**90.0**	NA		NA	NA		NA	2	10	
MATRIX SPIKES											
Laboratory ID:	08-034-02										
	MS	MSD	MS	MSD		MS	MSD				
Total Alkalinity	**176**	**180**	100	100	92.0	84	88	80-120	2	20	
SPIKE BLANK											
Laboratory ID:	SB0811W1										
	SB		SB			SB					
Total Alkalinity	**100**		100		NA	100		81-104	NA	NA	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

BICARBONATE
SM 2320B

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-034-01					
Bicarbonate	**110**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-6S**					
Laboratory ID:	08-034-02					
Bicarbonate	**92**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-13S**					
Laboratory ID:	08-034-03					
Bicarbonate	**94**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-7D**					
Laboratory ID:	08-034-04					
Bicarbonate	**96**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-8D**					
Laboratory ID:	08-034-05					
Bicarbonate	**94**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-9D**					
Laboratory ID:	08-034-06					
Bicarbonate	**88**	2.0	SM 2320B	8-11-25	8-11-25	
Client ID:	**MW-10D**					
Laboratory ID:	08-034-07					
Bicarbonate	**100**	2.0	SM 2320B	8-11-25	8-11-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

BICARBONATE
SM 2320B
QUALITY CONTROL

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0811W1					
Bicarbonate	**ND**	2.0	SM 2320B	8-11-25	8-11-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-034-02										
	ORIG	DUP									
Bicarbonate	**92.0**	**90.0**	NA		NA	NA		NA	2	10	
MATRIX SPIKES											
Laboratory ID:	08-034-02										
	MS	MSD	MS	MSD		MS	MSD				
Bicarbonate	**176**	**180**	100	100	92.0	84	88	80-120	2	20	
SPIKE BLANK											
Laboratory ID:	SB0811W1										
	SB		SB			SB					
Bicarbonate	**100**		100		NA	100		81-104	NA	NA	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

TOTAL DISSOLVED SOLIDS
SM 2540C

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-034-01					
Total Dissolved Solids	**220**	13	SM 2540C	8-8-25	8-8-25	
Client ID:	**MW-6S**					
Laboratory ID:	08-034-02					
Total Dissolved Solids	**210**	13	SM 2540C	8-8-25	8-8-25	
Client ID:	**MW-13S**					
Laboratory ID:	08-034-03					
Total Dissolved Solids	**240**	13	SM 2540C	8-8-25	8-8-25	
Client ID:	**MW-7D**					
Laboratory ID:	08-034-04					
Total Dissolved Solids	**150**	13	SM 2540C	8-8-25	8-8-25	
Client ID:	**MW-8D**					
Laboratory ID:	08-034-05					
Total Dissolved Solids	**230**	13	SM 2540C	8-8-25	8-8-25	
Client ID:	**MW-9D**					
Laboratory ID:	08-034-06					
Total Dissolved Solids	**150**	13	SM 2540C	8-8-25	8-8-25	
Client ID:	**MW-10D**					
Laboratory ID:	08-034-07					
Total Dissolved Solids	**170**	13	SM 2540C	8-8-25	8-8-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

TOTAL DISSOLVED SOLIDS
SM 2540C
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0808W1					
Total Dissolved Solids	**ND**	13	SM 2540C	8-8-25	8-8-25	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-034-02								
	ORIG	DUP							
Total Dissolved Solids	**208**	**133**	NA	NA	NA	NA	44	40	L
DUPLICATE									
Laboratory ID:	SB0808W1								
	ORIG	DUP							
Total Dissolved Solids	**473**	**491**	NA	NA	NA	NA	4	40	
SPIKE BLANK									
Laboratory ID:	SB0808W1								
	SB		SB		SB				
Total Dissolved Solids	**473**		500	NA	95	72-123	NA	NA	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

CHLORIDE
SM 4500-Cl E

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-034-01					
Chloride	**18**	2.0	SM 4500-Cl E	8-11-25	8-11-25	
Client ID:	**MW-6S**					
Laboratory ID:	08-034-02					
Chloride	**61**	2.0	SM 4500-Cl E	8-11-25	8-11-25	
Client ID:	**MW-13S**					
Laboratory ID:	08-034-03					
Chloride	**13**	2.0	SM 4500-Cl E	8-11-25	8-11-25	
Client ID:	**MW-7D**					
Laboratory ID:	08-034-04					
Chloride	**2.4**	2.0	SM 4500-Cl E	8-11-25	8-11-25	
Client ID:	**MW-8D**					
Laboratory ID:	08-034-05					
Chloride	**13**	2.0	SM 4500-Cl E	8-11-25	8-11-25	
Client ID:	**MW-9D**					
Laboratory ID:	08-034-06					
Chloride	**41**	2.0	SM 4500-Cl E	8-11-25	8-11-25	
Client ID:	**MW-10D**					
Laboratory ID:	08-034-07					
Chloride	**2.8**	2.0	SM 4500-Cl E	8-11-25	8-11-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

CHLORIDE
SM 4500-Cl E
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0811W1					
Chloride	**ND**	2.0	SM 4500-Cl E	8-11-25	8-11-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-034-02										
	ORIG	DUP									
Chloride	**60.7**	**62.0**	NA		NA	NA		NA	2	15	
MATRIX SPIKES											
Laboratory ID:	08-034-02										
	MS	MSD	MS	MSD		MS	MSD				
Chloride	**165**	**163**	100	100	60.7	104	102	79-131	1	20	
SPIKE BLANK											
Laboratory ID:	SB0811W1										
	SB		SB			SB					
Chloride	**48.9**		50.0		NA	98		82-123	NA	NA	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

SULFATE
ASTM D516-16

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-034-01					
Sulfate	**57**	20	ASTM D516-16	8-13-25	8-13-25	
Client ID:	**MW-6S**					
Laboratory ID:	08-034-02					
Sulfate	**56**	20	ASTM D516-16	8-13-25	8-13-25	
Client ID:	**MW-13S**					
Laboratory ID:	08-034-03					
Sulfate	**58**	20	ASTM D516-16	8-13-25	8-13-25	
Client ID:	**MW-7D**					
Laboratory ID:	08-034-04					
Sulfate	**ND**	5.0	ASTM D516-16	8-13-25	8-13-25	
Client ID:	**MW-8D**					
Laboratory ID:	08-034-05					
Sulfate	**58**	20	ASTM D516-16	8-13-25	8-13-25	
Client ID:	**MW-9D**					
Laboratory ID:	08-034-06					
Sulfate	**73**	20	ASTM D516-16	8-13-25	8-13-25	
Client ID:	**MW-10D**					
Laboratory ID:	08-034-07					
Sulfate	**12**	5.0	ASTM D516-16	8-13-25	8-13-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

SULFATE
ASTM D516-16
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0813W1					
Sulfate	**ND**	5.0	ASTM D516-16	8-13-25	8-13-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-034-02										
	ORIG	DUP									
Sulfate	**56.4**	**56.7**	NA		NA	NA		NA	1	11	
MATRIX SPIKES											
Laboratory ID:	08-034-02										
	MS	MSD	MS	MSD		MS	MSD				
Sulfate	**99.3**	**100**	40.0	40.0	56.4	107	109	70-131	1	20	
SPIKE BLANK											
Laboratory ID:	SB0813W1										
	SB		SB			SB					
Sulfate	**9.65**		10.0		NA	97		83-113	NA	NA	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

AMMONIA (as Nitrogen)
SM 4500-NH_3 D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-034-01					
Ammonia	**ND**	0.053	SM 4500-NH3 D	8-9-25	8-9-25	
Client ID:	**MW-6S**					
Laboratory ID:	08-034-02					
Ammonia	**ND**	0.053	SM 4500-NH3 D	8-9-25	8-9-25	
Client ID:	**MW-13S**					
Laboratory ID:	08-034-03					
Ammonia	**ND**	0.053	SM 4500-NH3 D	8-9-25	8-9-25	
Client ID:	**MW-7D**					
Laboratory ID:	08-034-04					
Ammonia	**ND**	0.053	SM 4500-NH3 D	8-9-25	8-9-25	
Client ID:	**MW-8D**					
Laboratory ID:	08-034-05					
Ammonia	**ND**	0.053	SM 4500-NH3 D	8-9-25	8-9-25	
Client ID:	**MW-9D**					
Laboratory ID:	08-034-06					
Ammonia	**ND**	0.053	SM 4500-NH3 D	8-9-25	8-9-25	
Client ID:	**MW-10D**					
Laboratory ID:	08-034-07					
Ammonia	**ND**	0.053	SM 4500-NH3 D	8-9-25	8-9-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

AMMONIA (as Nitrogen)
SM 4500-NH_3 D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0809W1					
Ammonia	**ND**	0.053	SM 4500-NH3 D	8-9-25	8-9-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-034-02										
	ORIG	DUP									
Ammonia	**ND**	**ND**	NA		NA	NA		NA	NA	21	
MATRIX SPIKES											
Laboratory ID:	08-034-02										
	MS	MSD	MS	MSD		MS	MSD				
Ammonia	**4.57**	**4.46**	5.00	5.00	ND	91	89	76-114	2	20	
SPIKE BLANK											
Laboratory ID:	SB0809W1										
	SB		SB			SB					
Ammonia	**4.83**		5.00		NA	97		81-110	NA	NA	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

TOTAL ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-034-01					
Total Organic Carbon	**ND**	1.0	SM 5310B	8-27-25	8-27-25	
Client ID:	**MW-6S**					
Laboratory ID:	08-034-02					
Total Organic Carbon	**2.9**	1.0	SM 5310B	8-27-25	8-27-25	
Client ID:	**MW-13S**					
Laboratory ID:	08-034-03					
Total Organic Carbon	**ND**	1.0	SM 5310B	8-27-25	8-27-25	
Client ID:	**MW-7D**					
Laboratory ID:	08-034-04					
Total Organic Carbon	**ND**	1.0	SM 5310B	8-27-25	8-27-25	
Client ID:	**MW-8D**					
Laboratory ID:	08-034-05					
Total Organic Carbon	**ND**	1.0	SM 5310B	8-27-25	8-27-25	
Client ID:	**MW-9D**					
Laboratory ID:	08-034-06					
Total Organic Carbon	**3.6**	1.0	SM 5310B	8-27-25	8-27-25	
Client ID:	**MW-10D**					
Laboratory ID:	08-034-07					
Total Organic Carbon	**ND**	1.0	SM 5310B	8-27-25	8-27-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

TOTAL ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0827W1					
Total Organic Carbon	**ND**	1.0	SM 5310B	8-27-25	8-27-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-034-02										
	ORIG	DUP									
Total Organic Carbon	**2.95**	**2.96**	NA		NA	NA		NA	0	10	
MATRIX SPIKES											
Laboratory ID:	08-034-02										
	MS	MSD	MS	MSD		MS	MSD				
Total Organic Carbon	**11.7**	**10.8**	10.0	10.0	2.95	88	79	70-136	8	20	
SPIKE BLANK											
Laboratory ID:	SB0827W1										
	SB		SB			SB					
Total Organic Carbon	**9.28**		10.0		NA	93		83-130	NA	NA	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

DISSOLVED METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-034-01					
Calcium	**28**	1.1	EPA 6010D		8-14-25	
Iron	**0.081**	0.056	EPA 6010D		8-14-25	
Magnesium	**17**	1.1	EPA 6010D		8-14-25	
Manganese	**0.025**	0.011	EPA 6010D		8-6-25	
Potassium	**3.4**	1.1	EPA 6010D		8-14-25	
Sodium	**18**	1.1	EPA 6010D		8-14-25	
Client ID:	**MW-6S**					
Laboratory ID:	08-034-02					
Calcium	**44**	1.1	EPA 6010D		8-6-25	
Iron	**ND**	0.056	EPA 6010D		8-6-25	
Magnesium	**30**	1.1	EPA 6010D		8-6-25	
Manganese	**ND**	0.011	EPA 6010D		8-6-25	
Potassium	**4.2**	1.1	EPA 6010D		8-6-25	
Sodium	**16**	1.1	EPA 6010D		8-6-25	
Client ID:	**MW-13S**					
Laboratory ID:	08-034-03					
Calcium	**24**	1.1	EPA 6010D		8-6-25	
Iron	**ND**	0.056	EPA 6010D		8-6-25	
Magnesium	**17**	1.1	EPA 6010D		8-6-25	
Manganese	**0.024**	0.011	EPA 6010D		8-6-25	
Potassium	**2.6**	1.1	EPA 6010D		8-6-25	
Sodium	**18**	1.1	EPA 6010D		8-6-25	
Client ID:	**MW-7D**					
Laboratory ID:	08-034-04					
Calcium	**13**	1.1	EPA 6010D		8-6-25	
Iron	**ND**	0.056	EPA 6010D		8-6-25	
Magnesium	**9.7**	1.1	EPA 6010D		8-6-25	
Manganese	**0.031**	0.011	EPA 6010D		8-6-25	
Potassium	**2.4**	1.1	EPA 6010D		8-6-25	
Sodium	**10**	1.1	EPA 6010D		8-6-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

DISSOLVED METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	08-034-05					
Calcium	**24**	1.1	EPA 6010D		8-6-25	
Iron	**ND**	0.056	EPA 6010D		8-6-25	
Magnesium	**17**	1.1	EPA 6010D		8-6-25	
Manganese	**0.024**	0.011	EPA 6010D		8-6-25	
Potassium	**2.6**	1.1	EPA 6010D		8-6-25	
Sodium	**18**	1.1	EPA 6010D		8-6-25	
Client ID:	**MW-9D**					
Laboratory ID:	08-034-06					
Calcium	**31**	1.1	EPA 6010D		8-6-25	
Iron	**ND**	0.056	EPA 6010D		8-6-25	
Magnesium	**20**	1.1	EPA 6010D		8-6-25	
Manganese	**ND**	0.011	EPA 6010D		8-6-25	
Potassium	**2.2**	1.1	EPA 6010D		8-6-25	
Sodium	**26**	1.1	EPA 6010D		8-6-25	
Client ID:	**MW-10D**					
Laboratory ID:	08-034-07					
Calcium	**18**	1.1	EPA 6010D		8-6-25	
Iron	**ND**	0.056	EPA 6010D		8-6-25	
Magnesium	**11**	1.1	EPA 6010D		8-6-25	
Manganese	**ND**	0.011	EPA 6010D		8-6-25	
Potassium	**2.2**	1.1	EPA 6010D		8-6-25	
Sodium	**12**	1.1	EPA 6010D		8-6-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

DISSOLVED METALS
EPA 6010D
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0806D1					
Calcium	**ND**	1.1	EPA 6010D		8-6-25	
Iron	**ND**	0.056	EPA 6010D		8-6-25	
Magnesium	**ND**	1.1	EPA 6010D		8-6-25	
Manganese	**ND**	0.011	EPA 6010D		8-6-25	
Potassium	**ND**	1.1	EPA 6010D		8-6-25	
Sodium	**ND**	1.1	EPA 6010D		8-6-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-034-02										
	ORIG	DUP									
Calcium	**43.8**	**43.2**	NA	NA		NA		NA	1	20	
Iron	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Magnesium	**30.0**	**29.4**	NA	NA		NA		NA	2	20	
Manganese	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Potassium	**4.19**	**4.09**	NA	NA		NA		NA	2	20	
Sodium	**15.9**	**15.6**	NA	NA		NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	08-034-02										
	MS	MSD	MS	MSD		MS	MSD				
Calcium	**82.8**	**81.7**	40.0	40.0	43.8	**97**	**95**	75-125	1	20	
Iron	**22.8**	**21.8**	22.2	22.2	ND	**103**	**98**	75-125	4	20	
Magnesium	**50.9**	**49.8**	22.2	22.2	30.0	**94**	**89**	75-125	2	20	
Manganese	**0.532**	**0.529**	0.556	0.556	ND	**96**	**95**	75-125	1	20	
Potassium	**28.4**	**27.2**	22.2	22.2	4.19	**109**	**104**	75-125	4	20	
Sodium	**37.0**	**35.8**	22.2	22.2	15.9	**95**	**90**	75-125	3	20	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

TOTAL METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-034-01					
Iron	**0.14**	0.050	EPA 6010D	8-14-25	8-14-25	
Magnesium	**18**	1.0	EPA 6010D	8-14-25	8-14-25	
Manganese	**0.028**	0.010	EPA 6010D	8-14-25	8-14-25	
Client ID:	**MW-6S**					
Laboratory ID:	08-034-02					
Iron	**ND**	0.050	EPA 6010D	8-14-25	8-14-25	
Magnesium	**30**	1.0	EPA 6010D	8-14-25	8-14-25	
Manganese	**ND**	0.010	EPA 6010D	8-14-25	8-14-25	
Client ID:	**MW-13S**					
Laboratory ID:	08-034-03					
Iron	**0.18**	0.050	EPA 6010D	8-14-25	8-14-25	
Magnesium	**17**	1.0	EPA 6010D	8-14-25	8-14-25	
Manganese	**0.028**	0.010	EPA 6010D	8-14-25	8-14-25	
Client ID:	**MW-7D**					
Laboratory ID:	08-034-04					
Iron	**0.059**	0.050	EPA 6010D	8-14-25	8-14-25	
Magnesium	**9.4**	1.0	EPA 6010D	8-14-25	8-14-25	
Manganese	**0.031**	0.010	EPA 6010D	8-14-25	8-14-25	
Client ID:	**MW-8D**					
Laboratory ID:	08-034-05					
Iron	**0.55**	0.050	EPA 6010D	8-14-25	8-14-25	
Magnesium	**16**	1.0	EPA 6010D	8-14-25	8-14-25	
Manganese	**0.031**	0.010	EPA 6010D	8-14-25	8-14-25	
Client ID:	**MW-9D**					
Laboratory ID:	08-034-06					
Iron	**0.16**	0.050	EPA 6010D	8-14-25	8-14-25	
Magnesium	**18**	1.0	EPA 6010D	8-14-25	8-14-25	
Manganese	**ND**	0.010	EPA 6010D	8-14-25	8-14-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

TOTAL METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10D**					
Laboratory ID:	08-034-07					
Iron	**ND**	0.050	EPA 6010D	8-14-25	8-14-25	
Magnesium	**11**	1.0	EPA 6010D	8-14-25	8-14-25	
Manganese	**ND**	0.010	EPA 6010D	8-14-25	8-14-25	

Date of Report: August 28, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-034
Project: 553-8472-009

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0814WH2					
Iron	**ND**	0.050	EPA 6010D	8-14-25	8-14-25	
Magnesium	**ND**	1.0	EPA 6010D	8-14-25	8-14-25	
Manganese	**ND**	0.010	EPA 6010D	8-14-25	8-14-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-034-02										
	ORIG	DUP									
Iron	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Magnesium	**30.2**	**28.5**	NA	NA		NA		NA	6	20	
Manganese	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	08-034-02										
	MS	MSD	MS	MSD		MS	MSD				
Iron	**19.1**	**18.7**	20.0	20.0	ND	**95**	**94**	75-125	2	20	
Magnesium	**47.8**	**45.7**	20.0	20.0	30.2	**88**	**78**	75-125	4	20	
Manganese	**0.512**	**0.502**	0.500	0.500	ND	**102**	**100**	75-125	2	20	

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Parametrix
Project Number: 553-8472-009
Project Name: Rocky Top Environmental LPL
Project Manager: Laura Lee, Mike Brady
Sampled by: Bri Hines

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
- ☐ 2 Days ☐ 3 Days
- ■ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 08-034

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Alkalinity, Bicarbonate, TDS	Chloride, Sulfate	Ammonia	TOC	Dissolved Metals (Fe, Mn, Mg, Ca, K, Na)	Total Metals (Fe, Mn, Mg)			MS/MSD													% Moisture
1	MW-5S	8/4/25	1135	Water	6	X	X	X	X	X	X																
2	MW-6S	8/5/25	0830	Water	8 11	X	X	X	X	X	X			x													
3	MW-13S	8/4/25	0800	Water	6	X	X	X	X	X	X																
4	MW-7D	8/4/25	1005	Water	6	X	X	X	X	X	X																
5	MW-8D	8/4/25	1410	Water	6	X	X	X	X	X	X																
6	MW-9D	8/5/25	0945	Water	6	X	X	X	X	X	X																
7	MW-10D	8/5/25	1040	Water	6	X	X	X	X	X	X																
						X																					

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	8/5/25	1523
Received	[signature]	OSE	8/5/25	1523
Relinquished				
Received				
Relinquished				
Received				

Comments/Special Instructions

Additional MS/MSD volumes taken @ MW-6S

Reviewed/Date

Reviewed/Date

Chromatograms with final report ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 14, 2025

Laura Lee
Parametrix, Inc.
719 2nd Avenue, Suite 200
Seattle, WA 98104

Re: Analytical Data for Project 553-8472-009
Laboratory Reference No. 2508-035

Dear Laura:

Enclosed are the analytical results and associated quality control data for samples submitted on August 5, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

Case Narrative

Samples were collected on August 4 and 5, 2025 and received by the laboratory on August 5, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-035-01					
Chloromethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Bromomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Chloroethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Acetone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Iodomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Carbon Disulfide	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methylene Chloride	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Acrylonitrile	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Acetate	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Butanone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Bromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Chloroform	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Benzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Trichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Dibromomethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromodichloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Toluene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Hexanone	ND	2.0	EPA 8260D	8-8-25	8-8-25	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-035-01					
Dibromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Chlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Ethylbenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
m,p-Xylene	ND	0.40	EPA 8260D	8-8-25	8-8-25	
o-Xylene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Styrene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromoform	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Naphthalene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*68-133*				
Toluene-d8	*99*	*79-123*				
4-Bromofluorobenzene	*102*	*78-117*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6S**					
Laboratory ID:	08-035-02					
Chloromethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Bromomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Chloroethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Acetone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Iodomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Carbon Disulfide	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methylene Chloride	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Acrylonitrile	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Acetate	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Butanone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Bromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Chloroform	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Benzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Trichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Dibromomethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromodichloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Toluene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Hexanone	ND	2.0	EPA 8260D	8-8-25	8-8-25	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6S**					
Laboratory ID:	08-035-02					
Dibromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Chlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Ethylbenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
m,p-Xylene	ND	0.40	EPA 8260D	8-8-25	8-8-25	
o-Xylene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Styrene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromoform	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Naphthalene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*89*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*100*	*78-117*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13S**					
Laboratory ID:	08-035-03					
Chloromethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Bromomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Chloroethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Acetone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Iodomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Carbon Disulfide	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methylene Chloride	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Acrylonitrile	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Acetate	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Butanone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Bromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Chloroform	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Benzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Trichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Dibromomethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromodichloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Toluene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Hexanone	ND	2.0	EPA 8260D	8-8-25	8-8-25	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13S**					
Laboratory ID:	08-035-03					
Dibromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Chlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Ethylbenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
m,p-Xylene	ND	0.40	EPA 8260D	8-8-25	8-8-25	
o-Xylene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Styrene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromoform	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Naphthalene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*68-133*				
Toluene-d8	*101*	*79-123*				
4-Bromofluorobenzene	*103*	*78-117*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7D**					
Laboratory ID:	08-035-04					
Chloromethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Bromomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Chloroethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Acetone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Iodomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Carbon Disulfide	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methylene Chloride	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Acrylonitrile	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Acetate	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Butanone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Bromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Chloroform	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Benzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Trichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Dibromomethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromodichloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Toluene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Hexanone	ND	2.0	EPA 8260D	8-8-25	8-8-25	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7D**					
Laboratory ID:	08-035-04					
Dibromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Chlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Ethylbenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
m,p-Xylene	ND	0.40	EPA 8260D	8-8-25	8-8-25	
o-Xylene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Styrene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromoform	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Naphthalene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*101*	*78-117*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	08-035-05					
Chloromethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Bromomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Chloroethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Acetone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Iodomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Carbon Disulfide	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methylene Chloride	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Acrylonitrile	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Acetate	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Butanone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Bromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Chloroform	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Benzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Trichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Dibromomethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromodichloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Toluene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Hexanone	ND	2.0	EPA 8260D	8-8-25	8-8-25	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	08-035-05					
Dibromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Chlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Ethylbenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
m,p-Xylene	ND	0.40	EPA 8260D	8-8-25	8-8-25	
o-Xylene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Styrene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromoform	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Naphthalene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*102*	*78-117*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9D**					
Laboratory ID:	08-035-06					
Chloromethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Bromomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Chloroethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Acetone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Iodomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Carbon Disulfide	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methylene Chloride	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Acrylonitrile	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Acetate	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Butanone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Bromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Chloroform	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Benzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Trichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Dibromomethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromodichloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Toluene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Hexanone	ND	2.0	EPA 8260D	8-8-25	8-8-25	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9D**					
Laboratory ID:	08-035-06					
Dibromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Chlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Ethylbenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
m,p-Xylene	ND	0.40	EPA 8260D	8-8-25	8-8-25	
o-Xylene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Styrene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromoform	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Naphthalene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*68-133*				
Toluene-d8	*101*	*79-123*				
4-Bromofluorobenzene	*102*	*78-117*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10D**					
Laboratory ID:	08-035-07					
Chloromethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Bromomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Chloroethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Acetone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Iodomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Carbon Disulfide	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methylene Chloride	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Acrylonitrile	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Acetate	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Butanone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Bromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Chloroform	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Benzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Trichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Dibromomethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromodichloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Toluene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Hexanone	ND	2.0	EPA 8260D	8-8-25	8-8-25	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10D**					
Laboratory ID:	08-035-07					
Dibromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Chlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Ethylbenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
m,p-Xylene	ND	0.40	EPA 8260D	8-8-25	8-8-25	
o-Xylene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Styrene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromoform	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Naphthalene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*92*	*68-133*				
Toluene-d8	*101*	*79-123*				
4-Bromofluorobenzene	*103*	*78-117*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blanks**					
Laboratory ID:	08-035-08					
Chloromethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Bromomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Chloroethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Acetone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Iodomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Carbon Disulfide	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methylene Chloride	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Acrylonitrile	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Acetate	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Butanone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Bromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Chloroform	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Benzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Trichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Dibromomethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromodichloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Toluene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Hexanone	ND	2.0	EPA 8260D	8-8-25	8-8-25	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blanks**					
Laboratory ID:	08-035-08					
Dibromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Chlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Ethylbenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
m,p-Xylene	ND	0.40	EPA 8260D	8-8-25	8-8-25	
o-Xylene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Styrene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromoform	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Naphthalene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*68-133*				
Toluene-d8	*99*	*79-123*				
4-Bromofluorobenzene	*100*	*78-117*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0808W1					
Chloromethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Bromomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Chloroethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Acetone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Iodomethane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Carbon Disulfide	ND	0.25	EPA 8260D	8-8-25	8-8-25	
Methylene Chloride	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Acrylonitrile	ND	0.50	EPA 8260D	8-8-25	8-8-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Vinyl Acetate	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
2-Butanone	ND	5.0	EPA 8260D	8-8-25	8-8-25	
Bromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Chloroform	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Benzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Trichloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Dibromomethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromodichloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Toluene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Tetrachloroethene	ND	0.20	EPA 8260D	8-8-25	8-8-25	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0808W1					
2-Hexanone	ND	2.0	EPA 8260D	8-8-25	8-8-25	
Dibromochloromethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	8-8-25	8-8-25	
Chlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Ethylbenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
m,p-Xylene	ND	0.40	EPA 8260D	8-8-25	8-8-25	
o-Xylene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Styrene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
Bromoform	ND	1.0	EPA 8260D	8-8-25	8-8-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	8-8-25	8-8-25	
(trans) 1,4-Dichloro-2-butene	ND	0.50	EPA 8260D	8-8-25	8-8-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-8-25	8-8-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Naphthalene	ND	1.0	EPA 8260D	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*68-133*				
Toluene-d8	*98*	*79-123*				
4-Bromofluorobenzene	*100*	*78-117*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-035-02										
	MS	MSD	MS	MSD		MS	MSD				
Chloromethane	**11.4**	**11.7**	10.0	10.0	ND	114	117	49-136	3	27	
Vinyl Chloride	**10.1**	**10.3**	10.0	10.0	ND	101	103	69-126	2	16	
Bromomethane	**9.47**	**9.91**	10.0	10.0	ND	95	99	32-158	5	24	
Chloroethane	**9.75**	**10.1**	10.0	10.0	ND	98	101	62-125	4	14	
Trichlorofluoromethane	**8.94**	**9.21**	10.0	10.0	ND	89	92	80-128	3	16	
1,1-Dichloroethene	**9.49**	**9.81**	10.0	10.0	ND	95	98	73-125	3	15	
Acetone	**6.53**	**7.82**	10.0	10.0	ND	65	78	37-164	18	29	
Iodomethane	**9.48**	**9.12**	10.0	10.0	ND	95	91	35-141	4	25	
Carbon Disulfide	**7.76**	**7.51**	10.0	10.0	ND	78	75	55-127	3	17	
Methylene Chloride	**8.89**	**9.14**	10.0	10.0	ND	89	91	63-118	3	16	
(trans) 1,2-Dichloroethene	**9.41**	**9.67**	10.0	10.0	ND	94	97	70-127	3	16	
1,1-Dichloroethane	**9.20**	**9.48**	10.0	10.0	ND	92	95	71-126	3	15	
Vinyl Acetate	**9.97**	**10.1**	10.0	10.0	ND	100	101	60-140	1	17	
(cis) 1,2-Dichloroethene	**9.52**	**9.69**	10.0	10.0	ND	95	97	71-130	2	16	
2-Butanone	**9.46**	**9.48**	10.0	10.0	ND	95	95	56-143	0	19	
Bromochloromethane	**9.52**	**9.64**	10.0	10.0	ND	95	96	68-133	1	17	
Chloroform	**9.18**	**9.28**	10.0	10.0	ND	92	93	68-127	1	16	
1,1,1-Trichloroethane	**9.28**	**9.51**	10.0	10.0	ND	93	95	74-127	2	17	
Carbon Tetrachloride	**9.38**	**9.51**	10.0	10.0	ND	94	95	72-134	1	18	
Benzene	**9.08**	**9.37**	10.0	10.0	ND	91	94	69-129	3	16	
1,2-Dichloroethane	**9.11**	**9.17**	10.0	10.0	ND	91	92	71-134	1	17	
Trichloroethene	**10.1**	**10.3**	10.0	10.0	ND	101	103	74-134	2	12	
1,2-Dichloropropane	**10.1**	**10.1**	10.0	10.0	ND	101	101	74-130	0	17	
Dibromomethane	**10.5**	**10.3**	10.0	10.0	ND	105	103	74-140	2	16	
Bromodichloromethane	**10.5**	**10.5**	10.0	10.0	ND	105	105	77-137	0	17	
(cis) 1,3-Dichloropropene	**10.7**	**10.7**	10.0	10.0	ND	107	107	73-137	0	17	
Methyl Isobutyl Ketone	**10.5**	**10.7**	10.0	10.0	ND	105	107	61-146	2	19	
Toluene	**9.63**	**9.76**	10.0	10.0	ND	96	98	71-128	1	19	
(trans) 1,3-Dichloropropene	**10.9**	**10.8**	10.0	10.0	ND	109	108	70-136	1	18	
1,1,2-Trichloroethane	**9.44**	**9.83**	10.0	10.0	ND	94	98	68-146	4	16	
Tetrachloroethene	**10.1**	**10.1**	10.0	10.0	ND	101	101	78-132	0	22	
2-Hexanone	**10.9**	**9.57**	10.0	10.0	ND	109	96	57-154	13	25	
Dibromochloromethane	**11.6**	**11.5**	10.0	10.0	ND	116	115	51-160	1	27	

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	08-035-02										
	MS	MSD	MS	MSD		MS	MSD				
1,2-Dibromoethane	**10.4**	**10.6**	10.0	10.0	ND	104	106	74-133	2	16	
Chlorobenzene	**10.1**	**10.3**	10.0	10.0	ND	101	103	83-121	2	16	
1,1,1,2-Tetrachloroethane	**10.2**	**10.4**	10.0	10.0	ND	102	104	82-129	2	17	
Ethylbenzene	**10.1**	**10.3**	10.0	10.0	ND	101	103	84-123	2	17	
m,p-Xylene	**20.3**	**20.5**	20.0	20.0	ND	102	103	82-125	1	17	
o-Xylene	**10.4**	**10.4**	10.0	10.0	ND	104	104	83-123	0	17	
Styrene	**10.3**	**10.4**	10.0	10.0	ND	103	104	83-128	1	19	
Bromoform	**9.92**	**9.96**	10.0	10.0	ND	99	100	69-135	0	18	
1,1,2,2-Tetrachloroethane	**9.47**	**9.69**	10.0	10.0	ND	95	97	75-138	2	17	
1,2,3-Trichloropropane	**9.92**	**10.1**	10.0	10.0	ND	99	101	64-131	2	18	
1,4-Dichlorobenzene	**9.80**	**10.0**	10.0	10.0	ND	98	100	79-127	2	15	
1,2-Dichlorobenzene	**9.78**	**10.3**	10.0	10.0	ND	98	103	80-130	5	16	
1,2-Dibromo-3-chloropropane	**9.55**	**10.3**	10.0	10.0	ND	96	103	68-139	8	19	
Naphthalene	**10.4**	**11.5**	10.0	10.0	ND	104	115	67-142	10	23	
Surrogate:											
Dibromofluoromethane						*90*	*90*	*68-133*			
Toluene-d8						*99*	*100*	*79-123*			
4-Bromofluorobenzene						*102*	*102*	*78-117*			

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-035-01					
Gasoline	**ND**	100	NWTPH-Gx	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*106*	*62-122*				
Client ID:	**MW-6S**					
Laboratory ID:	08-035-02					
Gasoline	**ND**	100	NWTPH-Gx	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*103*	*62-122*				
Client ID:	**MW-13S**					
Laboratory ID:	08-035-03					
Gasoline	**ND**	100	NWTPH-Gx	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*106*	*62-122*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0807W1					
Gasoline	**ND**	100	NWTPH-Gx	8-7-25	8-7-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*105*	*62-122*				
Laboratory ID:	MB0808W1					
Gasoline	**ND**	100	NWTPH-Gx	8-8-25	8-8-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*105*	*62-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-035-02										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*103*	*102*	*62-122*			
MATRIX SPIKES											
Laboratory ID:	08-035-02										
	MS	MSD	MS	MSD		MS	MSD				
Gasoline	**5230**	**5490**	5000	5000	ND	**105**	**110**	75-125	5	15	
Surrogate:											
Fluorobenzene						*121*	*111*	*62-122*			

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	08-035-01					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	8-6-25	8-6-25	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	8-6-25	8-6-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				
Client ID:	**MW-6S**					
Laboratory ID:	08-035-02					
Diesel Range Organics	**ND**	0.24	NWTPH-Dx	8-6-25	8-6-25	
Lube Oil Range Organics	**ND**	0.24	NWTPH-Dx	8-6-25	8-6-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				
Client ID:	**MW-13S**					
Laboratory ID:	08-035-03					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	8-6-25	8-6-25	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	8-6-25	8-6-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

Date of Report: August 14, 2025
Samples Submitted: August 5, 2025
Laboratory Reference: 2508-035
Project: 553-8472-009

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0806W1					
Diesel Range Organics	**ND**	0.16	NWTPH-Dx	8-6-25	8-6-25	
Lube Oil Range Organics	**ND**	0.16	NWTPH-Dx	8-6-25	8-6-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-035-02										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Surrogate:											
o-Terphenyl						*114*	*106*	*50-150*			
MATRIX SPIKES											
Laboratory ID:	08-035-02										
	MS	MSD	MS	MSD		MS	MSD				
Diesel Range	**0.661**	**0.663**	0.500	0.500	**ND**	**132**	**133**	54-123	0	40	V
Surrogate:											
o-Terphenyl						*110*	*96*	*50-150*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

ANATEK LABS

Analytical Results Report For:

OnSite Environmental, Inc.

Project:

Parametrix DTG Yakima

Anatek Work Order:

YFH0048

Anatek Moscow - 1282 Alturas Drive - Moscow, ID 83843 - 208-883-2839 - moscow@anateklabs.com - FL NELAP E87893
Anatek Spokane - 504 E Sprague Ste. D - Spokane, WA 99202 - 509-838-3999 - spokane@anateklabs.com - FL NELAP E871099
Anatek Yakima - 4802 Tieton Drive - Yakima, WA 98908 - 509-225-9404 - yakima@anateklabs.com - FL NELAP E871190
Anatek Wenatchee - 3019 Gs Center Rd - Wenatchee, WA 98801 - 509-701-8362

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Client:	OnSite Environmental, Inc.	Work Order:	YFH0048
Address:	14648 NE. 95th St.	Project:	Parametrix DTG Yakima
	Redmond, WA 98052	Reported:	8/6/2025 00:37
Attn:	David Baumeister		

Analytical Results Report

Sample Location:	MW-6S		
Lab/Sample Number:	YFH0048-01	Collect Date:	08/05/25 08:30
Date Received:	08/05/25 12:29	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	11.7	mg/L	0.200	8/5/25 15:12	DRA	Hach 10206	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-9D		
Lab/Sample Number:	YFH0048-03	Collect Date:	08/05/25 09:45
Date Received:	08/05/25 12:29	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	8/5/25 15:12	DRA	Hach 10206	

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-10D		
Lab/Sample Number:	YFH0048-04	Collect Date:	08/05/25 10:10
Date Received:	08/05/25 12:29	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	0.970	mg/L	0.200	8/5/25 15:12	DRA	Hach 10206	

Anatek Labs, Inc.

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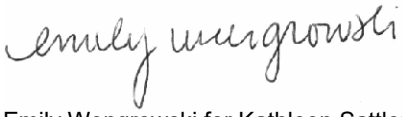
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Authorized Signature,



Emily Wengrowski for Kathleen Sattler, Lab Manager

PQL	Practical Quantitation Limit
ND	Not Detected
MCL	EPA's Maximum Contaminant Level
Dry	Sample results reported on a dry weight basis
*	Not a state-certified analyte

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Quality Control Data

Inorganics

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BFH0208 - Y Hach Vial										
Blank (BFH0208-BLK1)					Prepared: 08/05/25 14:57- Analyzed: 08/05/25 15:12					
Nitrate as N	ND		0.200	mg/L						
LCS (BFH0208-BS1)					Prepared: 08/05/25 14:57- Analyzed: 08/05/25 15:12					
Nitrate as N	5.04		0.200	mg/L	5.00		101	90-110		
Matrix Spike (BFH0208-MS1)		**Source: YFH0048-02**			Prepared: 08/05/25 14:57- Analyzed: 08/05/25 15:12					
Nitrate as N	17.5		0.400	mg/L	5.00	12.6	98.0	80-120		
Matrix Spike Dup (BFH0208-MSD1)		**Source: YFH0048-02**			Prepared: 08/05/25 14:57- Analyzed: 08/05/25 15:12					
Nitrate as N	17.1		0.400	mg/L	5.00	12.6	90.4	80-120	2.20	20

ANATEK LABS

Chain of Custody Record

Anatek Labs. Inc.
1282 Alturas Drive, M
504 E Sprague Ste D, S

YFH0048

Due: 08/19/25

Company Name: OnSite Environmental (Parametrix)	Project Manager: David Baumeister
Address: 14648 NE 95th Street	Project Name & #: Parametrix DTG Yakima
City: Redmond State: WA Zip: 98052	Purchase Order #:
Phone: 425-883-3881	Sampler Name & Phone: Brianna Hines 360 621-7463
Email Address(es): dbaumeister@onsite-env.com	

T
Plea

X Normal
__Next Day*
__2nd Day*
__Other*_____
__Email

*All rush order requests must have prior approval

Date/times per bottles 8/5 aa

Lab ID	Sample Identification	Sampling Date/Time	Matrix	# of Containers	Sample Volume	Nitrate
	~~MW-2S~~		Water	1		x
	MW-3S		Water	1		x
	MW-4S		Water	1		x
	MW-5S		Water	1		x
	MW-6S	8/5 830	Water	2		x
	~~MW-13S~~		Water	1		x
	MW-7D		Water	1		x
	MW-8D		Water	1		x
	MW-9D	8/5 945	Water	1		x
	MW-10D	8/5 1010	Water	1		x

List Analyses Requested — Preservative:

Note Special Instructions/Comments

Extra MS/MSD volume @ MW-6S

P500X4

Inspection Checklist

Received Intact?	(Y)	N
Labels & Chains Agree?	(Y)	N
Containers Sealed?	Y	(N)
~~No VOC Head Space?~~	~~Y~~	~~N~~
Cooler?	(Y)	N
Ice/Ice Packs Present?	(Y)	N

Temperature (°C): 5.0-0/5.2 aa -C Dig 6
Number of Containers: 4
Shipped Via: hand
Preservative: —
Date & Time: 8/5/25 1229
Inspected By: aa

	Printed Name	Signature	Company	Date	Time
Relinquished by	Brianna Hines	BrianaHines	Parametrix	8/5/25	12:27pm
Received by	Ashley Andersen	AAndersen	Anatek	8/5/25	1229
Relinquished by					
Received by					
Relinquished by					
Received by					

Samples submitted to Anatek Labs may be subcontacted to other accredited labs if necessary. This message serves as notice of this possibility. Subcontracted analyses will be clearly noted on the analytical report.

ANATEK LABS

Analytical Results Report For:

OnSite Environmental, Inc.

Project:

Parametrix DTG Yakima

Anatek Work Order:

YFH0039

Anatek Moscow - 1282 Alturas Drive - Moscow, ID 83843 - 208-883-2839 - moscow@anateklabs.com - FL NELAP E87893
Anatek Spokane - 504 E Sprague Ste. D - Spokane, WA 99202 - 509-838-3999 - spokane@anateklabs.com - FL NELAP E871099
Anatek Yakima - 4802 Tieton Drive - Yakima, WA 98908 - 509-225-9404 - yakima@anateklabs.com - FL NELAP E871190
Anatek Wenatchee - 3019 Gs Center Rd - Wenatchee, WA 98801 - 509-701-8362

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Client:	OnSite Environmental, Inc.	Work Order:	YFH0039
Address:	14648 NE. 95th St.	Project:	Parametrix DTG Yakima
	Redmond, WA 98052	Reported:	8/6/2025 00:35
Attn:	David Baumeister		

Analytical Results Report

Sample Location:	MW-5S		
Lab/Sample Number:	YFH0039-01	Collect Date:	08/04/25 11:35
Date Received:	08/04/25 16:20	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	8/5/25 15:12	DRA	Hach 10206	

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-13S		
Lab/Sample Number:	YFH0039-02	Collect Date:	08/04/25 08:00
Date Received:	08/04/25 16:20	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	1.46	mg/L	0.200	8/5/25 15:12	DRA	Hach 10206	

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-7D		
Lab/Sample Number:	YFH0039-03	Collect Date:	08/04/25 10:05
Date Received:	08/04/25 16:20	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	8/5/25 15:12	DRA	Hach 10206	

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-8D		
Lab/Sample Number:	YFH0039-04	Collect Date:	08/04/25 14:10
Date Received:	08/04/25 16:20	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	1.48	mg/L	0.200	8/5/25 15:12	DRA	Hach 10206	

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Authorized Signature,

Emily Wengrowski for Kathleen Sattler, Lab Manager

PQL	Practical Quantitation Limit
ND	Not Detected
MCL	EPA's Maximum Contaminant Level
Dry	Sample results reported on a dry weight basis
*	Not a state-certified analyte

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Quality Control Data

Inorganics

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BFH0208 - Y Hach Vial										
Blank (BFH0208-BLK1)					Prepared: 08/05/25 14:57- Analyzed: 08/05/25 15:12					
Nitrate as N	ND		0.200	mg/L						
LCS (BFH0208-BS1)					Prepared: 08/05/25 14:57- Analyzed: 08/05/25 15:12					
Nitrate as N	5.04		0.200	mg/L	5.00		101	90-110		
Matrix Spike (BFH0208-MS1)		**Source: YFH0048-02**			Prepared: 08/05/25 14:57- Analyzed: 08/05/25 15:12					
Nitrate as N	17.5		0.400	mg/L	5.00	12.6	98.0	80-120		
Matrix Spike Dup (BFH0208-MSD1)		**Source: YFH0048-02**			Prepared: 08/05/25 14:57- Analyzed: 08/05/25 15:12					
Nitrate as N	17.1		0.400	mg/L	5.00	12.6	90.4	80-120	2.20	20

ANATEK LABS

Chain of Custody Record

Ana
1282 Alturas Drive,
504 E Sprague Ste D,

YFH0039

Due: 08/19/25

Company Name: OnSite Environmental (Parametrix)	Project Manager: David Baumeister
Address: 14648 NE 95th Street	Project Name & # : Parametrix DTG Yakima
City: Redmond State: WA Zip: 98052	Purchase Order #:
Phone: 425-883-3881	Sampler Name & Phone: Brianna Hines 360-621-7463
Email Address(es): dbaumeister@onsite-env.com	

Pl

X Normal __Phone
__Next Day* __Email
__2nd Day*
__Other*_____

*All rush order requests must have prior approval

Date/time per containers 8/4 @0

Lab ID	Sample Identification	Sampling Date/Time	Matrix	# of Containers	Sample Volume	Preservative: Nitrate									
	MW-2S		Water	1		X									
	MW-3S		Water	1		X									
	MW-4S		Water	1		X									
	MW-5S	8/4/25 1135	Water	1		X									
	MW-6S		Water	2		X									
	MW-13S	8/4/25 0800	Water	1		X									
	MW-7D	8/4/25 1005	Water	1		X									
	MW-8D	8/4/25 1410	Water	1		X									
	MW-9D		Water	1		X									
	MW-10D		Water	1		X									

List Analyses Requested

Note Special Instructions/Comments

Extra MS/MSD volume
@ MW-6S

4 x P500

Inspection Checklist

Received Intact?	(Y)	N
Labels & Chains Agree?	(Y)	N
Containers Sealed?	(Y)	N
No VOC Head Space?	Y	N
Cooler?	(Y)	N
Ice/Ice Packs Present?	(Y)	N

Temperature (°C): 3.0/3.2
Number of Containers: 4
Shipped Via: Hand
Preservative: NA
Date & Time: 8/4/25 @ 16:26
Inspected By: AS

	Printed Name	Signature	Company	Date	Time
Relinquished by	Brianna Hines		Parametrix	8/4/25	1621
Received by	G. Stubblefield		Anatek	8/4/25	16:20
Relinquished by					
Received by					
Relinquished by					
Received by					

Samples submitted to Anatek Labs may be subcontacted to other accredited labs if necessary. This message serves as notice of this possibility. Subcontracted analyses will be clearly noted on the analytical report.

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Parametrix
Project Number: 553-8472-009
Project Name: Rocky Top Environmental LPL
Project Manager: Laura Lee, Mike Brady
Sampled by: Bri Ithne

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 08-035

	Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	VOCs (8260D – WAC 173-351 Appendix I) Naphthalene; SIM-VC and 1,2-EDB	NWTPH-Gx	NWTPH-Dx	Nitrate	MS/MSD	% Moisture
1	~~8~~	MW-5S	8/4/25	1135	Water	7	X	X	X	X		
2	~~9~~	MW-6S	8/5/25	0830	Water	14	X	X	X	X	x	
3	~~10~~	MW-13S	8/4/25	0800	Water	7	X	X	X	X		
4	~~11~~	MW-7D	8/4/25	1005	Water	3	X			X		
5	~~12~~	MW-8D	8/4/25	1410	Water	3	X			X		
6	~~13~~	MW-9D	8/5/25	0945	Water	3	X			X		
7	~~14~~	MW-10D	8/5/25	1040	Water	3	X			X		
	8	Trip Blanks	–	–	W	3	X	X				
							X					

	Signature	Company	Date	Time
Relinquished	Bri L Ithne	Parametrix	8/5/25	1523
Received	Aidan Prell	OSE	8/5/25	1523
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Additional MS/MSD volumes taken @ MW-6S

Nitrates subbed to local lab (Anatek, Yakima)

Chromatograms with final report ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 19, 2025

Laura Lee
Parametrix, Inc.
719 2nd Avenue, Suite 200
Seattle, WA 98104

Re: Analytical Data for Project 553-8472-009
Laboratory Reference No. 2509-119a

Dear Laura:

Enclosed are the analytical results and associated quality control data for samples submitted on September 11, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

Case Narrative

Samples were collected on September 9 and 10, 2025 and received by the laboratory on September 11, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

TOTAL ALKALINITY
SM 2320B

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-119-01					
Total Alkalinity	**120**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-2S**					
Laboratory ID:	09-119-02					
Total Alkalinity	**82**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Total Alkalinity	**100**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-4S**					
Laboratory ID:	09-119-04					
Total Alkalinity	**160**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-5S**					
Laboratory ID:	09-119-05					
Total Alkalinity	**110**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-6S**					
Laboratory ID:	09-119-06					
Total Alkalinity	**88**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Total Alkalinity	**110**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Total Alkalinity	**160**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-7D**					
Laboratory ID:	09-119-09					
Total Alkalinity	**100**	2.0	SM 2320B	9-12-25	9-12-25	

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TOTAL ALKALINITY
SM 2320B

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	09-119-10					
Total Alkalinity	**92**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-9D**					
Laboratory ID:	09-119-11					
Total Alkalinity	**90**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-10D**					
Laboratory ID:	09-119-12					
Total Alkalinity	**98**	2.0	SM 2320B	9-12-25	9-12-25	

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Project: 553-8472-009

TOTAL ALKALINITY
SM 2320B
QUALITY CONTROL

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912W1					
Total Alkalinity	**ND**	2.0	SM 2320B	9-12-25	9-12-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-119-03										
	ORIG	DUP									
Total Alkalinity	**104**	**102**	NA		NA	NA		NA	2	10	
MATRIX SPIKES											
Laboratory ID:	09-119-03										
	MS	MSD	MS	MSD		MS	MSD				
Total Alkalinity	**192**	**190**	100	100	104	88	86	80-120	1	20	
SPIKE BLANK											
Laboratory ID:	SB0912W1										
	SB		SB			SB					
Total Alkalinity	**98.0**		100		NA	98		81-104	NA	NA	

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BICARBONATE
SM 2320B

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-119-01					
Bicarbonate	**120**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-2S**					
Laboratory ID:	09-119-02					
Bicarbonate	**82**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Bicarbonate	**100**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-4S**					
Laboratory ID:	09-119-04					
Bicarbonate	**160**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-5S**					
Laboratory ID:	09-119-05					
Bicarbonate	**110**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-6S**					
Laboratory ID:	09-119-06					
Bicarbonate	**88**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Bicarbonate	**110**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Bicarbonate	**160**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-7D**					
Laboratory ID:	09-119-09					
Bicarbonate	**100**	2.0	SM 2320B	9-12-25	9-12-25	

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BICARBONATE
SM 2320B

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	09-119-10					
Bicarbonate	**92**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-9D**					
Laboratory ID:	09-119-11					
Bicarbonate	**90**	2.0	SM 2320B	9-12-25	9-12-25	
Client ID:	**MW-10D**					
Laboratory ID:	09-119-12					
Bicarbonate	**98**	2.0	SM 2320B	9-12-25	9-12-25	

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BICARBONATE
SM 2320B
QUALITY CONTROL

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912W1					
Bicarbonate	**ND**	2.0	SM 2320B	9-12-25	9-12-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-119-03										
	ORIG	DUP									
Total Alkalinity	**104**	**102**	NA		NA	NA		NA	2	10	
MATRIX SPIKES											
Laboratory ID:	09-119-03										
	MS	MSD	MS	MSD		MS	MSD				
Total Alkalinity	**192**	**190**	100	100	104	88	86	80-120	1	20	
SPIKE BLANK											
Laboratory ID:	SB0912W1										
	SB		SB			SB					
Total Alkalinity	**98.0**		100		NA	98		81-104	NA	NA	

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TOTAL DISSOLVED SOLIDS
SM 2540C

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-119-01					
Total Dissolved Solids	**130**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-2S**					
Laboratory ID:	09-119-02					
Total Dissolved Solids	**120**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Total Dissolved Solids	**410**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-4S**					
Laboratory ID:	09-119-04					
Total Dissolved Solids	**640**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-5S**					
Laboratory ID:	09-119-05					
Total Dissolved Solids	**210**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-6S**					
Laboratory ID:	09-119-06					
Total Dissolved Solids	**330**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Total Dissolved Solids	**150**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Total Dissolved Solids	**670**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-7D**					
Laboratory ID:	09-119-09					
Total Dissolved Solids	**120**	13	SM 2540C	9-15-25	9-15-25	

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Project: 553-8472-009

TOTAL DISSOLVED SOLIDS
SM 2540C

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	09-119-10					
Total Dissolved Solids	**230**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-9D**					
Laboratory ID:	09-119-11					
Total Dissolved Solids	**270**	13	SM 2540C	9-15-25	9-15-25	
Client ID:	**MW-10D**					
Laboratory ID:	09-119-12					
Total Dissolved Solids	**190**	13	SM 2540C	9-15-25	9-15-25	

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Laboratory Reference: 2509-119a
Project: 553-8472-009

TOTAL DISSOLVED SOLIDS
SM 2540C
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0915W1					
Total Dissolved Solids	**ND**	13	SM 2540C	9-15-25	9-15-25	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-119-03								
	ORIG	DUP							
Total Dissolved Solids	**408**	**371**	NA	NA	NA	NA	9	40	
SPIKE BLANK									
Laboratory ID:	SB0915W1								
	SB		SB		SB				
Total Dissolved Solids	**448**		500	NA	90	72-123	NA	NA	

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CHLORIDE
SM 4500-Cl E

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-119-01					
Chloride	**4.4**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-2S**					
Laboratory ID:	09-119-02					
Chloride	**2.4**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Chloride	**67**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-4S**					
Laboratory ID:	09-119-04					
Chloride	**42**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-5S**					
Laboratory ID:	09-119-05					
Chloride	**17**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-6S**					
Laboratory ID:	09-119-06					
Chloride	**62**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Chloride	**7.2**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Chloride	**43**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-7D**					
Laboratory ID:	09-119-09					
Chloride	**2.7**	2.0	SM 4500-Cl E	9-11-25	9-11-25	

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Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

CHLORIDE
SM 4500-Cl E

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	09-119-10					
Chloride	**20**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-9D**					
Laboratory ID:	09-119-11					
Chloride	**44**	2.0	SM 4500-Cl E	9-11-25	9-11-25	
Client ID:	**MW-10D**					
Laboratory ID:	09-119-12					
Chloride	**3.3**	2.0	SM 4500-Cl E	9-11-25	9-11-25	

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

CHLORIDE
SM 4500-Cl E
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0911W1					
Chloride	**ND**	2.0	SM 4500-Cl E	9-11-25	9-11-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-119-03										
	ORIG	DUP									
Chloride	**66.5**	**65.7**	NA		NA	NA		NA	1	15	
MATRIX SPIKES											
Laboratory ID:	09-119-03										
	MS	MSD	MS	MSD		MS	MSD				
Chloride	**168**	**172**	100	100	66.5	102	106	79-131	2	20	
SPIKE BLANK											
Laboratory ID:	SB0911W1										
	SB		SB			SB					
Chloride	**50.7**		50.0		NA	101		82-123	NA	NA	

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Laboratory Reference: 2509-119a
Project: 553-8472-009

SULFATE
ASTM D516-16

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-119-01					
Sulfate	**6.2**	5.0	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-2S**					
Laboratory ID:	09-119-02					
Sulfate	**5.5**	5.0	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Sulfate	**96**	20	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-4S**					
Laboratory ID:	09-119-04					
Sulfate	**120**	20	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-5S**					
Laboratory ID:	09-119-05					
Sulfate	**59**	10	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-6S**					
Laboratory ID:	09-119-06					
Sulfate	**66**	20	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Sulfate	**15**	5.0	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Sulfate	**130**	20	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-7D**					
Laboratory ID:	09-119-09					
Sulfate	**ND**	5.0	ASTM D516-16	9-12-25	9-12-25	

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Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

SULFATE
ASTM D516-16

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	09-119-10					
Sulfate	**60**	20	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-9D**					
Laboratory ID:	09-119-11					
Sulfate	**68**	20	ASTM D516-16	9-12-25	9-12-25	
Client ID:	**MW-10D**					
Laboratory ID:	09-119-12					
Sulfate	**12**	5.0	ASTM D516-16	9-12-25	9-12-25	

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Project: 553-8472-009

SULFATE
ASTM D516-16
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912W1					
Sulfate	**ND**	5.0	ASTM D516-16	9-12-25	9-12-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-119-03										
	ORIG	DUP									
Sulfate	**95.9**	**94.8**	NA		NA	NA		NA	1	11	
MATRIX SPIKES											
Laboratory ID:	09-119-03										
	MS	MSD	MS	MSD		MS	MSD				
Sulfate	**134**	**135**	50.0	50.0	95.9	76	78	70-131	1	20	
SPIKE BLANK											
Laboratory ID:	SB0912W1										
	SB		SB			SB					
Sulfate	**9.35**		10.0		NA	94		83-113	NA	NA	

Date of Report: September 19, 2025
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Project: 553-8472-009

AMMONIA (as Nitrogen)
SM 4500-NH_3 D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-119-01					
Ammonia	**0.12**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-2S**					
Laboratory ID:	09-119-02					
Ammonia	**0.071**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Ammonia	**0.069**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-4S**					
Laboratory ID:	09-119-04					
Ammonia	**0.21**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-5S**					
Laboratory ID:	09-119-05					
Ammonia	**0.24**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-6S**					
Laboratory ID:	09-119-06					
Ammonia	**ND**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Ammonia	**0.13**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Ammonia	**0.070**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-7D**					
Laboratory ID:	09-119-09					
Ammonia	**ND**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	

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Project: 553-8472-009

AMMONIA (as Nitrogen)
SM 4500-NH_3 D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	09-119-10					
Ammonia	**0.057**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-9D**					
Laboratory ID:	09-119-11					
Ammonia	**ND**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	
Client ID:	**MW-10D**					
Laboratory ID:	09-119-12					
Ammonia	**0.088**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	

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AMMONIA (as Nitrogen)
SM 4500-NH_3 D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0916W1					
Ammonia	**ND**	0.053	SM 4500-NH3 D	9-16-25	9-16-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-119-03										
	ORIG	DUP									
Ammonia	**0.0685**	**0.0703**	NA		NA	NA		NA	3	21	
MATRIX SPIKES											
Laboratory ID:	09-119-03										
	MS	MSD	MS	MSD		MS	MSD				
Ammonia	**4.66**	**4.67**	5.00	5.00	0.0685	92	92	76-114	0	20	
SPIKE BLANK											
Laboratory ID:	SB0916W1										
	SB		SB			SB					
Ammonia	**4.66**		5.00		NA	93		81-110	NA	NA	

Date of Report: September 19, 2025
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TOTAL ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-119-01					
Total Organic Carbon	**ND**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-2S**					
Laboratory ID:	09-119-02					
Total Organic Carbon	**ND**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Total Organic Carbon	**3.0**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-4S**					
Laboratory ID:	09-119-04					
Total Organic Carbon	**3.9**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-5S**					
Laboratory ID:	09-119-05					
Total Organic Carbon	**ND**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-6S**					
Laboratory ID:	09-119-06					
Total Organic Carbon	**3.1**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Total Organic Carbon	**ND**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Total Organic Carbon	**3.8**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-7D**					
Laboratory ID:	09-119-09					
Total Organic Carbon	**ND**	1.0	SM 5310B	9-15-25	9-15-25	

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

TOTAL ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	09-119-10					
Total Organic Carbon	**ND**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-9D**					
Laboratory ID:	09-119-11					
Total Organic Carbon	**3.0**	1.0	SM 5310B	9-15-25	9-15-25	
Client ID:	**MW-10D**					
Laboratory ID:	09-119-12					
Total Organic Carbon	**ND**	1.0	SM 5310B	9-15-25	9-15-25	

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

TOTAL ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0915W1					
Total Organic Carbon	**ND**	1.0	SM 5310B	9-15-25	9-15-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-119-03										
	ORIG	DUP									
Total Organic Carbon	**3.01**	**3.08**	NA		NA	NA		NA	2	10	
MATRIX SPIKES											
Laboratory ID:	09-119-03										
	MS	MSD	MS	MSD		MS	MSD				
Total Organic Carbon	**15.4**	**15.4**	10.0	10.0	3.01	124	124	70-136	0	20	
SPIKE BLANK											
Laboratory ID:	SB0915W1										
	SB		SB			SB					
Total Organic Carbon	**11.5**		10.0		NA	115		83-130	NA	NA	

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

DISSOLVED METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-119-01					
Calcium	**18**	1.1	EPA 6010D		9-16-25	
Iron	**1.1**	0.056	EPA 6010D		9-16-25	
Magnesium	**10**	1.1	EPA 6010D		9-16-25	
Manganese	**0.62**	0.011	EPA 6010D		9-16-25	
Potassium	**2.8**	1.1	EPA 6010D		9-16-25	
Sodium	**18**	1.1	EPA 6010D		9-16-25	
Client ID:	**MW-2S**					
Laboratory ID:	09-119-02					
Calcium	**13**	1.1	EPA 6010D		9-16-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**8.8**	1.1	EPA 6010D		9-16-25	
Manganese	**ND**	0.011	EPA 6010D		9-16-25	
Potassium	**3.1**	1.1	EPA 6010D		9-16-25	
Sodium	**9.2**	1.1	EPA 6010D		9-16-25	
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Calcium	**50**	1.1	EPA 6010D		9-16-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**35**	1.1	EPA 6010D		9-16-25	
Manganese	**ND**	0.011	EPA 6010D		9-16-25	
Potassium	**4.8**	1.1	EPA 6010D		9-16-25	
Sodium	**19**	1.1	EPA 6010D		9-16-25	
Client ID:	**MW-4S**					
Laboratory ID:	09-119-04					
Calcium	**100**	10	EPA 6010D		9-17-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**74**	10	EPA 6010D		9-17-25	
Manganese	**ND**	0.011	EPA 6010D		9-16-25	
Potassium	**6.7**	1.1	EPA 6010D		9-16-25	
Sodium	**21**	1.1	EPA 6010D		9-16-25	

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

DISSOLVED METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	09-119-05					
Calcium	**28**	1.1	EPA 6010D		9-16-25	
Iron	**0.073**	0.056	EPA 6010D		9-16-25	
Magnesium	**18**	1.1	EPA 6010D		9-16-25	
Manganese	**0.021**	0.011	EPA 6010D		9-16-25	
Potassium	**3.5**	1.1	EPA 6010D		9-16-25	
Sodium	**17**	1.1	EPA 6010D		9-16-25	
Client ID:	**MW-6S**					
Laboratory ID:	09-119-06					
Calcium	**45**	1.1	EPA 6010D		9-16-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**30**	1.1	EPA 6010D		9-16-25	
Manganese	**ND**	0.011	EPA 6010D		9-16-25	
Potassium	**4.6**	1.1	EPA 6010D		9-16-25	
Sodium	**16**	1.1	EPA 6010D		9-16-25	
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Calcium	**19**	1.1	EPA 6010D		9-16-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**13**	1.1	EPA 6010D		9-16-25	
Manganese	**0.14**	0.011	EPA 6010D		9-16-25	
Potassium	**3.5**	1.1	EPA 6010D		9-16-25	
Sodium	**13**	1.1	EPA 6010D		9-16-25	
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Calcium	**100**	10	EPA 6010D		9-17-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**75**	10	EPA 6010D		9-17-25	
Manganese	**ND**	0.011	EPA 6010D		9-16-25	
Potassium	**6.7**	1.1	EPA 6010D		9-16-25	
Sodium	**22**	1.1	EPA 6010D		9-16-25	

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

DISSOLVED METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7D**					
Laboratory ID:	09-119-09					
Calcium	**14**	1.1	EPA 6010D		9-16-25	
Iron	**0.077**	0.056	EPA 6010D		9-19-25	
Magnesium	**10**	1.1	EPA 6010D		9-16-25	
Manganese	**0.034**	0.011	EPA 6010D		9-16-25	
Potassium	**2.8**	1.1	EPA 6010D		9-16-25	
Sodium	**17**	1.1	EPA 6010D		9-16-25	
Client ID:	**MW-8D**					
Laboratory ID:	09-119-10					
Calcium	**26**	1.1	EPA 6010D		9-16-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**18**	1.1	EPA 6010D		9-16-25	
Manganese	**0.033**	0.011	EPA 6010D		9-16-25	
Potassium	**3.2**	1.1	EPA 6010D		9-16-25	
Sodium	**19**	1.1	EPA 6010D		9-16-25	
Client ID:	**MW-9D**					
Laboratory ID:	09-119-11					
Calcium	**33**	1.1	EPA 6010D		9-16-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**21**	1.1	EPA 6010D		9-16-25	
Manganese	**ND**	0.011	EPA 6010D		9-16-25	
Potassium	**2.7**	1.1	EPA 6010D		9-16-25	
Sodium	**27**	1.1	EPA 6010D		9-16-25	
Client ID:	**MW-10D**					
Laboratory ID:	09-119-12					
Calcium	**19**	1.1	EPA 6010D		9-16-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**11**	1.1	EPA 6010D		9-16-25	
Manganese	**ND**	0.011	EPA 6010D		9-16-25	
Potassium	**2.6**	1.1	EPA 6010D		9-16-25	
Sodium	**12**	1.1	EPA 6010D		9-16-25	

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

DISSOLVED METALS
EPA 6010D
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0916D1					
Calcium	**ND**	1.1	EPA 6010D		9-16-25	
Iron	**ND**	0.056	EPA 6010D		9-16-25	
Magnesium	**ND**	1.1	EPA 6010D		9-16-25	
Manganese	**ND**	0.011	EPA 6010D		9-16-25	
Potassium	**ND**	1.1	EPA 6010D		9-16-25	
Sodium	**ND**	1.1	EPA 6010D		9-16-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	09-119-03									
	ORIG	DUP								
Calcium	**50.1**	**50.8**	NA	NA		NA	NA	1	20	
Iron	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Magnesium	**35.4**	**35.9**	NA	NA		NA	NA	1	20	
Manganese	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Potassium	**4.81**	**4.81**	NA	NA		NA	NA	0	20	
Sodium	**19.1**	**19.4**	NA	NA		NA	NA	1	20	

MATRIX SPIKES										
Laboratory ID:	09-119-03									
	MS	MSD	MS	MSD		MS	MSD			
Calcium	**154**	**158**	100	100	50.1	**103**	**108**	75-125	3	20
Iron	**25.0**	**25.0**	22.2	22.2	ND	**112**	**112**	75-125	0	20
Magnesium	**57.6**	**57.9**	22.2	22.2	35.4	**100**	**101**	75-125	1	20
Manganese	**0.550**	**0.564**	0.556	0.556	ND	**99**	**101**	75-125	2	20
Potassium	**29.9**	**30.2**	22.2	22.2	4.81	**113**	**114**	75-125	1	20
Sodium	**42.8**	**43.0**	22.2	22.2	19.1	**107**	**108**	75-125	0	20

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

TOTAL METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-119-01					
Iron	**1.1**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**9.8**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**0.57**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-2S**					
Laboratory ID:	09-119-02					
Iron	**ND**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**8.1**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**ND**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Iron	**ND**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**36**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**ND**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-4S**					
Laboratory ID:	09-119-04					
Iron	**ND**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**67**	10	EPA 6010D	9-18-25	9-18-25	
Manganese	**ND**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-5S**					
Laboratory ID:	09-119-05					
Iron	**0.16**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**16**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**0.030**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-6S**					
Laboratory ID:	09-119-06					
Iron	**ND**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**28**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**ND**	0.010	EPA 6010D	9-18-25	9-18-25	

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

TOTAL METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Iron	**0.30**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**13**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**0.14**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Iron	**ND**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**67**	10	EPA 6010D	9-18-25	9-18-25	
Manganese	**ND**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-7D**					
Laboratory ID:	09-119-09					
Iron	**0.084**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**9.9**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**0.031**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-8D**					
Laboratory ID:	09-119-10					
Iron	**0.088**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**17**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**0.033**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-9D**					
Laboratory ID:	09-119-11					
Iron	**ND**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**19**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**ND**	0.010	EPA 6010D	9-18-25	9-18-25	
Client ID:	**MW-10D**					
Laboratory ID:	09-119-12					
Iron	**ND**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**11**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**ND**	0.010	EPA 6010D	9-18-25	9-18-25	

Date of Report: September 19, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119a
Project: 553-8472-009

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0918WH2					
Iron	**ND**	0.050	EPA 6010D	9-18-25	9-18-25	
Magnesium	**ND**	1.0	EPA 6010D	9-18-25	9-18-25	
Manganese	**ND**	0.010	EPA 6010D	9-18-25	9-18-25	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-119-03										
	ORIG	DUP									
Iron	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Magnesium	**35.6**	**36.2**	NA	NA		NA		NA	2	20	
Manganese	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-119-03										
	MS	MSD	MS	MSD		MS	MSD				
Iron	**20.1**	**18.9**	20.0	20.0	ND	**101**	**95**	75-125	6	20	
Magnesium	**53.9**	**52.6**	20.0	20.0	35.6	**92**	**85**	75-125	3	20	
Manganese	**0.499**	**0.471**	0.500	0.500	ND	**100**	**94**	75-125	6	20	

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Parametrix
Project Number: 553-8472-009
Project Name: Rocky Top Environmental LPL
Project Manager: Laura Lee, Mike Brady
Sampled by:

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
- ☐ 2 Days ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 09-119

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Alkalinity, Bicarbonate, TDS	Chloride, Sulfate	Ammonia	TOC	Dissolved Metals (Fe, Mn, Mg, Ca, K, Na)	Total Metals (Fe, Mn, Mg)	PP Metals-Total	% Moisture
1	MW-1S	9/10/25	1440	Water	6	X	X	X	X	X	X		
2	MW-2S	9/9/25	1635	Water	6	X	X	X	X	X	X		
3	MW-3S	9/10/25	1015	Water	12/8	X	X	X	X	X	X	X	
4	MW-4S	9/10/25	1215	Water	6	X	X	X	X	X	X		
5	MW-5S	9/9/25	1225	Water	6	X	X	X	X	X	X		
6	MW-6S	9/10/25	1330	Water	6	X	X	X	X	X	X		
7	MW-11S	9/10/25	1130	Water	6	X	X	X	X	X	X	X	
8	MW-13S	9/10/25	0800	Water	6	X	X	X	X	X	X	X	
9	MW-7D	9/9/25	1435	Water	6	X	X	X	X	X	X		
10	MW-8D	9/9/25	1540	Water	6	X	X	X	X	X	X		

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	9/11/25	11:05
Received	Gordan Prell	OSE	9/11/25	1105
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Additional MS/MSD volumes taken @ MW-3S for Alk/Bicarb, TDS, Chloride, Sulfate

Chromatograms with final report ☐

Chain of Custody

OnSite Environmental Inc.
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Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 09-119

Company: Parametrix
Project Number: 553-8472-009
Project Name: Rocky Top Environmental LPL
Project Manager: Laura Lee, Mike Brady
Sampled by:

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Alkalinity, Bicarbonate, TDS	Chloride, Sulfate	Ammonia	TOC	Dissolved Metals (Fe, Mn, Mg, Ca, K, Na)	Total Metals (Fe, Mn, Mg)	% Moisture
11	MW-9D	9/10/25	0900	Water	6	X	X	X	X	X	X	
12	MW-10D	9/10/25	1525	Water	6	X	X	X	X	X	X	
						X						

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	9/11/25	11:05
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Additional MS/MSD volumes taken @ MW-3S

Chromatograms with final report ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 22, 2025

Laura Lee
Parametrix, Inc.
719 2nd Avenue, Suite 200
Seattle, WA 98104

Re: Analytical Data for Project 553-8472-009
Laboratory Reference No. 2509-119b

Dear Laura:

Enclosed are the analytical results and associated quality control data for samples submitted on September 11, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119b
Project: 553-8472-009

Case Narrative

Samples were collected on September 10, 2025 and received by the laboratory on September 11, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119b
Project: 553-8472-009

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3S**					
Laboratory ID:	09-119-03					
Antimony	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Arsenic	**ND**	0.0033	EPA 200.8	9-18-25	9-19-25	
Beryllium	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Cadmium	**ND**	0.0044	EPA 200.8	9-18-25	9-19-25	
Chromium	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Copper	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Lead	**ND**	0.0011	EPA 200.8	9-18-25	9-19-25	
Mercury	**ND**	0.00050	EPA 7470A	9-22-25	9-22-25	
Nickel	**ND**	0.022	EPA 200.8	9-18-25	9-19-25	
Selenium	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Silver	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Thallium	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Zinc	**ND**	0.028	EPA 200.8	9-18-25	9-19-25	
Client ID:	**MW-11S**					
Laboratory ID:	09-119-07					
Antimony	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Arsenic	**ND**	0.0033	EPA 200.8	9-18-25	9-19-25	
Beryllium	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Cadmium	**ND**	0.0044	EPA 200.8	9-18-25	9-19-25	
Chromium	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Copper	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Lead	**ND**	0.0011	EPA 200.8	9-18-25	9-19-25	
Mercury	**ND**	0.00050	EPA 7470A	9-22-25	9-22-25	
Nickel	**ND**	0.022	EPA 200.8	9-18-25	9-19-25	
Selenium	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Silver	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Thallium	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Zinc	**ND**	0.028	EPA 200.8	9-18-25	9-19-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119b
Project: 553-8472-009

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13S**					
Laboratory ID:	09-119-08					
Antimony	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Arsenic	**ND**	0.0033	EPA 200.8	9-18-25	9-19-25	
Beryllium	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Cadmium	**ND**	0.0044	EPA 200.8	9-18-25	9-19-25	
Chromium	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Copper	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Lead	**ND**	0.0011	EPA 200.8	9-18-25	9-19-25	
Mercury	**ND**	0.00050	EPA 7470A	9-22-25	9-22-25	
Nickel	**ND**	0.022	EPA 200.8	9-18-25	9-19-25	
Selenium	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Silver	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Thallium	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Zinc	**ND**	0.028	EPA 200.8	9-18-25	9-19-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119b
Project: 553-8472-009

TOTAL METALS
EPA 200.8/7470A
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0918WM2					
Antimony	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Arsenic	**ND**	0.0033	EPA 200.8	9-18-25	9-19-25	
Beryllium	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Cadmium	**ND**	0.0044	EPA 200.8	9-18-25	9-19-25	
Chromium	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Copper	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Lead	**ND**	0.0011	EPA 200.8	9-18-25	9-19-25	
Nickel	**ND**	0.022	EPA 200.8	9-18-25	9-19-25	
Selenium	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Silver	**ND**	0.011	EPA 200.8	9-18-25	9-19-25	
Thallium	**ND**	0.0056	EPA 200.8	9-18-25	9-19-25	
Zinc	**ND**	0.028	EPA 200.8	9-18-25	9-19-25	
Laboratory ID:	MB0922W1					
Mercury	**ND**	0.00050	EPA 7470A	9-22-25	9-22-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-119b
Project: 553-8472-009

TOTAL METALS
EPA 200.8/7470A
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	09-119-03									
	ORIG	DUP								
Antimony	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Beryllium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Copper	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Lead	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Nickel	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Thallium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	09-119-03									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	09-119-03									
	MS	MSD	MS	MSD		MS	MSD			
Antimony	**0.118**	**0.121**	0.111	0.111	ND	**106**	**109**	75-125	3	20
Arsenic	**0.112**	**0.121**	0.111	0.111	ND	**101**	**109**	75-125	7	20
Beryllium	**0.121**	**0.128**	0.111	0.111	ND	**109**	**115**	75-125	5	20
Cadmium	**0.111**	**0.117**	0.111	0.111	ND	**100**	**105**	75-125	5	20
Chromium	**0.110**	**0.114**	0.111	0.111	ND	**99**	**103**	75-125	4	20
Copper	**0.102**	**0.107**	0.111	0.111	ND	**92**	**96**	75-125	5	20
Lead	**0.108**	**0.111**	0.111	0.111	ND	**97**	**100**	75-125	3	20
Nickel	**0.103**	**0.108**	0.111	0.111	ND	**93**	**97**	75-125	4	20
Selenium	**0.117**	**0.133**	0.111	0.111	ND	**106**	**120**	75-125	13	20
Silver	**0.101**	**0.105**	0.111	0.111	ND	**91**	**95**	75-125	4	20
Thallium	**0.108**	**0.113**	0.111	0.111	ND	**98**	**102**	75-125	4	20
Zinc	**0.113**	**0.119**	0.111	0.111	ND	**102**	**107**	75-125	5	20
Laboratory ID:	09-119-03									
Mercury	**0.0116**	**0.0117**	0.0125	0.0125	ND	**93**	**93**	75-125	0	20

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Parametrix
Project Number: 553-8472-009
Project Name: Rocky Top Environmental LPL
Project Manager: Laura Lee, Mike Brady
Sampled by:

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
- ☐ 2 Days ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 09-119

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Alkalinity, Bicarbonate, TDS	Chloride, Sulfate	Ammonia	TOC	Dissolved Metals (Fe, Mn, Mg, Ca, K, Na)	Total Metals (Fe, Mn, Mg)	PP Metals-Total	% Moisture
1	MW-1S	9/10/25	1440	Water	6	X	X	X	X	X	X		
2	MW-2S	9/9/25	1635	Water	6	X	X	X	X	X	X		
3	MW-3S	9/10/25	1015	Water	12/8	X	X	X	X	X	X	X	
4	MW-4S	9/10/25	1215	Water	6	X	X	X	X	X	X		
5	MW-5S	9/9/25	1225	Water	6	X	X	X	X	X	X		
6	MW-6S	9/10/25	1330	Water	6	X	X	X	X	X	X		
7	MW-11S	9/10/25	1130	Water	6	X	X	X	X	X	X	X	
8	MW-13S	9/10/25	0800	Water	6	X	X	X	X	X	X	X	
9	MW-7D	9/9/25	1435	Water	6	X	X	X	X	X	X		
10	MW-8D	9/9/25	1540	Water	6	X	X	X	X	X	X		

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	9/11/25	11:05
Received	Gordan Prell	OSE	9/11/25	1105
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Additional MS/MSD volumes taken @ MW-3S for Alk/Bicarb, TDS, Chloride, Sulfate

Chromatograms with final report ☐

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 09-119

Company: Parametrix
Project Number: 553-8472-009
Project Name: Rocky Top Environmental LPL
Project Manager: Laura Lee, Mike Brady
Sampled by:

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Alkalinity, Bicarbonate, TDS	Chloride, Sulfate	Ammonia	TOC	Dissolved Metals (Fe, Mn, Mg, Ca, K, Na)	Total Metals (Fe, Mn, Mg)	% Moisture
11	MW-9D	9/10/25	0900	Water	6	X	X	X	X	X	X	
12	MW-10D	9/10/25	1525	Water	6	X	X	X	X	X	X	
						X						

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	9/11/25	11:05
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Additional MS/MSD volumes taken @ MW-3S

Chromatograms with final report ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 22, 2025

Laura Lee
Parametrix, Inc.
719 2nd Avenue, Suite 200
Seattle, WA 98104

Re: Analytical Data for Project 553-8472-009
Laboratory Reference No. 2509-120

Dear Laura:

Enclosed are the analytical results and associated quality control data for samples submitted on September 11, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

Case Narrative

Samples were collected on September 9 and 10, 2025 and received by the laboratory on September 11, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH-Gx Analysis

The surrogate percent recovery is outside control limits on the high end for sample MW-11S. Because the sample is non-detect, no further action will be taken.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-120-01					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	0.030	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	15	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	10	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-120-01					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*93*	*79-123*				
4-Bromofluorobenzene	*90*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2S**					
Laboratory ID:	09-120-02					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-2S**					
Laboratory ID:	09-120-02					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*68-133*				
Toluene-d8	*92*	*79-123*				
4-Bromofluorobenzene	*88*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3S**					
Laboratory ID:	09-120-03					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3S**					
Laboratory ID:	09-120-03					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*95*	*79-123*				
4-Bromofluorobenzene	*90*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4S**					
Laboratory ID:	09-120-04					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4S**					
Laboratory ID:	09-120-04					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*94*	*79-123*				
4-Bromofluorobenzene	*90*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	09-120-05					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-5S**					
Laboratory ID:	09-120-05					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*68-133*				
Toluene-d8	*95*	*79-123*				
4-Bromofluorobenzene	*92*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6S**					
Laboratory ID:	09-120-06					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6S**					
Laboratory ID:	09-120-06					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*94*	*79-123*				
4-Bromofluorobenzene	*90*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11S**					
Laboratory ID:	09-120-07					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11S**					
Laboratory ID:	09-120-07					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*68-133*				
Toluene-d8	*94*	*79-123*				
4-Bromofluorobenzene	*90*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13S**					
Laboratory ID:	09-120-08					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13S**					
Laboratory ID:	09-120-08					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*94*	*79-123*				
4-Bromofluorobenzene	*91*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7D**					
Laboratory ID:	09-120-09					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-7D**					
Laboratory ID:	09-120-09					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*95*	*79-123*				
4-Bromofluorobenzene	*91*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	09-120-10					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	09-120-10					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*94*	*79-123*				
4-Bromofluorobenzene	*89*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9D**					
Laboratory ID:	09-120-11					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-9D**					
Laboratory ID:	09-120-11					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*93*	*79-123*				
4-Bromofluorobenzene	*89*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10D**					
Laboratory ID:	09-120-12					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-10D**					
Laboratory ID:	09-120-12					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*94*	*79-123*				
4-Bromofluorobenzene	*90*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blanks**					
Laboratory ID:	09-120-13					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blanks**					
Laboratory ID:	09-120-13					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*94*	*79-123*				
4-Bromofluorobenzene	*91*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0917W2					
Chloromethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Bromomethane	ND	1.4	EPA 8260D	9-17-25	9-17-25	
Chloroethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Acetone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Iodomethane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Carbon Disulfide	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methylene Chloride	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Acrylonitrile	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Vinyl Acetate	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Butanone	ND	5.0	EPA 8260D	9-17-25	9-17-25	
Bromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Chloroform	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Benzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Trichloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Dibromomethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromodichloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Methyl Isobutyl Ketone	ND	2.7	EPA 8260D	9-17-25	9-17-25	
Toluene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Tetrachloroethene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
2-Hexanone	ND	2.6	EPA 8260D	9-17-25	9-17-25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0917W2					
Dibromochloromethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	9-17-25	9-17-25	
Chlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-25	9-17-25	
o-Xylene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Styrene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
Bromoform	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-17-25	9-17-25	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-17-25	9-17-25	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Naphthalene	ND	1.0	EPA 8260D	9-17-25	9-17-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*92*	*79-123*				
4-Bromofluorobenzene	*89*	*78-117*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	09-120-03										
	MS	MSD	MS	MSD		MS	MSD				
Chloromethane	**8.54**	**8.15**	10.0	10.0	ND	85	82	49-136	5	27	
Vinyl Chloride	**9.16**	**8.82**	10.0	10.0	ND	92	88	69-126	4	16	
Bromomethane	**7.33**	**7.50**	10.0	10.0	ND	73	75	32-158	2	24	
Chloroethane	**11.0**	**10.7**	10.0	10.0	ND	110	107	62-125	3	14	
Trichlorofluoromethane	**10.5**	**10.4**	10.0	10.0	ND	105	104	80-128	1	16	
1,1-Dichloroethene	**9.79**	**9.53**	10.0	10.0	ND	98	95	73-125	3	15	
Acetone	**8.39**	**8.95**	10.0	10.0	ND	84	90	37-164	6	29	
Iodomethane	**9.06**	**9.54**	10.0	10.0	ND	91	95	35-141	5	25	
Carbon Disulfide	**8.58**	**9.66**	10.0	10.0	ND	86	97	55-127	12	17	
Methylene Chloride	**9.72**	**9.48**	10.0	10.0	ND	97	95	63-118	3	16	
(trans) 1,2-Dichloroethene	**9.50**	**9.43**	10.0	10.0	ND	95	94	70-127	1	16	
1,1-Dichloroethane	**9.72**	**9.47**	10.0	10.0	ND	97	95	71-126	3	15	
Vinyl Acetate	**9.31**	**10.3**	10.0	10.0	ND	93	103	60-140	10	17	
(cis) 1,2-Dichloroethene	**10.1**	**9.91**	10.0	10.0	ND	101	99	71-130	2	16	
2-Butanone	**9.05**	**9.14**	10.0	10.0	ND	91	91	56-143	1	19	
Bromochloromethane	**10.4**	**10.3**	10.0	10.0	ND	104	103	68-133	1	17	
Chloroform	**10.1**	**9.95**	10.0	10.0	ND	101	100	68-127	1	16	
1,1,1-Trichloroethane	**10.0**	**9.94**	10.0	10.0	ND	100	99	74-127	1	17	
Carbon Tetrachloride	**9.75**	**9.72**	10.0	10.0	ND	98	97	72-134	0	18	
Benzene	**10.0**	**9.88**	10.0	10.0	ND	100	99	69-129	1	16	
1,2-Dichloroethane	**9.72**	**9.59**	10.0	10.0	ND	97	96	71-134	1	17	
Trichloroethene	**10.6**	**10.6**	10.0	10.0	ND	106	106	74-134	0	12	
1,2-Dichloropropane	**9.01**	**9.00**	10.0	10.0	ND	90	90	74-130	0	17	
Dibromomethane	**10.6**	**10.2**	10.0	10.0	ND	106	102	74-140	4	16	
Bromodichloromethane	**10.4**	**10.2**	10.0	10.0	ND	104	102	77-137	2	17	
(cis) 1,3-Dichloropropene	**10.6**	**10.5**	10.0	10.0	ND	106	105	73-137	1	17	
Methyl Isobutyl Ketone	**7.49**	**8.45**	10.0	10.0	ND	75	85	61-146	12	19	
Toluene	**9.23**	**9.12**	10.0	10.0	ND	92	91	71-128	1	19	
(trans) 1,3-Dichloropropene	**10.3**	**10.2**	10.0	10.0	ND	103	102	70-136	1	18	
1,1,2-Trichloroethane	**9.51**	**9.41**	10.0	10.0	ND	95	94	68-146	1	16	
Tetrachloroethene	**10.5**	**10.4**	10.0	10.0	ND	105	104	78-132	1	22	
2-Hexanone	**7.74**	**8.89**	10.0	10.0	ND	77	89	57-154	14	25	

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	09-120-03										
	MS	MSD	MS	MSD		MS	MSD				
Dibromochloromethane	**9.16**	**8.88**	10.0	10.0	ND	92	89	51-160	3	27	
1,2-Dibromoethane	**9.80**	**9.47**	10.0	10.0	ND	98	95	74-133	3	16	
Chlorobenzene	**10.2**	**10.1**	10.0	10.0	ND	102	101	83-121	1	16	
1,1,1,2-Tetrachloroethane	**10.5**	**10.3**	10.0	10.0	ND	105	103	82-129	2	17	
Ethylbenzene	**9.75**	**9.71**	10.0	10.0	ND	98	97	84-123	0	17	
m,p-Xylene	**18.8**	**18.6**	20.0	20.0	ND	94	93	82-125	1	17	
o-Xylene	**9.53**	**9.44**	10.0	10.0	ND	95	94	83-123	1	17	
Styrene	**10.3**	**10.1**	10.0	10.0	ND	103	101	83-128	2	19	
Bromoform	**8.72**	**8.51**	10.0	10.0	ND	87	85	69-135	2	18	
1,1,2,2-Tetrachloroethane	**9.87**	**9.45**	10.0	10.0	ND	99	95	75-138	4	17	
1,2,3-Trichloropropane	**9.74**	**9.50**	10.0	10.0	ND	97	95	64-131	2	18	
1,4-Dichlorobenzene	**10.5**	**10.3**	10.0	10.0	ND	105	103	79-127	2	15	
1,2-Dichlorobenzene	**10.6**	**10.4**	10.0	10.0	ND	106	104	80-130	2	16	
1,2-Dibromo-3-chloropropane	**9.97**	**10.0**	10.0	10.0	ND	100	100	68-139	0	19	
Naphthalene	**9.53**	**10.6**	10.0	10.0	ND	95	106	67-142	11	23	
Surrogate:											
Dibromofluoromethane						*99*	*98*	*68-133*			
Toluene-d8						*95*	*95*	*79-123*			
4-Bromofluorobenzene						*92*	*92*	*78-117*			

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-120-01					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*62-122*				
Client ID:	**MW-2S**					
Laboratory ID:	09-120-02					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*62-122*				
Client ID:	**MW-3S**					
Laboratory ID:	09-120-03					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*62-122*				
Client ID:	**MW-4S**					
Laboratory ID:	09-120-04					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*99*	*62-122*				
Client ID:	**MW-5S**					
Laboratory ID:	09-120-05					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*62-122*				
Client ID:	**MW-6S**					
Laboratory ID:	09-120-06					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*62-122*				
Client ID:	**MW-11S**					
Laboratory ID:	09-120-07					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*141*	*62-122*				Q

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13S**					
Laboratory ID:	09-120-08					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*62-122*				
Client ID:	**Trip Blanks**					
Laboratory ID:	09-120-13					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*62-122*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0918W1					
Gasoline	**ND**	100	NWTPH-Gx	9-18-25	9-18-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*103*	*62-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-120-03										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*99*	*101*	*62-122*			

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	09-120-01					
Diesel Range Organics	**ND**	0.20	NWTPH-Dx	9-12-25	9-13-25	
Lube Oil Range Organics	**ND**	0.20	NWTPH-Dx	9-12-25	9-13-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				
Client ID:	**MW-2S**					
Laboratory ID:	09-120-02					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	9-12-25	9-13-25	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	9-12-25	9-13-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**MW-3S**					
Laboratory ID:	09-120-03					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	9-12-25	9-12-25	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	9-12-25	9-12-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**MW-4S**					
Laboratory ID:	09-120-04					
Diesel Range Organics	**ND**	0.25	NWTPH-Dx	9-12-25	9-13-25	
Lube Oil Range Organics	**ND**	0.25	NWTPH-Dx	9-12-25	9-13-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				
Client ID:	**MW-5S**					
Laboratory ID:	09-120-05					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	9-12-25	9-13-25	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	9-12-25	9-13-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*81*	*50-150*				
Client ID:	**MW-6S**					
Laboratory ID:	09-120-06					
Diesel Range Organics	**ND**	0.24	NWTPH-Dx	9-12-25	9-13-25	
Lube Oil Range Organics	**ND**	0.24	NWTPH-Dx	9-12-25	9-13-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*122*	*50-150*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-11S**					
Laboratory ID:	09-120-07					
Diesel Range Organics	**ND**	0.20	NWTPH-Dx	9-12-25	9-13-25	
Lube Oil Range Organics	**ND**	0.20	NWTPH-Dx	9-12-25	9-13-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				
Client ID:	**MW-13S**					
Laboratory ID:	09-120-08					
Diesel Range Organics	**ND**	0.24	NWTPH-Dx	9-12-25	9-13-25	
Lube Oil Range Organics	**ND**	0.24	NWTPH-Dx	9-12-25	9-13-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				

Date of Report: September 22, 2025
Samples Submitted: September 11, 2025
Laboratory Reference: 2509-120
Project: 553-8472-009

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0912W1					
Diesel Range Organics	**ND**	0.16	NWTPH-Dx	9-12-25	9-12-25	
Lube Oil Range Organics	**ND**	0.16	NWTPH-Dx	9-12-25	9-12-25	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*79*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-120-03										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	40	
Surrogate:											
o-Terphenyl						*105*	*96*	*50-150*			
MATRIX SPIKES											
Laboratory ID:	09-120-03										
	MS	MSD	MS	MSD		MS	MSD				
Diesel Range	**0.625**	**0.508**	0.500	0.500	**ND**	**125**	**102**	54-123	21	40	
Surrogate:											
o-Terphenyl						*106*	*101*	*50-150*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

ANATEK LABS

Analytical Results Report For:

OnSite Environmental, Inc.

Project:

Parametrix DTG Yakima

Anatek Work Order:

YFI0173

Anatek Moscow - 1282 Alturas Drive - Moscow, ID 83843 - 208-883-2839 - moscow@anateklabs.com - FL NELAP E87893
Anatek Spokane - 504 E Sprague Ste. D - Spokane, WA 99202 - 509-838-3999 - spokane@anateklabs.com - FL NELAP E871099
Anatek Yakima - 4802 Tieton Drive - Yakima, WA 98908 - 509-225-9404 - yakima@anateklabs.com - FL NELAP E871190
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Client:	OnSite Environmental, Inc.	Work Order:	YFI0173
Address:	14648 NE. 95th St.	Project:	Parametrix DTG Yakima
	Redmond, WA 98052	Reported:	9/11/2025 13:04
Attn:	David Baumeister		

Analytical Results Report

Sample Location:	MW-1S		
Lab/Sample Number:	YFI0173-01	Collect Date:	09/10/25 14:40
Date Received:	09/10/25 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	9/11/25 10:55	DRA	Hach 10206	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-3S		
Lab/Sample Number:	YFI0173-02	Collect Date:	09/10/25 10:15
Date Received:	09/10/25 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	11.6	mg/L	0.200	9/11/25 10:55	DRA	Hach 10206	

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-4S		
Lab/Sample Number:	YFI0173-03	Collect Date:	09/10/25 12:15
Date Received:	09/10/25 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	66.3	mg/L	2.00	9/11/25 11:28	DRA	Hach 10206	

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-6S		
Lab/Sample Number:	YFI0173-04	Collect Date:	09/10/25 13:30
Date Received:	09/10/25 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	12.8	mg/L	0.200	9/11/25 10:55	DRA	Hach 10206	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-11S		
Lab/Sample Number:	YFI0173-05	Collect Date:	09/10/25 11:30
Date Received:	09/10/25 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	0.551	mg/L	0.200	9/11/25 10:55	DRA	Hach 10206	

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-13S		
Lab/Sample Number:	YFI0173-06	Collect Date:	09/10/25 08:00
Date Received:	09/10/25 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	68.1	mg/L	2.00	9/11/25 11:28	DRA	Hach 10206	

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-9D		
Lab/Sample Number:	YFI0173-07	Collect Date:	09/10/25 09:00
Date Received:	09/10/25 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	9/11/25 10:55	DRA	Hach 10206	

Anatek Labs, Inc.

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504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

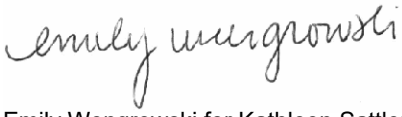
Sample Location:	MW-10D		
Lab/Sample Number:	YFI0173-08	Collect Date:	09/10/25 15:25
Date Received:	09/10/25 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	1.60	mg/L	0.200	9/11/25 10:55	DRA	Hach 10206	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Authorized Signature,



Emily Wengrowski for Kathleen Sattler, Lab Manager

PQL	Practical Quantitation Limit
ND	Not Detected
MCL	EPA's Maximum Contaminant Level
Dry	Sample results reported on a dry weight basis
*	Not a state-certified analyte

Anatek Labs, Inc.

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Quality Control Data

Inorganics

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BFI0545 - Y Hach Vial										
Blank (BFI0545-BLK1)					Prepared: 09/11/25 10:40- Analyzed: 09/11/25 10:55					
Nitrate as N	ND		0.200	mg/L						
LCS (BFI0545-BS1)					Prepared: 09/11/25 10:40- Analyzed: 09/11/25 10:55					
Nitrate as N	5.33		0.200	mg/L	5.00		107	90-110		
Matrix Spike (BFI0545-MS1)		**Source: YFI0173-02**			Prepared: 09/11/25 10:40- Analyzed: 09/11/25 10:55					
Nitrate as N	17.2		0.400	mg/L	5.00	11.6	113	80-120		
Matrix Spike Dup (BFI0545-MSD1)		**Source: YFI0173-02**			Prepared: 09/11/25 10:40- Analyzed: 09/11/25 10:55					
Nitrate as N	16.8		0.400	mg/L	5.00	11.6	105	80-120	2.35	20

ANATEK LABS

Chain of Custody Record

Anat
1282 Alturas Drive, M
504 E Sprague Ste D, S

YFI0173

Due: 09/25/25

Company Name: OnSite Environmental (Parametrix)	Project Manager: David Baumeister
Address: 14648 NE 95th Street	Project Name & #: Parametrix DTG Yakima
City: Redmond State: WA Zip: 98052	Purchase Order #:
Phone: 425-883-3881	Sampler Name & Phone:
Email Address(es): dbaumeister@onsite-env.com	

T
Plea
www.anateklabs.com/pricing-lists

X Normal
__Next Day*
__2nd Day*
__Other*_____

__Phone
__Email

*All rush order requests must have prior approval

Lab ID	Sample Identification	Sampling Date/Time	Matrix	# of Containers	Sample Volume	Nitrate
	MW-1S	9/10/25 1440	Water	1		X
	~~MW-2S~~		Water	1		X
	MW-3S	9/10/25 1015	Water	2		X
	MW-4S	9/10/25 1215	Water	1		X
	~~MW-5S~~		Water	1		X
	MW-6S	9/10/25 1330	Water	1		X
	MW-11S	9/10/25 1130	Water	1		X
	MW-13S	9/10/25 0800	Water	1		X
	~~MW-7D~~		Water	1		X
	~~MW-8D~~		Water	1		X
	MW-9D	9/10/25 0900	Water	1		X
	MW-10D	9/10/25 1525	Water	1		X

List Analyses Requested — Preservative:

Note Special Instructions/Comments

Extra MS/MSD volume @ MW-3S

Client Cont x 9

Inspection Checklist

Received Intact?	(Y)	N
Labels & Chains Agree?	(Y)	N
Containers Sealed?	Y	(N)
No VOC Head Space?	Y	N
Cooler?	(Y)	N
Ice/Ice Packs Present?	(Y)	N

Temperature (°C): 3.5-0/3.7-C Dig 14
Number of Containers: 9
Shipped Via: Hand
Preservative: —
Date & Time: 9/10/25 1619
Inspected By: AA

	Printed Name	Signature	Company	Date	Time
Relinquished by	Brianna L Hines		Parametrix	9/10/25	4:15 pm
Received by	Ashley Anderson				
Relinquished by					
Received by					
Relinquished by					
Received by					

Samples submitted to Anatek Labs may be subcontacted to other accredited labs if necessary. This message serves as notice of this possibility. Subcontracted analyses will be clearly noted on the analytical report.

ANATEK LABS

Analytical Results Report For:

OnSite Environmental, Inc.

Project:

Parametrix DTG Yakima

Anatek Work Order:

YFI0148

Anatek Moscow - 1282 Alturas Drive - Moscow, ID 83843 - 208-883-2839 - moscow@anateklabs.com - FL NELAP E87893
Anatek Spokane - 504 E Sprague Ste. D - Spokane, WA 99202 - 509-838-3999 - spokane@anateklabs.com - FL NELAP E871099
Anatek Yakima - 4802 Tieton Drive - Yakima, WA 98908 - 509-225-9404 - yakima@anateklabs.com - FL NELAP E871190
Anatek Wenatchee - 3019 Gs Center Rd - Wenatchee, WA 98801 - 509-701-8362

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Client:	OnSite Environmental, Inc.	Work Order:	YFI0148
Address:	14648 NE. 95th St.	Project:	Parametrix DTG Yakima
	Redmond, WA 98052	Reported:	9/10/2025 17:07
Attn:	David Baumeister		

Analytical Results Report

Sample Location:	MW-2S		
Lab/Sample Number:	YFI0148-01	Collect Date:	09/09/25 16:35
Date Received:	09/10/25 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	0.731	mg/L	0.200	9/10/25 14:38	DRA	Hach 10206	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-5S		
Lab/Sample Number:	YFI0148-02	Collect Date:	09/09/25 12:25
Date Received:	09/10/25 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	0.239	mg/L	0.200	9/10/25 14:38	DRA	Hach 10206	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-7D		
Lab/Sample Number:	YFI0148-03	Collect Date:	09/09/25 14:35
Date Received:	09/10/25 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	9/10/25 14:38	DRA	Hach 10206	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Sample Location:	MW-8D		
Lab/Sample Number:	YFI0148-04	Collect Date:	09/09/25 15:40
Date Received:	09/10/25 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	1.50	mg/L	0.200	9/10/25 14:38	DRA	Hach 10206	

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Authorized Signature,

Emily Wengrowski for Kathleen Sattler, Lab Manager

PQL	Practical Quantitation Limit
ND	Not Detected
MCL	EPA's Maximum Contaminant Level
Dry	Sample results reported on a dry weight basis
*	Not a state-certified analyte

Anatek Labs, Inc.

1282 Alturas Drive - Moscow, ID 83843 - (208) 883-2839 - email moscow@anateklabs.com
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

Quality Control Data

Inorganics

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BFI0481 - Y Hach Vial										
Blank (BFI0481-BLK1)					Prepared: 09/10/25 14:23- Analyzed: 09/10/25 14:38					
Nitrate as N	ND		0.200	mg/L						
LCS (BFI0481-BS1)					Prepared: 09/10/25 14:23- Analyzed: 09/10/25 14:38					
Nitrate as N	5.27		0.200	mg/L	5.00		105	90-110		
Matrix Spike (BFI0481-MS1)		**Source: YFI0148-04**			Prepared: 09/10/25 14:23- Analyzed: 09/10/25 14:38					
Nitrate as N	6.48		0.400	mg/L	5.00	1.50	99.6	80-120		
Matrix Spike Dup (BFI0481-MSD1)		**Source: YFI0148-04**			Prepared: 09/10/25 14:23- Analyzed: 09/10/25 14:38					
Nitrate as N	6.60		0.400	mg/L	5.00	1.50	102	80-120	1.83	20

ANATEK LABS

Chain of Custody Record

1282 Alturas Dr
504 E Sprague Ste

YFI0148

9

Due: 09/24/25

Company Name: OnSite Environmental (Parametrix)	Project Manager: David Baumeister
Address: 14648 NE 95th Street	Project Name & #: Parametrix DTG Yakima
City: Redmond State: WA Zip: 98052	Purchase Order #:
Phone: 425-883-3881	Sampler Name & Phone:
Email Address(es): dbaumeister@onsite-env.com	

X Normal
__Next Day*
__2nd Day*
__Other*_____

__Phone
__Email

*All rush order requests must have prior approval

List Analyses Requested

Lab ID	Sample Identification	Sampling Date/Time	Matrix	Preservative: # of Containers	Sample Volume	Nitrate
	MW-1S		Water	1		X
	MW-2S	9/9/25 1635	Water	1		X
	MW-3S		Water	2		X
	MW-4S		Water	1		X
	MW-5S	9/9/25 1225	Water	1		X
	MW-6S		Water	1		X
	MW-11S		Water	1		X
	MW-13S		Water	1		X
	MW-7D	9/9/25 1435	Water	1		X
	MW-8D	9/9/25 1540	Water	1		X
	MW-9D		Water	1		X
	MW-10D		Water	1		X

Note Special Instructions/Comments

Extra MS/MSD volume @ MW-3S → did not receive MW-3S sample

Client Container x4 9/10 @@

Inspection Checklist

Received Intact?	(Y)	N
Labels & Chains Agree?	(Y)	N
Containers Sealed?	Y	(N)
No VOC Head Space?	Y	N
Cooler?	(Y)	N
Ice/Ice Packs Present?	(Y)	N

Temperature (°C): 1.0-0/1.2-C Dig 16, 4

Number of Containers:

Shipped Via: hand

Preservative:

Date & Time: 9/10/25 800

Inspected By: @@

	Printed Name	Signature	Company	Date	Time
Relinquished by	Brittnes	Brittnes	Parametrix	9/10/25	0800
Received by	Ashley Anderson	A Anderson	Anatek	9/10/25	0800
Relinquished by					
Received by					
Relinquished by					
Received by					

Samples submitted to Anatek Labs may be subcontacted to other accredited labs if necessary. This message serves as notice of this possibility. Subcontracted analyses will be clearly noted on the analytical report.

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Parametrix
Project Number: 553-8472-009
Project Name: Rocky Top Environmental LPL
Project Manager: Laura Lee, Mike Brady
Sampled by:

Turnaround Request (in working days)

(Check One)

- ☐ Same Day ☐ 1 Day
- ☐ 2 Days ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 09-120

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	VOCs (8260D – WAC 173-351 Appendix I) Naphthalene; SIM-VC and 1,2-EDB	NWTPH-Gx	NWTPH-Dx	Nitrate	% Moisture
1	MW-1S	9/10/25	1440	Water	7	X	X	X	X	
2	MW-2S	9/9/25	1635	Water	5	X	X	X	X	
3	MW-3S	9/10/25	1015	Water	14	X	X	X	X	
4	MW-4S	9/10/25	1215	Water	7	X	X	X	X	
5	MW-5S	9/9/25	1225	Water	7	X	X	X	X	
6	MW-6S	9/10/25	1330	Water	7	X	X	X	X	
7	MW-11S	9/10/25	1130	Water	7	X	x	x	X	
8	MW-13S	9/10/25	0850	Water	7	X	x	x	X	
9	MW-7D	9/9/25	1435	Water	3	X			X	
10	MW-8D	9/9/25	1540	Water	3	X			X	

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	9/11/25	11:05
Received	[signature]	OSE	9/11/25	1105
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Additional MS/MSD volumes taken @ MW-3S

Nitrates delivered directly to Anatek, Yakima

Chromatograms with final report ☐

Chain of Custody

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Parametrix / DTG
Project Number: 553-8472-009
Project Name: Rocky Top Environmental LPL
Project Manager: Laura Lee, Mike Brady
Sampled by:

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ■ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 09-120

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	VOCs (8260D – WAC 173-351 Appendix I) Naphthalene; SIM-VC and 1,2-EDB	NWTPH-Gx	NWTPH-Dx	Nitrate	% Moisture
11	MW-9D	9/10/25	0900	Water	3	X			X	
12	MW-10D	9/10/25	1525	Water	3	X			X	
13	Trip Blanks	—	—	Water		X	X			

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	9/11/25	11:05
Received	[signature]	OSE	9/11/25	1105
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Nitrates delivered directly to Anatek, Yakima

Chromatograms with final report ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 1, 2025

Laura Lee
Parametrix, Inc.
719 2nd Avenue, Suite 200
Seattle, WA 98104

Re: Analytical Data for Project 553-8472-010
Laboratory Reference No. 2509-121

Dear Laura:

Enclosed are the analytical results and associated quality control data for samples submitted on September 11, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

September 30, 2025 Service Request No:K2509142

David Baumeister
Onsite Environmental Incorporated
14648 Northeast 95th Street
Redmond, WA 98052

Laboratory Results for: PFAS

Dear David,

Enclosed are the results of the sample(s) submitted to our laboratory September 16, 2025
For your reference, these analyses have been assigned our service request number **K2509142.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

ADDRESS 1317 S. 13th Avenue, Kelso, WA 98626
PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Onsite Environmental Incorporated
Project: PFAS
Sample Matrix: Water

Service Request: K2509142
Date Received: 09/16/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Eight water samples were received for analysis at ALS Environmental on 09/16/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

General Chemistry:

No significant anomalies were noted with this analysis.

Organic LC:

No significant anomalies were noted with this analysis.

Approved by _____ Date 09/30/2025

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: MW-3S	Lab ID: K2509142-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutane sulfonic acid (PFBS)	11		0.84	1.8	ng/L	Draft EPA Method 1633
Perfluorobutanoic acid (PFBA)	87		1.3	2.0	ng/L	Draft EPA Method 1633
Perfluoroheptanoic acid (PFHpA)	27		0.50	1.8	ng/L	Draft EPA Method 1633
Perfluorohexane sulfonic acid (PFHxS)	6.5		0.53	1.8	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	54		0.50	1.8	ng/L	Draft EPA Method 1633
Perfluorononanoic acid (PFNA)	1.1	J	0.50	1.8	ng/L	Draft EPA Method 1633
Perfluorooctane sulfonic acid (PFOS)	3.8		0.50	1.8	ng/L	Draft EPA Method 1633
Perfluorooctanoic acid (PFOA)	35		0.50	1.8	ng/L	Draft EPA Method 1633
Perfluoropentane sulfonic acid (PFPeS)	2.8		0.50	1.8	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	79		0.50	1.8	ng/L	Draft EPA Method 1633

CLIENT ID: MW-4S	Lab ID: K2509142-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutane sulfonic acid (PFBS)	5.6		0.87	2.1	ng/L	Draft EPA Method 1633
Perfluorobutanoic acid (PFBA)	39		1.4	2.1	ng/L	Draft EPA Method 1633
Perfluoroheptanoic acid (PFHpA)	14		0.53	2.1	ng/L	Draft EPA Method 1633
Perfluorohexane sulfonic acid (PFHxS)	0.84	J	0.56	2.1	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	29		0.53	2.1	ng/L	Draft EPA Method 1633
Perfluorooctanoic acid (PFOA)	6.3		0.53	2.1	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	42		0.53	2.1	ng/L	Draft EPA Method 1633

CLIENT ID: MW-6S	Lab ID: K2509142-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutane sulfonic acid (PFBS)	7.2		0.84	1.8	ng/L	Draft EPA Method 1633
Perfluorobutanoic acid (PFBA)	14		1.3	2.0	ng/L	Draft EPA Method 1633
Perfluoroheptanoic acid (PFHpA)	1.3	J	0.50	1.8	ng/L	Draft EPA Method 1633
Perfluorohexane sulfonic acid (PFHxS)	0.81	J	0.53	1.8	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	11		0.50	1.8	ng/L	Draft EPA Method 1633
Perfluoropentane sulfonic acid (PFPeS)	1.2	J	0.50	1.8	ng/L	Draft EPA Method 1633

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: MW-6S	Lab ID: K2509142-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluoropentanoic acid (PFPeA)	15		0.50	1.8	ng/L	Draft EPA Method 1633

CLIENT ID: MW-13S	Lab ID: K2509142-008					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutane sulfonic acid (PFBS)	5.4		0.84	1.8	ng/L	Draft EPA Method 1633
Perfluorobutanoic acid (PFBA)	39		1.3	2.0	ng/L	Draft EPA Method 1633
Perfluoroheptanoic acid (PFHpA)	14		0.50	1.8	ng/L	Draft EPA Method 1633
Perfluorohexane sulfonic acid (PFHxS)	0.71	J	0.53	1.8	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	28		0.50	1.8	ng/L	Draft EPA Method 1633
Perfluorooctanoic acid (PFOA)	5.9		0.50	1.8	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	41		0.50	1.8	ng/L	Draft EPA Method 1633

CLIENT ID: MW-5S	Lab ID: K2509142-005					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutanoic acid (PFBA)	4.9		1.3	2.0	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	1.7	J	0.50	2.0	ng/L	Draft EPA Method 1633
Perfluorooctane sulfonamide (PFOSAm)	0.87	J	0.50	2.0	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	3.0		0.50	2.0	ng/L	Draft EPA Method 1633

CLIENT ID: MW-1S	Lab ID: K2509142-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorohexanoic acid (PFHxA)	0.65	J	0.50	1.8	ng/L	Draft EPA Method 1633
Perfluorooctane sulfonamide (PFOSAm)	0.85	J	0.50	1.8	ng/L	Draft EPA Method 1633
Perfluorooctanoic acid (PFOA)	0.68	J	0.50	1.8	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	0.79	J	0.50	1.8	ng/L	Draft EPA Method 1633

CLIENT ID: MW-2S	Lab ID: K2509142-002					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorooctane sulfonamide (PFOSAm)	0.83	J	0.50	1.9	ng/L	Draft EPA Method 1633

CLIENT ID: MW-11S	Lab ID: K2509142-007					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorooctane sulfonamide (PFOSAm)	0.54	J	0.50	1.9	ng/L	Draft EPA Method 1633

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: MW-11S	Lab ID: K2509142-007

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Onsite Environmental Incorporated **Service Request:**K2509142
Project: PFAS/553-8572-010

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2509142-001	MW-1S	9/10/2025	1440
K2509142-002	MW-2S	9/9/2025	1635
K2509142-003	MW-3S	9/10/2025	1015
K2509142-004	MW-4S	9/10/2025	1215
K2509142-005	MW-5S	9/9/2025	1225
K2509142-006	MW-6S	9/10/2025	1330
K2509142-007	MW-11S	9/10/2025	1130
K2509142-008	MW-13S	9/10/2025	0800

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

K2509142 5

Onsite Environmental Incorporated
PFAS

Laboratory Reference #: 09-121

Laboratory: ALS Environmental

Turnaround Request

Project Manager: David Baumeister

Attention: Mark Harris

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

1317 South 13th Avenue, Kelso, WA 98626

Standard

Project Number: 553-8572-010

Phone Number: (360) 577-7222

Other:

Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	MW-1S	9/10/25	14:40	W	1	PFAS EPA 1633
	MW-2S	9/9/25	16:35	W	1	PFAS EPA 1633
	MW-3S	9/10/25	10:15	W	2	PFAS EPA 1633 - MS/MSD
	MW-4S	9/10/25	12:15	W	1	PFAS EPA 1633
	MW-5S	9/9/25	12:25	W	1	PFAS EPA 1633
	MW-6S	9/10/25	13:30	W	1	PFAS EPA 1633
	MW-11S	9/10/25	11:30	W	1	PFAS EPA 1633
	MW-13S	9/10/25	8:00	W	1	PFAS EPA 1633

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	UPS	9/15/25	1600	
Received by:				
Relinquished by:	UPS			
Received by:	ALS	9/16/25	0910	
Relinquished by:				
Received by:				

EIM

PLEASE RETURN BLUE ICE

Cooler Receipt and Preservation Form

PM: MH

Client: OnSite Service Request K25 09142

Received: 9/16/25 Opened: 9/16/25 By: KM Unloaded: 9/16/25 By: KM

1. Samples were received via? USPS Fed Ex (UPS) DHL PDX Courier Hand Delivered
2. Samples were received in: (circle) (Cooler) Box Envelope Other_____ NA
3. Were custody seals on coolers? NA Y (N) If yes, how many and where? _____
   If present, were custody seals intact? Y N If present, were they signed and dated? Y N

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID (NA)	Out of temp indicate with "X"	PM Notified If out of temp	Tracking Number NA	Filed
——	5.9	IR02				1Z684E1W0191412 1027	

4. Was a Temperature Blank present in cooler? NA Y (N) If yes, notate the temperature in the appropriate column below:
   If no, take the temperature of a representative sample bottle contained within the cooler; notate in the column "Sample Temp":
5. Were samples received within the method specified temperature ranges? NA (Y) N
   If no, were they received on ice and same day as collected? If not, notate the cooler # below and notify the PM. (NA) Y N
   If applicable, tissue samples were received: Frozen Partially Thawed Thawed
6. Packing material: Inserts (Baggies) (Bubble Wrap) (Gel Packs) Wet Ice Dry Ice Sleeves _____
7. Were custody papers properly filled out (ink, signed, etc.)? NA (Y) N
8. Were samples received in good condition (unbroken) NA (Y) N
9. Were all sample labels complete (ie, analysis, preservation, etc.)? NA (Y) N
10. Did all sample labels and tags agree with custody papers? NA (Y) N
11. Were appropriate bottles/containers and volumes received for the tests indicated? NA (Y) N
12. Were the pH-preserved bottles (*see SMO GEN SOP*) received at the appropriate pH? *Indicate in the table below* (NA) Y N
13. Were VOA vials received without headspace? *Indicate in the table below.* (NA) Y N
14. Was Cl2/Res negative? (NA) Y N
15. Were samples received within method specified time limit? If not, notate the error below and notify the PM. (NA) Y N
16. Were 100mL sterile microbiology bottles filled exactly to the 100mL mark? (NA) Y N Underfilled Overfilled

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions:_____

Q:\ENVIRONMENTAL\1 SOP & Policy Statements\SMO\CRF Update 2025-05-06.docx Updated: NP 05/07/25

Miscellaneous Forms

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value over the calibration range.
J	The result is an estimated value between the MDL and the MRL.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Onsite Environmental Incorporated **Service Request:** K2509142
Project: PFAS/553-8572-010

Sample Name: MW-1S **Date Collected:** 09/10/25
Lab Code: K2509142-001 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	LILLIANSMITH
1633	ADAVISON	PESCORRIDO

Sample Name: MW-2S **Date Collected:** 09/9/25
Lab Code: K2509142-002 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PSALYARDS
1633	ADAVISON	PESCORRIDO

Sample Name: MW-3S **Date Collected:** 09/10/25
Lab Code: K2509142-003 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PSALYARDS
1633	ADAVISON	PESCORRIDO

Sample Name: MW-4S **Date Collected:** 09/10/25
Lab Code: K2509142-004 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PESCORRIDO
1633	ADAVISON	PSALYARDS

Client: Onsite Environmental Incorporated **Service Request:** K2509142
Project: PFAS/553-8572-010

Sample Name: MW-5S **Date Collected:** 09/9/25
Lab Code: K2509142-005 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PSALYARDS
1633	ADAVISON	PESCORRIDO

Sample Name: MW-6S **Date Collected:** 09/10/25
Lab Code: K2509142-006 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PESCORRIDO
1633	ADAVISON	PSALYARDS

Sample Name: MW-11S **Date Collected:** 09/10/25
Lab Code: K2509142-007 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PESCORRIDO
1633	ADAVISON	PSALYARDS

Sample Name: MW-13S **Date Collected:** 09/10/25
Lab Code: K2509142-008 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PSALYARDS
1633	ADAVISON	PESCORRIDO

Sample Results

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Organic Compounds by HPLC/MS/MS

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 14:40
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-1S	**Units:**	ng/L
Lab Code:	K2509142-001	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)								
Perfluorobutane sulfonic acid (PFBS)	ND U	1.8	0.89	0.84	1	09/26/25 10:35	9/23/25	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.8	0.94	0.50	1	09/26/25 10:35	9/23/25	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.8	0.91	0.53	1	09/26/25 10:35	9/23/25	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.50	1	09/26/25 10:35	9/23/25	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	0.93	0.50	1	09/26/25 10:35	9/23/25	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.50	1	09/26/25 10:35	9/23/25	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.50	1	09/26/25 10:35	9/23/25	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	09/26/25 10:35	9/23/25	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	ND U	2.0	2.0	1.3	1	09/26/25 10:35	9/23/25	
Perfluoropentanoic acid (PFPeA)	**0.79 J**	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Perfluorohexanoic acid (PFHxA)	**0.65 J**	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Perfluoroheptanoic acid (PFHpA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Perfluorooctanoic acid (PFOA)	**0.68 J**	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Perfluorononanoic acid (PFNA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.75	1	09/26/25 10:35	9/23/25	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Perfluorododecanoic acid (PFDOA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.70	1	09/26/25 10:35	9/23/25	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	**0.85 J**	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.53	1	09/26/25 10:35	9/23/25	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.54	1	09/26/25 10:35	9/23/25	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.61	1	09/26/25 10:35	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 14:40
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-1S	**Units:**	ng/L
Lab Code:	K2509142-001	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)								
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.8	0.94	0.50	1	09/26/25 10:35	9/23/25	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	1.4	0.50	1	09/26/25 10:35	9/23/25	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.50	1	09/26/25 10:35	9/23/25	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	18	10	4.2	1	09/26/25 10:35	9/23/25	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	8.2	1	09/26/25 10:35	9/23/25	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	09/26/25 10:35	9/23/25	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.89	0.50	1	09/26/25 10:35	9/23/25	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.50	1	09/26/25 10:35	9/23/25	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	09/26/25 10:35	9/23/25	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.50	1	09/26/25 10:35	9/23/25	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.50	1	09/26/25 10:35	9/23/25	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 14:40
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-1S	**Units:**	ng/L
Lab Code:	K2509142-001	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	81	40 - 135	09/26/25 10:35	
13C3-PFHxS	77	40 - 130	09/26/25 10:35	
13C8-PFOS	72	40 - 130	09/26/25 10:35	
13C4-PFBA	78	5 - 130	09/26/25 10:35	
13C5-PFPeA	81	40 - 130	09/26/25 10:35	
13C5-PFHxA	80	40 - 130	09/26/25 10:35	
13C4-PFHpA	77	40 - 130	09/26/25 10:35	
13C8-PFOA	80	40 - 130	09/26/25 10:35	
13C9-PFNA	78	40 - 130	09/26/25 10:35	
13C6-PFDA	71	40 - 130	09/26/25 10:35	
13C7-PFUnDA	60	30 - 130	09/26/25 10:35	
13C2-PFDoDA	47	10 - 130	09/26/25 10:35	
13C2-PFTeDA	36	10 - 130	09/26/25 10:35	
13C8-FOSA	71	40 - 130	09/26/25 10:35	
D3-MeFOSA	64	10 - 130	09/26/25 10:35	
D5-EtFOSA	61	10 - 130	09/26/25 10:35	
D7-MeFOSE	57	10 - 130	09/26/25 10:35	
D9-EtFOSE	63	10 - 130	09/26/25 10:35	
D3-MeFOSAA	73	40 - 170	09/26/25 10:35	
D5-EtFOSAA	69	25 - 135	09/26/25 10:35	
13C2-4:2 FTS	99	40 - 200	09/26/25 10:35	
13C2-6:2 FTS	85	40 - 200	09/26/25 10:35	
13C2-8:2 FTS	80	40 - 300	09/26/25 10:35	
13C3-HFPO-DA	85	40 - 130	09/26/25 10:35	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/09/25 16:35
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-2S	**Units:**	ng/L
Lab Code:	K2509142-002	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)								
Perfluorobutane sulfonic acid (PFBS)	ND U	1.9	0.89	0.84	1	09/26/25 03:21	9/23/25	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.9	0.94	0.50	1	09/26/25 03:21	9/23/25	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.9	0.91	0.53	1	09/26/25 03:21	9/23/25	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.9	0.95	0.50	1	09/26/25 03:21	9/23/25	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.9	0.93	0.50	1	09/26/25 03:21	9/23/25	
Perfluorononane sulfonic acid (PFNS)	ND U	1.9	0.96	0.50	1	09/26/25 03:21	9/23/25	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.9	0.97	0.50	1	09/26/25 03:21	9/23/25	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.9	0.97	0.50	1	09/26/25 03:21	9/23/25	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	ND U	2.0	2.0	1.3	1	09/26/25 03:21	9/23/25	
Perfluoropentanoic acid (PFPeA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Perfluorohexanoic acid (PFHxA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Perfluoroheptanoic acid (PFHpA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Perfluorooctanoic acid (PFOA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Perfluorononanoic acid (PFNA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Perfluorodecanoic acid (PFDA)	ND U	1.9	1.0	0.75	1	09/26/25 03:21	9/23/25	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Perfluorododecanoic acid (PFDOA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.9	1.0	0.70	1	09/26/25 03:21	9/23/25	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	**0.83 J**	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.9	1.0	0.53	1	09/26/25 03:21	9/23/25	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.9	1.0	0.54	1	09/26/25 03:21	9/23/25	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.9	1.0	0.61	1	09/26/25 03:21	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/09/25 16:35
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-2S	**Units:**	ng/L
Lab Code:	K2509142-002	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)								
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.9	0.94	0.50	1	09/26/25 03:21	9/23/25	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.9	1.4	0.50	1	09/26/25 03:21	9/23/25	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.9	0.96	0.50	1	09/26/25 03:21	9/23/25	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	19	10	4.2	1	09/26/25 03:21	9/23/25	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	19	10	8.2	1	09/26/25 03:21	9/23/25	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	19	10	7.0	1	09/26/25 03:21	9/23/25	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.9	0.89	0.50	1	09/26/25 03:21	9/23/25	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.9	0.93	0.50	1	09/26/25 03:21	9/23/25	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.9	0.94	0.50	1	09/26/25 03:21	9/23/25	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.9	1.0	0.50	1	09/26/25 03:21	9/23/25	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.9	0.95	0.50	1	09/26/25 03:21	9/23/25	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/09/25 16:35
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-2S	**Units:**	ng/L
Lab Code:	K2509142-002	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	81	40 - 135	09/26/25 03:21	
13C3-PFHxS	74	40 - 130	09/26/25 03:21	
13C8-PFOS	71	40 - 130	09/26/25 03:21	
13C4-PFBA	79	5 - 130	09/26/25 03:21	
13C5-PFPeA	81	40 - 130	09/26/25 03:21	
13C5-PFHxA	78	40 - 130	09/26/25 03:21	
13C4-PFHpA	76	40 - 130	09/26/25 03:21	
13C8-PFOA	76	40 - 130	09/26/25 03:21	
13C9-PFNA	74	40 - 130	09/26/25 03:21	
13C6-PFDA	71	40 - 130	09/26/25 03:21	
13C7-PFUnDA	67	30 - 130	09/26/25 03:21	
13C2-PFDoDA	59	10 - 130	09/26/25 03:21	
13C2-PFTeDA	55	10 - 130	09/26/25 03:21	
13C8-FOSA	68	40 - 130	09/26/25 03:21	
D3-MeFOSA	64	10 - 130	09/26/25 03:21	
D5-EtFOSA	64	10 - 130	09/26/25 03:21	
D7-MeFOSE	68	10 - 130	09/26/25 03:21	
D9-EtFOSE	68	10 - 130	09/26/25 03:21	
D3-MeFOSAA	69	40 - 170	09/26/25 03:21	
D5-EtFOSAA	67	25 - 135	09/26/25 03:21	
13C2-4:2 FTS	84	40 - 200	09/26/25 03:21	
13C2-6:2 FTS	83	40 - 200	09/26/25 03:21	
13C2-8:2 FTS	78	40 - 300	09/26/25 03:21	
13C3-HFPO-DA	83	40 - 130	09/26/25 03:21	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 10:15
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2509142-003	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)								
Perfluorobutane sulfonic acid (PFBS)	**11**	1.8	0.89	0.84	1	09/26/25 03:38	9/23/25	
Perfluoropentane sulfonic acid (PFPeS)	**2.8**	1.8	0.94	0.50	1	09/26/25 03:38	9/23/25	
Perfluorohexane sulfonic acid (PFHxS)	**6.5**	1.8	0.91	0.53	1	09/26/25 03:38	9/23/25	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.50	1	09/26/25 03:38	9/23/25	
Perfluorooctane sulfonic acid (PFOS)	**3.8**	1.8	0.93	0.50	1	09/26/25 03:38	9/23/25	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.50	1	09/26/25 03:38	9/23/25	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.50	1	09/26/25 03:38	9/23/25	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	09/26/25 03:38	9/23/25	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**87**	2.0	2.0	1.3	1	09/26/25 03:38	9/23/25	
Perfluoropentanoic acid (PFPeA)	**79**	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Perfluorohexanoic acid (PFHxA)	**54**	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Perfluoroheptanoic acid (PFHpA)	**27**	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Perfluorooctanoic acid (PFOA)	**35**	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Perfluorononanoic acid (PFNA)	**1.1 J**	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.75	1	09/26/25 03:38	9/23/25	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Perfluorododecanoic acid (PFDOA)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.70	1	09/26/25 03:38	9/23/25	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.53	1	09/26/25 03:38	9/23/25	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.54	1	09/26/25 03:38	9/23/25	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.61	1	09/26/25 03:38	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 10:15
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2509142-003	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)								
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.8	0.94	0.50	1	09/26/25 03:38	9/23/25	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	1.4	0.50	1	09/26/25 03:38	9/23/25	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.50	1	09/26/25 03:38	9/23/25	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	18	10	4.2	1	09/26/25 03:38	9/23/25	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	8.2	1	09/26/25 03:38	9/23/25	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	09/26/25 03:38	9/23/25	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.89	0.50	1	09/26/25 03:38	9/23/25	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.50	1	09/26/25 03:38	9/23/25	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	09/26/25 03:38	9/23/25	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.50	1	09/26/25 03:38	9/23/25	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.50	1	09/26/25 03:38	9/23/25	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 10:15
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2509142-003	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	77	40 - 135	09/26/25 03:38	
13C3-PFHxS	71	40 - 130	09/26/25 03:38	
13C8-PFOS	68	40 - 130	09/26/25 03:38	
13C4-PFBA	73	5 - 130	09/26/25 03:38	
13C5-PFPeA	72	40 - 130	09/26/25 03:38	
13C5-PFHxA	73	40 - 130	09/26/25 03:38	
13C4-PFHpA	71	40 - 130	09/26/25 03:38	
13C8-PFOA	71	40 - 130	09/26/25 03:38	
13C9-PFNA	71	40 - 130	09/26/25 03:38	
13C6-PFDA	69	40 - 130	09/26/25 03:38	
13C7-PFUnDA	65	30 - 130	09/26/25 03:38	
13C2-PFDoDA	56	10 - 130	09/26/25 03:38	
13C2-PFTeDA	55	10 - 130	09/26/25 03:38	
13C8-FOSA	65	40 - 130	09/26/25 03:38	
D3-MeFOSA	60	10 - 130	09/26/25 03:38	
D5-EtFOSA	61	10 - 130	09/26/25 03:38	
D7-MeFOSE	65	10 - 130	09/26/25 03:38	
D9-EtFOSE	65	10 - 130	09/26/25 03:38	
D3-MeFOSAA	65	40 - 170	09/26/25 03:38	
D5-EtFOSAA	64	25 - 135	09/26/25 03:38	
13C2-4:2 FTS	75	40 - 200	09/26/25 03:38	
13C2-6:2 FTS	79	40 - 200	09/26/25 03:38	
13C2-8:2 FTS	81	40 - 300	09/26/25 03:38	
13C3-HFPO-DA	81	40 - 130	09/26/25 03:38	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 12:15
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2509142-004	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)								
Perfluorobutane sulfonic acid (PFBS)	**5.6**	2.1	0.93	0.87	1	09/26/25 04:10	9/23/25	
Perfluoropentane sulfonic acid (PFPeS)	ND U	2.1	0.98	0.53	1	09/26/25 04:10	9/23/25	
Perfluorohexane sulfonic acid (PFHxS)	**0.84 J**	2.1	0.95	0.56	1	09/26/25 04:10	9/23/25	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	2.1	0.99	0.53	1	09/26/25 04:10	9/23/25	
Perfluorooctane sulfonic acid (PFOS)	ND U	2.1	0.97	0.53	1	09/26/25 04:10	9/23/25	
Perfluorononane sulfonic acid (PFNS)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluorodecane sulfonic acid (PFDS)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluorododecane sulfonic acid (PFDoS)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**39**	2.1	2.1	1.4	1	09/26/25 04:10	9/23/25	
Perfluoropentanoic acid (PFPeA)	**42**	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluorohexanoic acid (PFHxA)	**29**	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluoroheptanoic acid (PFHpA)	**14**	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluorooctanoic acid (PFOA)	**6.3**	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluorononanoic acid (PFNA)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluorodecanoic acid (PFDA)	ND U	2.1	1.0	0.79	1	09/26/25 04:10	9/23/25	
Perfluoroundecanoic acid (PFUnDA)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluorododecanoic acid (PFDOA)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluorotridecanoic acid (PFTrDA)	ND U	2.1	1.0	0.74	1	09/26/25 04:10	9/23/25	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	2.1	1.0	0.56	1	09/26/25 04:10	9/23/25	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	2.1	1.0	0.57	1	09/26/25 04:10	9/23/25	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	2.1	1.0	0.64	1	09/26/25 04:10	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 12:15
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2509142-004	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)								
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	2.1	0.98	0.53	1	09/26/25 04:10	9/23/25	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	2.1	1.5	0.53	1	09/26/25 04:10	9/23/25	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	21	10	4.4	1	09/26/25 04:10	9/23/25	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	21	10	8.6	1	09/26/25 04:10	9/23/25	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	21	10	7.4	1	09/26/25 04:10	9/23/25	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	2.1	0.93	0.53	1	09/26/25 04:10	9/23/25	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	2.1	0.97	0.53	1	09/26/25 04:10	9/23/25	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	2.1	0.98	0.53	1	09/26/25 04:10	9/23/25	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	2.1	1.0	0.53	1	09/26/25 04:10	9/23/25	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	2.1	0.99	0.53	1	09/26/25 04:10	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 12:15
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2509142-004	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	84	40 - 135	09/26/25 04:10	
13C3-PFHxS	74	40 - 130	09/26/25 04:10	
13C8-PFOS	67	40 - 130	09/26/25 04:10	
13C4-PFBA	75	5 - 130	09/26/25 04:10	
13C5-PFPeA	75	40 - 130	09/26/25 04:10	
13C5-PFHxA	75	40 - 130	09/26/25 04:10	
13C4-PFHpA	72	40 - 130	09/26/25 04:10	
13C8-PFOA	74	40 - 130	09/26/25 04:10	
13C9-PFNA	72	40 - 130	09/26/25 04:10	
13C6-PFDA	68	40 - 130	09/26/25 04:10	
13C7-PFUnDA	63	30 - 130	09/26/25 04:10	
13C2-PFDoDA	56	10 - 130	09/26/25 04:10	
13C2-PFTeDA	52	10 - 130	09/26/25 04:10	
13C8-FOSA	64	40 - 130	09/26/25 04:10	
D3-MeFOSA	60	10 - 130	09/26/25 04:10	
D5-EtFOSA	60	10 - 130	09/26/25 04:10	
D7-MeFOSE	62	10 - 130	09/26/25 04:10	
D9-EtFOSE	62	10 - 130	09/26/25 04:10	
D3-MeFOSAA	66	40 - 170	09/26/25 04:10	
D5-EtFOSAA	61	25 - 135	09/26/25 04:10	
13C2-4:2 FTS	83	40 - 200	09/26/25 04:10	
13C2-6:2 FTS	84	40 - 200	09/26/25 04:10	
13C2-8:2 FTS	81	40 - 300	09/26/25 04:10	
13C3-HFPO-DA	83	40 - 130	09/26/25 04:10	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/09/25 12:25
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-5S	**Units:**	ng/L
Lab Code:	K2509142-005	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)								
Perfluorobutane sulfonic acid (PFBS)	ND U	2.0	0.89	0.84	1	09/26/25 04:26	9/23/25	
Perfluoropentane sulfonic acid (PFPeS)	ND U	2.0	0.94	0.50	1	09/26/25 04:26	9/23/25	
Perfluorohexane sulfonic acid (PFHxS)	ND U	2.0	0.91	0.53	1	09/26/25 04:26	9/23/25	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	2.0	0.95	0.50	1	09/26/25 04:26	9/23/25	
Perfluorooctane sulfonic acid (PFOS)	ND U	2.0	0.93	0.50	1	09/26/25 04:26	9/23/25	
Perfluorononane sulfonic acid (PFNS)	ND U	2.0	0.96	0.50	1	09/26/25 04:26	9/23/25	
Perfluorodecane sulfonic acid (PFDS)	ND U	2.0	0.97	0.50	1	09/26/25 04:26	9/23/25	
Perfluorododecane sulfonic acid (PFDoS)	ND U	2.0	0.97	0.50	1	09/26/25 04:26	9/23/25	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**4.9**	2.0	2.0	1.3	1	09/26/25 04:26	9/23/25	
Perfluoropentanoic acid (PFPeA)	**3.0**	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Perfluorohexanoic acid (PFHxA)	**1.7 J**	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Perfluoroheptanoic acid (PFHpA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Perfluorooctanoic acid (PFOA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Perfluorononanoic acid (PFNA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Perfluorodecanoic acid (PFDA)	ND U	2.0	1.0	0.75	1	09/26/25 04:26	9/23/25	
Perfluoroundecanoic acid (PFUnDA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Perfluorotridecanoic acid (PFTrDA)	ND U	2.0	1.0	0.70	1	09/26/25 04:26	9/23/25	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	**0.87 J**	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	2.0	1.0	0.53	1	09/26/25 04:26	9/23/25	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	2.0	1.0	0.54	1	09/26/25 04:26	9/23/25	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	2.0	1.0	0.61	1	09/26/25 04:26	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/09/25 12:25
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-5S	**Units:**	ng/L
Lab Code:	K2509142-005	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)								
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	2.0	0.94	0.50	1	09/26/25 04:26	9/23/25	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	2.0	1.4	0.50	1	09/26/25 04:26	9/23/25	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	2.0	0.96	0.50	1	09/26/25 04:26	9/23/25	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	10	4.2	1	09/26/25 04:26	9/23/25	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	20	10	8.2	1	09/26/25 04:26	9/23/25	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	20	10	7.0	1	09/26/25 04:26	9/23/25	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	2.0	0.89	0.50	1	09/26/25 04:26	9/23/25	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	2.0	0.93	0.50	1	09/26/25 04:26	9/23/25	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	2.0	0.94	0.50	1	09/26/25 04:26	9/23/25	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	2.0	1.0	0.50	1	09/26/25 04:26	9/23/25	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	2.0	0.95	0.50	1	09/26/25 04:26	9/23/25	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/09/25 12:25
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-5S	**Units:**	ng/L
Lab Code:	K2509142-005	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	83	40 - 135	09/26/25 04:26	
13C3-PFHxS	77	40 - 130	09/26/25 04:26	
13C8-PFOS	73	40 - 130	09/26/25 04:26	
13C4-PFBA	77	5 - 130	09/26/25 04:26	
13C5-PFPeA	81	40 - 130	09/26/25 04:26	
13C5-PFHxA	80	40 - 130	09/26/25 04:26	
13C4-PFHpA	76	40 - 130	09/26/25 04:26	
13C8-PFOA	77	40 - 130	09/26/25 04:26	
13C9-PFNA	74	40 - 130	09/26/25 04:26	
13C6-PFDA	72	40 - 130	09/26/25 04:26	
13C7-PFUnDA	65	30 - 130	09/26/25 04:26	
13C2-PFDoDA	56	10 - 130	09/26/25 04:26	
13C2-PFTeDA	52	10 - 130	09/26/25 04:26	
13C8-FOSA	67	40 - 130	09/26/25 04:26	
D3-MeFOSA	64	10 - 130	09/26/25 04:26	
D5-EtFOSA	62	10 - 130	09/26/25 04:26	
D7-MeFOSE	60	10 - 130	09/26/25 04:26	
D9-EtFOSE	61	10 - 130	09/26/25 04:26	
D3-MeFOSAA	66	40 - 170	09/26/25 04:26	
D5-EtFOSAA	64	25 - 135	09/26/25 04:26	
13C2-4:2 FTS	90	40 - 200	09/26/25 04:26	
13C2-6:2 FTS	93	40 - 200	09/26/25 04:26	
13C2-8:2 FTS	89	40 - 300	09/26/25 04:26	
13C3-HFPO-DA	86	40 - 130	09/26/25 04:26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 13:30
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-6S	**Units:**	ng/L
Lab Code:	K2509142-006	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)								
Perfluorobutane sulfonic acid (PFBS)	**7.2**	1.8	0.89	0.84	1	09/26/25 04:42	9/23/25	
Perfluoropentane sulfonic acid (PFPeS)	**1.2 J**	1.8	0.94	0.50	1	09/26/25 04:42	9/23/25	
Perfluorohexane sulfonic acid (PFHxS)	**0.81 J**	1.8	0.91	0.53	1	09/26/25 04:42	9/23/25	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.50	1	09/26/25 04:42	9/23/25	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	0.93	0.50	1	09/26/25 04:42	9/23/25	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.50	1	09/26/25 04:42	9/23/25	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.50	1	09/26/25 04:42	9/23/25	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	09/26/25 04:42	9/23/25	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**14**	2.0	2.0	1.3	1	09/26/25 04:42	9/23/25	
Perfluoropentanoic acid (PFPeA)	**15**	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Perfluorohexanoic acid (PFHxA)	**11**	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Perfluoroheptanoic acid (PFHpA)	**1.3 J**	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Perfluorooctanoic acid (PFOA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Perfluorononanoic acid (PFNA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.75	1	09/26/25 04:42	9/23/25	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Perfluorododecanoic acid (PFDOA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.70	1	09/26/25 04:42	9/23/25	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.53	1	09/26/25 04:42	9/23/25	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.54	1	09/26/25 04:42	9/23/25	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.61	1	09/26/25 04:42	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 13:30
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-6S	**Units:**	ng/L
Lab Code:	K2509142-006	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)								
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.8	0.94	0.50	1	09/26/25 04:42	9/23/25	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	1.4	0.50	1	09/26/25 04:42	9/23/25	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.50	1	09/26/25 04:42	9/23/25	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	18	10	4.2	1	09/26/25 04:42	9/23/25	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	8.2	1	09/26/25 04:42	9/23/25	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	09/26/25 04:42	9/23/25	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.89	0.50	1	09/26/25 04:42	9/23/25	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.50	1	09/26/25 04:42	9/23/25	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	09/26/25 04:42	9/23/25	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.50	1	09/26/25 04:42	9/23/25	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.50	1	09/26/25 04:42	9/23/25	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 13:30
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-6S	**Units:**	ng/L
Lab Code:	K2509142-006	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	83	40 - 135	09/26/25 04:42	
13C3-PFHxS	78	40 - 130	09/26/25 04:42	
13C8-PFOS	74	40 - 130	09/26/25 04:42	
13C4-PFBA	77	5 - 130	09/26/25 04:42	
13C5-PFPeA	80	40 - 130	09/26/25 04:42	
13C5-PFHxA	79	40 - 130	09/26/25 04:42	
13C4-PFHpA	76	40 - 130	09/26/25 04:42	
13C8-PFOA	77	40 - 130	09/26/25 04:42	
13C9-PFNA	76	40 - 130	09/26/25 04:42	
13C6-PFDA	74	40 - 130	09/26/25 04:42	
13C7-PFUnDA	67	30 - 130	09/26/25 04:42	
13C2-PFDoDA	60	10 - 130	09/26/25 04:42	
13C2-PFTeDA	58	10 - 130	09/26/25 04:42	
13C8-FOSA	71	40 - 130	09/26/25 04:42	
D3-MeFOSA	63	10 - 130	09/26/25 04:42	
D5-EtFOSA	62	10 - 130	09/26/25 04:42	
D7-MeFOSE	65	10 - 130	09/26/25 04:42	
D9-EtFOSE	66	10 - 130	09/26/25 04:42	
D3-MeFOSAA	72	40 - 170	09/26/25 04:42	
D5-EtFOSAA	68	25 - 135	09/26/25 04:42	
13C2-4:2 FTS	81	40 - 200	09/26/25 04:42	
13C2-6:2 FTS	88	40 - 200	09/26/25 04:42	
13C2-8:2 FTS	89	40 - 300	09/26/25 04:42	
13C3-HFPO-DA	87	40 - 130	09/26/25 04:42	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 11:30
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-11S	**Units:**	ng/L
Lab Code:	K2509142-007	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)								
Perfluorobutane sulfonic acid (PFBS)	ND U	1.9	0.89	0.84	1	09/26/25 04:58	9/23/25	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.9	0.94	0.50	1	09/26/25 04:58	9/23/25	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.9	0.91	0.53	1	09/26/25 04:58	9/23/25	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.9	0.95	0.50	1	09/26/25 04:58	9/23/25	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.9	0.93	0.50	1	09/26/25 04:58	9/23/25	
Perfluorononane sulfonic acid (PFNS)	ND U	1.9	0.96	0.50	1	09/26/25 04:58	9/23/25	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.9	0.97	0.50	1	09/26/25 04:58	9/23/25	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.9	0.97	0.50	1	09/26/25 04:58	9/23/25	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	ND U	2.0	2.0	1.3	1	09/26/25 04:58	9/23/25	
Perfluoropentanoic acid (PFPeA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Perfluorohexanoic acid (PFHxA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Perfluoroheptanoic acid (PFHpA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Perfluorooctanoic acid (PFOA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Perfluorononanoic acid (PFNA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Perfluorodecanoic acid (PFDA)	ND U	1.9	1.0	0.75	1	09/26/25 04:58	9/23/25	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Perfluorododecanoic acid (PFDOA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.9	1.0	0.70	1	09/26/25 04:58	9/23/25	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	**0.54 J**	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.9	1.0	0.53	1	09/26/25 04:58	9/23/25	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.9	1.0	0.54	1	09/26/25 04:58	9/23/25	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.9	1.0	0.61	1	09/26/25 04:58	9/23/25	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 11:30
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-11S	**Units:**	ng/L
Lab Code:	K2509142-007	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)								
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.9	0.94	0.50	1	09/26/25 04:58	9/23/25	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.9	1.4	0.50	1	09/26/25 04:58	9/23/25	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.9	0.96	0.50	1	09/26/25 04:58	9/23/25	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	19	10	4.2	1	09/26/25 04:58	9/23/25	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	19	10	8.2	1	09/26/25 04:58	9/23/25	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	19	10	7.0	1	09/26/25 04:58	9/23/25	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.9	0.89	0.50	1	09/26/25 04:58	9/23/25	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.9	0.93	0.50	1	09/26/25 04:58	9/23/25	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.9	0.94	0.50	1	09/26/25 04:58	9/23/25	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.9	1.0	0.50	1	09/26/25 04:58	9/23/25	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.9	0.95	0.50	1	09/26/25 04:58	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 11:30
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-11S	**Units:**	ng/L
Lab Code:	K2509142-007	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	83	40 - 135	09/26/25 04:58	
13C3-PFHxS	77	40 - 130	09/26/25 04:58	
13C8-PFOS	69	40 - 130	09/26/25 04:58	
13C4-PFBA	76	5 - 130	09/26/25 04:58	
13C5-PFPeA	82	40 - 130	09/26/25 04:58	
13C5-PFHxA	80	40 - 130	09/26/25 04:58	
13C4-PFHpA	75	40 - 130	09/26/25 04:58	
13C8-PFOA	76	40 - 130	09/26/25 04:58	
13C9-PFNA	75	40 - 130	09/26/25 04:58	
13C6-PFDA	70	40 - 130	09/26/25 04:58	
13C7-PFUnDA	62	30 - 130	09/26/25 04:58	
13C2-PFDoDA	53	10 - 130	09/26/25 04:58	
13C2-PFTeDA	49	10 - 130	09/26/25 04:58	
13C8-FOSA	67	40 - 130	09/26/25 04:58	
D3-MeFOSA	63	10 - 130	09/26/25 04:58	
D5-EtFOSA	60	10 - 130	09/26/25 04:58	
D7-MeFOSE	59	10 - 130	09/26/25 04:58	
D9-EtFOSE	58	10 - 130	09/26/25 04:58	
D3-MeFOSAA	64	40 - 170	09/26/25 04:58	
D5-EtFOSAA	60	25 - 135	09/26/25 04:58	
13C2-4:2 FTS	89	40 - 200	09/26/25 04:58	
13C2-6:2 FTS	93	40 - 200	09/26/25 04:58	
13C2-8:2 FTS	87	40 - 300	09/26/25 04:58	
13C3-HFPO-DA	86	40 - 130	09/26/25 04:58	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 08:00
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-13S	**Units:**	ng/L
Lab Code:	K2509142-008	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)								
Perfluorobutane sulfonic acid (PFBS)	**5.4**	1.8	0.89	0.84	1	09/26/25 05:14	9/23/25	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.8	0.94	0.50	1	09/26/25 05:14	9/23/25	
Perfluorohexane sulfonic acid (PFHxS)	**0.71 J**	1.8	0.91	0.53	1	09/26/25 05:14	9/23/25	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.50	1	09/26/25 05:14	9/23/25	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	0.93	0.50	1	09/26/25 05:14	9/23/25	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.50	1	09/26/25 05:14	9/23/25	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.50	1	09/26/25 05:14	9/23/25	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	09/26/25 05:14	9/23/25	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**39**	2.0	2.0	1.3	1	09/26/25 05:14	9/23/25	
Perfluoropentanoic acid (PFPeA)	**41**	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Perfluorohexanoic acid (PFHxA)	**28**	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Perfluoroheptanoic acid (PFHpA)	**14**	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Perfluorooctanoic acid (PFOA)	**5.9**	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Perfluorononanoic acid (PFNA)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.75	1	09/26/25 05:14	9/23/25	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Perfluorododecanoic acid (PFDOA)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.70	1	09/26/25 05:14	9/23/25	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.53	1	09/26/25 05:14	9/23/25	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.54	1	09/26/25 05:14	9/23/25	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.61	1	09/26/25 05:14	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 08:00
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-13S	**Units:**	ng/L
Lab Code:	K2509142-008	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)								
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.8	0.94	0.50	1	09/26/25 05:14	9/23/25	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	1.4	0.50	1	09/26/25 05:14	9/23/25	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.50	1	09/26/25 05:14	9/23/25	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	18	10	4.2	1	09/26/25 05:14	9/23/25	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	8.2	1	09/26/25 05:14	9/23/25	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	09/26/25 05:14	9/23/25	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.89	0.50	1	09/26/25 05:14	9/23/25	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.50	1	09/26/25 05:14	9/23/25	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	09/26/25 05:14	9/23/25	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.50	1	09/26/25 05:14	9/23/25	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.50	1	09/26/25 05:14	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	09/10/25 08:00
Sample Matrix:	Water	**Date Received:**	09/16/25 09:10
Sample Name:	MW-13S	**Units:**	ng/L
Lab Code:	K2509142-008	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	81	40 - 135	09/26/25 05:14	
13C3-PFHxS	74	40 - 130	09/26/25 05:14	
13C8-PFOS	68	40 - 130	09/26/25 05:14	
13C4-PFBA	74	5 - 130	09/26/25 05:14	
13C5-PFPeA	78	40 - 130	09/26/25 05:14	
13C5-PFHxA	78	40 - 130	09/26/25 05:14	
13C4-PFHpA	75	40 - 130	09/26/25 05:14	
13C8-PFOA	72	40 - 130	09/26/25 05:14	
13C9-PFNA	74	40 - 130	09/26/25 05:14	
13C6-PFDA	70	40 - 130	09/26/25 05:14	
13C7-PFUnDA	64	30 - 130	09/26/25 05:14	
13C2-PFDoDA	58	10 - 130	09/26/25 05:14	
13C2-PFTeDA	56	10 - 130	09/26/25 05:14	
13C8-FOSA	67	40 - 130	09/26/25 05:14	
D3-MeFOSA	62	10 - 130	09/26/25 05:14	
D5-EtFOSA	60	10 - 130	09/26/25 05:14	
D7-MeFOSE	64	10 - 130	09/26/25 05:14	
D9-EtFOSE	64	10 - 130	09/26/25 05:14	
D3-MeFOSAA	67	40 - 170	09/26/25 05:14	
D5-EtFOSAA	62	25 - 135	09/26/25 05:14	
13C2-4:2 FTS	77	40 - 200	09/26/25 05:14	
13C2-6:2 FTS	79	40 - 200	09/26/25 05:14	
13C2-8:2 FTS	78	40 - 300	09/26/25 05:14	
13C3-HFPO-DA	86	40 - 130	09/26/25 05:14	

QC Summary Forms

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
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Organic Compounds by HPLC/MS/MS

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
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Client: Onsite Environmental Incorporated **Service Request:** K2509142
Project: PFAS/553-8572-010
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Extraction Method: Method

Surrogate	Control Limits	MW-1S K2509142-001	MW-2S K2509142-002	MW-3S K2509142-003
13C3-PFBS	40-135	81	81	77
13C3-PFHxS	40-130	77	74	71
13C8-PFOS	40-130	72	71	68
13C4-PFBA	5-130	78	79	73
13C5-PFPeA	40-130	81	81	72
13C5-PFHxA	40-130	80	78	73
13C4-PFHpA	40-130	77	76	71
13C8-PFOA	40-130	80	76	71
13C9-PFNA	40-130	78	74	71
13C6-PFDA	40-130	71	71	69
13C7-PFUnDA	30-130	60	67	65
13C2-PFDoDA	10-130	47	59	56
13C2-PFTeDA	10-130	36	55	55
13C8-FOSA	40-130	71	68	65
D3-MeFOSA	10-130	64	64	60
D5-EtFOSA	10-130	61	64	61
D7-MeFOSE	10-130	57	68	65
D9-EtFOSE	10-130	63	68	65
D3-MeFOSAA	40-170	73	69	65
D5-EtFOSAA	25-135	69	67	64
13C2-4:2 FTS	40-200	99	84	75
13C2-6:2 FTS	40-200	85	83	79
13C2-8:2 FTS	40-300	80	78	81
13C3-HFPO-DA	40-130	85	83	81

Results flagged with an asterisk (*) indicate values outside control criteria.
Results flagged with an pound (#) indicate the control criteria is not acceptable.

Client: Onsite Environmental Incorporated **Service Request:** K2509142
Project: PFAS/553-8572-010
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Extraction Method: Method

Surrogate	Control Limits	MW-4S K2509142-004	MW-5S K2509142-005	MW-6S K2509142-006
13C3-PFBS	40-135	84	83	83
13C3-PFHxS	40-130	74	77	78
13C8-PFOS	40-130	67	73	74
13C4-PFBA	5-130	75	77	77
13C5-PFPeA	40-130	75	81	80
13C5-PFHxA	40-130	75	80	79
13C4-PFHpA	40-130	72	76	76
13C8-PFOA	40-130	74	77	77
13C9-PFNA	40-130	72	74	76
13C6-PFDA	40-130	68	72	74
13C7-PFUnDA	30-130	63	65	67
13C2-PFDoDA	10-130	56	56	60
13C2-PFTeDA	10-130	52	52	58
13C8-FOSA	40-130	64	67	71
D3-MeFOSA	10-130	60	64	63
D5-EtFOSA	10-130	60	62	62
D7-MeFOSE	10-130	62	60	65
D9-EtFOSE	10-130	62	61	66
D3-MeFOSAA	40-170	66	66	72
D5-EtFOSAA	25-135	61	64	68
13C2-4:2 FTS	40-200	83	90	81
13C2-6:2 FTS	40-200	84	93	88
13C2-8:2 FTS	40-300	81	89	89
13C3-HFPO-DA	40-130	83	86	87

Results flagged with an asterisk (*) indicate values outside control criteria.
Results flagged with an pound (#) indicate the control criteria is not acceptable.

Client: Onsite Environmental Incorporated **Service Request:** K2509142
Project: PFAS/553-8572-010
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Extraction Method: Method

Surrogate	Control Limits	MW-11S K2509142-007	MW-13S K2509142-008	MW-3S KQ2516901-01
13C3-PFBS	40-135	83	81	82
13C3-PFHxS	40-130	77	74	74
13C8-PFOS	40-130	69	68	71
13C4-PFBA	5-130	76	74	77
13C5-PFPeA	40-130	82	78	76
13C5-PFHxA	40-130	80	78	78
13C4-PFHpA	40-130	75	75	75
13C8-PFOA	40-130	76	72	77
13C9-PFNA	40-130	75	74	75
13C6-PFDA	40-130	70	70	72
13C7-PFUnDA	30-130	62	64	67
13C2-PFDoDA	10-130	53	58	60
13C2-PFTeDA	10-130	49	56	55
13C8-FOSA	40-130	67	67	67
D3-MeFOSA	10-130	63	62	64
D5-EtFOSA	10-130	60	60	63
D7-MeFOSE	10-130	59	64	68
D9-EtFOSE	10-130	58	64	67
D3-MeFOSAA	40-170	64	67	69
D5-EtFOSAA	25-135	60	62	65
13C2-4:2 FTS	40-200	89	77	79
13C2-6:2 FTS	40-200	93	79	86
13C2-8:2 FTS	40-300	87	78	86
13C3-HFPO-DA	40-130	86	86	86

Results flagged with an asterisk (*) indicate values outside control criteria.
Results flagged with an pound (#) indicate the control criteria is not acceptable.

Client: Onsite Environmental Incorporated **Service Request:** K2509142
Project: PFAS/553-8572-010
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Extraction Method: Method

Surrogate	Control Limits	Method Blank KQ2516901-04	Lab Control Sample KQ2516901-02	Low Level Lab Control Sample KQ2516901-03
13C3-PFBS	40-135	77	83	87
13C3-PFHxS	40-130	73	78	80
13C8-PFOS	40-130	70	77	79
13C4-PFBA	5-130	76	83	84
13C5-PFPeA	40-130	77	85	85
13C5-PFHxA	40-130	75	83	83
13C4-PFHpA	40-130	72	81	80
13C8-PFOA	40-130	72	79	80
13C9-PFNA	40-130	73	80	79
13C6-PFDA	40-130	71	78	80
13C7-PFUnDA	30-130	69	76	73
13C2-PFDoDA	10-130	62	67	63
13C2-PFTeDA	10-130	62	63	59
13C8-FOSA	40-130	75	66	67
D3-MeFOSA	10-130	66	64	63
D5-EtFOSA	10-130	54	62	63
D7-MeFOSE	10-130	99	77	80
D9-EtFOSE	10-130	94	81	84
D3-MeFOSAA	40-170	76	76	81
D5-EtFOSAA	25-135	78	72	76
13C2-4:2 FTS	40-200	88	96	101
13C2-6:2 FTS	40-200	91	97	103
13C2-8:2 FTS	40-300	88	93	96
13C3-HFPO-DA	40-130	79	89	89

Results flagged with an asterisk (*) indicate values outside control criteria.
Results flagged with an pound (#) indicate the control criteria is not acceptable.

QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project	PFAS/553-8572-010	**Date Collected:**	09/10/25
Sample Matrix:	Water	**Date Received:**	09/16/25
		Date Analyzed:	09/26/25 - 09/27/25

Replicate Sample Summary

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2509142-003	**Basis:**	NA

Analyte Name	Analysis Method	LOQ	LOD	MDL	Sample Result	Duplicate Sample KQ251690 1-01 Result	Average	RPD	RPD Limit
Perfluorobutane sulfonic acid (PFBS)	Draft EPA Method 1633	1.8	0.89	0.84	11	12	11.4	4	30
Perfluoropentane sulfonic acid (PFPeS)	Draft EPA Method 1633	1.8	0.94	0.50	2.8	3.0	2.90	9	30
Perfluorohexane sulfonic acid (PFHxS)	Draft EPA Method 1633	1.8	0.91	0.53	6.5	6.9	6.71	7	30
Perfluoroheptane sulfonic acid (PFHpS)	Draft EPA Method 1633	1.8	0.95	0.50	ND U	ND U	NC	NC	30
Perfluorooctane sulfonic acid (PFOS)	Draft EPA Method 1633	1.8	0.93	0.50	3.8	3.9	3.86	1	30
Perfluorononane sulfonic acid (PFNS)	Draft EPA Method 1633	1.8	0.96	0.50	ND U	ND U	NC	NC	30
Perfluorodecane sulfonic acid (PFDS)	Draft EPA Method 1633	1.8	0.97	0.50	ND U	ND U	NC	NC	30
Perfluorododecane sulfonic acid (PFDoS)	Draft EPA Method 1633	1.8	0.97	0.50	ND U	ND U	NC	NC	30
Perfluorobutanoic acid (PFBA)	Draft EPA Method 1633	2.0	2.0	1.3	87	88	87.6	<1	30
Perfluoropentanoic acid (PFPeA)	Draft EPA Method 1633	1.8	1.0	0.50	79	79	79.3	<1	30
Perfluorohexanoic acid (PFHxA)	Draft EPA Method 1633	1.8	1.0	0.50	54	54	53.8	<1	30
Perfluoroheptanoic acid (PFHpA)	Draft EPA Method 1633	1.8	1.0	0.50	27	27	26.7	<1	30
Perfluorooctanoic acid (PFOA)	Draft EPA Method 1633	1.8	1.0	0.50	35	34	34.4	3	30
Perfluorononanoic acid (PFNA)	Draft EPA Method 1633	1.8	1.0	0.50	1.1 J	1.1 J	1.06	<1	30
Perfluorodecanoic acid (PFDA)	Draft EPA Method 1633	1.8	1.0	0.75	ND U	ND U	NC	NC	30
Perfluoroundecanoic acid (PFUnDA)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
Perfluorododecanoic acid (PFDOA)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
Perfluorotridecanoic acid (PFTrDA)	Draft EPA Method 1633	1.8	1.0	0.70	ND U	ND U	NC	NC	30
Perfluorotetradecanoic acid (PFTDA)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
Perfluorooctane sulfonamide (PFOSAm)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
N-Methylperfluorooctane sulfonamide (MeFOSA)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	Draft EPA Method 1633	1.8	1.0	0.53	ND U	ND U	NC	NC	30
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	Draft EPA Method 1633	1.8	1.0	0.54	ND U	ND U	NC	NC	30
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	Draft EPA Method 1633	1.8	1.0	0.61	ND U	ND U	NC	NC	30
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	Draft EPA Method 1633	1.8	0.94	0.50	ND U	ND U	NC	NC	30
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	Draft EPA Method 1633	1.8	1.4	0.50	ND U	ND U	NC	NC	30
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	Draft EPA Method 1633	1.8	0.96	0.50	ND U	ND U	NC	NC	30
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	Draft EPA Method 1633	18	10	4.2	ND U	ND U	NC	NC	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project	PFAS/553-8572-010	**Date Collected:**	09/10/25
Sample Matrix:	Water	**Date Received:**	09/16/25
		Date Analyzed:	09/26/25 - 09/27/25

Replicate Sample Summary

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2509142-003	**Basis:**	NA

Analyte Name	Analysis Method	LOQ	LOD	MDL	Sample Result	Duplicate Sample KQ2516901-01 Result	Average	RPD	RPD Limit
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	Draft EPA Method 1633	18	10	8.2	ND U	ND U	NC	NC	30
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	Draft EPA Method 1633	18	10	7.0	ND U	ND U	NC	NC	30
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	Draft EPA Method 1633	1.8	0.89	0.50	ND U	ND U	NC	NC	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	Draft EPA Method 1633	1.8	0.93	0.50	ND U	ND U	NC	NC	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	Draft EPA Method 1633	1.8	0.94	0.50	ND U	ND U	NC	NC	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	Draft EPA Method 1633	1.8	1.0	0.50	ND U	ND U	NC	NC	30
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	Draft EPA Method 1633	1.8	0.95	0.50	ND U	ND U	NC	NC	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ng/L
Lab Code:	KQ2516901-04	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)								
Perfluorobutane sulfonic acid (PFBS)	ND U	2.0	0.89	0.84	1	09/25/25 23:52	9/23/25	
Perfluoropentane sulfonic acid (PFPeS)	ND U	2.0	0.94	0.50	1	09/25/25 23:52	9/23/25	
Perfluorohexane sulfonic acid (PFHxS)	ND U	2.0	0.91	0.53	1	09/25/25 23:52	9/23/25	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	2.0	0.95	0.50	1	09/25/25 23:52	9/23/25	
Perfluorooctane sulfonic acid (PFOS)	ND U	2.0	0.93	0.50	1	09/25/25 23:52	9/23/25	
Perfluorononane sulfonic acid (PFNS)	ND U	2.0	0.96	0.50	1	09/25/25 23:52	9/23/25	
Perfluorodecane sulfonic acid (PFDS)	ND U	2.0	0.97	0.50	1	09/25/25 23:52	9/23/25	
Perfluorododecane sulfonic acid (PFDoS)	ND U	2.0	0.97	0.50	1	09/25/25 23:52	9/23/25	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	ND U	2.0	2.0	1.3	1	09/25/25 23:52	9/23/25	
Perfluoropentanoic acid (PFPeA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Perfluorohexanoic acid (PFHxA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Perfluoroheptanoic acid (PFHpA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Perfluorooctanoic acid (PFOA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Perfluorononanoic acid (PFNA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Perfluorodecanoic acid (PFDA)	ND U	2.0	1.0	0.75	1	09/25/25 23:52	9/23/25	
Perfluoroundecanoic acid (PFUnDA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Perfluorotridecanoic acid (PFTrDA)	ND U	2.0	1.0	0.70	1	09/25/25 23:52	9/23/25	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	2.0	1.0	0.53	1	09/25/25 23:52	9/23/25	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	2.0	1.0	0.54	1	09/25/25 23:52	9/23/25	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	2.0	1.0	0.61	1	09/25/25 23:52	9/23/25	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ng/L
Lab Code:	KQ2516901-04	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Analyte Name	Result	LOQ	LOD	MDL	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)								
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	2.0	0.94	0.50	1	09/25/25 23:52	9/23/25	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	2.0	1.4	0.50	1	09/25/25 23:52	9/23/25	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	2.0	0.96	0.50	1	09/25/25 23:52	9/23/25	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	10	4.2	1	09/25/25 23:52	9/23/25	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	20	10	8.2	1	09/25/25 23:52	9/23/25	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	20	10	7.0	1	09/25/25 23:52	9/23/25	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	2.0	0.89	0.50	1	09/25/25 23:52	9/23/25	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	2.0	0.93	0.50	1	09/25/25 23:52	9/23/25	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	2.0	0.94	0.50	1	09/25/25 23:52	9/23/25	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	2.0	1.0	0.50	1	09/25/25 23:52	9/23/25	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	2.0	0.95	0.50	1	09/25/25 23:52	9/23/25	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ng/L
Lab Code:	KQ2516901-04	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method: Draft EPA Method 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	77	40 - 135	09/25/25 23:52	
13C3-PFHxS	73	40 - 130	09/25/25 23:52	
13C8-PFOS	70	40 - 130	09/25/25 23:52	
13C4-PFBA	76	5 - 130	09/25/25 23:52	
13C5-PFPeA	77	40 - 130	09/25/25 23:52	
13C5-PFHxA	75	40 - 130	09/25/25 23:52	
13C4-PFHpA	72	40 - 130	09/25/25 23:52	
13C8-PFOA	72	40 - 130	09/25/25 23:52	
13C9-PFNA	73	40 - 130	09/25/25 23:52	
13C6-PFDA	71	40 - 130	09/25/25 23:52	
13C7-PFUnDA	69	30 - 130	09/25/25 23:52	
13C2-PFDoDA	62	10 - 130	09/25/25 23:52	
13C2-PFTeDA	62	10 - 130	09/25/25 23:52	
13C8-FOSA	75	40 - 130	09/25/25 23:52	
D3-MeFOSA	66	10 - 130	09/25/25 23:52	
D5-EtFOSA	54	10 - 130	09/25/25 23:52	
D7-MeFOSE	99	10 - 130	09/25/25 23:52	
D9-EtFOSE	94	10 - 130	09/25/25 23:52	
D3-MeFOSAA	76	40 - 170	09/25/25 23:52	
D5-EtFOSAA	78	25 - 135	09/25/25 23:52	
13C2-4:2 FTS	88	40 - 200	09/25/25 23:52	
13C2-6:2 FTS	91	40 - 200	09/25/25 23:52	
13C2-8:2 FTS	88	40 - 300	09/25/25 23:52	
13C3-HFPO-DA	79	40 - 130	09/25/25 23:52	

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QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Analyzed:**	09/26/25
Sample Matrix:	Water	**Date Extracted:**	09/23/25

Lab Control Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method:	Draft EPA Method 1633	**Units:**	ng/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	894910

Lab Control Sample
KQ2516901-02

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	15.0	18.9	79	55-160
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	22.3	19.2	116	60-150
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	21.3	18.7	114	70-145
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	22.0	19.0	116	65-155
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	219	200	109	50-145
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	252	200	126	70-135
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	235	200	118	65-130
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	19.7	18.9	104	65-145
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	17.3	18.7	93	70-155
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	23.0	20.0	115	70-140
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	25.1	20.0	125	65-145
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	24.2	20.0	121	70-145
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	21.2	20.0	106	70-135
N-Methylperfluorooctane sulfonamide (MeFOSA)	21.4	20.0	107	60-150
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	23.5	20.0	118	50-140
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	21.0	20.0	105	70-145
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	22.0	20.0	110	50-150
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	19.4	17.8	109	70-140
Perfluoro-3-methoxypropanoic acid (PFMPA)	20.0	20.0	100	55-140
Perfluoro-4-methoxybutanoic acid (PFMBA)	21.3	20.0	107	60-150
Perfluorobutane sulfonic acid (PFBS)	20.6	17.7	116	60-145
Perfluorobutanoic acid (PFBA)	22.6	20.0	113	70-140
Perfluorodecane sulfonic acid (PFDS)	18.9	19.3	98	60-145
Perfluorodecanoic acid (PFDA)	23.6	20.0	118	70-140
Perfluorododecane sulfonic acid (PFDoS)	16.8	19.4	87	50-145
Perfluorododecanoic acid (PFDOA)	23.1	20.0	115	70-140
Perfluoroheptane sulfonic acid (PFHpS)	23.4	19.1	123	70-150
Perfluoroheptanoic acid (PFHpA)	22.7	20.0	113	70-150
Perfluorohexane sulfonic acid (PFHxS)	21.0	18.3	115	65-145
Perfluorohexanoic acid (PFHxA)	22.5	20.0	112	70-145
Perfluorononane sulfonic acid (PFNS)	20.6	19.2	107	65-145

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Analyzed:**	09/26/25
Sample Matrix:	Water	**Date Extracted:**	09/23/25

Lab Control Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method:	Draft EPA Method 1633	**Units:**	ng/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	894910

Lab Control Sample
KQ2516901-02

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Perfluorononanoic acid (PFNA)	22.7	20.0	114	70-150
Perfluorooctane sulfonamide (PFOSAm)	24.1	20.0	121	70-145
Perfluorooctane sulfonic acid (PFOS)	21.3	18.6	115	55-150
Perfluorooctanoic acid (PFOA)	23.1	20.0	115	70-150
Perfluoropentane sulfonic acid (PFPeS)	22.3	18.8	118	65-140
Perfluoropentanoic acid (PFPeA)	23.0	20.0	115	65-135
Perfluorotetradecanoic acid (PFTDA)	21.9	20.0	110	60-140
Perfluorotridecanoic acid (PFTrDA)	23.0	20.0	115	65-140
Perfluoroundecanoic acid (PFUnDA)	22.7	20.0	114	70-145

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QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Analyzed:**	09/26/25
Sample Matrix:	Water	**Date Extracted:**	09/23/25

Lab Control Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method:	Draft EPA Method 1633	**Units:**	ng/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	894910

Low Level Lab Control Sample
KQ2516901-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	2.32	3.77	62	55-160
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.26	3.84	111	60-150
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	4.16	3.75	111	70-145
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.86	3.80	101	65-155
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	39.5	40.0	99	50-145
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	47.3	40.0	118	70-135
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	46.1	40.0	115	65-130
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	3.50	3.78	93	65-145
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	2.78	3.73	74	70-155
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	4.16	4.00	104	70-140
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	4.72	4.00	118	65-145
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	4.72	4.00	118	70-145
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	4.08	4.00	102	70-135
N-Methylperfluorooctane sulfonamide (MeFOSA)	3.98	4.00	100	60-150
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	4.52	4.00	113	50-140
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	4.04	4.00	101	70-145
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.10	4.00	103	50-150
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	3.52	3.56	99	70-140
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.60	4.00	90	55-140
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.86	4.00	97	60-150
Perfluorobutane sulfonic acid (PFBS)	3.68	3.55	104	60-145
Perfluorobutanoic acid (PFBA)	4.16	4.00	104	70-140
Perfluorodecane sulfonic acid (PFDS)	3.20	3.86	83	60-145
Perfluorodecanoic acid (PFDA)	4.10	4.00	103	70-140
Perfluorododecane sulfonic acid (PFDoS)	2.82	3.88	73	50-145
Perfluorododecanoic acid (PFDOA)	4.08	4.00	102	70-140
Perfluoroheptane sulfonic acid (PFHpS)	4.42	3.81	116	70-150
Perfluoroheptanoic acid (PFHpA)	4.16	4.00	104	70-150
Perfluorohexane sulfonic acid (PFHxS)	3.80	3.66	104	65-145
Perfluorohexanoic acid (PFHxA)	4.14	4.00	104	70-145
Perfluorononane sulfonic acid (PFNS)	3.56	3.85	93	65-145

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QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2509142
Project:	PFAS/553-8572-010	**Date Analyzed:**	09/26/25
Sample Matrix:	Water	**Date Extracted:**	09/23/25

Lab Control Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS Compliant with Table B-24 of DOD QSM 5.4

Analysis Method:	Draft EPA Method 1633	**Units:**	ng/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	894910

Low Level Lab Control Sample
KQ2516901-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Perfluorononanoic acid (PFNA)	4.14	4.00	104	70-150
Perfluorooctane sulfonamide (PFOSAm)	4.48	4.00	112	70-145
Perfluorooctane sulfonic acid (PFOS)	3.88	3.71	105	55-150
Perfluorooctanoic acid (PFOA)	4.20	4.00	105	70-150
Perfluoropentane sulfonic acid (PFPeS)	4.18	3.76	111	65-140
Perfluoropentanoic acid (PFPeA)	4.18	4.00	105	65-135
Perfluorotetradecanoic acid (PFTDA)	3.90	4.00	98	60-140
Perfluorotridecanoic acid (PFTrDA)	4.02	4.00	101	65-140
Perfluoroundecanoic acid (PFUnDA)	4.02	4.00	101	70-145

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Parametrix
Project Number: 553-8472-010
Project Name: Rocky Top Environmental LPL
Project Manager: Laura Lee, Mike Brady
Sampled by:

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☐ 2 Days
- ☐ 3 Days
- ☒ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 09-121

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	PFAS (EPA 1633)	EPA Priority Pollutant Metals	% Moisture
1	MW-1S	9/10/25	1440	Water	3	X		
2	MW-2S	9/9/25	1635	Water	3	X		
3	MW-3S	9/10/25	1015	Water	3	X	X	
4	MW-4S	9/10/25	1215	Water	3	X		
5	MW-5S	9/9/25	1225	Water	3	X		
6	MW-6S	9/10/25	1330	Water	3	X		
7	MW-11S	9/10/25	1130	Water	3	X	X	
8	MW-13S	9/10/25	0800	Wter	3	X	X	

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	9/11/25	11:05
Received	[signature]	OSE	9/11/25	1105
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Chromatograms with final report ☐

Appendix C

Third Quarter 2025
Data Quality Evaluation

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Memorandum

DATE: September 3, 2025
TO: Project File
FROM: Lisa Gilbert
SUBJECT: Third Quarter 2025 (A) Data Quality Evaluation
CC: Mike Brady
PROJECT NUMBER: 553-8472-009
PROJECT NAME: DTG Yakima Limited Purpose Landfill

A data quality evaluation was conducted for the Third Quarter 2025 (A) sampling event at the DTG Yakima Limited Purpose Landfill (LPL). Samples were collected on August 4 and 5, by Parametrix under contract to DTG. The samples were analyzed by OnSite Environmental (OnSite) under one associated work order:

- Work Order 2508-034 (MW-5S, MW-6S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-8D DUP)): Wet Chemistry, Dissolved metals, Total metals.
- Work Order 2508-035 (MW-5S, MW-6S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-8D DUP), Trip Blank): VOCs, Total Petroleum Hydocarbons (TPH-Gx, TPH-Dx) (SA wells only), Nitrate.
    - Nitrate samples were subcontracted to Anatek Labs (Anatek) under Work Orders YFH0039 and YFH0048.

The data were evaluated in accordance with EPA guidance (EPA 2020a, 2020b, and 2009) at a Stage 2A level. Sample MW-13S is a field duplicate of MW-8D, and extra sample volume to be tested for quality control analyses were collected at well MW-6S.

Field Narrative

Groundwater sampling field data sheets were provided by Parametrix.

Laboratory Case Narrative

Samples collected on August 4 and 5, 2025. Nitrate samples were received by Anatek at 12:29, and the remainder of samples were received by OnSite at 15:23 on August 5, 2025. They were maintained at the laboratory at a temperature of 2 to 6 degrees Celsius.

Work Orders 2508-034

Wet Chemistry (Total Alkalinity, Bicarbonate, TDS, Chloride, Sulfate, Ammonia, TOC)

The sample(s) were prepared and analyzed within the recommended holding times.

The method blank(s) were clean at the reporting limits.

The laboratory duplicate RPDs were within control limits except for TDS which was outside of control limits (44%). The TDS result for the associated sample (MW-6S) was therefore qualified J, as an estimated value.

The MS/MSD (if required) and spike blank recoveries and RPDs were within control limits.

Total and Dissolved Metals (EPA Method 6010D)

The sample(s) were digested and analyzed within the recommended holding times.

The method blank(s) were clean at the reporting limits.

The duplicate RPDs were within control limits.

The MS recoveries and spike blank percent recoveries and RPDs were within control limits.

Work Order 2508-035

Volatiles (EPA Method SW8260D)

The sample(s) were analyzed within the recommended holding times.

No VOCs were detected in the trip blank.

The surrogate percent recoveries were within control limits.

The method blank(s) were clean at the reporting limits.

The matrix spike (MS) and matrix spike duplicate (MSD) recoveries and relative percent differences (RPDs) were within control limits.

Total Petroleum Hydrocarbons (NWTPH-Gx and Dx) – SA Wells Only (and MW-8D duplicate MW-13S, although not required)

The sample(s) were prepared and analyzed within the recommended holding times.

No gasoline-range hydrocarbons were detected in the trip blank.

The surrogate percent recoveries were within control limits.

The method blank(s) were clean at the reporting limits.

The duplicate RPDs were within control limits.

The MS and MSD recoveries and RPDs were within control limits, except for percent recovery of diesel range organics in the MS and MSD, which were out of control high (132 and 133, respectively). Diesel range organics were not detected in the associated sample (MW-6S); therefore, no data were qualified.

Anatek Work Order YFH0039 (subcontracted)

Nitrate (EPA Method Hach 10206)

The sample(s) were analyzed within the recommended holding times.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

The MS and MSD percent recoveries and RPDs were within control limits.

Anatek Work Order YFH0048 (subcontracted)

Nitrate (EPA Method Hach 10206)

The sample(s) were analyzed within the recommended holding times.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

The MS and MSD percent recoveries and RPDs were within control limits.

Field Duplicate Evaluation

Relative Percent Differences (RPDs) were calculated for the results of sample MW-8D and duplicate MW-13S. Field duplicate Relative Percent Difference calculations are included in Attachment A.

The duplicate percent RPDs were within control limits for all analytes except for total iron.

Data Qualification

- Total iron results were qualified “J” as estimated for MW-8D and duplicate MW-13S.
- TDS for sample MW-6S was qualified “J” as an estimated value due to the laboratory RPD out of control limits.

References

EPA (U.S. Environmental Protection Agency). 2002. Guidance on Environmental Data Verification and Data Validation. EPA QA/G-8. EPA240R-02/004.

EPA. 2020a. National Functional Guidelines for Inorganic Superfund Data Review. EPA 540R- 2017-001. November.

EPA. 2020b. National Functional Guidelines for Organic Superfund Data Review. EPA 542-R-20-006. November.

Attachment A

Third Quarter (A) 2025 Field Duplicate Relative Percent Difference Calculations

DTG Yakima LPL Field Duplicate Relative Percent Difference Calculations
553-8472-009

Third Quarter 2025 (A)
Sample Dates: August 4-5, 2025
Sample analyses: On-Site Environmental 2508-034 (Wet Chemistry, Total and Dissolved Metals): MW-5S, MW-6S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-8D DUP), Trip Blanks
On-Site Environmental 2508-035 (VOCs, TPH): MW-5S, MW-6S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-8D DUP), Trip Blanks
Anatek YFH0048 (Nitrates): MW-6S, MW-9D, MW-10D
Anatek YFH0039 (Nitrates): MW-5S, MW-13S, MW-7D, MW-8D
MS/MSD extra volume collected at MW-6S
DUP MW-13S collected at MW-8D
Completed by: Lisa Gilbert 9/3/2025

Groundwater	sample	duplicate	avg	diff	RPD	=/<25%?	RL	w/in RL?
units = mg/L	**MW-8D**	**MW-13S**						
Iron, Total	**0.55**	**0.18**	**0.37**	**0.37**	**101.4**	**n**	**0.050**	**n**
Magnesium, Total	16	17	16.50	-1	6.1	y	1.0	
Manganese, Total	0.031	0.028	0.03	0.003	10.2	y	0.010	
Calcium, Dissolved	24	24	24	0	0.0	y	1.1	
Iron, Dissolved	<0.056	<0.056	n/a	n/a	n/a		0.056	y
Magnesium, Dissolve	17	17	17	0	0.0	y	1.1	
Manganese, Dissolve	0.024	0.024	0.024	0	0.0	y	0.011	
Potassium, Dissolved	2.6	2.6	2.6	0	0.0	y	1.1	
Sodium, Dissolved	18	18	18	0	0.0	y	1.1	
Nitrate	1.48	1.46	1.47	0.02	1.4	y	0.200	
Chloride	13	13	13	0	0.0	y	2.0	
Sulfate	58	58	58	0	0.0	y	20	
TDS	230	240	235	-10	4.3	y	13	
Alkalinity	94	94	94	0	0.0	y	2.0	
Bicarbonate	94	94	94	0	0.0	y	2.0	
Ammonia	<0.053	<0.053	n/a	n/a	n/a		0.053	y
TOC	<1.0	<1.0	n/a	n/a	n/a		1.0	y
TPH-Gasoline (ug/L)	n/a	<100	n/a	n/a	n/a		100	
TPH-Diesel	n/a	<0.21	n/a	n/a	n/a		0.21	
TPH-Oil	n/a	<0.21	n/a	n/a	n/a		0.21	

VOCs None detected

Comments: Qualify total iron results for MW-8D and MW-13S "J" as estimated.

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Memorandum

DATE:	October 1, 2025
TO:	Project File
FROM:	Sally Nguyen
SUBJECT:	Third Quarter 2025 (B) Data Quality Evaluation
CC:	Mike Brady
PROJECT NUMBER:	553-8472-009
PROJECT NAME:	DTG Yakima Limited Purpose Landfill

A data quality evaluation was conducted for the Third Quarter 2025 (B) sampling event at the DTG Yakima Limited Purpose Landfill (LPL). Samples were collected on September 9 and 10, 2025 by Parametrix under contract to DTG. The samples were analyzed by OnSite Environmental (OnSite) under three associated work orders:

- Work Order 2509-119a (MW-1S, MW-2S, MW-3S, MW-4S, MW-5S, MW-6S, MW-7D, MW-8D, MW-9D, MW-10D, MW-11S, MW-13S (MW-4S DUP)): Wet Chemistry, Total and Dissolved Metals.
- Work Order 2509-120 (MW-1S, MW-2S, MW-3S, MW-4S, MW-5S, MW-6S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-4S DUP), Trip Blank): VOCs, Total Petroleum Hydrocarbons (NWTPH-Gx and -Dx) (SA Wells Only), Nitrate.
    - Nitrate samples were subcontracted to Anatek Labs (Anatek) under Work Orders YFI0173 and YFI0148.

The data were evaluated in accordance with EPA guidance (EPA 2020a, 2020b, and 2009) at a Stage 2A level. Sample MW-13S is a field duplicate of MW-4S, and extra sample volume to be tested for quality control analyses were collected at well MW-3S.

Field Narrative

Groundwater sampling field data sheets were provided by Parametrix.

Laboratory Case Narrative

Samples collected on September 9, and 10, 2025. Nitrate samples were received by Anatek at 8:00, and the remainder of samples were received by OnSite at 11:05 on September 11, 2025. They were maintained at the laboratory at a temperature of 2 to 6 degrees Celsius.

Work Order 2509-119a

Wet Chemistry (Total Alkalinity, Bicarbonate, TDS, Chloride, Sulfate, Ammonia, TOC)

The sample(s) were prepared and analyzed within the recommended holding times.

The method blank(s) were clean at the reporting limits.

The duplicate RPDs were within control limits.

The MS (if required) and spike blank recoveries and RPDs were within control limits.

Total and Dissolved Metals (EPA Method 6010D)

The sample(s) were digested and analyzed within the recommended holding times.

The method blank(s) were clean at the reporting limits.

The duplicate RPDs were within control limits.

The MS recoveries and relative percent differences (RPDs) were within control limits.

Work Order 2509-120

Volatiles (EPA Method SW8260D)

The sample(s) were analyzed within the recommended holding times.

No VOCs were detected in the trip blank.

The surrogate percent recoveries were within control limits.

The method blank(s) were clean at the reporting limits.

The matrix spike and matrix spike duplicate recoveries and relative percent differences (RPDs) were within control limits.

Total Petroleum Hydrocarbons (NWTPH-Gx and Dx) – SA Wells Only

The sample(s) were prepared and analyzed within the recommended holding times.

No gasoline-range hydrocarbons were detected in the trip blank.

The surrogate percent recoveries were within control limits, except for the surrogate associated with the gasoline-range hydrocarbons analysis of sample MW-11S, which was outside control limits (high). Gasoline-range hydrocarbons were not detected in the sample, therefore no data were qualified.

The method blank(s) were clean at the reporting limits.

The duplicate RPDs were within control limits.

Anatek Work Order YFI0173 (subcontracted)

Nitrate (EPA Method Hach 10206)

The method blank(s) were clean at the reporting limits.

The percent recovery of the laboratory control sample was within control limits.

The matrix spike and matrix spike duplicate recoveries and relative percent differences (RPDs) were within control limits.

Anatek Work Order YFI0148 (subcontracted)

Nitrate (EPA Method Hach 10206)

The method blank(s) were clean at the reporting limits.

The percent recovery of the laboratory control sample was within control limits.

The matrix spike and matrix spike duplicate recoveries and relative percent differences (RPDs) were within control limits.

Field Duplicate Evaluation

Relative Percent Differences (RPDs) were calculated for the results of sample MW-4S and duplicate MW-13S. Field duplicate Relative Percent Difference calculations are included in Attachment A.

The duplicate percent RPDs were within control limits for all analytes except for ammonia.

Data Qualification

Qualify ammonia results for MW-4S and duplicate MW-13S "J" as estimated due to RPD out of acceptable limits.

References

EPA (U.S. Environmental Protection Agency). 2002. Guidance on Environmental Data Verification and Data Validation. EPA QA/G-8. EPA240R-02/004.

EPA. 2020a. National Functional Guidelines for Inorganic Superfund Data Review. EPA 540R- 2017-001. November.

EPA. 2020b. National Functional Guidelines for Organic Superfund Data Review. EPA 542-R-20-006. November.

Attachment A

Third Quarter (B) 2025 Field Duplicate Relative Percent Difference Calculations

DTG Yakima LPL Field Duplicate Relative Percent Difference Calculations
553-8472-009

Third Quarter 2025 (B)
Sample Dates: September 9-10, 2025

Sample analyses: On-Site Environmental 2509-119a (Wet Chemistry, Total and Dissolved Metals): MW-1S, MW-2S, MW-3S, MW-4S, MW-5S, MW-6S, MW-11S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-4S DUP)

On-Site Environmental 2509-120 (VOCs, TPH): MW-1S, MW-2S, MW-3S, MW-4S, MW-5S, MW-6S, MW-11S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-4S DUP), Trip Blank

Anatek YFI0173 (Nitrates): MW-1S, MW-3S, MW-4S, MW-6S, MW-11S, MW-9D, MW-10D, MW-13S (MW-4S DUP)
Anatek YFI0148 (Nitrates): MW-2S, MW-5S, MW-7D, MW-8D

MS/MSD extra volume collected at MW-3S
DUP MW-13S collected at MW-4S
Completed by: Sally Nguyen 10/1/2025

Groundwater	sample	duplicate	avg	diff	RPD	=/<25%?	RL	w/in RL?
units = mg/L	**MW-4S**	**MW-13S**						
Iron, Total	<0.050	<0.050	n/a	n/a	n/a		0.050	y
Magnesium, Total	67	67	67.00	0	0.0	y	10	
Manganese, Total	<0.010	<0.010	n/a	n/a	n/a		0.010	y
Calcium, Dissolved	100	100	100.00	0	0.0	y	10	
Iron, Dissolved	<0.056	<0.056	n/a	n/a	n/a		0.056	y
Magnesium, Dissolvec	74	75	74.50	-1	1.3	y	10	
Manganese, Dissolvec	<0.011	<0.011	n/a	n/a	n/a		0.011	y
Potassium, Dissolved	6.7	6.7	6.70	0	0.0	y	1.1	
Sodium, Dissolved	21	22	21.50	-1	4.7	y	1.1	
Nitrate	66.3	68.1	67.20	-1.8	2.7	y	2.00	
Chloride	42	43	42.50	-1	2.4	y	2.0	
Sulfate	120	130	125.00	-10	8.0	y	20	
TDS	640	670	655.00	-30	4.6	y	13	
Alkalinity	160	160	160.00	0	0.0	y	2.0	
Bicarbonate	160	160	160.00	0	0.0	y	2.0	
Ammonia	**0.21**	**0.070**	**0.14**	**0.14**	**100.0**	**n**	**0.053**	**n**
TOC	3.9	3.8	3.85	0.1	2.6	y	1.0	
TPH-Gasoline (ug/L)	<100	<100	n/a	n/a	n/a		100	y
TPH-Diesel	<0.25	<0.24	n/a	n/a	n/a		0.25/0.24	y
TPH-Oil	<0.25	<0.24	n/a	n/a	n/a		0.25/0.24	y

VOCs None detected

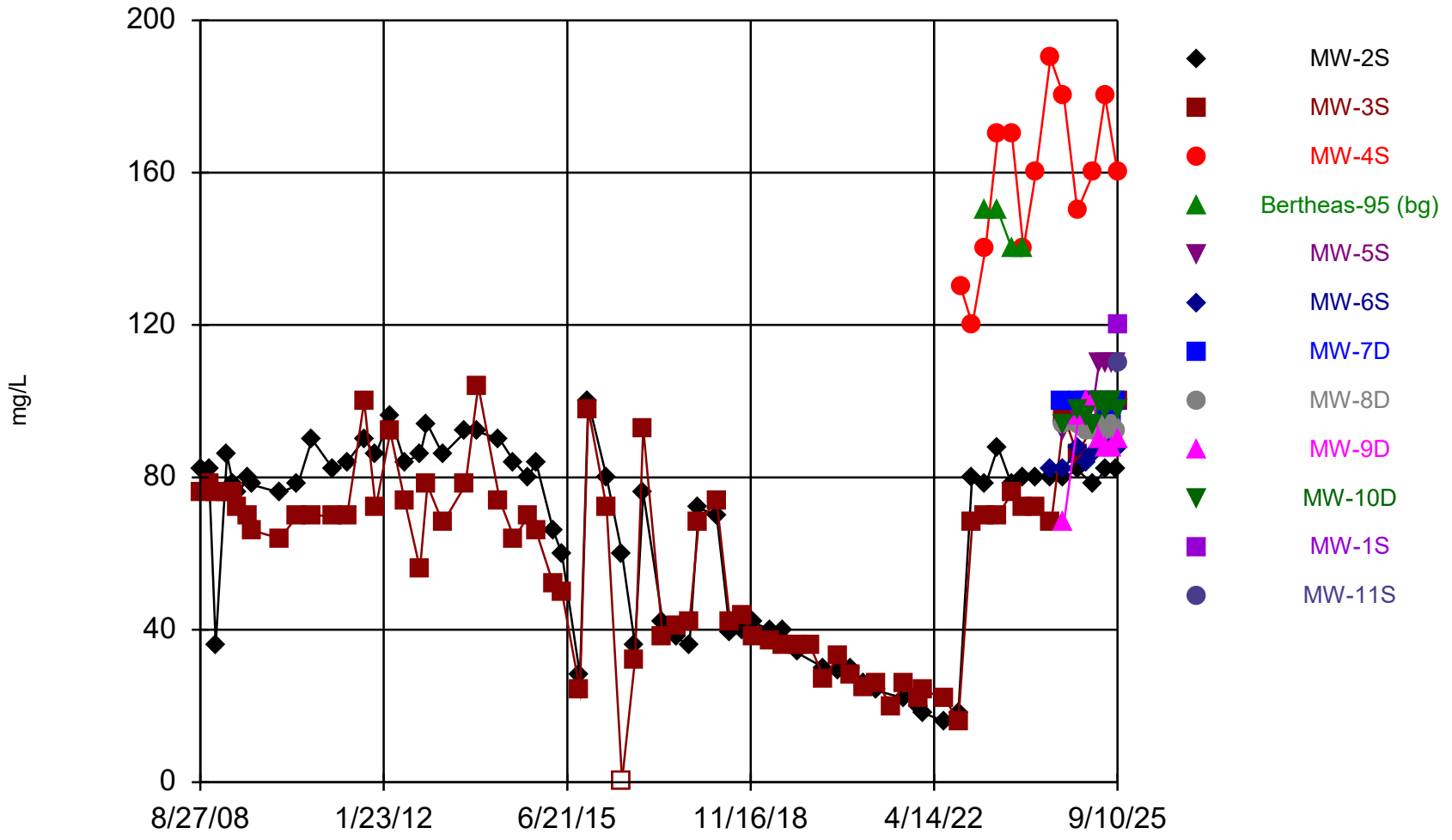
Comments: Qualify ammonia results for MW-4S and MW-13S "J" as estimated.

Appendix D

Time-Series Plots

Hollow symbols indicate censored values.

Time Series

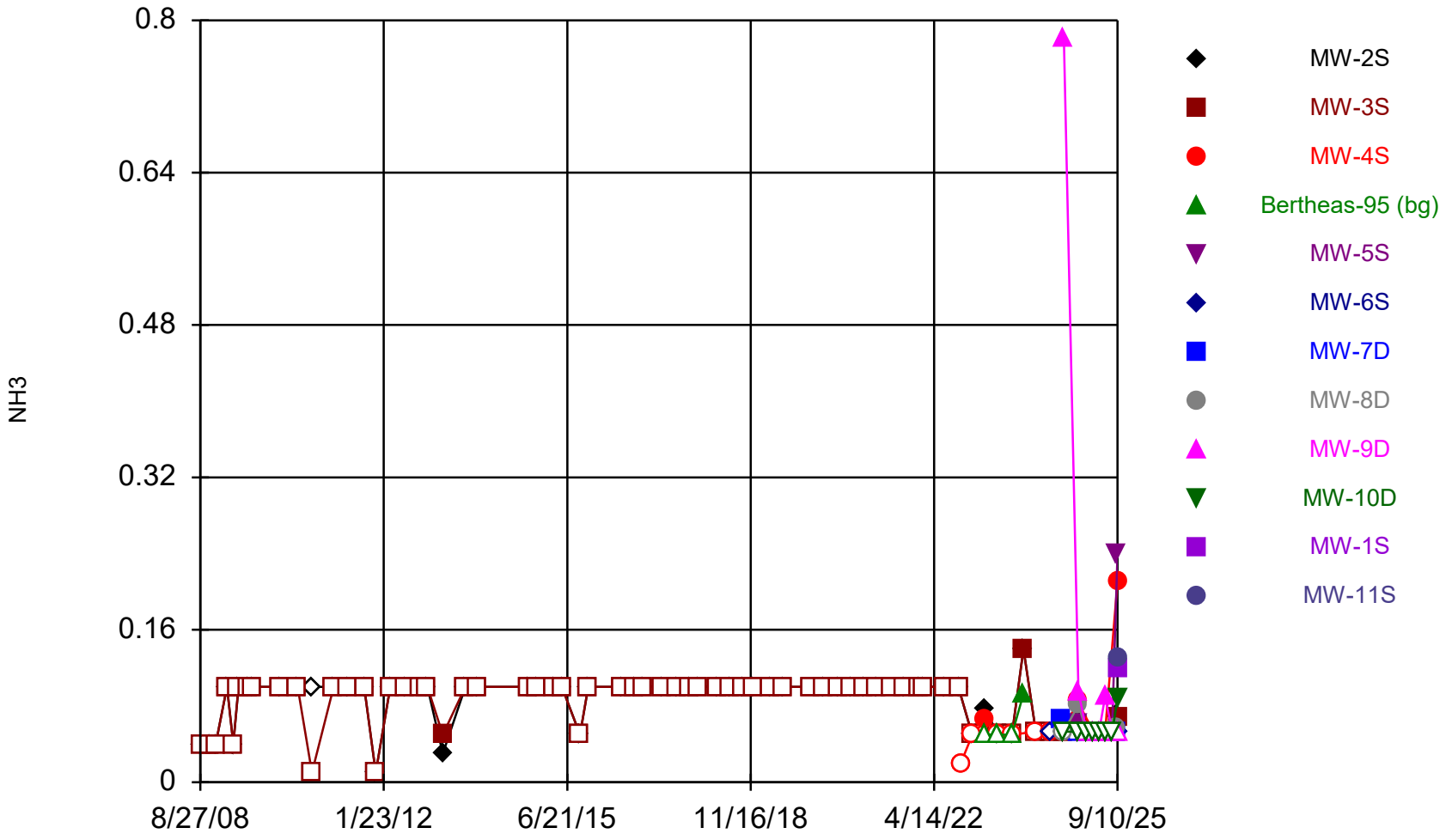


Constituent: Alkalinity, Total Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

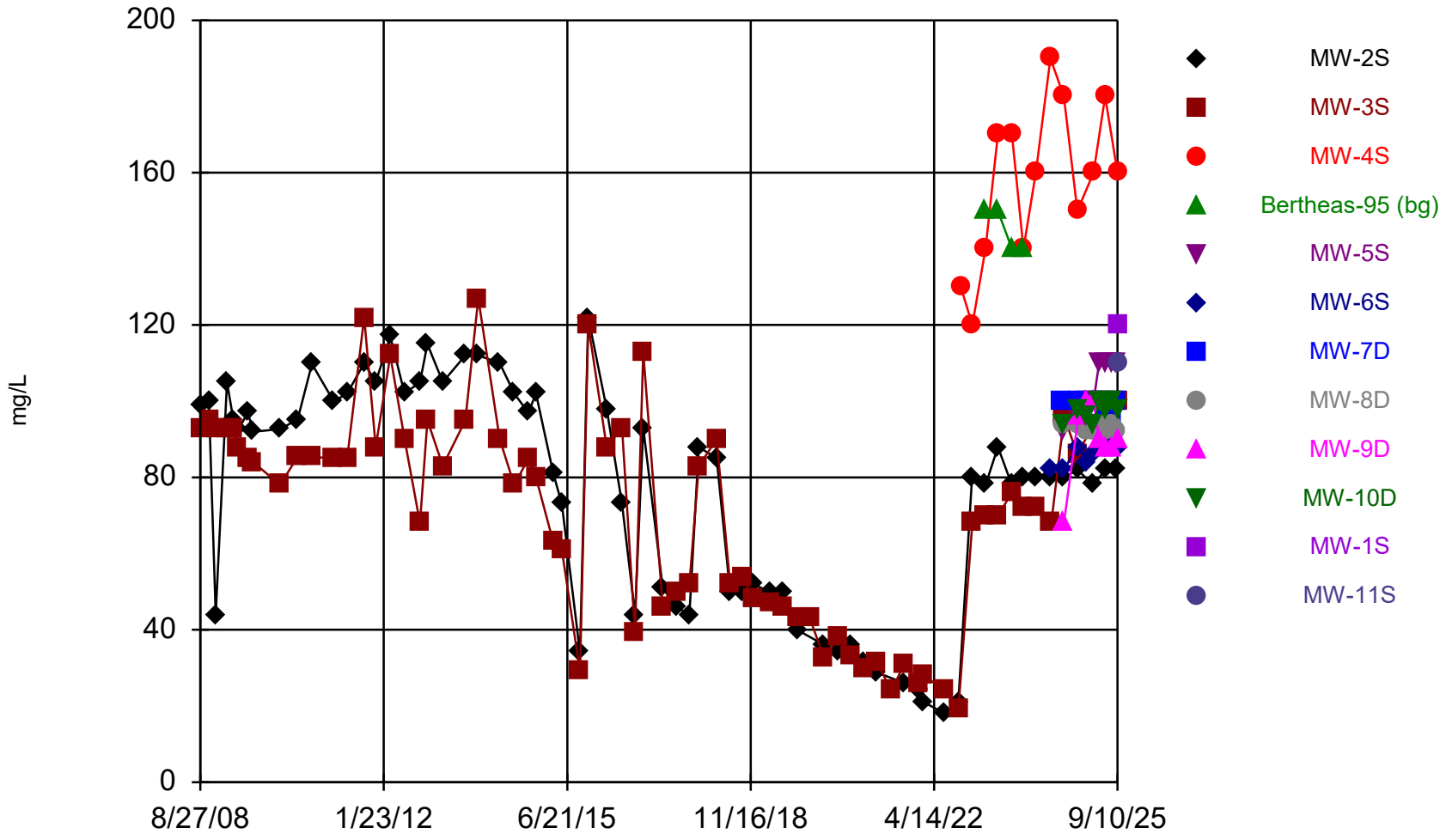
Time Series



Constituent: Ammonia Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Time Series



Constituent: Bicarbonate Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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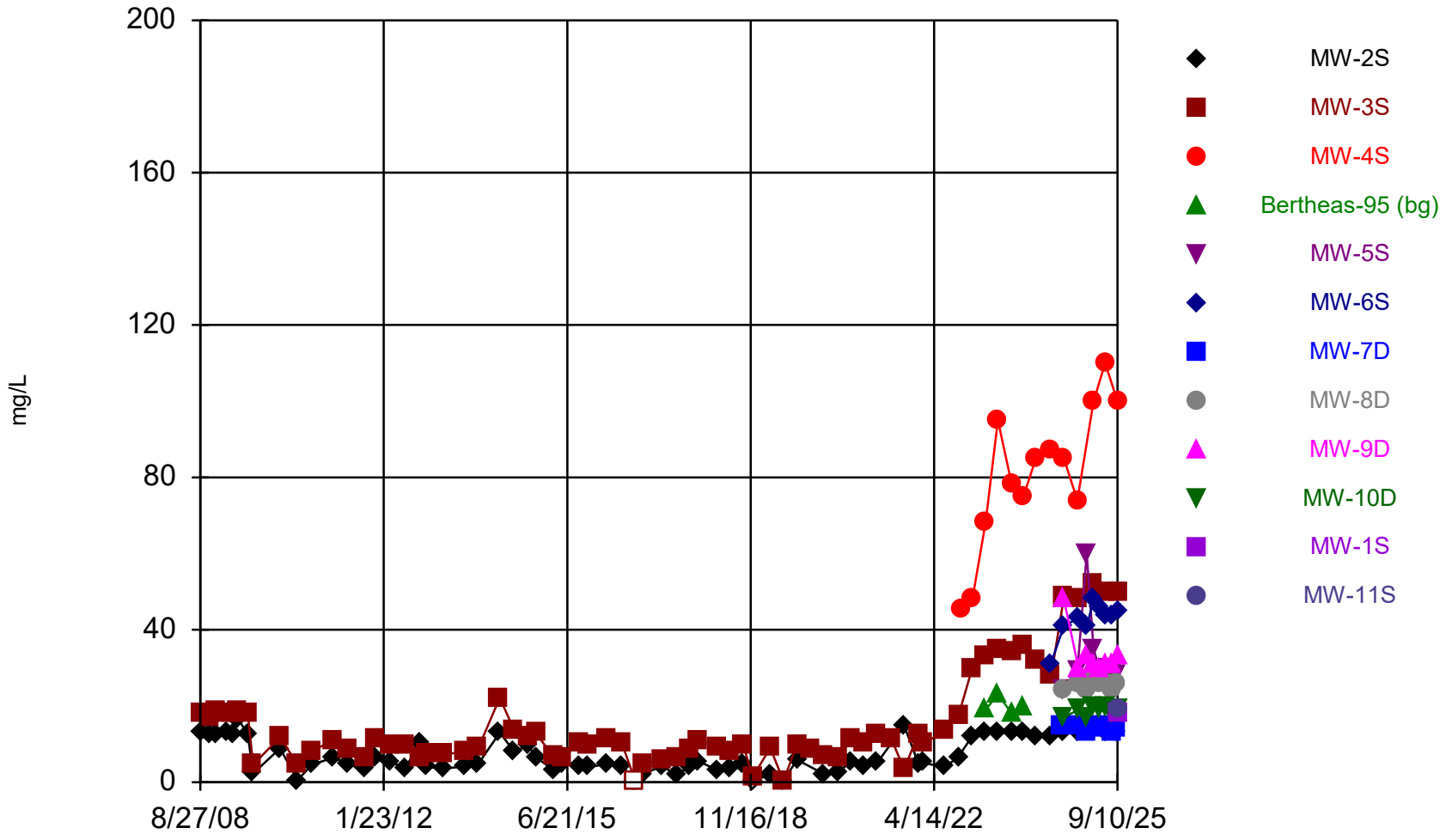
Hollow symbols indicate censored values.

Time Series

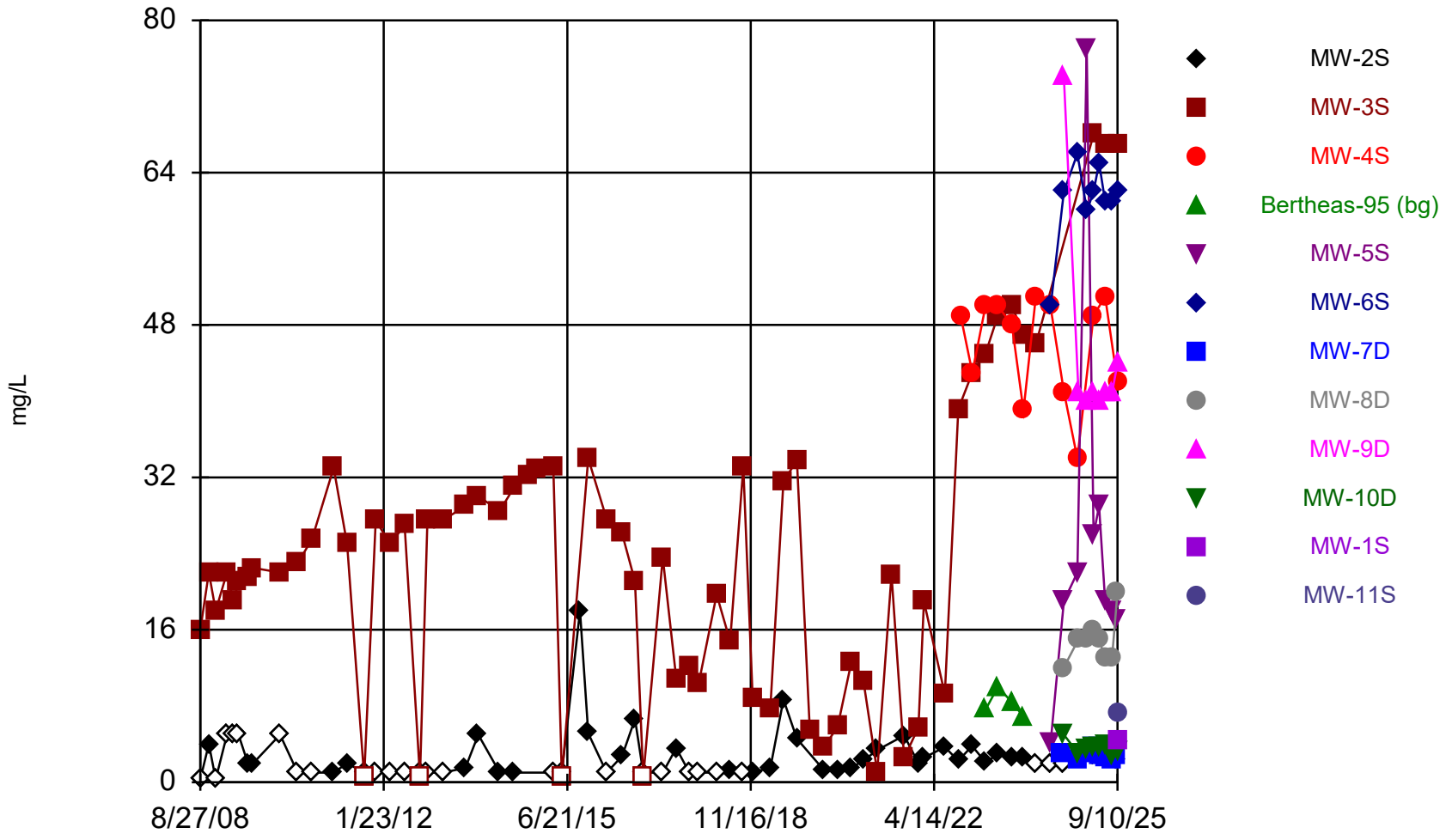


Constituent: Calcium, Dissolved Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

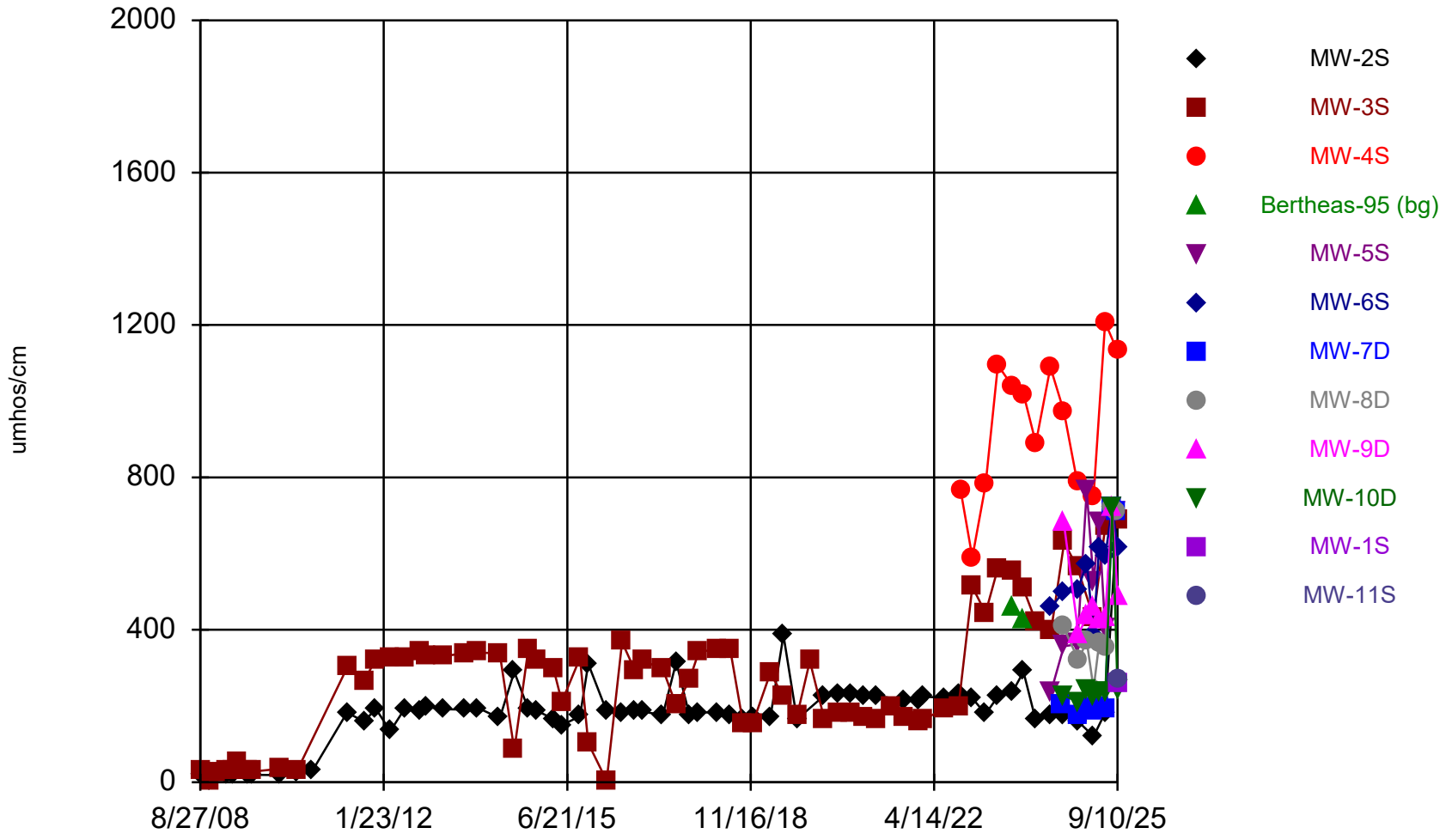
Time Series



Constituent: Chloride Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Time Series

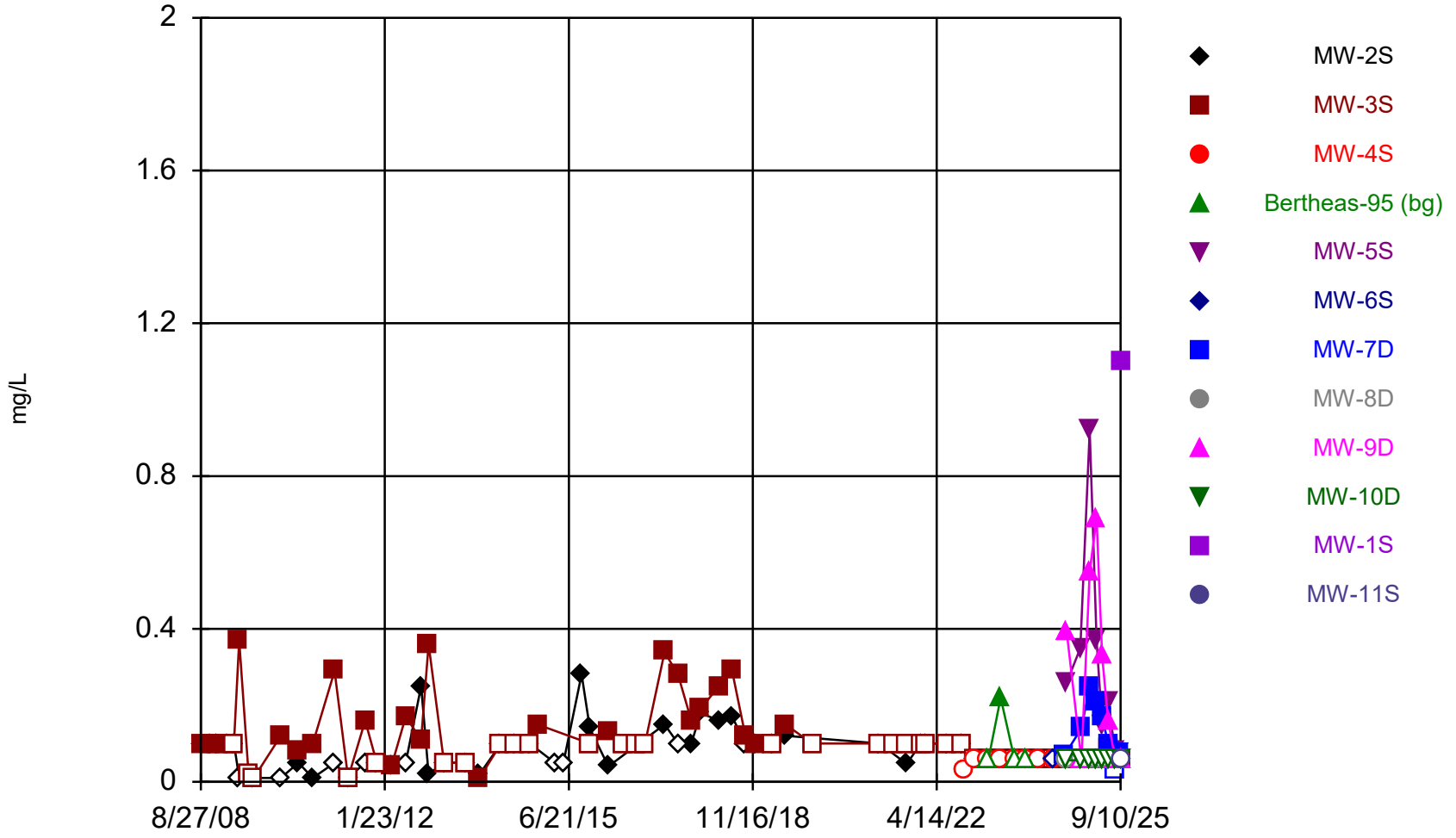


Constituent: Conductivity Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

Time Series

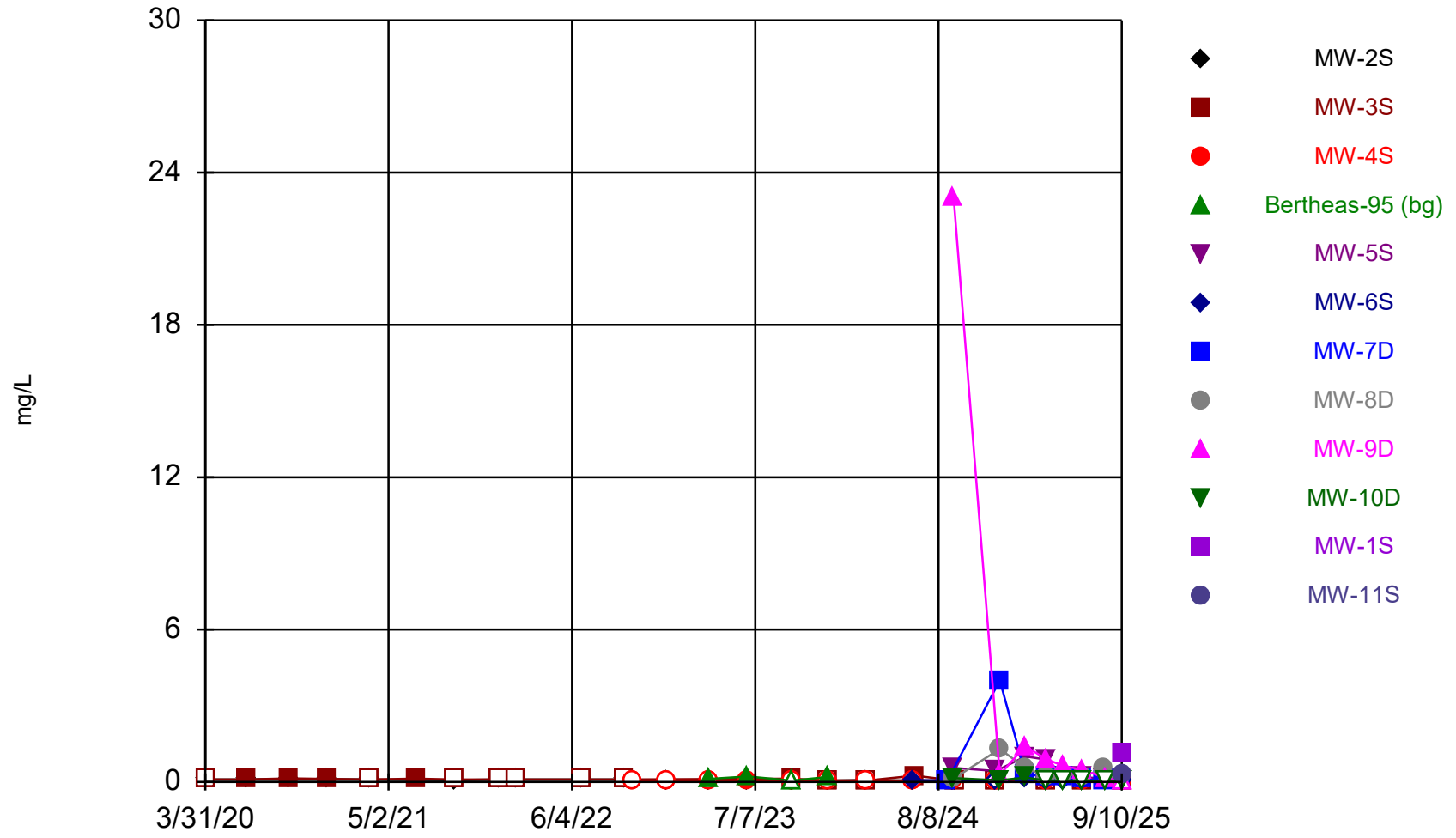


Constituent: Iron, Dissolved Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

Time Series



Constituent: Iron, Total Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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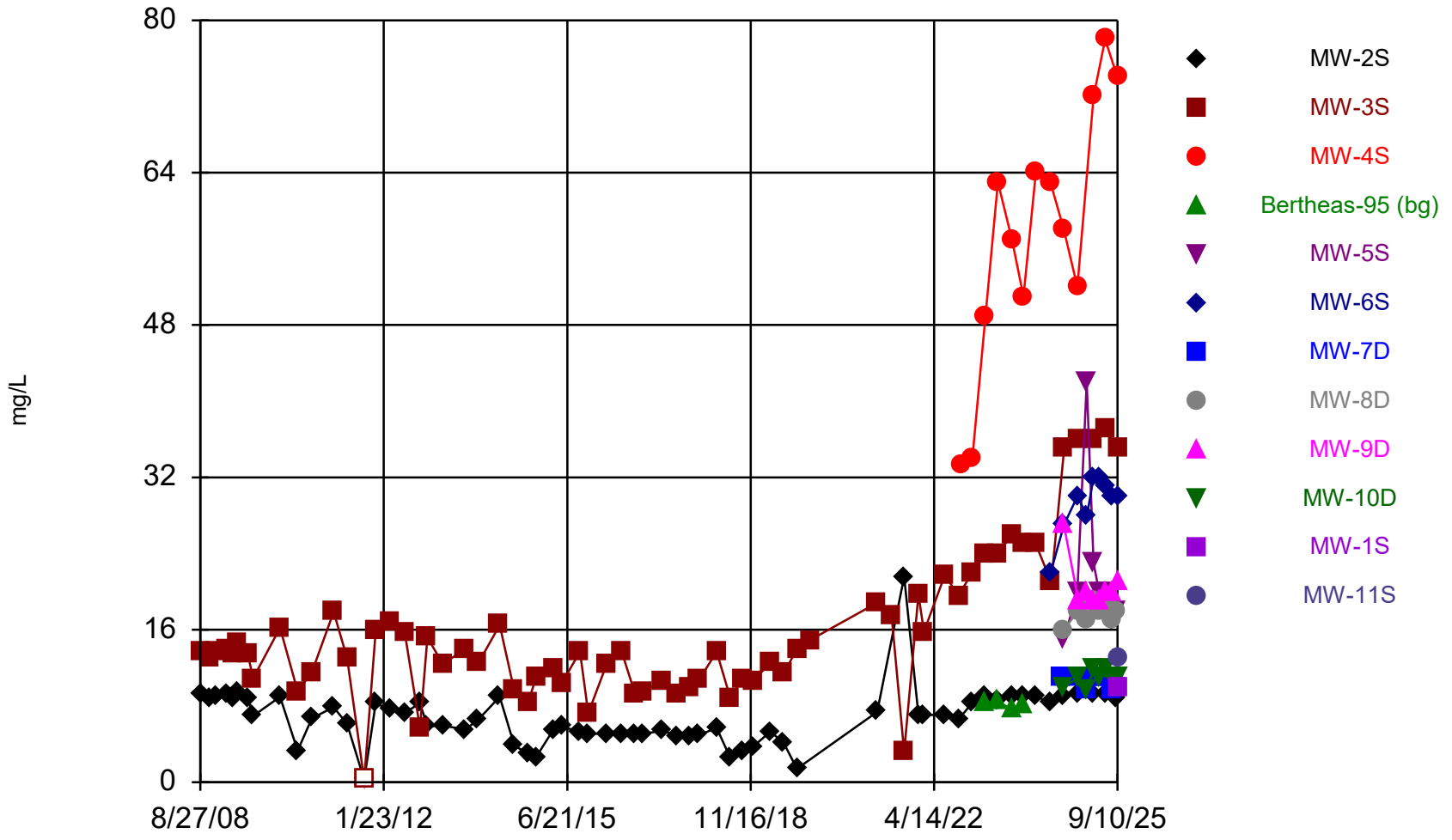
Hollow symbols indicate censored values.

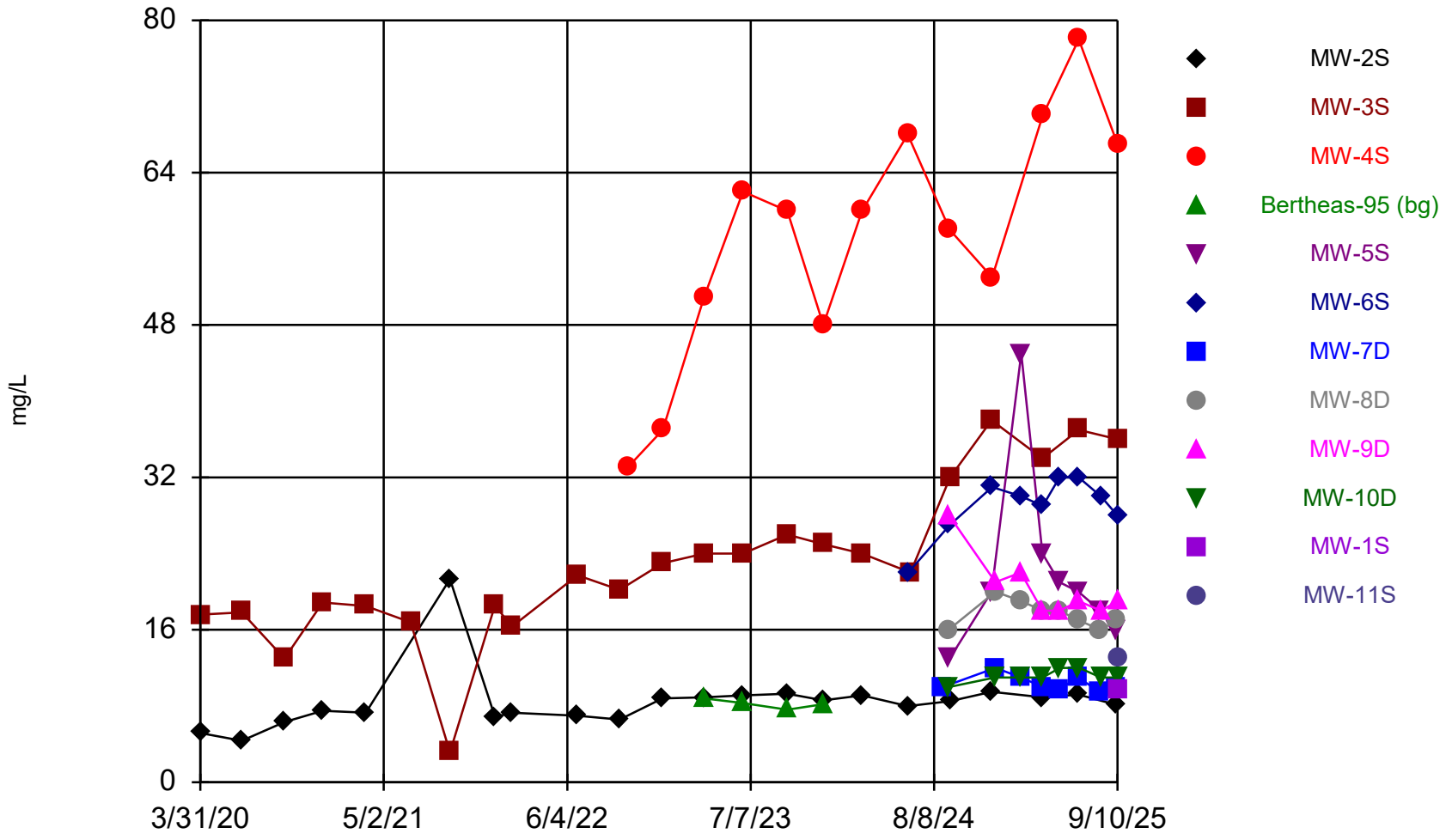
Time Series



Constituent: Magnesium, Dissolved Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Time Series

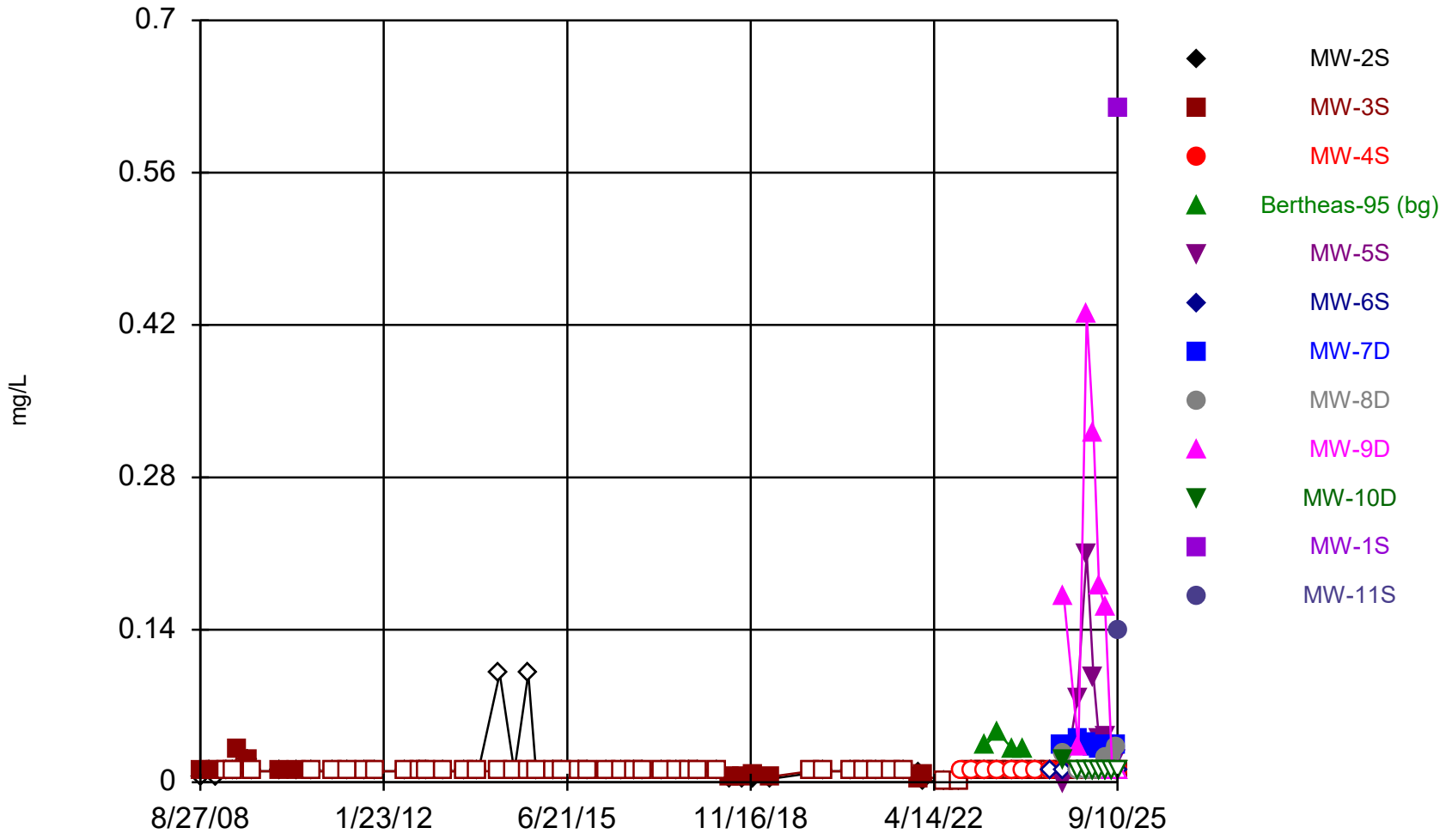


Constituent: Magnesium, Total Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

Time Series

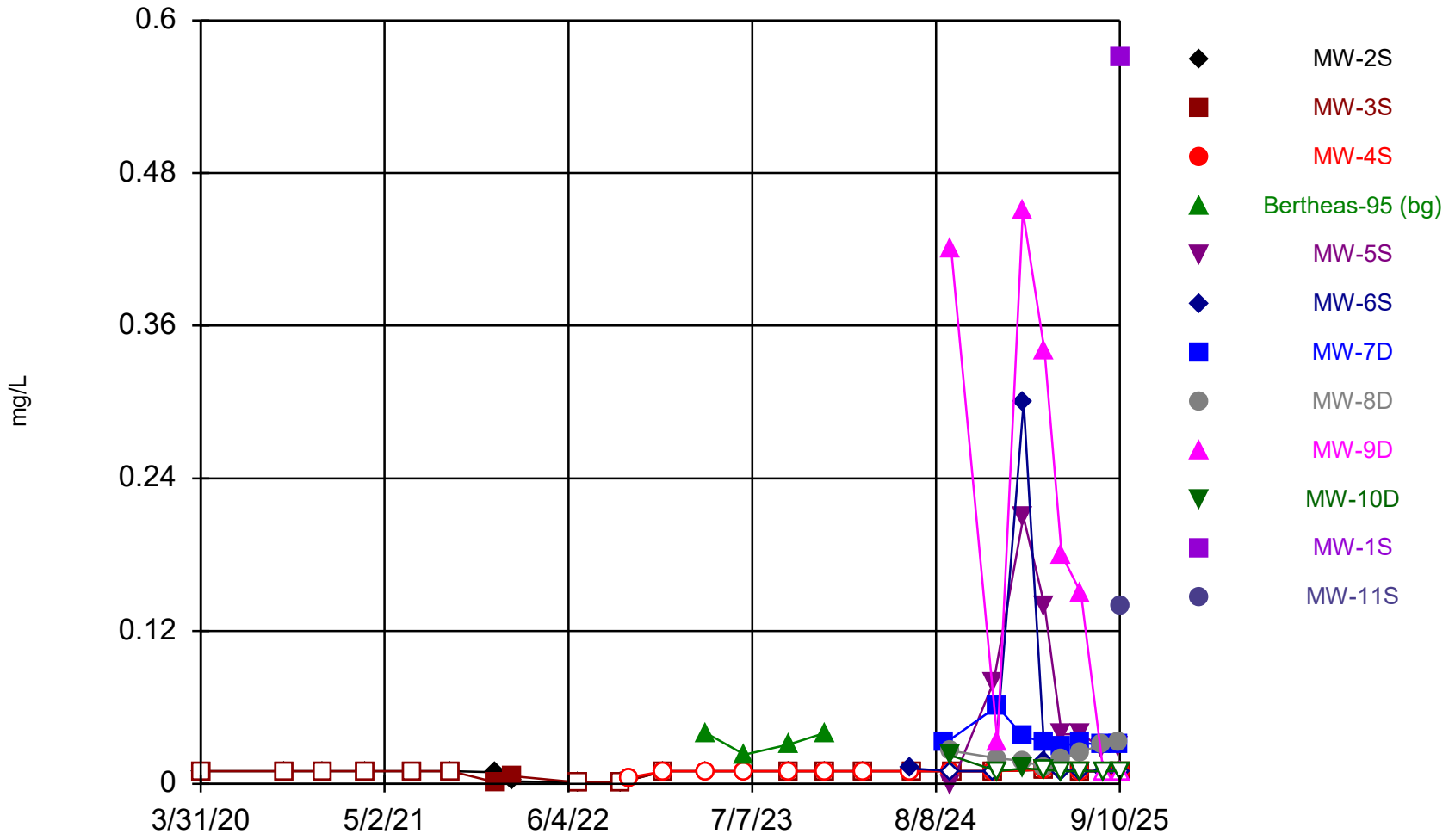


Constituent: Manganese, Dissolved Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

Time Series

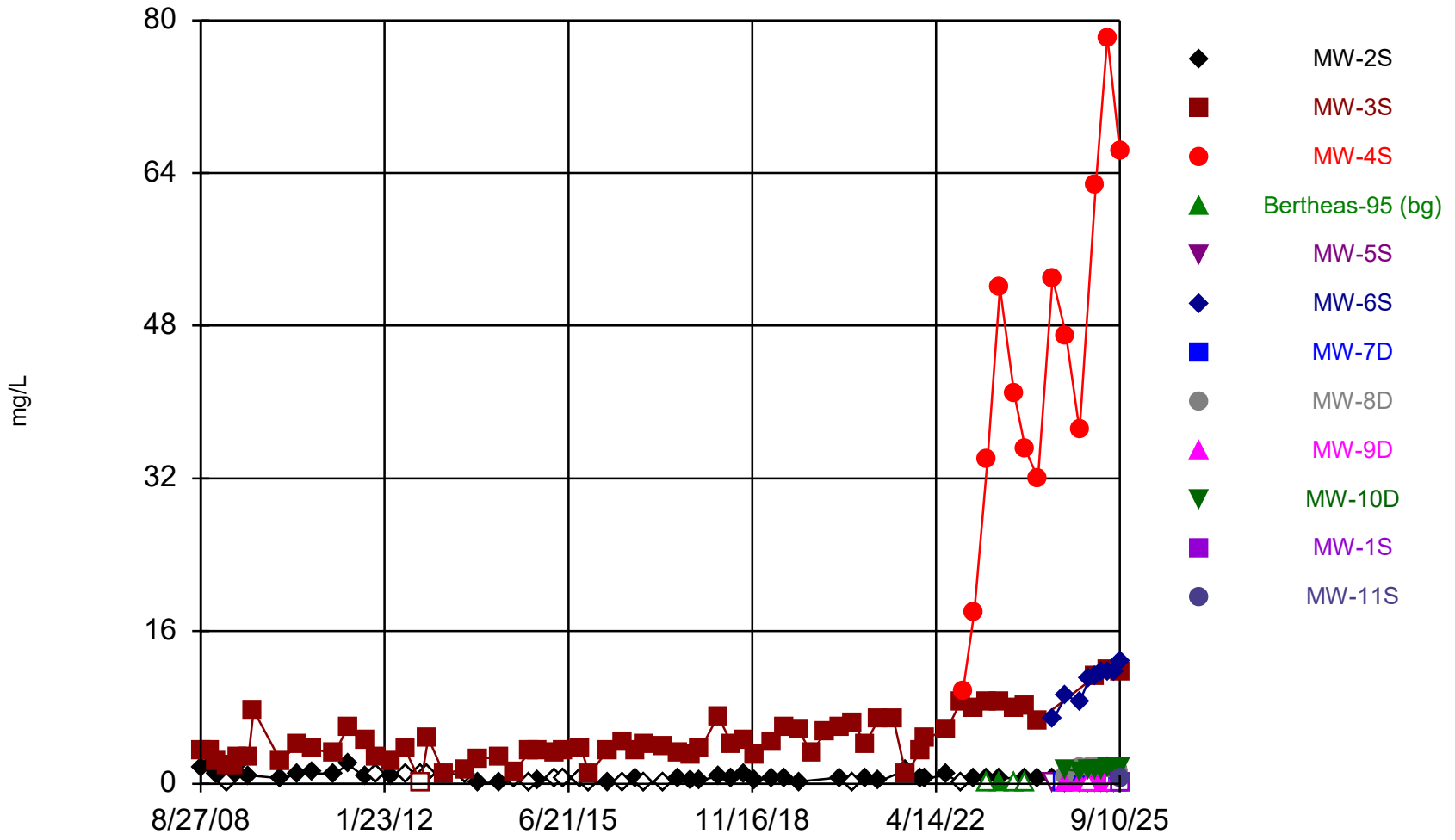


Constituent: Manganese, Total Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

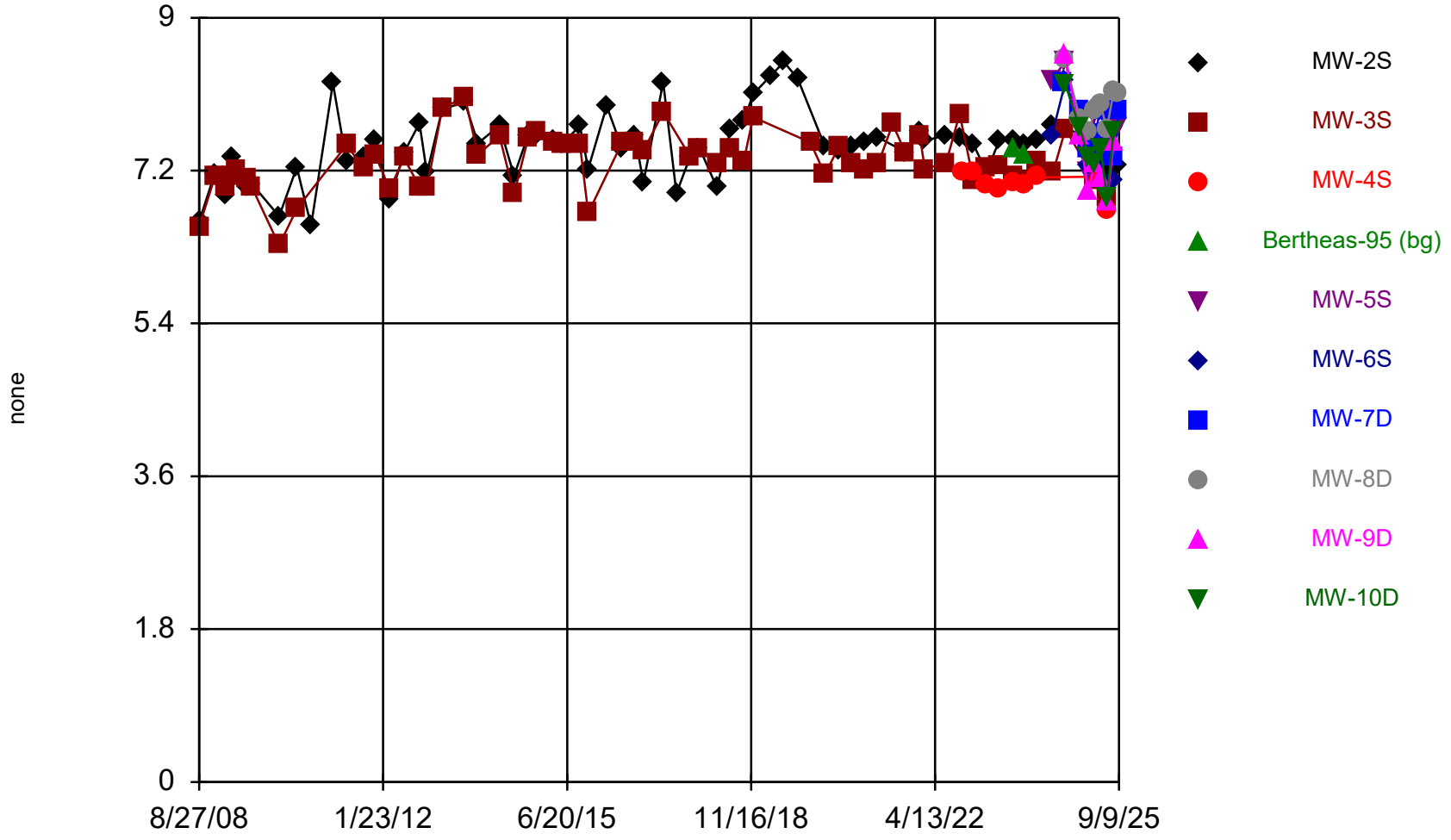
Time Series



Constituent: Nitrate Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Time Series

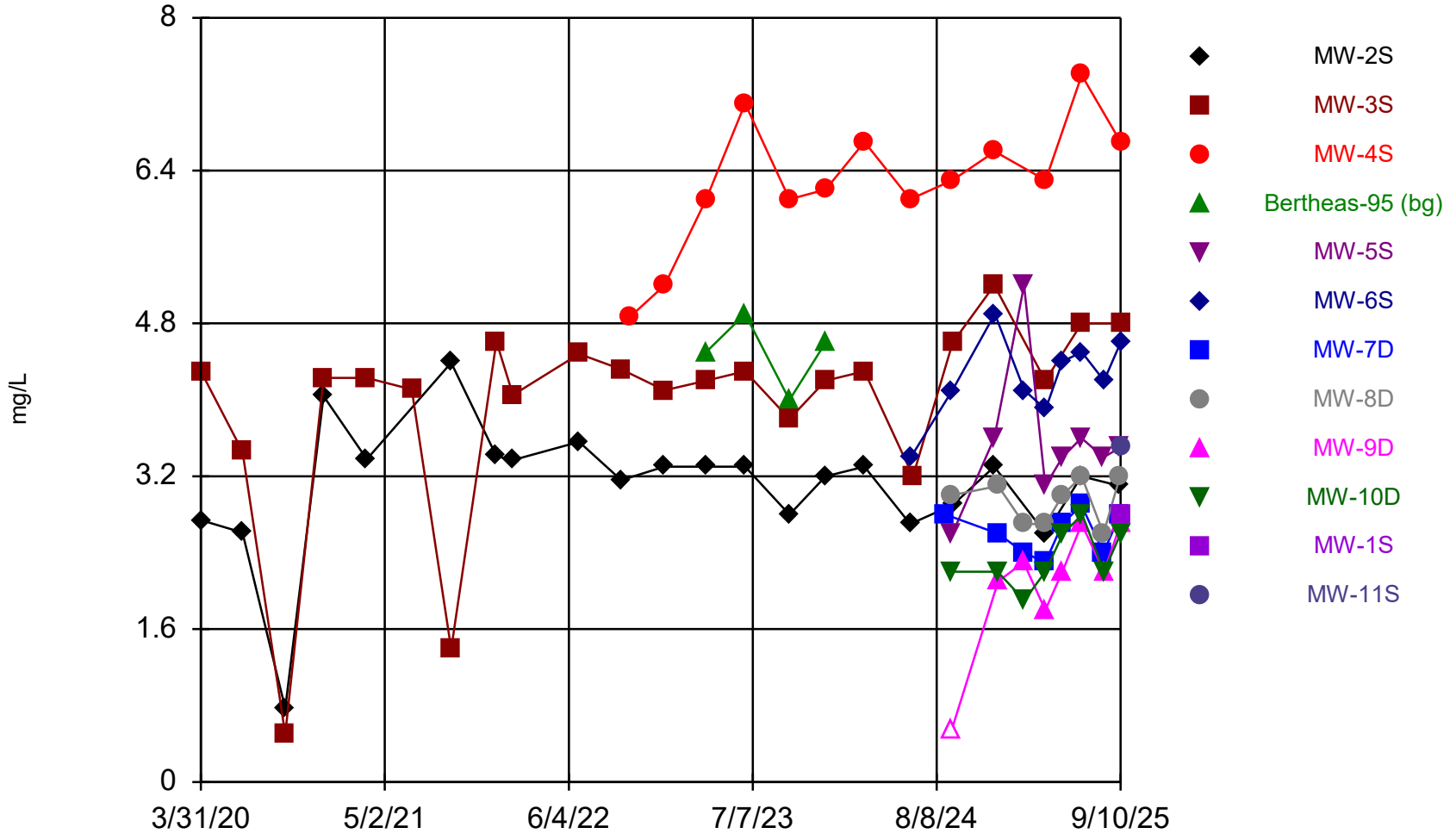


Constituent: pH Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

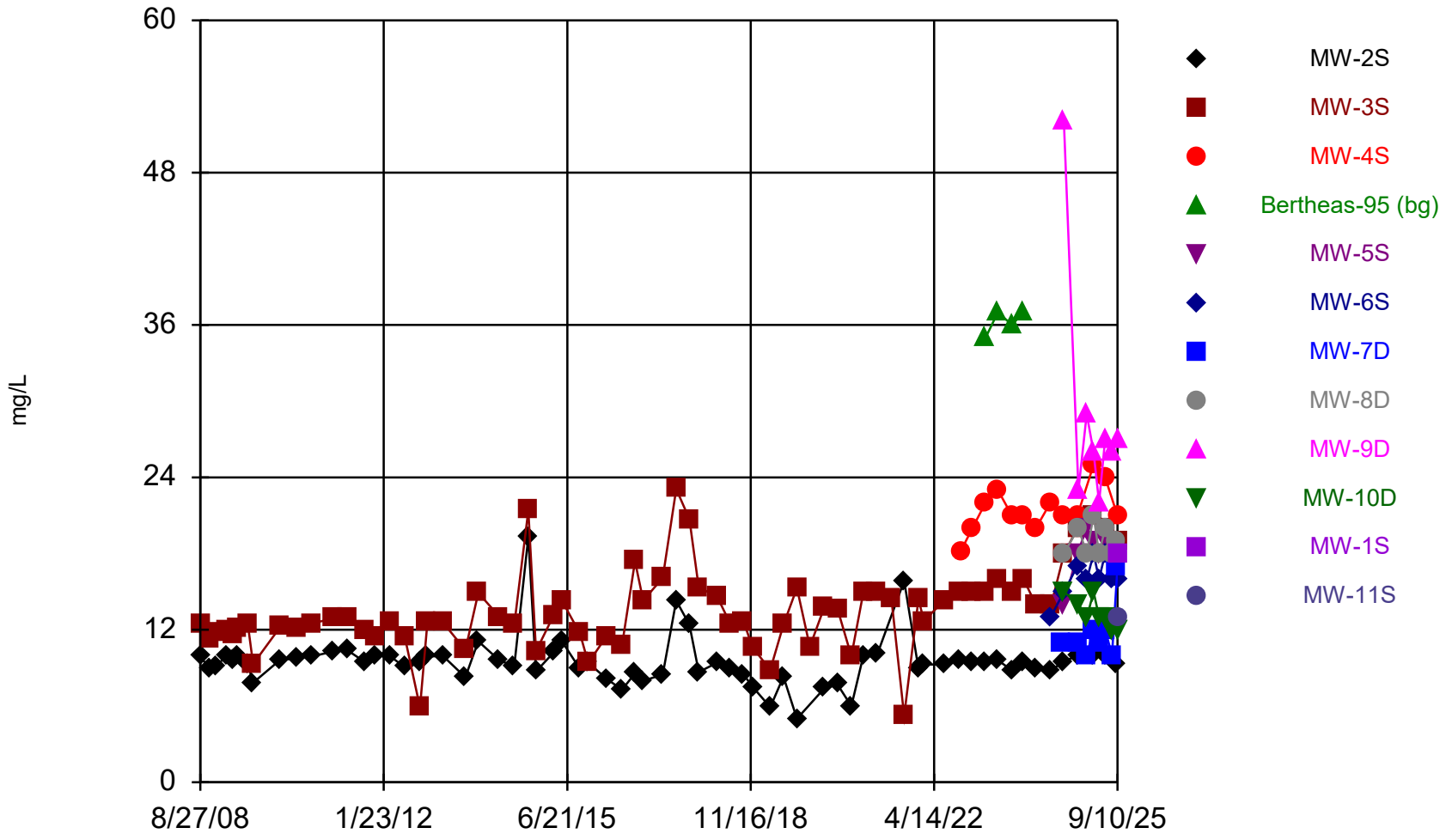
Time Series



Constituent: Potassium, Dissolved Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Time Series

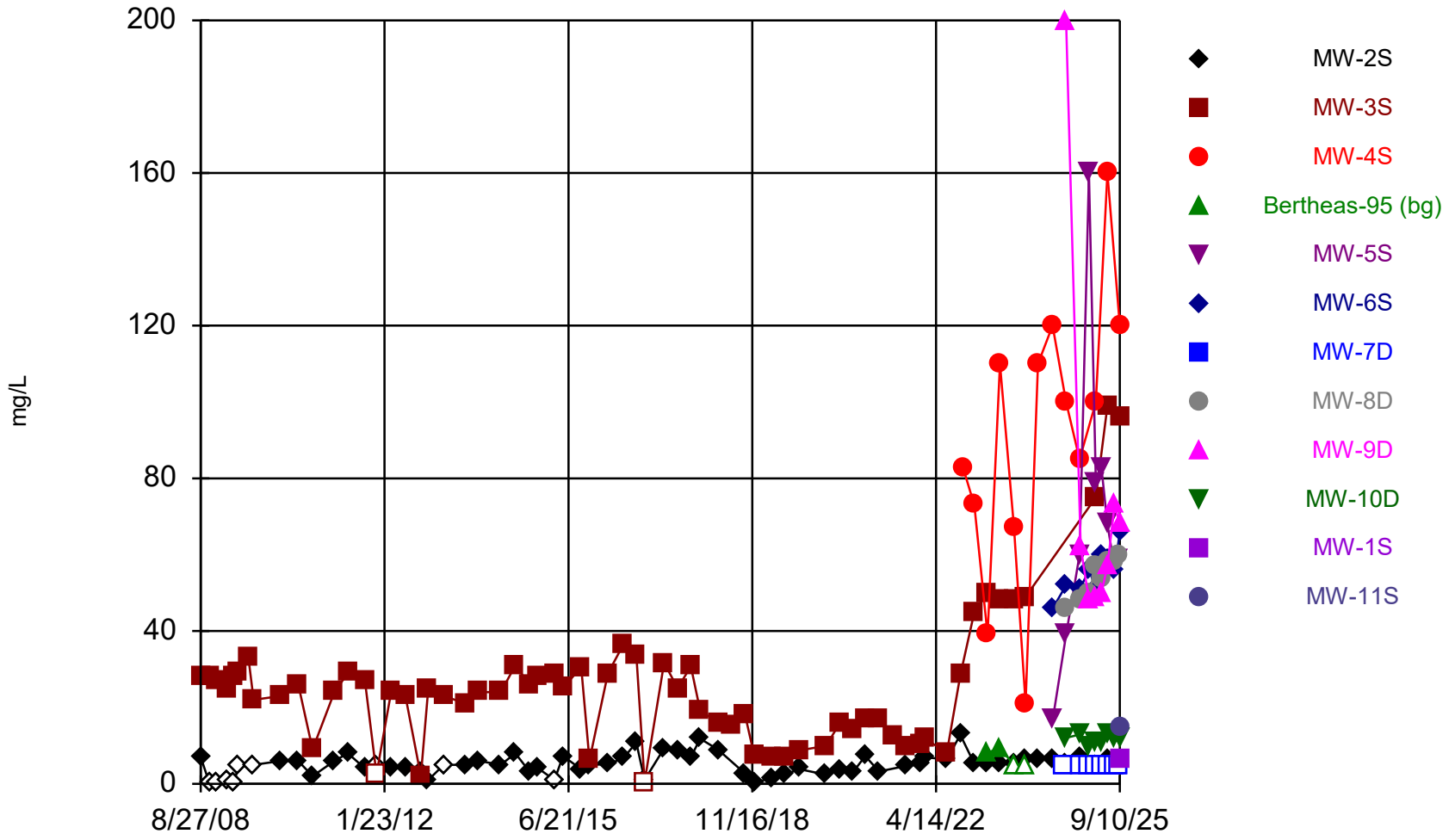


Constituent: Sodium, Dissolved Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

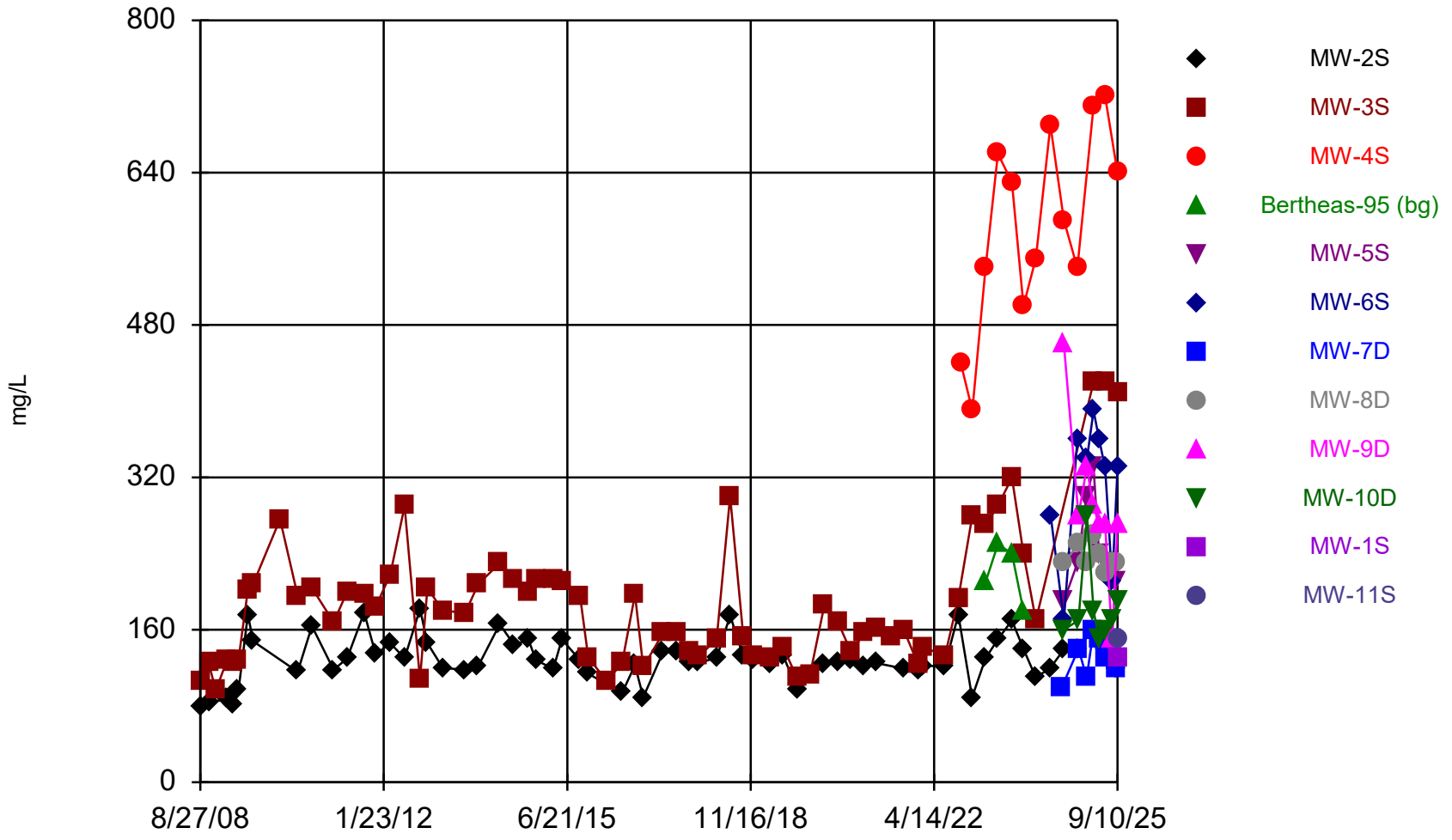
Time Series



Constituent: Sulfate Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Time Series

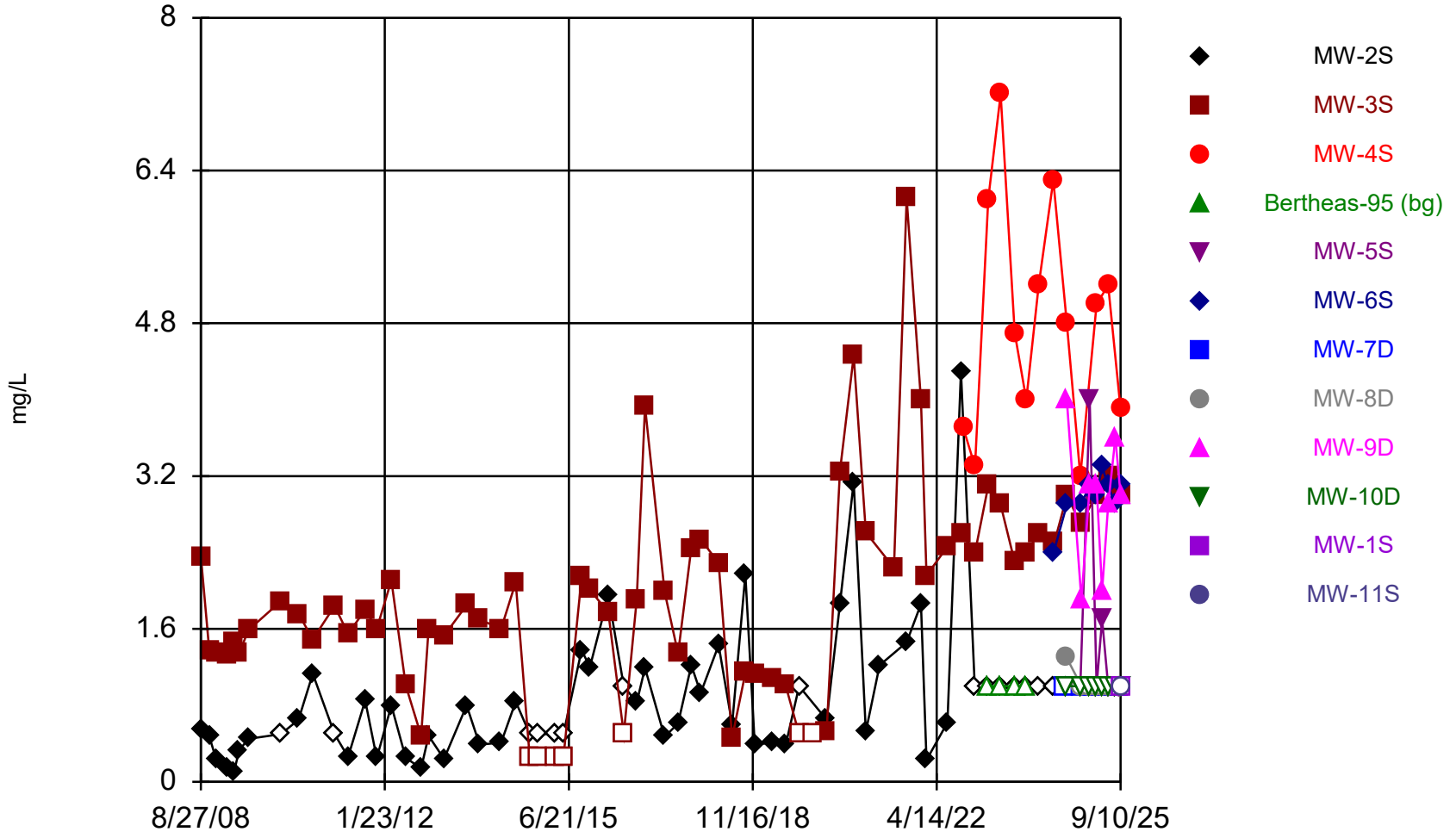


Constituent: TDS Analysis Run 11/24/2025 4:44 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

Time Series



Constituent: Total Organic Carbon Analysis Run 11/24/2025 4:45 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Appendix E

Geochemistry

Cation/Anion Balance Calculations, Rocky Top Environmental Limited Purpose Landfill, Third Quarter (A) 2025

	Conversion Factor[1] (mg/L to meq/L)	MW-5S			MW-6S			MW-7D			MW-8D			MW-9D			MW-10D		
		Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)
CATIONS																			
Na	0.0435	18	0.78	21.34	16	0.70	12.73	10	0.44	22.36	18	0.78	22.71	26	1.13	25.81	12	0.52	21.91
Ca	0.0499	28	1.40	38.07	44	2.20	40.15	13	0.65	33.34	24	1.20	34.73	31	1.55	NA	18	0.90	NA
Mg	0.08229	17	1.40	38.12	30	2.47	45.14	9.7	0.80	41.03	17	1.40	40.57	20	1.65	NA	11	0.91	NA
Fe(+2)	0.03581	0.081	0.00	0.08	0.028	0.00	0.02	0.028	0.00	0.05	0.028	0.00	0.03	0.028	0.00	0.06	0.028	0.00	0.05
K	0.02558	3.4	0.09	2.37	4.2	0.11	1.96	2.4	0.06	3.16	2.6	0.07	1.93	2.2	0.06	3.70	2.2	0.06	22.52
Mn	0.0364	0.025	0.00	0.02	0.0055	0.00	0.00	0.031	0.00	0.06	0.024	0.00	0.03	0.0055	0.00	0.02	0.0055	0.00	0.25
		TOTAL	3.67	100.00	TOTAL	5.47	100.00	TOTAL	1.95	100.00	TOTAL	3.45	100.00	TOTAL	4.38	29.59	TOTAL	2.38	44.73
ANIONS																			
HCO_3[2]	0.02	110	2.20	56.39	92	1.84	33.08	96	1.92	93.80	94	1.88	52.81	88	1.76	39.61	100	2.00	83.40
SO_4	0.02082	57	1.19	30.42	56	1.17	20.96	2.5	0.05	2.54	58	1.21	33.92	73	1.52	34.20	12	0.25	10.42
Cl	0.02821	18	0.51	13.01	61	1.72	30.94	2.4	0.07	3.31	13	0.37	10.30	41	1.16	26.03	2.8	0.08	3.29
CO_3[2]	0.02	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
NO_3[3]	0.0714	0.100	0.01	0.18	11.7	0.84	15.02	0.100	0.01	0.35	1.48	0.11	2.97	0.100	0.01	0.16	0.970	0.07	2.89
		TOTAL	3.90	100.00	TOTAL	5.56	100.00	TOTAL	2.05	100.00	TOTAL	3.56	100.00	TOTAL	4.44	100.00	TOTAL	2.40	100.00
anion + cation Sum (meq/L)			7.57			11.03			3.99			7.01			8.82			4.78	
(meq/L cations-anions)/(meq/L cations+anions)*100				-3.06			-0.84			-2.54			-1.60			-0.71			-0.32

[1]Reference: Hem 1985.

[2]HCO_3 and CO_3 reported as $CaCO_3$, conversion factor adjusted accordingly.

[3]NO_3 reported as NO_3-N, conversion factor adjusted accordingly.

[ ] = Outside WAC 173-351-420(5)(a) acceptable range

+/-5 percent (for anion plus cation sums greater than 5 meq/L), or

+/-10 percent (for anion plus cation sums less than 5 meq/L)

Note: Values for cations in groundwater samples are measured as dissolved (field-filtered).

5 percent if anion plus cation sum greater than 5 meq/L; 10 percent if anion plus cation sum less than 5 meq/L

Cation/Anion Balance Calculations, Rocky Top Environmental Limited Purpose Landfill, Third Quarter (B) 2025

	Conversion Factor[1] (mg/L to meq/L)	MW-1S			MW-2S			MW-3S			MW-4S			MW-5S			MW-6S		
		Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)
CATIONS																			
Na	0.0435	18	0.78	29.69	9.2	0.40	21.59	19	0.83	13.07	21	0.91	7.51	17	0.74	19.93	16	0.70	12.59
Ca	0.0499	18	0.90	34.05	13	0.65	35.00	50	2.50	39.44	100	4.99	41.02	28	1.40	37.65	45	2.25	40.61
Mg	0.08229	10	0.82	31.20	8.8	0.72	39.07	35	2.88	45.53	74	6.09	50.05	18	1.48	39.92	30	2.47	44.65
Fe(+2)	0.03581	1.1	0.04	1.49	0.028	0.00	0.05	0.028	0.00	0.02	0.028	0.00	0.01	0.073	0.00	0.07	0.028	0.00	0.02
K	0.02558	2.8	0.07	2.72	3.1	0.08	4.28	4.8	0.12	1.94	6.7	0.17	1.41	3.5	0.09	2.41	4.6	0.12	2.13
Mn	0.0364	0.62	0.02	0.86	0.0055	0.00	0.01	0.0055	0.00	0.00	0.0055	0.00	0.00	0.021	0.00	0.02	0.0055	0.00	0.00
		TOTAL	2.64	100.00	TOTAL	1.85	100.00	TOTAL	6.33	100.00	TOTAL	12.17	100.00	TOTAL	3.71	100.00	TOTAL	5.53	100.00
ANIONS																			
HCO_3^2	0.02	120	2.40	90.21	82	1.64	87.49	100	2.00	29.78	160	3.20	27.55	110	2.20	56.05	88	1.76	30.36
SO_4	0.02082	6.2	0.13	4.85	5.5	0.11	6.11	96	2.00	29.76	120	2.50	21.51	59	1.23	31.30	66	1.37	23.70
Cl	0.02821	4.4	0.12	4.67	2.4	0.07	3.61	67	1.89	28.14	42	1.18	10.20	17	0.48	12.22	62	1.75	30.17
CO_3^2	0.02	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
NO_3^3	0.0714	0.100	0.01	0.27	0.731	0.05	2.78	11.6	0.83	12.33	66.3	4.73	40.75	0.239	0.02	0.43	12.8	0.91	15.77
		TOTAL	2.66	100.00	TOTAL	1.87	100.00	TOTAL	6.72	100.00	TOTAL	11.62	100.00	TOTAL	3.93	100.00	TOTAL	5.80	100.00
anion + cation Sum (meq/L)			5.30			3.73			13.04			23.78			7.64			11.33	
(meq/L cations-anions)/(meq/L cations+anions)*100				-0.43			-0.56			-3.00			2.31			-2.81			-2.37

Cation/Anion Balance Calculations, Rocky Top Environmental Limited Purpose Landfill, Third Quarter (B) 2025

	Conversion Factor[1] (mg/L to meq/L)	MW-11S			MW-7D			MW-8D			MW-9D			MW-10D		
		Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)
CATIONS																
Na	0.0435	13	0.57	21.11	17	0.74	31.65	19	0.83	22.40	27	1.17	25.42	12	0.52	21.37
Ca	0.0499	19	0.95	35.39	14	0.70	29.90	26	1.30	35.17	33	1.65	35.65	19	0.95	38.81
Mg	0.08229	13	1.07	39.93	10	0.82	35.22	18	1.48	40.15	21	1.73	37.41	11	0.91	37.05
Fe(+2)	0.03581	0.028	0.00	0.04	0.077	0.00	0.12	0.028	0.00	0.03	0.028	0.00	0.02	0.028	0.00	0.04
K	0.02558	3.5	0.09	3.34	2.8	0.07	3.07	3.2	0.08	2.22	2.7	0.07	1.50	2.6	0.07	2.72
Mn	0.0364	0.14	0.01	0.19	0.034	0.00	0.05	0.033	0.00	0.03	0.0055	0.00	0.00	0.0055	0.00	0.01
		TOTAL	2.68	100.00	TOTAL	2.34	100.00	TOTAL	3.69	100.00	TOTAL	4.62	100.00	TOTAL	2.44	100.00
ANIONS																
HCO_3[2]	0.02	110	2.20	79.86	100	2.00	93.66	92	1.84	48.93	90	1.80	40.32	98	1.96	81.09
SO_4	0.02082	15	0.31	11.34	2.5	0.05	2.44	60	1.25	33.22	68	1.42	31.71	12	0.25	10.34
Cl	0.02821	7.2	0.20	7.37	2.7	0.08	3.57	20	0.56	15.00	44	1.24	27.80	3.3	0.09	3.85
CO_3[2]	0.02	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
NO_3[3]	0.0714	0.551	0.04	1.43	0.100	0.01	0.33	1.50	0.11	2.85	0.100	0.01	0.16	1.60	0.11	4.73
		TOTAL	2.75	100.00	TOTAL	2.14	100.00	TOTAL	3.76	100.00	TOTAL	4.46	100.00	TOTAL	2.42	100.00
anion + cation Sum (meq/L)			5.43			4.47			7.45			9.08			4.86	
(meq/L cations-anions)/(meq/L cations+anions)*100				-1.39			4.50			-0.96			1.71			0.53

[1]Reference: Hem 1985.

[2]HCO_3 and CO_3 reported as $CaCO_3$, conversion factor adjusted accordingly.

[3]NO_3 reported as NO_3-N, conversion factor adjusted accordingly.

[ ] = Outside WAC 173-351-420(5)(a) acceptable range

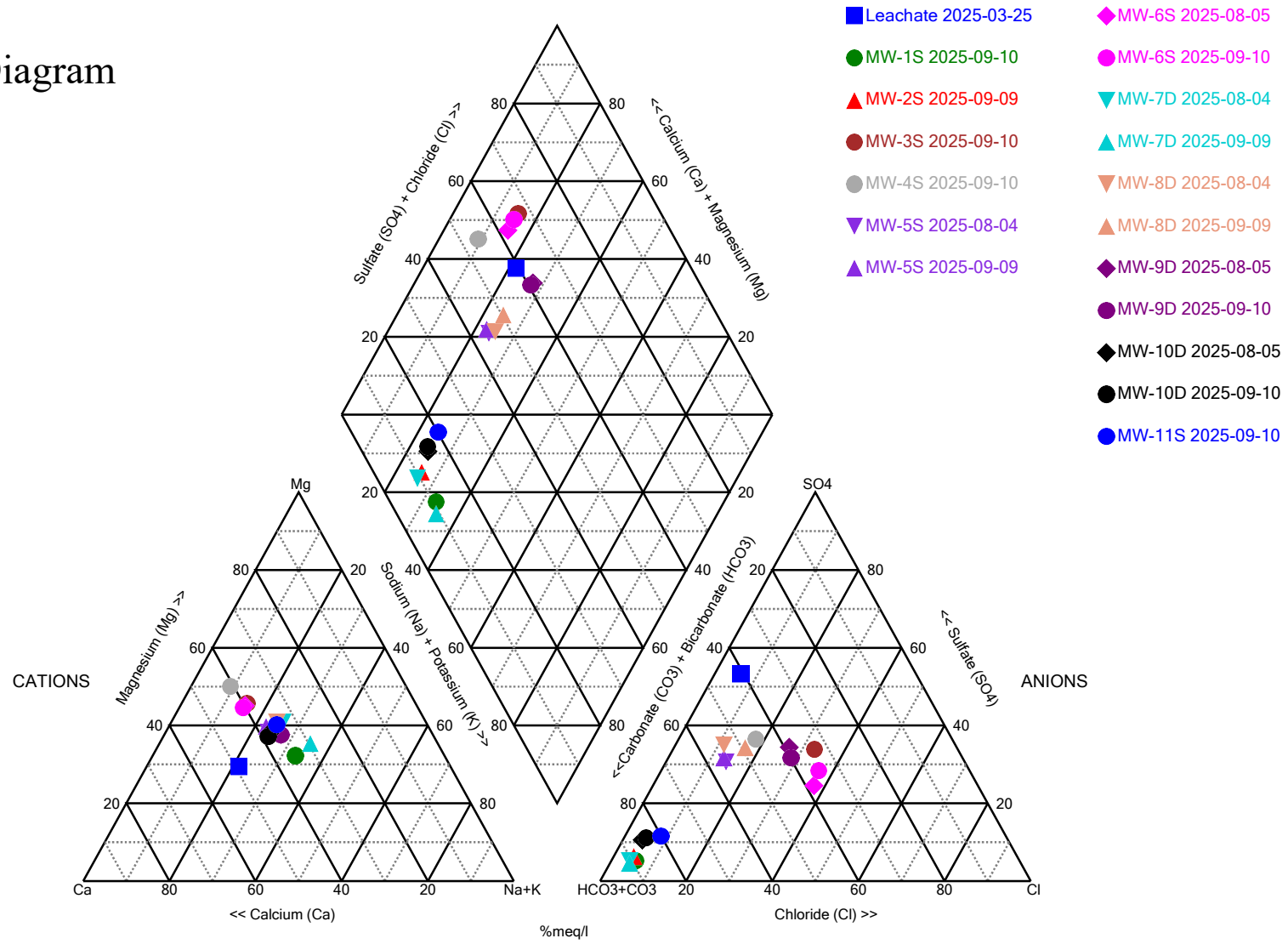
+/-5 percent (for anion plus cation sums greater than 5 meq/L), or

+/-10 percent (for anion plus cation sums less than 5 meq/L)

Note: Values for cations in groundwater samples are measured as dissolved (field-filtered).

5 percent if anion plus cation sum greater than 5 meq/L; 10 percent if anion plus cation sum less than 5 meq/L

Piper Diagram

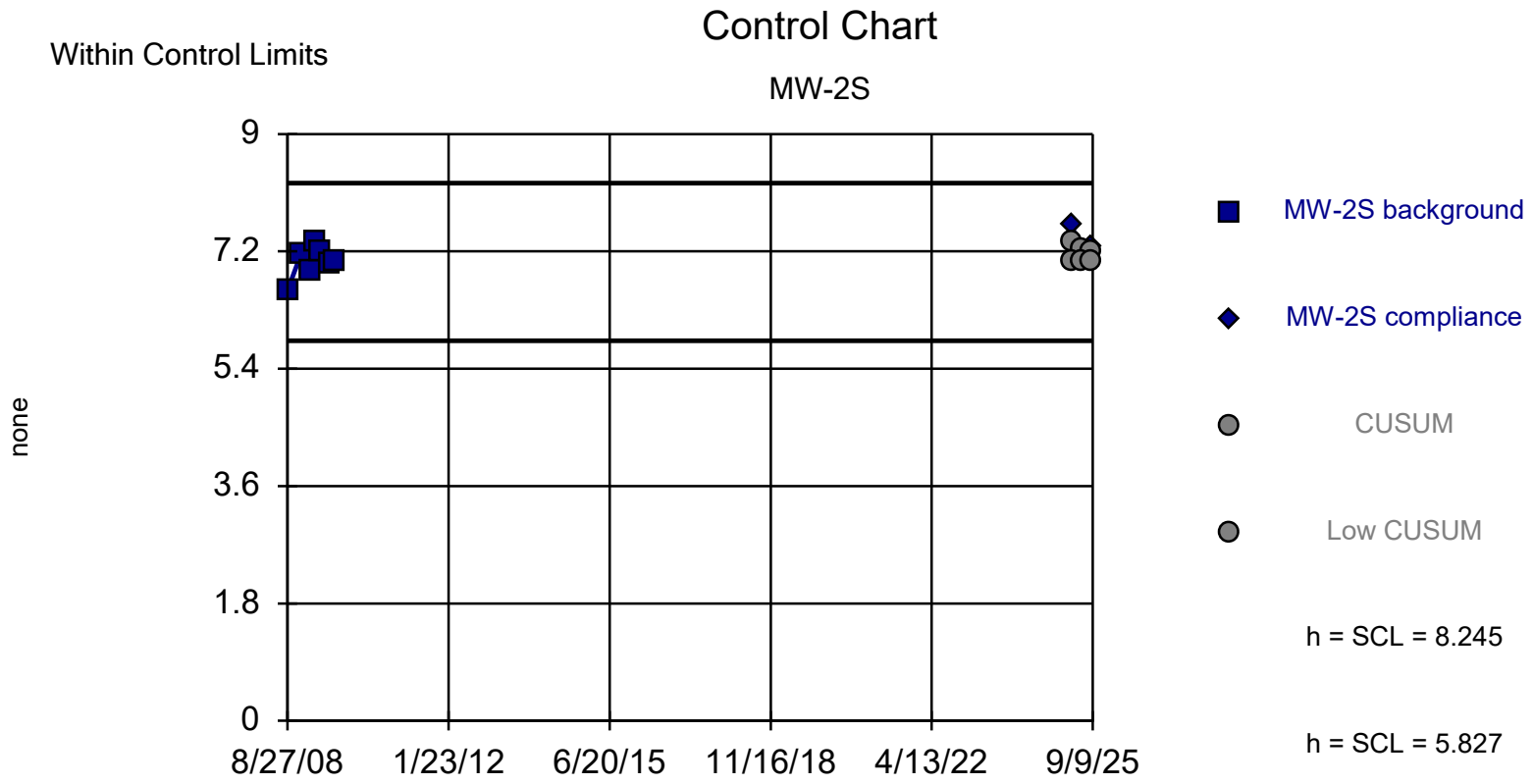


Analysis Run 10/22/2025 10:31 AM

Yakima Limited Purpose Landfill Client: DTG Data: DTG Piper

Appendix F

Statistics



Background Data Summary: Mean=7.036, Std. Dev.=0.2418, n=7. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9617, critical = 0.803. Report alpha = 0.004476. Dates ending 8/19/2009 used for control stats. Standardized h=5, SCL=5.

Constituent: pH Analysis Run 10/22/2025 1:21 PM View: 2025 Control Charts - 2008-2009 background

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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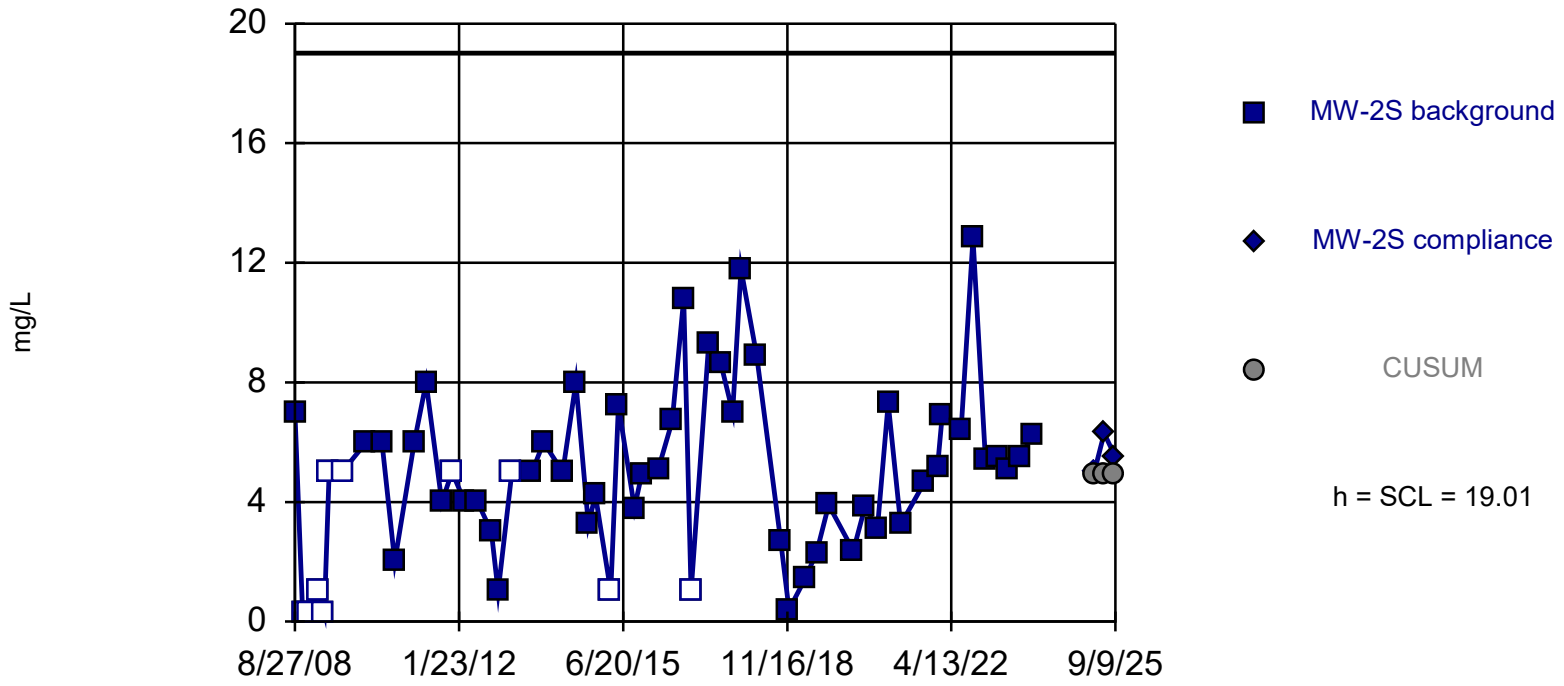
Hollow symbols indicate censored values.

Control Chart

Within Control Limits

MW-2S



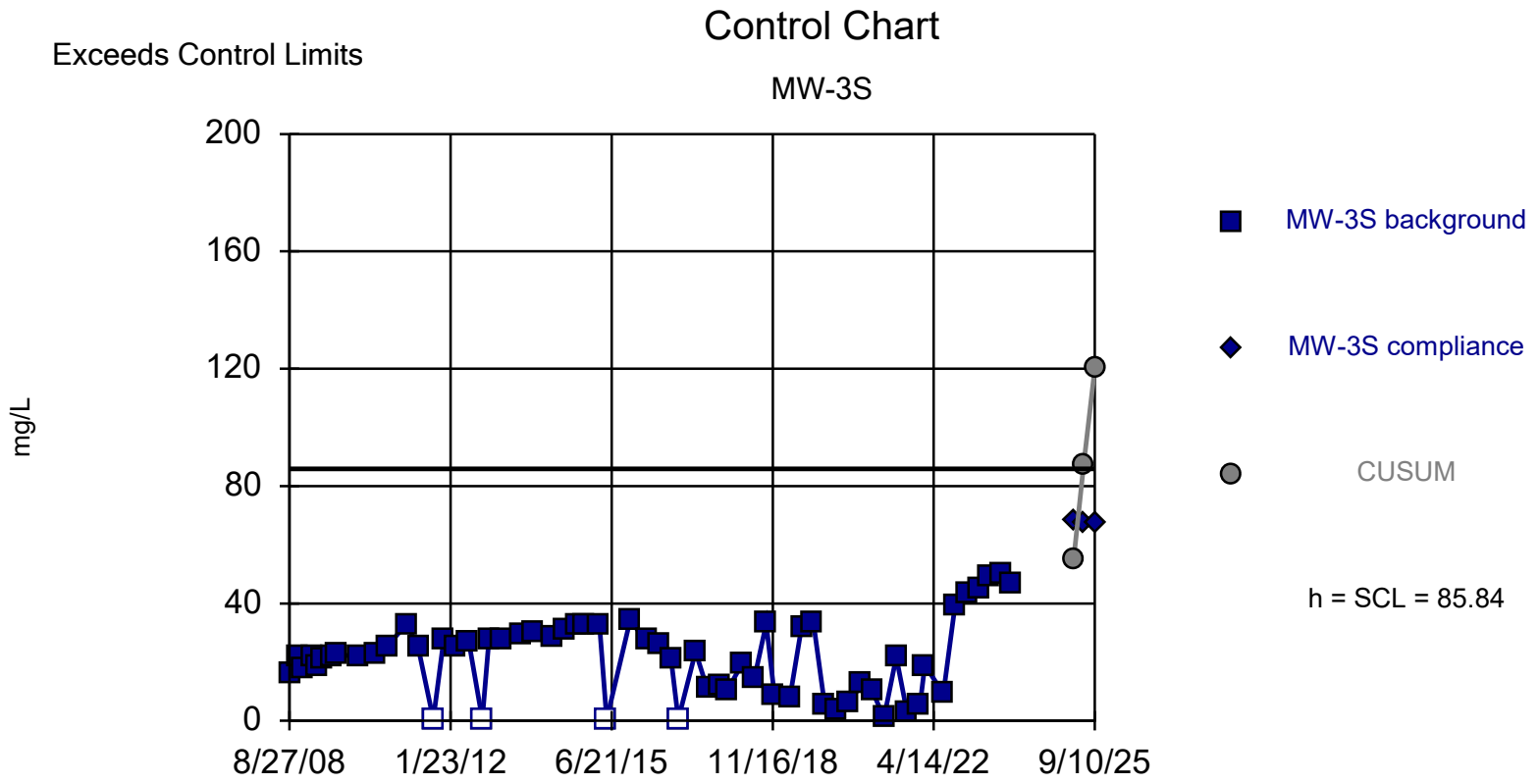
Background Data Summary: Mean=4.912, Std. Dev.=2.819, n=58, 17.24% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.05, calculated = 0.9674, critical = 0.961. Report alpha = 0.000022. Dates ending 12/12/2023 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 10/22/2025 1:15 PM View: 2025 Control Charts - 2008-2023 backgroun

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Hollow symbols indicate censored values.

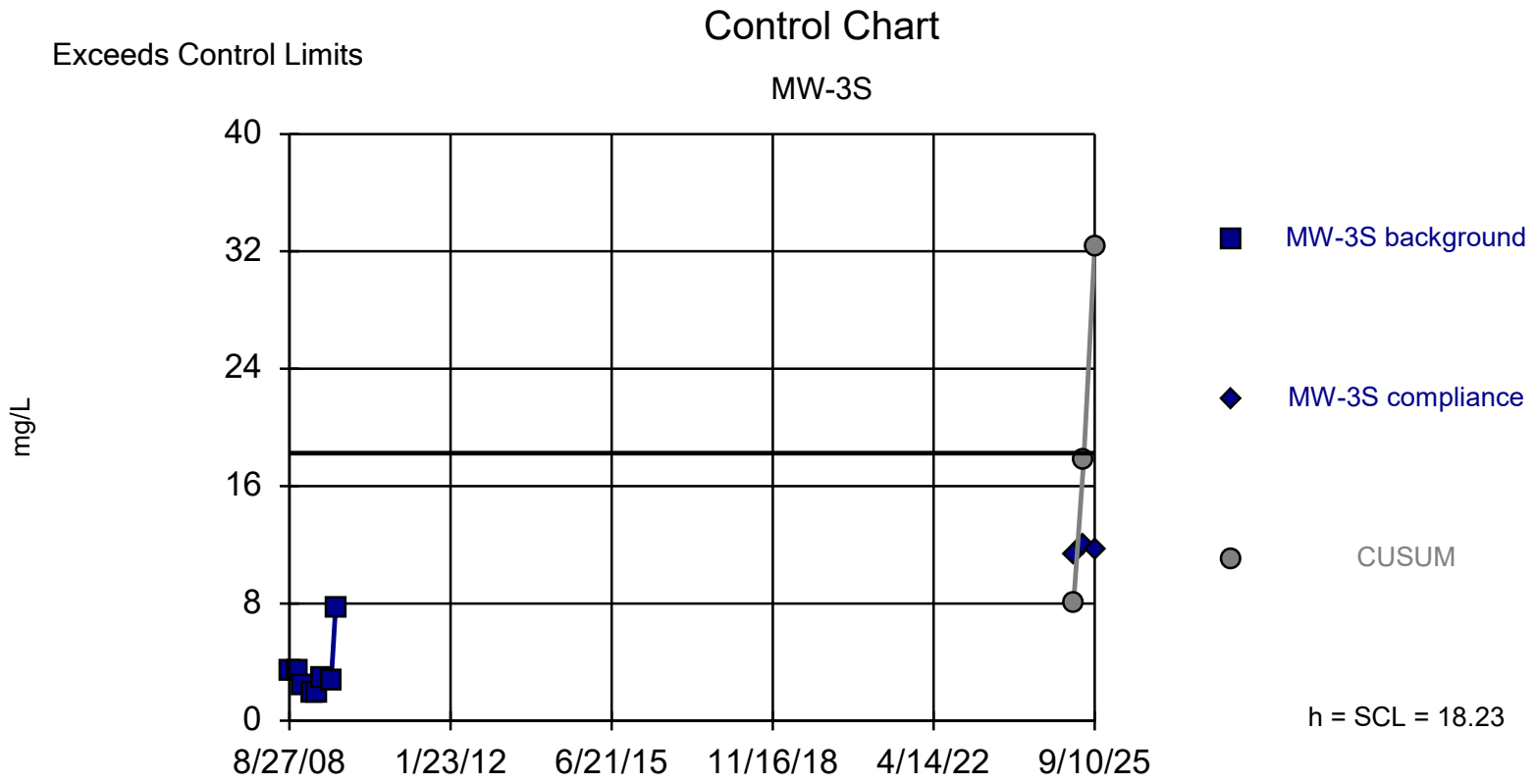
Exceeds Control Limits



Background Data Summary: Mean=21.8, Std. Dev.=12.81, n=61, 6.557% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.05, calculated = 0.977, critical = 0.962. Report alpha = 0.000016. Dates ending 12/12/2023 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 10/22/2025 1:15 PM View: 2025 Control Charts - 2008-2023 backgrou

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

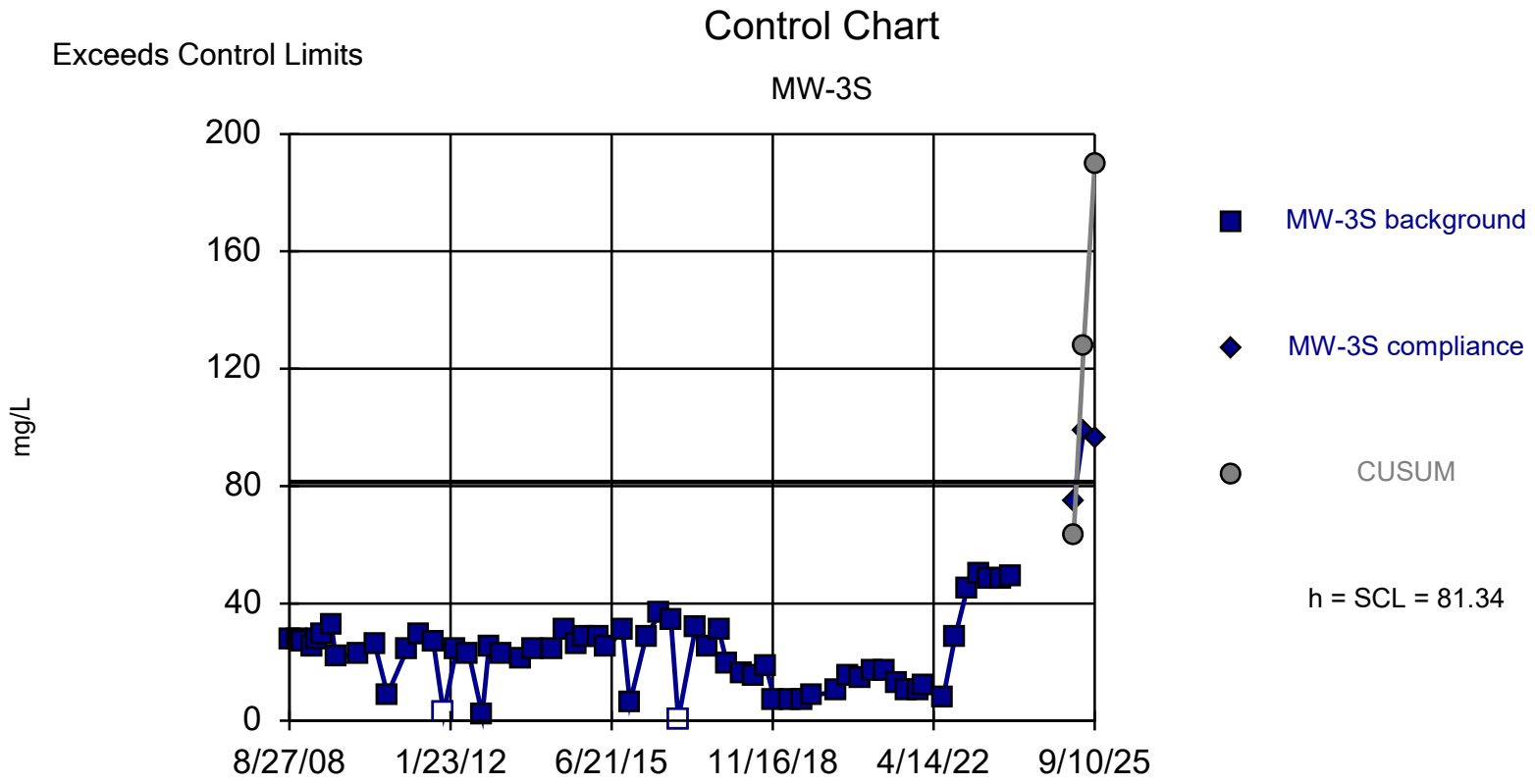


Background Data Summary (based on cube root transformation): Mean=1.453, Std. Dev.=0.2359, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8192, critical = 0.818. Report alpha = 0.003016. Dates ending 8/19/2009 used for control stats. Standardized h=5, SCL=5.

Constituent: Nitrate Analysis Run 10/22/2025 1:21 PM View: 2025 Control Charts - 2008-2009 backgroun

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

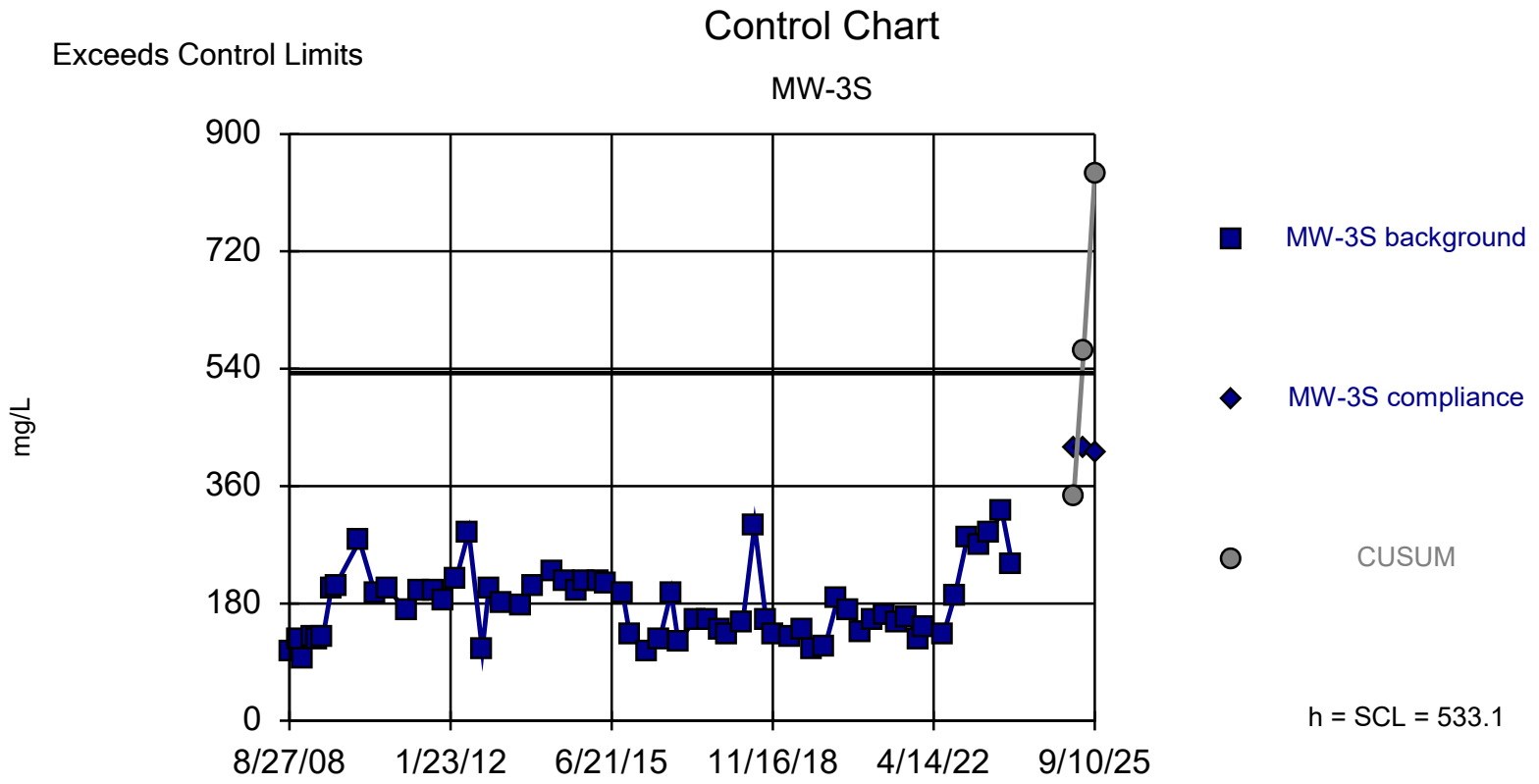
Hollow symbols indicate censored values.



Background Data Summary: Mean=22.68, Std. Dev.=11.73, n=61, 3.279% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.05, calculated = 0.9621, critical = 0.962. Report alpha = 0.000014. Dates ending 12/12/2023 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 10/22/2025 1:15 PM View: 2025 Control Charts - 2008-2023 backgroun

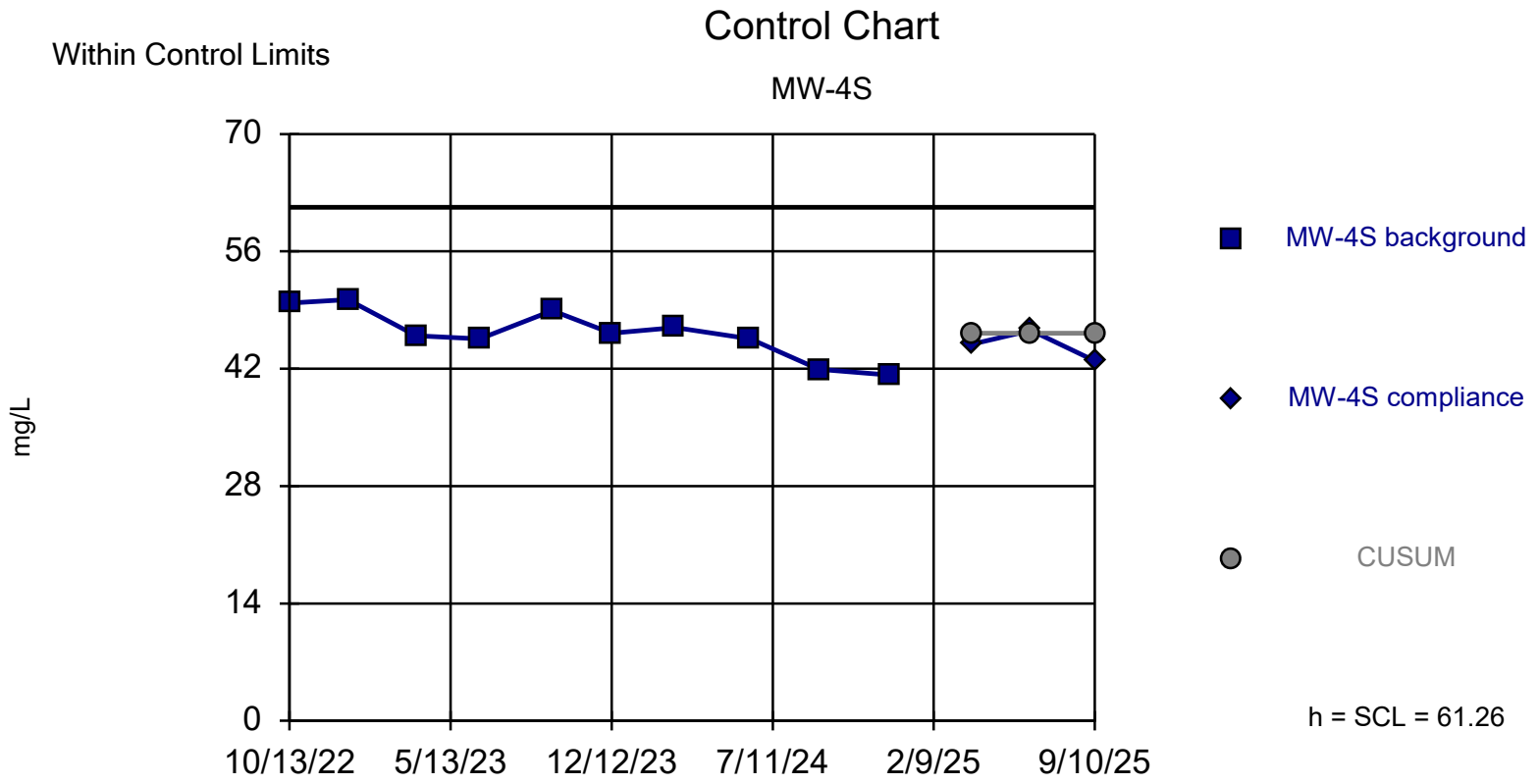
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary (based on square root transformation): Mean=13.18, Std. Dev.=1.982, n=62. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.05, calculated = 0.9641, critical = 0.963. Report alpha = 0.00001. Dates ending 12/12/2023 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 10/22/2025 1:15 PM View: 2025 Control Charts - 2008-2023 background

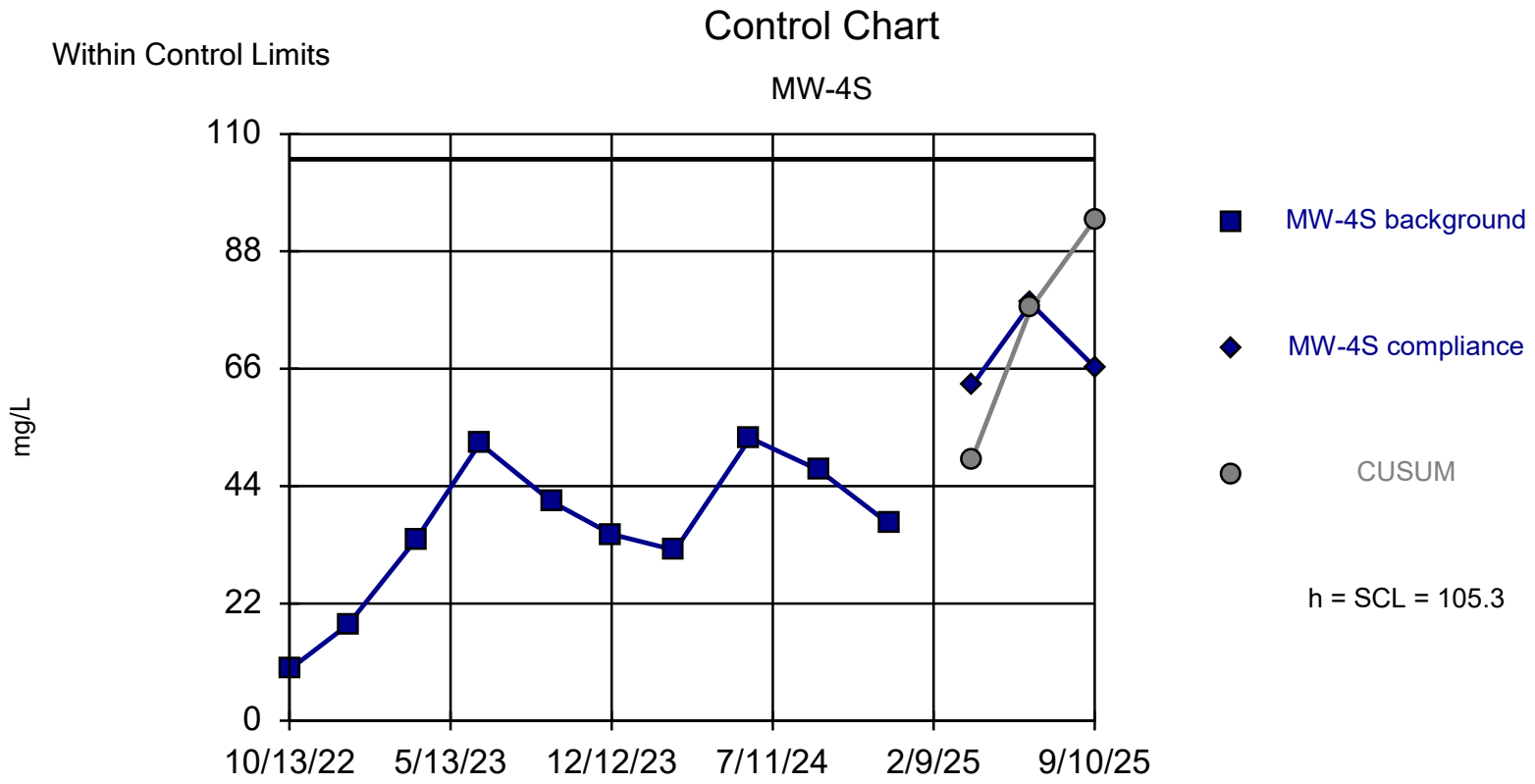
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=46.25, Std. Dev.=3.003, n=10. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9243, critical = 0.842. Report alpha = 0.001706. Dates ending 12/12/2024 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 10/22/2025 1:34 PM View: MW-4S Initial Background Evaluation

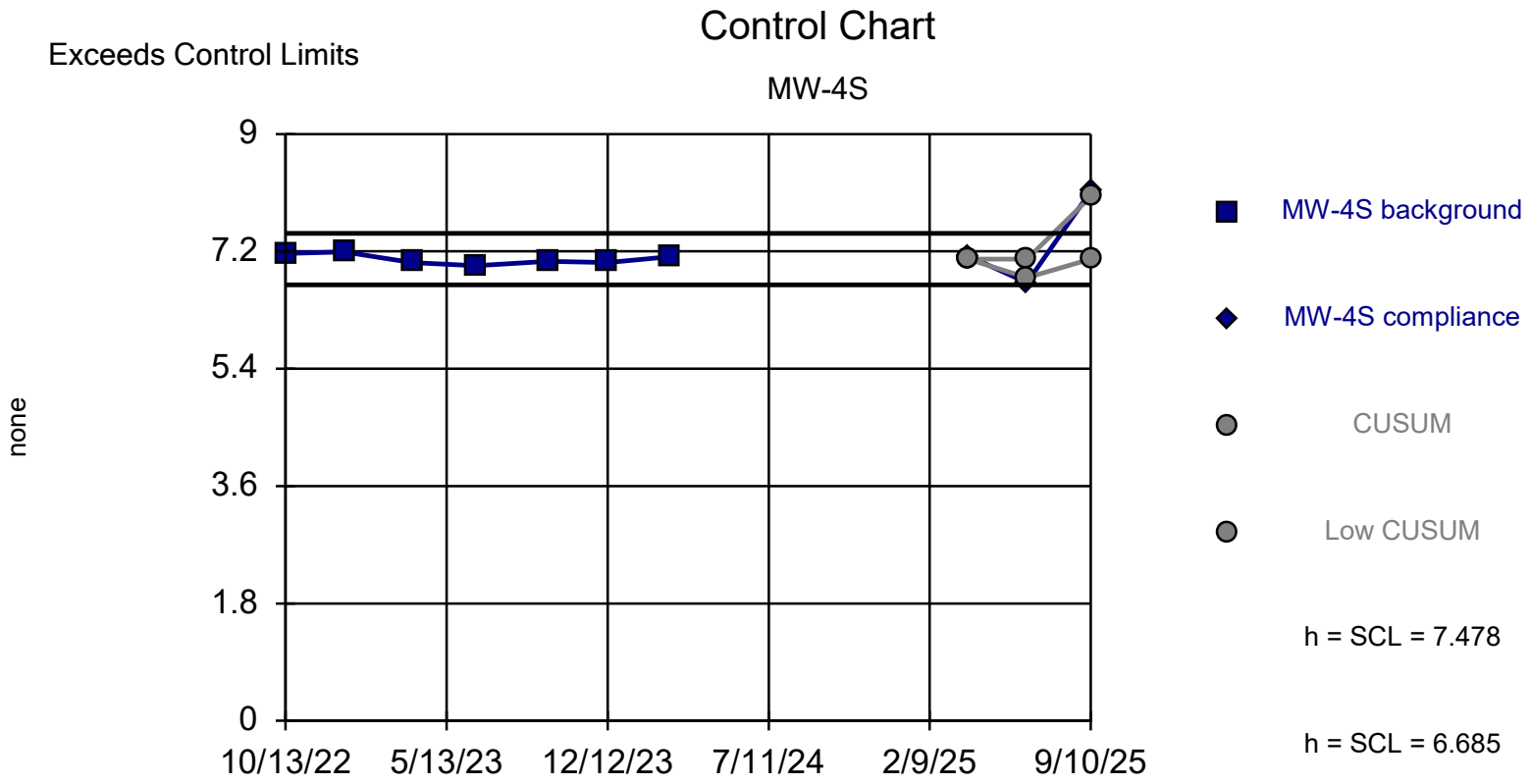
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=35.86, Std. Dev.=13.88, n=10. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9342, critical = 0.842. Report alpha = 0.001706. Dates ending 12/12/2024 used for control stats. Standardized h=5, SCL=5.

Constituent: Nitrate Analysis Run 10/22/2025 1:34 PM View: MW-4S Initial Background Evaluation

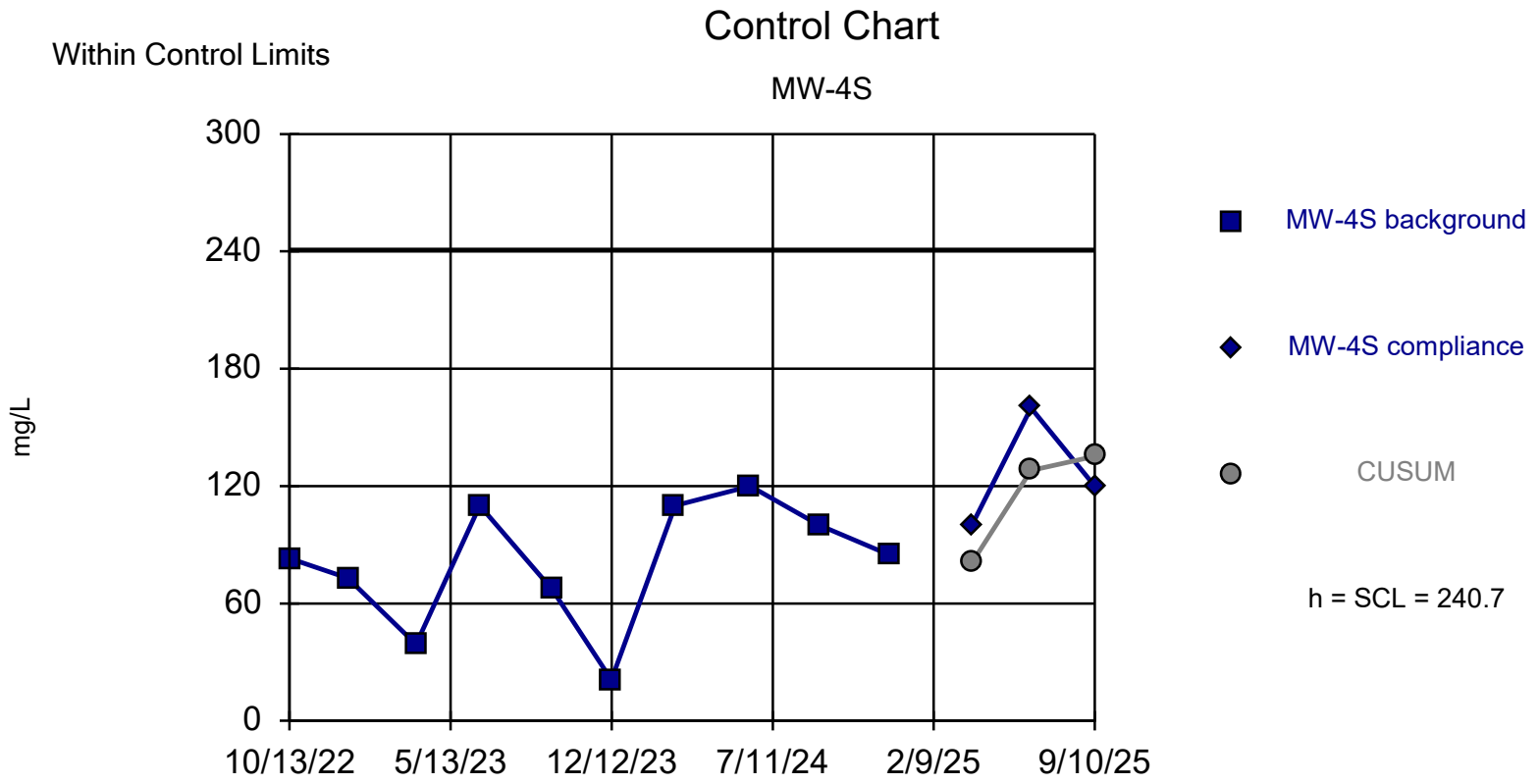
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=7.081, Std. Dev.=0.07925, n=7. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9174, critical = 0.803. Report alpha = 0.004222. Dates ending 3/5/2024 used for control stats. Standardized h=5, SCL=5.

Constituent: pH Analysis Run 10/22/2025 1:34 PM View: MW-4S Initial Background Evaluation

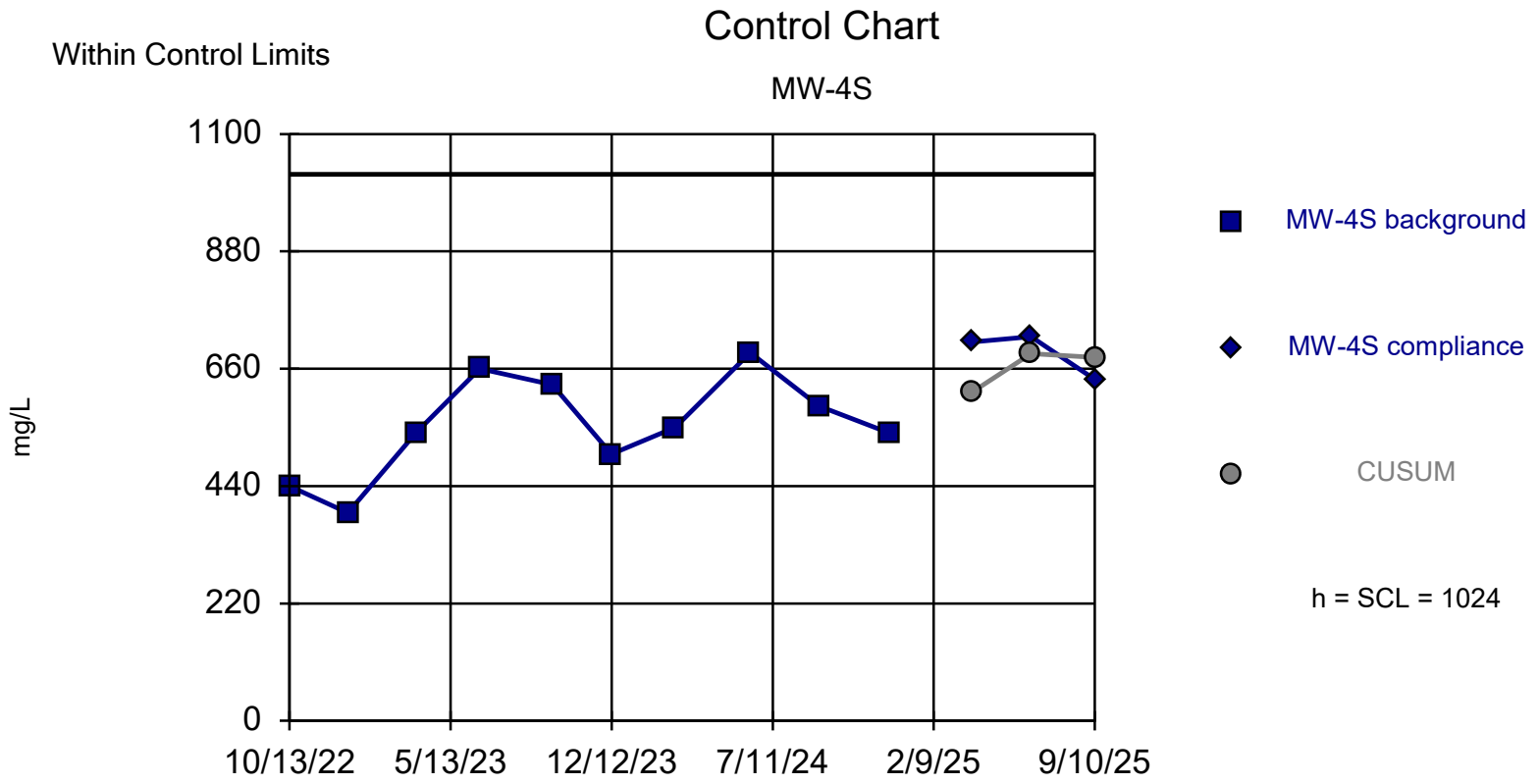
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=80.8, Std. Dev.=31.99, n=10. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9348, critical = 0.842. Report alpha = 0.001632. Dates ending 12/12/2024 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 10/22/2025 1:34 PM View: MW-4S Initial Background Evaluation

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=553, Std. Dev.=94.29, n=10. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9724, critical = 0.842. Report alpha = 0.001632. Dates ending 12/12/2024 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 10/22/2025 1:34 PM View: MW-4S Initial Background Evaluation

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats