Rocky Top Environmental Limited Purpose Landfill First Quarter 2026 Quarterly Groundwater Monitoring Report

Prepared for
DTG Recycling



June 2026

Parametrix

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Prepared for

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June 2026 | 553-8472-012

Citation

Parametrix. 2026. Rocky Top Environmental Limited Purpose Landfill First Quarter 2026 Quarterly Groundwater Monitoring Report. Prepared for DTG Recycling by Parametrix, Seattle, WA.

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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Acronyms and Abbreviations

µmhos/cm	micromhos per centimeter
AA	Alluvial Aquifer
AO	Agreed Order
ANOVA	analysis of variance
bgs	below ground surface
COPC	chemical of potential concern
CULs	cleanup levels
CUSUM	cumulative sum
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	Water Quality Standards for Groundwaters of the State of Washington (Chapter 173-200 WAC)
h	control limit for CUSUM comparisons
HFPO-DA	Hexafluoropropylene oxide dimer acid
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
MRF	Materials Recovery Facility
MTCA	Model Toxics Control Act (Chapter 173-340 WAC)
ng/L	nanograms per liter
PFAS	Per- and polyfluoroalkyl substances

Acronyms and Abbreviations (continued)

PFBs	Perfluorobutane sulfonic acid
PFHxS	Perfluorohexane sulfonic acid
PFHpA	Perfluoroheptanoic acid
PFHxA	Perfluorohexanoic acid
PFNA	Perfluorononanoic acid
PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctane sulfonic acid
RI	remedial investigation
RL	reporting limit
SA	Shallow Aquifer
SAP	Sampling and Analysis Plan
SCL	Shewhart Control Limit
SSI	statistically significant increase
SVOC	semi-volatile organic compound
TDS	total dissolved solids
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 first quarter 2026 routine 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 Background

1.1.1 Location and Land Use

The Facility is located on the northeast flank of Cowiche Mountain northwest of Yakima in Section 10, Township 13 North, Range 17 East, Willamette Meridian, in Yakima County, Washington (Figure 1). Land to the south and west is predominantly vacant arid land. Land to the north and west includes single-family residences on large lots, vacant land, and agricultural fields.

1.1.2 History of Operations

The Facility was permitted for sand and gravel mining operations beginning in 1983. An additional special use permit was issued in 1987 allowing establishment of an asphalt plant and increasing mining capacity. In 1988, Yakima Health District (YHD) permitted disposal of demolition waste within surface mining pits. In 1997, the Facility was later permitted to operate as an unlined construction, demolition, and land-clearing debris landfill (formerly known as Anderson Rock and Demolition Pits) under Chapter 173-304 Washington Administrative Code (WAC). The Facility was reclassified as an LPL in 2007 under Chapter 173-350 WAC. Phase 1 is a historical unlined fill area (Figure 2), with the southern expansion area permitted in 2015.

In October 2019, DTG acquired the Facility from Ron Anderson and overtook operations of the LPL. Filling of Phase 1 continued through 2022 under a temporary closure cover, and then waste was placed in the permitted unlined expansion cell south of Phase 1. It was discovered that this area had hydrogeologic conditions differing from those estimated for the original expansion permitting, and DTG began plans for a lined expansion cell (Phase 2). The unlined southern expansion area became known as the temporary fill area. Waste placement in the temporary fill area continued through June 2023 and LPL waste operations temporarily ceased as the LPL permit renewal was denied. DTG completed construction of Phase 2, which includes a liner system, leachate collection system, and leachate pond, on the southern portion of the Facility in 2024 (Figure 2), and the Facility permit was renewed in December 2024 after meeting Yakima Regional Clean Air Agency (YRCAA) and YHD requirements (YHD 2024). Following permit renewal, 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.

A materials recovery facility (MRF) previously operated 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 and activities have ceased until the upgrades can be completed. Figure 2 displays the MRF location that operated partially through 2025. An active rock quarry also operates in the western portion of the Facility and is permitted separately (Figure 2). A former petroleum-contaminated soil remediation area is located on the eastern portion of the Facility.

1.2 Geology and Hydrogeology

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. Cowiche Mountain is part of an east-west trending anticlinal structure that extends from Cowiche Mountain to under the City of Yakima forming 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).

The topography of the Facility slopes northerly from an elevation of approximately 2,000 ft above sea level on the southern border down to approximately 1,800 ft above sea level on the northern border of the Facility.

1.2.1 Geology

Facility soils consist of silt loams up to 14 inches thick, derived from Ellensburg Formation undifferentiated deposits and breakdown of basalt bedrock and re-worked native deposits. In some areas, Facility surface soils are composed solely of weathered basalt fragments. The thickness of unconsolidated soil above bedrock varies up to approximately 14 ft. but may be as much as 35 ft in some areas due to re-grading.

Below the surface soils, 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, and the Wanapum Basalt and Grande Ronde Basalt are separated by an interbed of the Ellensburg Formation, 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 former 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.

1.2.2 Hydrogeology

Two aquifers 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 point 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. Seven monitoring wells have been completed in the SA 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 with background monitoring events in 2025. MW-1S and MW-11S were completed in 2025 and background monitoring is being conducted in 2026 and 2027.

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 was 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 surface (bgs), 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.

1.2.2.1 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.

1.2.2.2 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 LPL, 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 and is influenced by other shallower basalt interbeds (Parametrix 2025b).

Interflow Zone

The groundwater gradient for the IZ is predominantly northerly following the topographic slope and dip of the Grande Ronde basalt/anticline. The third quarter of 2024 was the first monitoring event where static water level elevations for the IZ were evaluated. The gradient has been observed to be northerly at approximately 0.20 ft/ft following topography and the dip of the anticline (Parametrix 2025b).

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 potential DA. 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.

1.2.2.3 Hydraulic Conductivity

Hydraulic conductivity has been evaluated by previous hydraulic testing (HWA 2015, 2022a; Parametrix 2025a). The average, low, and high hydraulic conductivities for the SA and IZ were presented in the updated Hydrogeologic Characterization Report (Parametrix 2025b). 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.

1.2.2.4 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 unlined surface water evaporation ponds and precipitation falling on the active phase is captured and evaporated in the leachate evaporation pond. The temporary closure implemented at the unlined Phase 1 does not have formal surface water management to mitigate precipitation infiltration.

1.3 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 reported 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 LPL, 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, 2025c, 2026b).

In September 2022, the Washington State Department of Ecology (Ecology) listed the northwest slope of Phase 1 as a Model Toxics Control Act (MTCA) cleanup site related to ambient outdoor air found above MTCA Cleanup Levels (CULs) for benzene and naphthalene (Ecology 2022). 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 groundwater monitoring wells within the SA. Additionally, permitting of the lined Phase 2 south along the anticline required additional monitoring wells within the IZ.

Two new SA wells and four new IZ wells were completed below the Facility in 2024. 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. The Bertheas ’95 domestic well in the DA 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 2025, eight groundwater monitoring events were conducted for wells MW-5S, MW-6S, MW-7D, MW-8D, MW-9D and MW-10D to meet the permit requirements. Four expedited sampling events (A events) were completed in 2025 in addition to the routine quarterly monitoring (B events) and these wells were sampled every approximately 1.5 months to assist with establishing background.

Ecology also requested additional chemicals of potential concern (COPCs) in the SA to be investigated as part of the limited remedial investigation (RI). These additional COPCs 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 were investigated in 2024 and 2025. Of these additional COPCs, only PFAS was found above CULs (Parametrix 2026b)

MW-1S and MW-11S were drilled and constructed northeast of Phase 1 and north of MW-3S in April and July 2025 (Parametrix 2025d) as part of the RI. The wells were included in the routine monitoring program starting in the third quarter 2025.

The Sampling and Analysis Plan (SAP) was updated in January 2026 (Parametrix 2026a) to reflect the revised statistical analysis approach for the groundwater monitoring program, add PFAS to the routine SA monitoring, and to include the details of leachate monitoring. Dedicated PFAS-free pumps are used in all the monitoring wells (Table 1) and PFAS samples are collected first at each SA well. Analysis for volatile organic compounds (VOCs) were added to monitoring wells MW-3S, MW-4S, and MW-6S and sampling for total petroleum hydrocarbons was removed.

Leachate samples are collected annually from the pond during the first quarter event and the pond level and leak detection sump are checked quarterly.

1.3.1 Compliance

The SA is in assessment monitoring under MTCA due to groundwater quality impacts observed in wells MW-3S, MW-4S, and MW-6S located downgradient of the unlined Phase 1. A limited RI was performed and groundwater quality impacts to the SA appear to be limited to the existing monitoring well network (Parametrix 2026b).

The IZ is in routine detection monitoring related to Phase 2.

2. Summary of Monitoring Activities

The first quarter 2026 groundwater sampling and analysis was conducted in accordance with the SAP (Parametrix 2026a). Field data sheets from the first quarter sampling are included in Appendix A.

2.1 Groundwater Elevations and Flow

Prior to sampling, static water levels were measured in the wells. Table A-1 in Appendix A summarizes the groundwater depths and elevations measured at the LPL during the first quarter 2026.

Figure A-1 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 precipitation over time (Figure A-1) with peaks occurring in the spring 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, but declines appear to have largely stabilized. Water levels for the new wells MW-1S and MW-11S had slight decreases in first quarter 2026.

2.1.1 Groundwater Gradient

Potentiometric surface maps were developed for the SA (Figure A-2) and the IZ (Figure A-3) and are included in Appendix A.

Water levels in the SA historically trend northerly at 0.20 to 0.25 ft/ft, or approximately 1,056 to 1,108 ft per mile. The new monitoring well MW-11S shows the SA has additional recharge influences north of the Facility that affect the gradient. Similar to the HWA study (2022b), shallower gradients of 0.09 to 0.10 ft/ft, or 480 to 553 ft per mile, were observed in 2025 in the area of the new wells north of the Facility.

Water levels in the IZ trend north-northeasterly at 0.21 to 0.22 ft/ft, or 1,118 to 1,133 ft per mile. This gradient is similar to the historical gradient within the SA and consistent with the dip of the anticline.

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.

2.1.2 Groundwater Flow

Groundwater particle velocity is described by the following relationship:

V = K i / n, where:

V = particle velocity
K = average hydraulic conductivity (3.1 ft/day for SA, 2 ft/day for IZ)
i = gradient
n = effective porosity

Groundwater flow velocities were calculated using the average hydraulic conductivities for the SA and IZ, an assumed effective porosity of 0.2 (Nimmo et al 2003), and the calculated gradients (Section 5.1.2, above).

Shallow Aquifer

3.61 ft/day (1,319 ft/year).

Interflow Zone

2.00 ft/day (730 ft/ year).

2.2 Groundwater Sampling and Analysis

The first quarter 2026 sampling event was conducted on March 17 through March 19, 2026. The monitoring wells were purged and sampled using dedicated PFAS-free QED bladder pumps with an electronic pump control unit (QED Micropurge MP10/MP10H) and an 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. The duplicate sample, MW-13S, was collected at well MW-3S.

The first quarter 2026 samples for WAC 173-350-500 monitoring were analyzed by On-Site Environmental, Inc. located in Redmond, Washington. Nitrate was subcontracted to a local lab, Anatek Labs, Inc. in Yakima, Washington, to be analyzed within holding times. PFAS analysis was subcontracted to ALS Environmental in Kelso, Washington. Perfluorooctanoic acid (PFOA), Perfluorohexane sulfonic acid (PFHxS), Perfluorooctane sulfonic acid (PFOS), Perfluorononanoic acid (PFNA), Perfluorobutane sulfonic acid (PFBS), and Hexafluoropropylene oxide dimer acid (HFPO-DA) are PFAS compounds that have Maximum Contaminant Levels (MCLs). The analytical methods used are listed in Table 2.

2.3 Leachate Pond Monitoring

Samples were collected from the leachate pond on March 19, 2026. The depth of leachate in the pond was observed to be 2.2 ft. The total depth of the lined pond is 7 ft.

The leachate pond leak detection sump was measured with a sounder and no liquid was detected.

3. Groundwater and Leachate Quality Results

3.1 Data Quality Evaluation

Field data sheets from the first quarter 2026 event are presented in Appendix A and the laboratory reports are presented in Appendix B. Appendix B also presents an evaluation of the first quarter 2026 analytical and field data quality. The results of the data quality evaluation for first quarter 2026 are summarized below:

- Total dissolved solids (TDS) sample results for MW-3S and its duplicate, MW-13S, were qualified as estimated with a "J" flag due to relative percent difference calculations out of control limits. The TDS concentration from MW-13S was used for data evaluation purposes because it was more typical based on historical results.
- The Perfluorohexanoic acid (PFHxA) result in MW-5S, Perfluoropentane sulfonic acid (PFPeS) and Perfluoroheptanoic acid (PFHpA) results in MW-6S, and the PFPeS result in MW-13S were qualified as estimated with a "J" flag due to detected results between the method detection limit and method reporting limit.

3.2 Comparison to Groundwater Quality Standards

Groundwater quality data collected from the first quarter 2026 event were compared to Water Quality Standards for Groundwaters of the State of Washington (GWQSs; Chapter 173-200 WAC) and MCLs (Chapter 246-290 WAC). The first quarter 2026 data are presented in Tables C-1 (WAC 173-350-500 parameters and VOCs) and C-2 (PFAS) for SA wells and Table C-3 (WAC 173-350-500 parameters) for IZ wells (Appendix C). Results were compared to GWQSs and MCLs. Table C-4 summarizes the parameters for which one or more of the above standards were exceeded.

3.2.1.1 Shallow Aquifer Samples

The first quarter 2026 data for the SA wells are presented in Tables C-1 and C-2.

The following exceedances (Table C-4) were observed in the SA wells:

MW-1S

- Total iron was above the GWQS and MCL of 0.30 milligrams per liter (mg/L), but dissolved iron was below the criteria, indicating the result is likely related to turbidity in the sample.
- Total manganese was above the GWQS and MCL of 0.05 mg/L but dissolved manganese was below the criteria, indicating the result is likely related to turbidity in the sample.

MW-3S

- Nitrate was above the GWQS and MCL of 10 mg/L.
- PFOA was above the MCL of 4.0 nanograms per liter (ng/L).

MW-4S

- Specific conductivity was above the MCL of 700 micromhos per centimeter (µmhos/cm).
- Nitrate was above the GWQS and MCL of 10 mg/L.

- TDS was above the GWQS and MCL of 500 mg/L.
- PFOA was above the MCL of 4.0 ng/L.

MW-6S

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

No VOCs were detected above laboratory reporting limits (RLs) in the three wells in assessment monitoring (MW-3S, MW-4S, and MW-6S). PFHxS, PFOS, PFNA, and HFPO-DA were all found below the MCL, and the PFAS running average annual hazard indices for mixtures of HFPO-DA, PFBS, PFHxS, and PFNA were below the MCL hazard index of 1 in all wells. The exceedances at MW-3S, MW-4S, and MW-6S are likely related to impacts from the unlined Phase 1 of the LPL.

3.2.1.2 Interflow Zone Samples

First quarter 2026 data from the IZ wells are presented in Table C-3.

The following exceedances were observed in the IZ wells (Table C-4):

MW-9D

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

There were no exceedances of GWQSs or MCLs in the IZ attributable to the Phase 2 lined landfill. Elevated iron and manganese are common in low producing bedrock zones such as the IZ.

3.2.1.3 Leachate

The data from the leachate pond for the first quarter 2026 sampling are presented in Table C-5 in Appendix C.

Acetone was the only VOC detected in the leachate sample.

3.3 Time-Series Plots

3.3.1.1 Groundwater

Time-series plots for inorganic parameters are provided in Appendix D.

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 laboratories 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.

Alkalinity and Bicarbonate

Alkalinity and bicarbonate appear to have increased beginning in 2022 for both MW-2S and MW-3S. This may be due to changing laboratories. Alkalinity and bicarbonate appear to be variable at MW-4S and several other wells.

Ammonia

Ammonia historically has rarely been detected in the wells. Occasional detections of ammonia were observed in 2025 in all wells except for MW-6S, MW-7D, and MW-9D in both events, and in MW-5S, MW-8D, and MW-10D in the A event. Most of these detections were not confirmed in the fourth quarter, except for wells MW-1S and MW-2S.

Dissolved Calcium

Dissolved calcium is increasing in wells MW-3S, MW-4S, and MW-6S, with the highest detected concentration at MW-4S occurring in the third quarter of 2025. The fourth quarter 2025 dissolved calcium concentration at MW-6S was the highest detected value at that well.

Chloride

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

Conductivity

Conductivity appears to be increasing in wells MW-3S, MW-4S, and MW-6S. The field meter experienced calibration issues in the third quarter 2025 event, and recent conductivity measurements may not be accurate.

Total and Dissolved Iron

Total and dissolved iron show high variability particularly in the new SA and IZ wells, although concentrations appear to be decreasing at wells MW-1S and MW-11S.

Total and Dissolved Magnesium

Total and dissolved magnesium concentrations appear to be increasing in wells MW-3S and MW-4S. 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, although concentrations appear to be decreasing at wells MW-1S and MW-11S.

Nitrate

Apparent increases in nitrate are visible for wells MW-3S, MW-4S, and MW-6S, although concentrations at MW-4S and MW-6S appear to be stabilizing.

pH

pH has been relatively stable for most wells except during the third quarter of 2025. The third quarter 2025 pH measurements 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 in the wells except for MW-9D, which has shown a marked decrease following the initial sampling event.

Sulfate

Apparent increases in sulfate are present at wells MW-3S, MW-4S, and MW-6S, and were first observed in MW-3S around 2022. MW-9D has shown a marked decrease following the initial sampling event.

Total Dissolved Solids

Apparent increases in TDS are present at wells MW-3S, MW-4S, and MW-6S. The apparent increases in TDS appeared at wells MW-3S and MW-4S starting in 2022. The other wells appear to be relatively stable. MW-9D has shown a marked decrease following the initial sampling event.

Total Organic Carbon

TOC appears relatively stable across all wells.

Perfluorooctanoic acid

Results for PFOA appear to show some seasonality with higher concentrations in the third and fourth quarters and lower concentrations in the first and second quarters at MW-3S. Results for the first quarters were lower at MW-3S and MW-4S compared to the 4th quarter of 2025.

3.3.1.2 Leachate

Samples from the Phase 2 leachate pond were collected for the first time in the first quarter of 2025. Results are presented in Table C-5. Leachate quality data are presented on the time-series plots and show that concentrations of some parameters increased in the first quarter of 2026 relative to 2025. Concentrations of some parameters are elevated relative to groundwater, including total alkalinity, bicarbonate, chloride, total magnesium, sulfate, TDS, and TOC, confirming that these parameters are appropriate for formal statistical comparisons.

3.4 Geochemical Evaluation

3.4.1.1 Cation/Anion Balances

Cation/anion balance evaluations for first quarter 2026 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 173-351-430(5)(a) specifies that a 5% difference is acceptable if the anion plus cation sum of the sample is greater than 5 meq/L, while a 10% difference is acceptable if the anion plus cation sum of the sample is less than 5 meq/L.

The first quarter 2026 cation/anion balance differences were all within acceptable limits except for well MW-1S.

3.4.1.2 Trilinear Diagram

A trilinear (Piper) diagram showing the first quarter 2026 groundwater 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, and time trends.

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.

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.

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.

3.5 Statistical Evaluation

3.5.1 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 (SSI) above background has occurred. The statistical approach for 2026 and 2027 was updated in the 2025 annual report (Parametrix 2026b).

The statistical approach consists of comparing quarterly data for a subset of leachate indicator parameters to upper prediction limits (UPLs) calculated for each well based on its background data. 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%.

Additionally, for wells/parameters where a SSI above background has been observed, trend analysis is completed using Mann-Kendall/Sen's Slope analysis. The upper confidence interval of the trend for the most recent eight quarters of data is compared to the MCL or to background if natural background conditions exceed these criteria to determine if it has decreased below compliance levels.

As previously discussed, wells MW-3S, MW-4S, and MW-6S are known to be impacted and the SA is in assessment monitoring and being evaluated under MTCA. Trend analysis is completed for alkalinity at MW-3S and MW-6S, dissolved calcium at MW-3S and MW-4s, chloride at MW-3S, dissolved magnesium at MW-3S, nitrate at MW-3S, MW-4S, and MW-6S, sulfate at MW-3S, and TDS at MW-3S and MW-4S. The trend analyses are included in Appendix F. Trends in PFOA will be evaluated for wells MW-3S, MW-4S, and MW-6S using Mann-Kendall/Sen's Slope analyses of the most recent eight data points on a quarterly basis.

An intrawell (i.e., within the same well) statistical approach is being used to evaluate compliance at SA wells MW-2S, MW-3S, MW-4S, MW-5S, and MW-6S. The statistical approach for SA wells MW-1S and MW-11S will be established at the end of 2027 once the background data set has been completed.

A review of spatial variance using analysis of variance (ANOVA) was conducted for the IZ wells, comparing the upgradient well (MW-10D) to downgradient wells (MW-7D, MW-8D, and MW-9D). Spatial variation was present across all well/parameter cases and intrawell comparisons were used to calculate UPLs and develop control charts for the IZ wells.

The following leachate indicator parameters were selected for formal statistical analysis based on site-specific information:

- Total alkalinity
- Calcium, dissolved
- Chloride
- Iron, dissolved
- Magnesium, dissolved
- Nitrate
- Potassium, dissolved
- Sulfate
- TDS
- TOC

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

- For a SSI (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.

3.5.2 First Quarter 2026 Statistical Evaluation

3.5.2.1 Trend Evaluation

MW-3S, MW-4S, and MW-6S are in assessment monitoring due to increasing trends and UPL exceedances in 2025. The most recent eight data points are evaluated for parameters that had previously shown increasing trends to determine if SSIs are continuing, or to assess whether there are non-statistically significant trends (apparent trends) or statistically significant decreasing trends.

These will assist in determining next steps for assessment monitoring, or when it is appropriate to return to regular detection monitoring. The trend evaluations for these wells/parameters are attached in Appendix F.

MW-3S

MW-3S was evaluated by Mann-Kendall/Sen's slope analysis using the most recent eight data points for alkalinity, dissolved calcium, chloride, dissolved magnesium, nitrate, sulfate, TDS, and PFOA.

Two-year SSI trends were confirmed for alkalinity and nitrate and the upper confidence limit for nitrate was above the MCL. Apparent 2-year increasing trends that were not significant include dissolved calcium, sulfate, and TDS. Non-significant decreasing or stable trends include chloride, dissolved magnesium, and PFOA (only seven data points). The 2-year SSI increasing trends in alkalinity and nitrate confirm MW-3S conditions and assessment monitoring under MTCA. Wells downgradient of MW-3S (MW-1S and MW-11S) do not have UPLs established for nitrate or alkalinity; however, trends have been observed in time series plots (Appendix D). For alkalinity, MW-1S is decreasing and MW-11S is stable. For nitrate, MW-1S is non-detected, while MW-11S shows a slight increase over the three quarters it has been sampled but at concentrations below the MCL.

MW-4S

MW-4S was evaluated by Mann-Kendal/Sen's Slope analysis using the most recent eight data points for dissolved calcium, nitrate, TDS, and PFOA (only seven data points). These all showed non-significant increasing trends over the last 2 years. Trends will continue to be evaluated for significance. MW-6S is located downgradient of MW-4S and is known to be impacted, confirming assessment monitoring under MTCA.

MW-6S

MW-6S was evaluated by Mann-Kendall/Sen's slope analysis using the most recent eight data points for alkalinity and nitrate.

A 2-year SSI trend was confirmed for nitrate and the upper confidence limit was above the MCL. A non-significant increasing trend was observed for alkalinity. MW-5S and MW-2S are located further downgradient of MW-4S and MW-6S, and in these wells, nitrate is non-detected or detected at low concentrations (<1 mg/L) and alkalinity is slightly lower. These results indicate further degradation beyond MW-6S is limited. Trends will continue to be evaluated to confirm contaminant reductions.

3.5.2.2 Comparison to Upper Prediction Limits and Control Charts

Table F-1 in Appendix F compares the first quarter 2026 data to the UPLs and SCLs (Parametrix 2026b). Control charts updated with first quarter 2026 data are presented in Appendix F.

Due to current limitations of the Sanitas™ statistical software, the SCL is recalculated using the standard deviation adjusted for seasonality based on both the background and compliance data. As a result, the background and compliance data cannot be evaluated independently. Because of this limitation, control charts will not be presented for the following parameters for MW-4S:

- Total alkalinity
- Chloride
- TOC

Instead, the compliance data will be compared to the SCL calculated from background data only. The CUSUM for these analytes will also be evaluated for increasing trends and compared against the background only SCL (Appendix F).

The following UPL and/or SCL exceedances were identified for the first quarter 2026:

MW-8D

- Dissolved calcium, chloride, dissolved magnesium, and sulfate concentrations exceeded their respective UPLs but the concentrations and CUSUMs were below the respective SCLs and h values. These exceedances of the UPL will be confirmed during the next quarterly event.

4. Conclusions and Recommendations

4.1 Conclusions

This report summarizes the first quarter 2026 monitoring at the Rocky Top Environmental LPL in compliance with WAC 173-350-500.

Water levels (Table A-1) for the SA and IZ show predominantly northerly gradients (Figures A-2 and A-3). Groundwater flow velocities were calculated to average 3.61 ft/day for the SA and 2.00 ft/day for the IZ. Water levels appear to follow a seasonal pattern; however, some decreasing levels have been observed historically (Figure A-1).

Leachate levels in the leachate pond were approximately 2.2 ft during the first quarter 2026 event, and no liquid was observed in the leachate pond leak detection sump.

Groundwater samples were compared to GWQSs and MCLs (Tables C-1, C-2, and C-3) and exceedances were summarized in Table C-4 and discussed in Sections 3.2.1.1 and 3.2.1.2.

Wells MW-3S, MW-4S, and MW-6S continued to have nitrate concentrations exceeding the criteria. MW-4S also had concentrations exceeding the criteria for specific conductivity and TDS. PFOA exceedances continued to be observed in MW-3S and MW-4S. These wells are in assessment monitoring under the MTCA AO.

Since sampling began in wells MW-1S, MW-11S, and MW-9D, iron and manganese exceedances have been observed but were likely the result of the wells not being fully developed and remaining slightly turbid.

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, concentrations of some parameters appear to have recently stabilized since the second quarter of 2025. MW-6S, downgradient of MW-4S, also showed potential increasing trends for several parameters.

A geochemical evaluation of cations/anions was performed (Appendix E), and cation/anion balance differences were within acceptable limits for all the well, except for MW-1S.

Trend analysis was conducted using the last eight quarters for wells MW-3S, MW-4S, and MW-6S. Two-year SSIs were observed for alkalinity and nitrate in MW-3S and nitrate in MW-6S. No 2-year SSIs were observed in MW-4S. Data from further downgradient wells MW-1S, MW-11S, MW-5S, and MW-2S are being evaluated and current results show contaminant impacts are confined to the

existing network and not migrating off-site. Trends will continue to be evaluated to confirm no additional actions are necessary for the assessment monitoring program.

Results for wells MW-2S through MW-6S and MW-7D through MW-10D were compared to established UPLs and SCLs for ten leachate indicator parameters (Table F-1). Dissolved calcium, chloride, dissolved magnesium, and sulfate concentrations in IZ well MW-8D exceeded their respective UPLs but the concentrations and CUSUMs were below the respective SCLs and h values. These UPL exceedances will be confirmed during the next quarterly event.

4.2 Recommendations

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

- Monitoring will continue to be conducted in accordance with the updated SAP (Parametrix 2026a) that addresses both the routine monitoring data (Chapter 173-350 WAC) and data collected in accordance with the MTCA AO.
- Monitoring data for all wells except MW-1S and MW-11S will continue to be compared to the statistical limits to be used for 2026 and 2027 (Parametrix 2026b).

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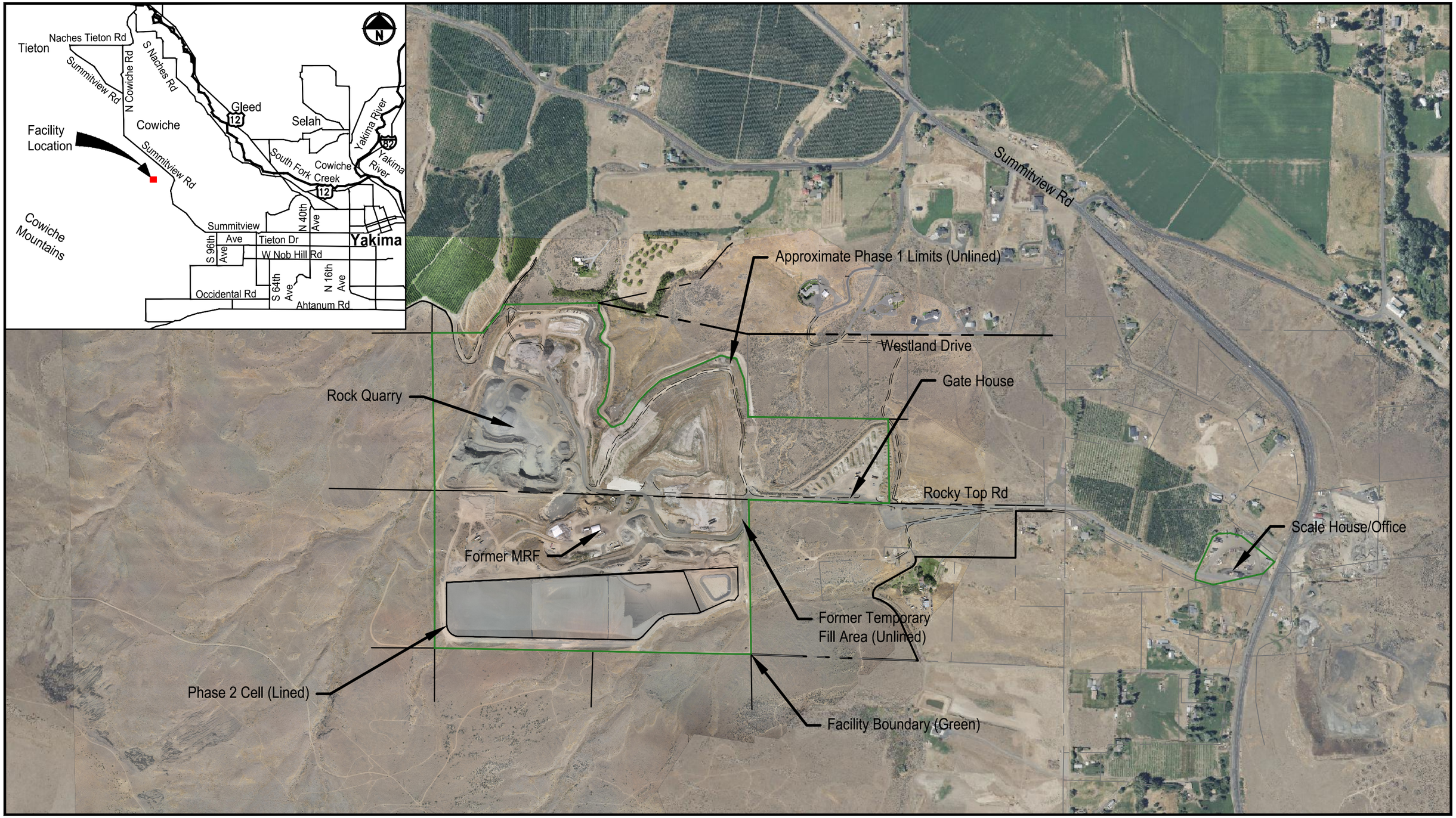
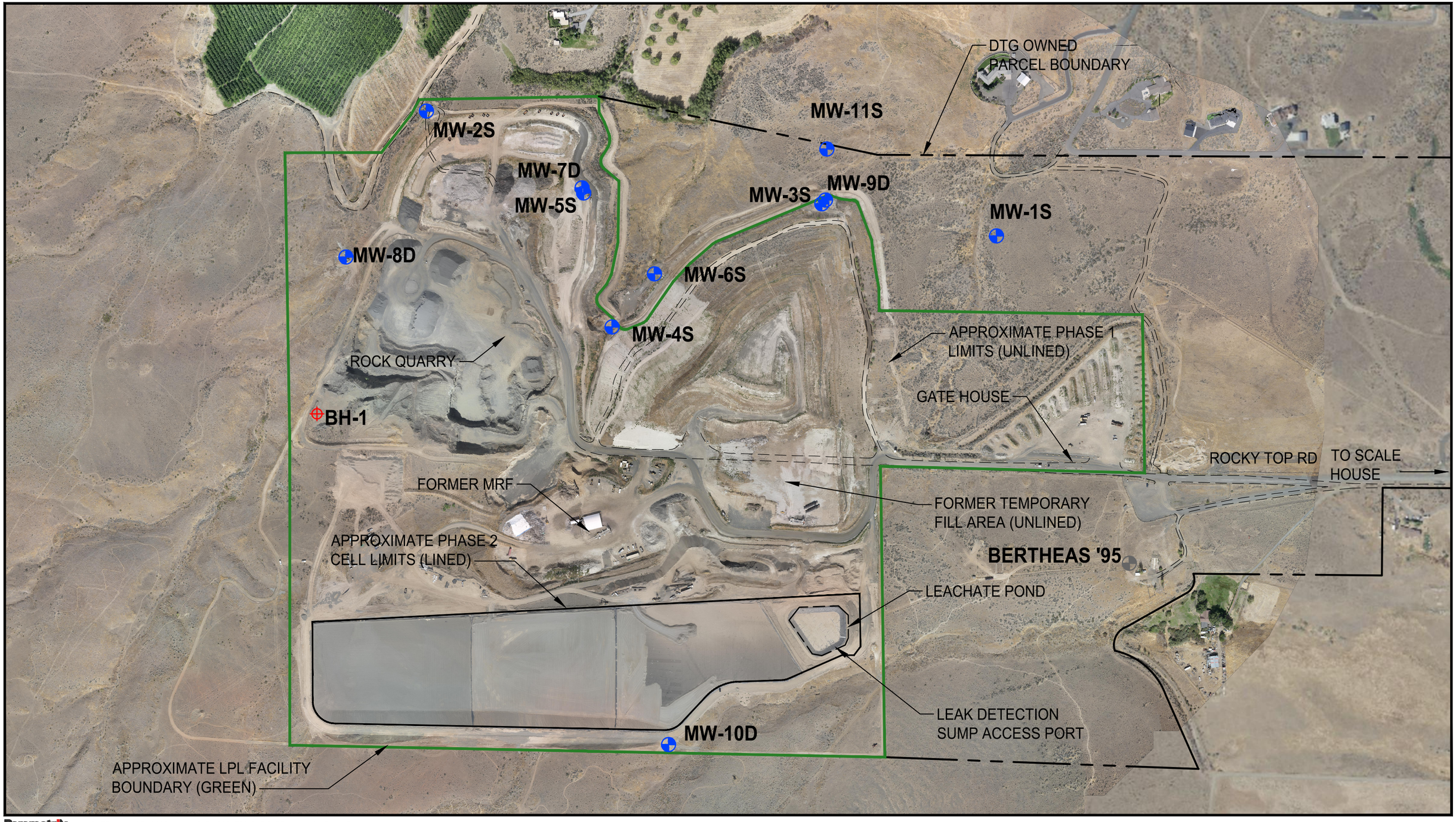
Figures



Parametrix DATE: June 25, 2026 FILE: PS8472012–FIGURE 1 – VICINITY MAP

0 N 750
SCALE: 1"=750'

Figure 1
Facility Vicinity Map
Rocky Top Environmental Limited Purpose Landfill



Parametrix

DATE: June 25, 2026

FILE: PS8472012–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

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*
Per- and Poly-flouroalkyl Substances	EPA Method 1633A**

D = Dissolved

T = Total

* Only for MW-3S, MW-4S, and MW-6S, WAC 173-351-430 parameter list

** Only for Shallow Aquifer Wells

Appendix A

Field Measurements

- First Quarter 2026 Field Data Sheets
- Table A-1 Groundwater Elevations, First Quarter 2026
- Figure A-1. Water Level Summary
- Figure A-2. First Quarter 2026 Shallow Aquifer Potentiometric Surface
- Figure A-3. First Quarter 2026 Interflow Zone Potentiometric Surface

DTG Debris to Green Recycling

Water Level Measurement Field Report

DATE 3-17-26		JOB NO. 553-8472-009			
PROJECT: Yakima LPL		COMPANY NAME: Parametrix			
LOCATION: 41 Rocky Top Road					
WEATHER Partly sunny,	TEMP	50°F	° at	0800	AM
			° at		PM
PERSONNEL S.Talaia-murray;					

THE FOLLOWING WAS NOTED:

WELL NUMBER	Time	Depth to Water (ft below top of casing)	Measuring Point	Screen Interval (ft bgs)
MW-1S	0826	108.42	TOC	113-133
MW-2S	0920	Hit obstruction @ ~283' btoc	TOC	310-330
MW-3S	0841	175.40	TOC	188-198
MW-4S	0900	38.00	TOC	49.5–69.5
MW-5S	0915	216.58	TOC	222-243
MW-6S	0856	96.40	TOC	110-130
MW-11S	0836	115.83	TOC	219-239
MW-7D	0912	448.15	TOC	475-495
MW-8D	0935	303.64	TOC	375-405
MW-9D	0845	431.8	TOC	420-440
MW-10D	0945	80.62	TOC	150-170

Note on MW-2S - unable to collect initial DTW due to obstruction @ ~283' btoc. Were later able to bypass during sampling.

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-1S**

Project Number:	553-8472-009	**Date:**	3-18-26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	Rocky Top	**Sampled By:**	Brittnes

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

Initial Depth to Water (feet):	108.44	**Purge Rate Measurement Method:**	YSI Probe
Depth of Well (feet):	133	**Date Purged:**	3-18-26
Top of Screen (feet)	113	**Purge Time (from/to):**	0825 - 0845
Reference Point (surveyor's notch, etc.):	____	**Time Sampled:**	0850

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	108.44							120 psi
0825	109.15	7.80	188.0	12.0	409.6	9.15	0.79	30/20
0830	____	7.10	179.3	13.4	399.7	1.48	5.90	____
0835	110.80	7.10	177.8	13.2	391.4	1.10	4.79	changed settings to
0840	____	7.10	178.3	13.4	386.0	1.02	5.34	90 psi, 20/20
0845	112.30	7.11	176.5	13.0	381.4	0.99	3.77	90 psi; 20/10
~~0850~~	____	____	____	____	____	____	____	Sampled @ 0850
____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:		**Flow Rate:**	680 mL/min (@830); 320 mL/min @ 0845
Laboratory:	Anatek; Onsite Labs	**Date Sent to Lab:**	Anatek (3-18-26); Onsite Labs 3-19-26
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

Signature: [signature]

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: MW-2S

Project Number:	553-8472-009	**Date:**	3-17-26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	B. Hines

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

Initial Depth to Water (feet below TOC):	289.41	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	310	**Date Purged:**	3-17-26
Bottom of Screen (feet bgs)	330	**Purge Time (from/to):**	1430-1505
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1510

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	289.41								
1440	289.85	7.51	127.0	12.4	139.1	7.07	0.00		
1445	-	7.38	127.8	12.6	140.9	5.35	0.04		
1450	289.90	7.23	128.4	13.0	141.3	4.99	0.01		
1455		7.31	129.1	13.3	141.8	5.85	0.22		
1500	289.94	7.36	129.3	13.2	142.9	5.76	0.40		
1505		7.38	129.2	13.2	144.5	6.19	0.96		sampled @ 1510
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	**Flow Rate:**	180 mL/min.
Laboratory:	Anatek; Onsite	**Date Sent to Lab:**	Anatek (3-17-26); Onsite (3-19-26)
Shipment Method	Drop off	**Field QC Sample Number:**	N/A

Remarks:

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: MW-3S

Project Number:	553-8472-009	Date:	3/18/26
Project Name:	Yakima LPL	Company Name:	Parametrix
Project Address:	41 Rocky Top Road	Sampled By:	BH, STM

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

Initial Depth to Water (feet below TOC):	175.36	Purge Rate Measurement Method:	YSI Pump
Top of Screen (feet bgs):	188	Date Purged:	3/18/26
Bottom of Screen (feet bgs)	198	Purge Time (from/to):	1220-1245
Reference Point (surveyor's notch, etc.):		Time Sampled:	1250

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	175.36								
1220		7.80	601	13.5	256.3	8.50	0.00	130PSI	30/15
1225	175.54	7.82	627	14.4	259.5	7.29	0.00		
1230	175.64	7.29	631	14.3	262.8	5.56	0.00		
1235	175.62	7.17	637	14.2	262.7	4.45	0.00		
1240	175.58	7.12	642	14.3	261.3	4.19	0.00		
1245	175.60	7.11	644	14.3	260.2	3.93	0.00		sampled @ 1250
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:		Flow Rate:	225 mL/min
Laboratory:	Anatek; onsite	Date Sent to Lab:	Anatek on 3/18; onSite on 3/19
Shipment Method	Drop-off	Field QC Sample Number:	MW-13S

Remarks:

MS/MSD collected @ this location

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-4S**

Project Number:	553-8472-009	**Date:**	3-18-26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	B. Hines

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

Initial Depth to Water (feet below TOC):	37.82	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	49.5	**Date Purged:**	3-18-26
Bottom of Screen (feet bgs)	69.5	**Purge Time (from/to):**	1430 - 1450
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1450

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	37.82								
1430	38.06	7.93	954	13.1	271.3	8.59	0.00	60 PSI	30/20
1435	38.08	7.06	1033	12.9	268.4	3.65	0.00		
1440	38.16	7.07	1026	12.9	263.2	3.97	0.00		
1445	38.17	7.08	1024	12.9	259.1	3.94	0.00		— Sampled @ 1450
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:		**Flow Rate:**	425 mL/min.
Laboratory:	Anatek/onSite	**Date Sent to Lab:**	Anatek on 3/18; Onsite on 3/19
Shipment Method	Drop-off	**Field QC Sample Number:**	N/A

Remarks:

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: MW-5S

Project Number:	553-8472-009	**Date:**	3-17-26
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):	216.58	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	222	**Date Purged:**	3-17-26
Bottom of Screen (feet bgs)	243	**Purge Time (from/to):**	~~1030-1120~~ STM 1030-1140
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1145

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C) ms/cm	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (NTU)	PUMP SETTING
Initial	216.58		0.457					
1040	216.6	7.67	0.515	14.3	-13	4.04	0.0	150psi ✓ 40/20
1045	216.65	7.88	0.52	14.3	-106.3	2.58	0.0	
1050	-	8.15	0.488	14.3	-145.9	2.18	0.0	
1055	216.7	7.97	0.42	14.4	-157.3	1.78	0.0	
1100	-	8.01	0.367	14.4	-160.8	1.25	0.0	
1105	216.7	7.98	0.334	14.4	-155.2	0.89	0.0	
1110	-	7.95	0.315	14.4	-140.8	0.98	0.0	
1115	216.7	7.85	0.298	14.4	-117.4	1.27	0.0	
1120	-	7.83	0.287	14.4	-100.1	1.57	0.0	
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	235 mL/min.
Laboratory:	Anatek; Onsite Labs	**Date Sent to Lab:**	Anatek (3-17-26) Onsite (3-19-26)
Shipment Method	Dropoff	**Field QC Sample Number:**	N/A

Remarks:

TIME	DTW	pH	Ec	Temp	Redox	DO	NTU
1125	-	7.82	0.281	14.4	-85.3	1.48	0.0
1130	216.7	7.8	0.278	14.4	-78.5	1.64	0.0
1135	-	7.87	0.276	14.5	-71.3	1.57	
1140	216.67	7.80	0.275	14.5	-67.6	1.53	0.0

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: MW-6S

Project Number:	553-8472-009	**Date:**	3-18-26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	B. Hines

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

Initial Depth to Water (feet below TOC):	96.35	**Purge Rate Measurement Method:**	YSI Pro
Top of Screen (feet bgs):	110	**Date Purged:**	3-18-26
Bottom of Screen (feet bgs)	130	**Purge Time (from/to):**	1345 - 1400
Reference Point (surveyor's notch, etc.):	_____	**Time Sampled:**	1405

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	96.35								
1345	-	7.69	564	12.1	271.5	10.19	0.00	10/31	40/20
1350	96.61	7.23	610	12.5	277.0	3.54	0.00		
1355	97.43	7.26	626	12.6	270.4	3.49	0.00		
1400	97.85	7.27	620	12.6	267.1	3.54	0.06		← Sampled @1405
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:		**Flow Rate:**	430 mL/min.
Laboratory:	Anatek; onsite	**Date Sent to Lab:**	3/17 & 3/18
Shipment Method	Drop-off	**Field QC Sample Number:**	N/A

Remarks:

Signature: [signature]

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-11S**

Project Number:	553-8472-009	**Date:**	3/18/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	Rocky Top	**Sampled By:**	Bri Hanes

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

Initial Depth to Water (feet):	115.87	**Purge Rate Measurement Method:**	YSI Probe
Depth of Well (feet):	239	**Date Purged:**	3/18/26
Top of Screen (feet)	219	**Purge Time (from/to):**	0940-1020
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1020

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	115.87								
~~0935~~ 0940	____	7.94	234.6	11.4	350.9	8.83	0.0	120	30/20
0945	116.12	7.84	248.6	12.9	~~248.6~~ 343	5.56	0.16	____	
0950	116.41	7.83	249.8	12.8	339.9	3.49	0.26	____	
0955	116.59	7.80	250.9	13.0	328.0	2.37	0.05	____	
1000	116.70	7.82	251.1	12.8	308.2	1.90	0.38	____	
1005	117.43	7.86	253.5	13.0	253.6	2.33	0.05	140	30/20
1010	____	7.94	255.4	13.1	292.3	2.29	0.00	____	
1015	117.83	7.95	255.8	13.2	291.3	2.31	0.01	____	
1020	____	____	____	____	____	____	____	____	sampled @1020
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:	YSI Probe	**Flow Rate:**	450 mL/min
Laboratory:	Anatek, OnSite Env.	**Date Sent to Lab:**	~~Anatek~~ Anatek(3-18-26); OnSite(3-19-26)
Shipment Method	Drop-off	**Field QC Sample Number:**	N/A

Remarks:

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: MW-7D

Project Number:	553-8472-009	**Date:**	3/17/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Brittney / Stephanie T-M

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

Initial Depth to Water (feet below TOC):	448.19	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	475	**Date Purged:**	3/17/26
Bottom of Screen (feet bgs)	495	**Purge Time (from/to):**	1240 - 1345
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1345

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (~~µmhos/cm~~ 25°C) mS/cm	TEMP °C	Redox (mv)	Dissolved Oxygen mg/L	TURBIDITY (NTU)	PUMP SETTING
Initial								
~~1240~~		~~7.40~~	~~0.182~~					
1245	448.19	7.40	0.182	14.9	104.9	~~7.3~~ 6.33	0.00	250psi/
1250	448.20	7.32	0.179	14.7	110.3	5.96	0.00	40/35
1255	"	7.31	0.179	14.7	110.9	5.81	0.00	
1300	448.20	7.45	0.179	14.6	110.4	4.61	0.24	
1305	448.21	7.52	0.179	14.6	100.6	2.08	0.00	
1310	"	7.62	0.179	14.6	87.6	1.19	0.00	
1315	"	7.69	0.179	14.6	77.4	0.88	0.00	
1320	448.19	7.73	0.179	14.6	70.0	0.77	0.00	
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	200 mL/min
Laboratory:	Anatek; Onsite	**Date Sent to Lab:**	Anatek (3-17-26); Onsite Labs (3-19-26)
Shipment Method	Drop-off	**Field QC Sample Number:**	N/A

Remarks:

TIME	DTW	pH	EC	Temp	Redox	DO	NTU
1325	448.20	7.74	0.179	14.7	46.7	0.48	0.00
1330	"	7.81	0.179	14.6	30.0	0.35	0.00
1335	448.21	7.77	0.179	14.7	15.6	0.30	0.00

Signature:

TIME	DTW	PH	EC	Temp	Redox	DO	NTU
1340	448.21	7.81	0.179	14.9	6.0	0.26	0.0

Sampled @ 1345

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: MW-8D

Project Number:	553-8472-009	**Date:**	3-18-26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	B. Hines

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

Initial Depth to Water (feet below TOC):	303.60	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	375	**Date Purged:**	3-18-26
Bottom of Screen (feet bgs)	405	**Purge Time (from/to):**	1515-1545
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1545

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	303.60								
1515	302.30	8.13	391.3	13.2	246.9	7.88	0.00	230	psi/30/30
1520	302.28	7.95	393.4	14.6	255.1	1.32	0.72	____	
1525	302.40	7.92	~~251.8~~ 495.2 stm	14.7	251.7	0.30	0.08	____	
1530	302.82	7.90	453.0	14.6	246.2	0.18	0.00	____	
1535	____	7.89	453.4	14.6	244.1	0.20	0.00	____	
1540	303.48	7.91	454.1	14.5	239.9	0.23	0.00	____	← sampled @ 1545
____	____	____	____	____	____	____	____	____	
____	____	____	____	____	____	____	____	____	
____	____	____	____	____	____	____	____	____	
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:		**Flow Rate:**	445 mL/min
Laboratory:	Anatek; OnSite	**Date Sent to Lab:**	3/18; 3/19
Shipment Method	Drop-off	**Field QC Sample Number:**	NA

Remarks:

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-9D**

Project Number:	553-8472-009	**Date:**	3-18-26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	BH, STM

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

Initial Depth to Water (feet below TOC):	432.15	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	420	**Date Purged:**	3/18/26
Bottom of Screen (feet bgs)	440	**Purge Time (from/to):**	1050-1145
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1150

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	432.15								
~~1050~~								240ml	60/40
1055		7.31	408.9	14.0	288.0	2.77	1.00		
1100	432.33	7.18	408.7	14.0	285.8	2.50	0.35		
1105		7.12	410.3	14.3	281.8	1.95	0.25		
1110	432.64	7.11	411.2	14.4	275.2	1.02	0.50		switched tanks (timegap)
~~1125~~ 1130	432.91	7.11	410.5	14.4	253.7	0.75	0.59		switched Tanks @ 1115
~~1130~~ 1135		7.05	408.7	14.2	243.9	0.35	0.39		
~~1135~~ 1140	433.10	7.01	408.7	14.2	229.0	0.22	0.41		
~~1140~~ 1145	433.15	6.99	406.8	14.3	215.0	0.14	0.49		Sampled @ 1150
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment: YSI Probe **Flow Rate:** 175 mL/min

Laboratory: Anatek; onsite Lab **Date Sent to Lab:** 3/18 ; 3/19

Shipment Method Drop off **Field QC Sample Number:** N/A

Remarks:

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-10D**

Project Number:	553-8472-009	**Date:**	3-19-26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	B. Hines

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

Initial Depth to Water (feet below TOC):	80.77	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	147	**Date Purged:**	3-19-26
Bottom of Screen (feet bgs)	167	**Purge Time (from/to):**	~~0820~~ 0815-
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 (NTU)	PUMP SETTING	
Initial	80.77								
0820		7.92	197.6	11.6	372.9	8.41	1.50	95 psi	20/10
0825	80.88	7.89	206.5	13.0	371.8	7.46	0.06		
0830	80.97	7.81	211.7	13.5	368.6	7.15	0.00		
0835	80.97	7.73	216.0	13.5	366.1	6.11	0.00	95 psi	30/30
0840		7.39	217.2	14.0	366.3	7.38	0.00	110 psi	30/30
0845	81.96	7.45	216.1	13.9	364.4	3.83	0.00		
0850	82.14	7.44	215.5	13.9	363.7	3.81	0.00		
0855	82.15	7.45	215.3	13.8	363.0	3.91	0.00		
									Sampled @ 0900
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0		

Purge Equipment:		**Flow Rate:**	360 mL/min
Laboratory:	Anatek, onsite	**Date Sent to Lab:**	Anatek + onsite (3-19-26)
Shipment Method	YSI Probe	**Field QC Sample Number:**	N/A

Remarks:

Signature:

DTG Debris to Green Recycling

Field Data Sheet

Well #: **Leachate Pond**

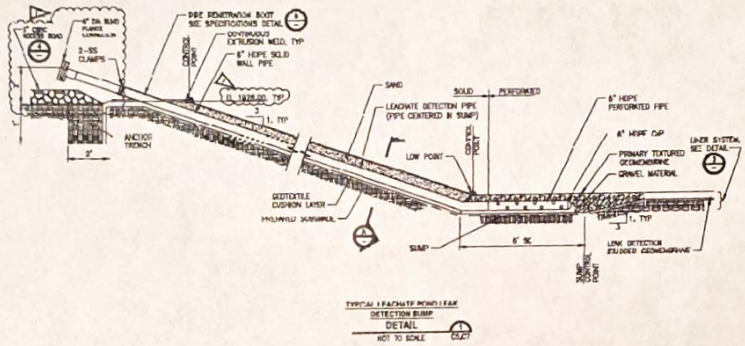
Project Number:	553-8472-009	**Date:**	3-19-26
Project Name:	Yakima LPL	**Client Name**	DTG Recycle
Project Address:	41 Rocky Top Road Yakima, WA	**Measured By:**	B Hines & S. Talaia-Murray

TIME (2400 hr)	Depth to Water from top of Cleanout Pipe (ft)	Depth of Water in Leachate Pond (ft)
0925	Dry	2.2

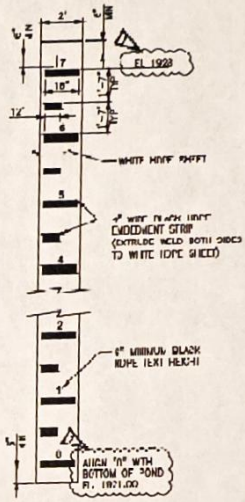
Remarks:

Top 1928 ft, bottom 1921 ft; approximate length of pipe 22 ft (3:1)

Pond design:



TYPICAL LEACHATE POND LEAK DETECTION SUMP DETAIL
NOT TO SCALE



TYPICAL DEPTH MARKER DETAIL
NOT TO SCALE

Signature:

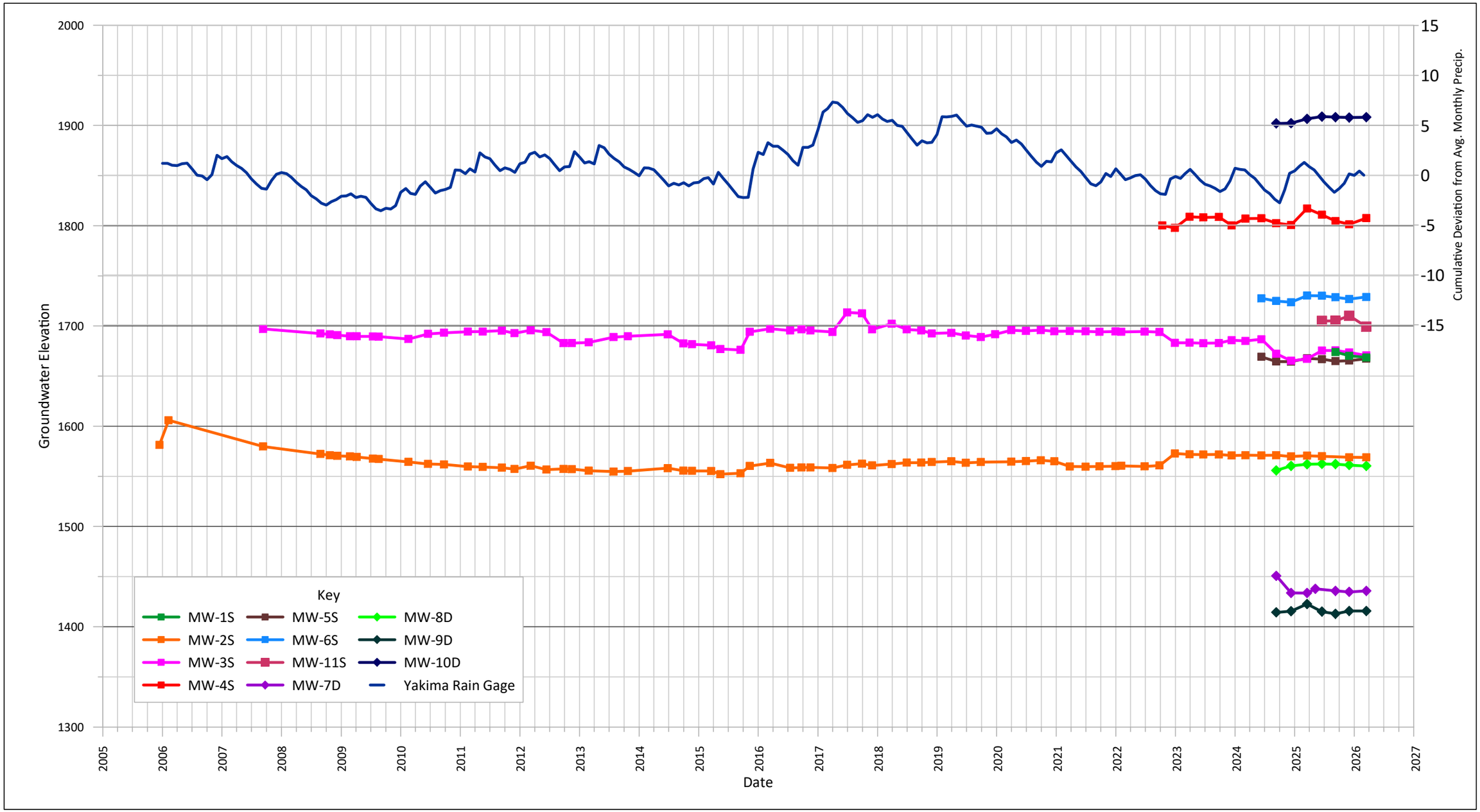
Table A-1. Groundwater Elevations, First Quarter 2026, Rocky Top Environmental Limited Purpose Landfill

Well Number	Measurement Date	Elevation Top of PVC Casing (feet)	Depth to Groundwater (feet below top of casing)	Groundwater Elevation (feet)
MW-1S	3/17/2026	1776.94	108.42	1668.52
MW-2S	3/17/2026	1858.36	289.41	1568.95
MW-3S	3/17/2026	1845.92	175.40	1670.52
MW-4S	3/17/2026	1845.59	38.00	1807.59
MW-5S	3/17/2026	1883.88	216.58	1667.30
MW-6S	3/17/2026	1825.31	96.40	1728.91
MW-11S	3/17/2026	1823.22	115.83	1707.39
MW-7D	3/17/2026	1883.88	448.15	1435.73
MW-8D	3/17/2026	1863.94	303.64	1560.30
MW-9D	3/17/2026	1847.49	431.80	1415.69
MW-10D	3/17/2026	1988.77	80.62	1908.15

Notes:

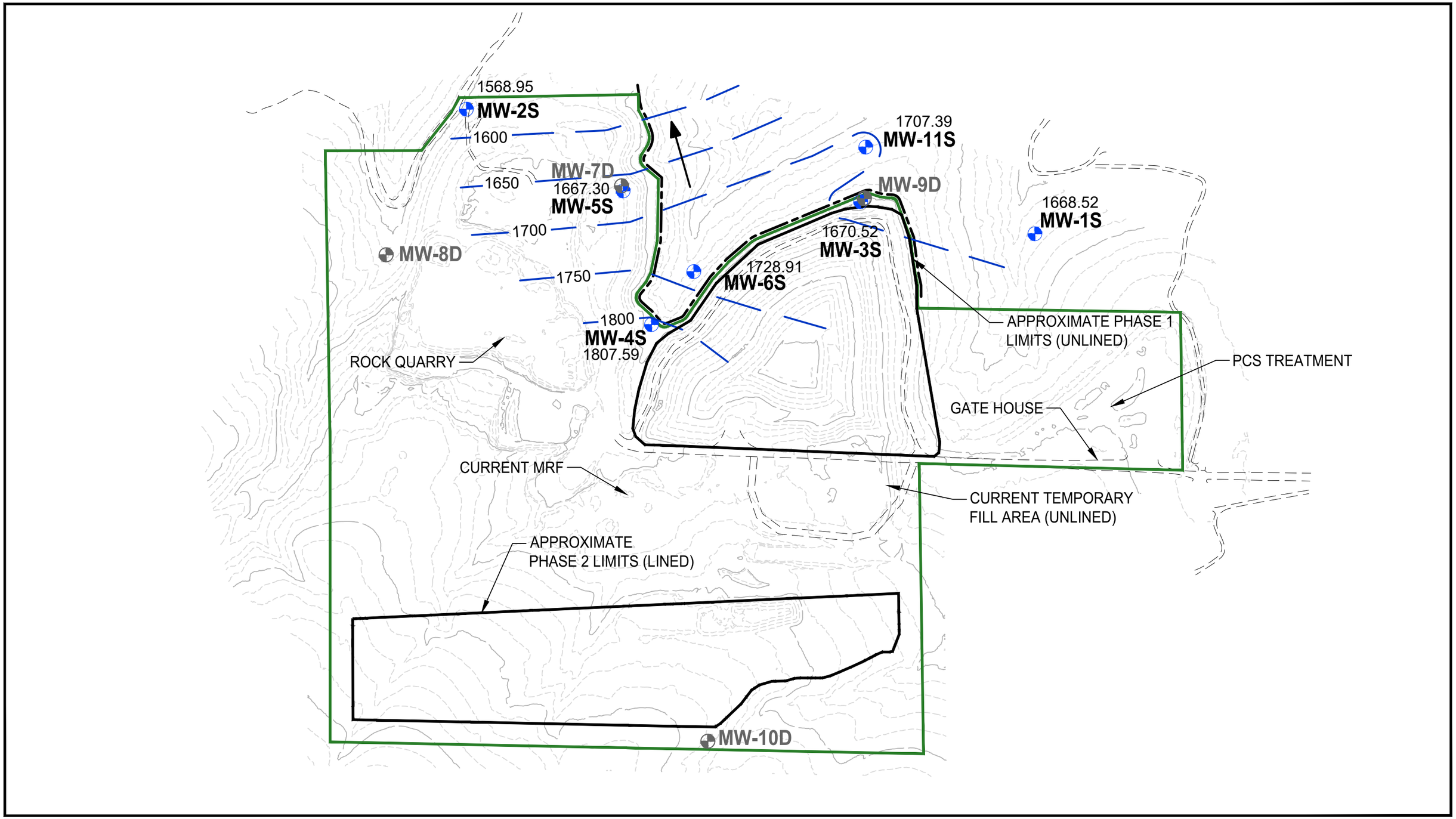
Elevation datum based on NAD83

NA = Not measured



Parametrix

Figure A-1
Water Level Summary
Rocky Top Environmental Limited Purpose Landfill



Parametrix DATE: June 8, 2026 FILE: PS8472012-QUARTERLYRPT FIGURE 4-5 -Q4

0 N 400
1 INCH = 400 FT.

1807.59 Monitoring Well with Water Level Elevation in feet measured on September 9, 2025

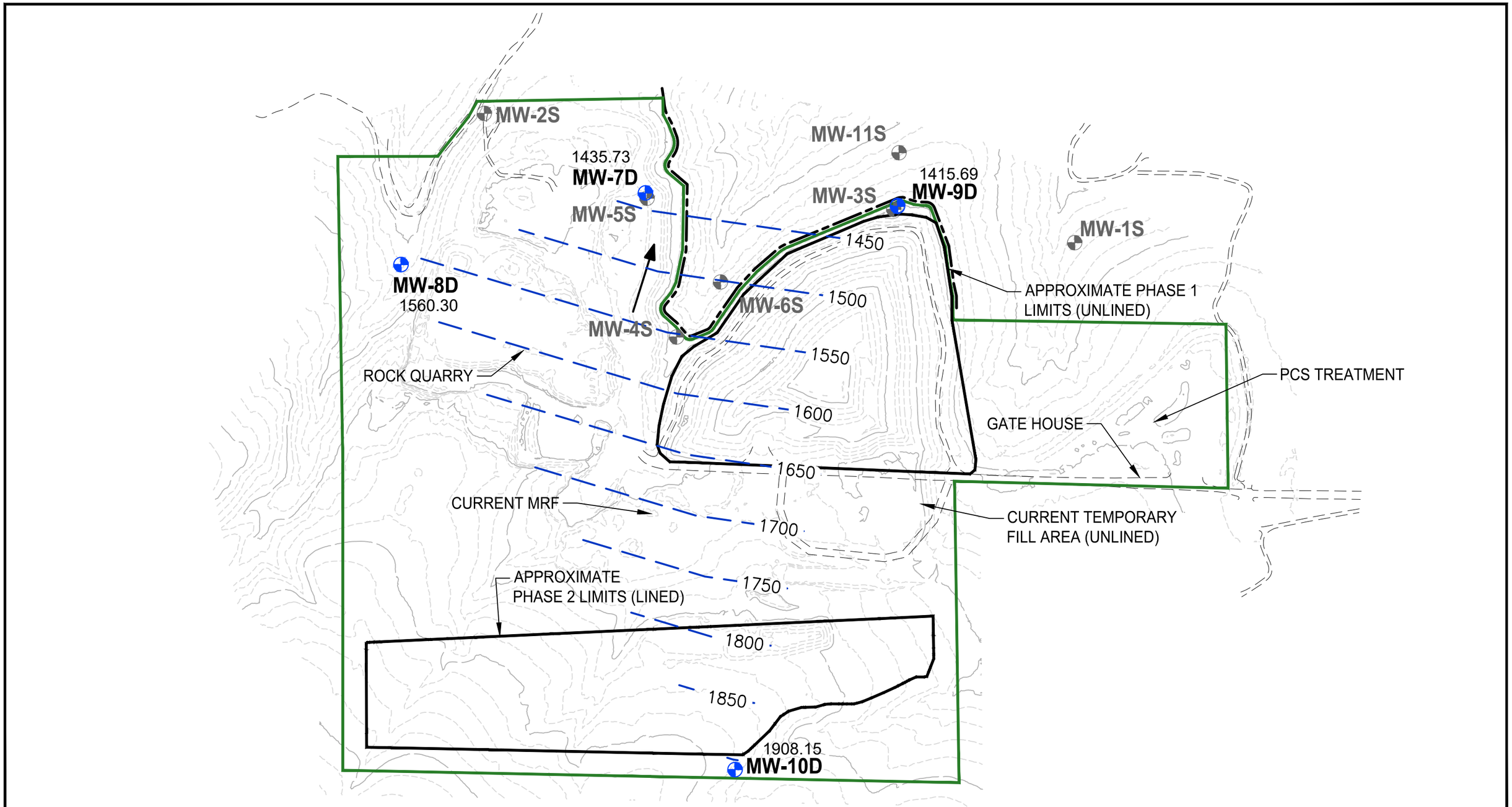
Monitoring Well not used in contours

Approximate Groundwater flow direction

1700 Groundwater Elevation Contour (ft)

LPL Facility Boundary

Figure A-2
First Quarter 2026
Shallow Aquifer Potentiometric Surface
Rocky Top Environmental Limited Purpose Landfill



Parametrix DATE: May 19, 2026 FILE: PS8472012-QUARTERLYRPT FIGURE 4-5 -Q4

0 N 400
1 INCH = 400 FT.

1908.15 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 A-3
First Quarter 2026
Interflow Zone Potentiometric Surface
Rocky Top Environmental Limited Purpose Landfill

Appendix B

Laboratory Results

Laboratory Report

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

April 28, 2026

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

Re: Analytical Data for Project 553-8472-009
Laboratory Reference No. 2603-286

Dear Laura:

Enclosed are the analytical results and associated quality control data for samples submitted on March 19, 2026.

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

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
Project: 553-8472-009

Case Narrative

Samples were collected on March 18 and 19, 2026 and received by the laboratory on March 19, 2026. 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.

Volatiles EPA 8260D Analysis

The percent recovery for one or more analytes is outside the control limits in the Spike Blank. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

The percent recovery for one or more analytes is outside the control limits in the Matrix Spike and Matrix Spike Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

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.

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Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Chloromethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Bromomethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Chloroethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Acetone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Iodomethane	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Carbon Disulfide	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methylene Chloride	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Acrylonitrile	ND	0.50	EPA 8260D	3-24-26	3-24-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Vinyl Acetate	ND	1.3	EPA 8260D	3-24-26	3-24-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
2-Butanone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Bromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Chloroform	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Benzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Trichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Dibromomethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromodichloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Toluene	ND	1.0	EPA 8260D	3-24-26	3-24-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Tetrachloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
2-Hexanone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Dibromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Chlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Ethylbenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
m,p-Xylene	ND	0.40	EPA 8260D	3-24-26	3-24-26	
o-Xylene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Styrene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromoform	ND	1.0	EPA 8260D	3-24-26	3-24-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(trans) 1,4-Dichloro-2-butene	ND	0.50	EPA 8260D	3-24-26	3-24-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Naphthalene	ND	1.6	EPA 8260D	3-24-26	3-24-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*98*	*78-117*				

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Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Chloromethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Bromomethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Chloroethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Acetone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Iodomethane	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Carbon Disulfide	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methylene Chloride	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Acrylonitrile	ND	0.50	EPA 8260D	3-24-26	3-24-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Vinyl Acetate	ND	1.3	EPA 8260D	3-24-26	3-24-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
2-Butanone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Bromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Chloroform	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Benzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Trichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Dibromomethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromodichloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Toluene	ND	1.0	EPA 8260D	3-24-26	3-24-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Tetrachloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
2-Hexanone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Dibromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Chlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Ethylbenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
m,p-Xylene	ND	0.40	EPA 8260D	3-24-26	3-24-26	
o-Xylene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Styrene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromoform	ND	1.0	EPA 8260D	3-24-26	3-24-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(trans) 1,4-Dichloro-2-butene	ND	0.50	EPA 8260D	3-24-26	3-24-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Naphthalene	ND	1.6	EPA 8260D	3-24-26	3-24-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*101*	*79-123*				
4-Bromofluorobenzene	*97*	*78-117*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Chloromethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Bromomethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Chloroethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Acetone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Iodomethane	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Carbon Disulfide	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methylene Chloride	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Acrylonitrile	ND	0.50	EPA 8260D	3-24-26	3-24-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Vinyl Acetate	ND	1.3	EPA 8260D	3-24-26	3-24-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
2-Butanone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Bromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Chloroform	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Benzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Trichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Dibromomethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromodichloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Toluene	ND	1.0	EPA 8260D	3-24-26	3-24-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Tetrachloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
2-Hexanone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Dibromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Chlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Ethylbenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
m,p-Xylene	ND	0.40	EPA 8260D	3-24-26	3-24-26	
o-Xylene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Styrene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromoform	ND	1.0	EPA 8260D	3-24-26	3-24-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(trans) 1,4-Dichloro-2-butene	ND	0.50	EPA 8260D	3-24-26	3-24-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Naphthalene	ND	1.6	EPA 8260D	3-24-26	3-24-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*97*	*78-117*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Chloromethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Bromomethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Chloroethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Acetone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Iodomethane	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Carbon Disulfide	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methylene Chloride	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Acrylonitrile	ND	0.50	EPA 8260D	3-24-26	3-24-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Vinyl Acetate	ND	1.3	EPA 8260D	3-24-26	3-24-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
2-Butanone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Bromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Chloroform	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Benzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Trichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Dibromomethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromodichloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Toluene	ND	1.0	EPA 8260D	3-24-26	3-24-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Tetrachloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
2-Hexanone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Dibromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Chlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Ethylbenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
m,p-Xylene	ND	0.40	EPA 8260D	3-24-26	3-24-26	
o-Xylene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Styrene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromoform	ND	1.0	EPA 8260D	3-24-26	3-24-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(trans) 1,4-Dichloro-2-butene	ND	0.50	EPA 8260D	3-24-26	3-24-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Naphthalene	ND	1.6	EPA 8260D	3-24-26	3-24-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*68-133*				
Toluene-d8	*99*	*79-123*				
4-Bromofluorobenzene	*97*	*78-117*				

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Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
Project: 553-8472-009

VOLATILE ORGANICS EPA 8260D/SIM
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
Chloromethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Bromomethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Chloroethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Acetone	6.7	5.0	EPA 8260D	3-24-26	3-24-26	
Iodomethane	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Carbon Disulfide	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methylene Chloride	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Acrylonitrile	ND	0.50	EPA 8260D	3-24-26	3-24-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Vinyl Acetate	ND	1.3	EPA 8260D	3-24-26	3-24-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
2-Butanone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Bromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Chloroform	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Benzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Trichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Dibromomethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromodichloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Toluene	ND	1.0	EPA 8260D	3-24-26	3-24-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Tetrachloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
2-Hexanone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Dibromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Chlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Ethylbenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
m,p-Xylene	ND	0.40	EPA 8260D	3-24-26	3-24-26	
o-Xylene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Styrene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromoform	ND	1.0	EPA 8260D	3-24-26	3-24-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(trans) 1,4-Dichloro-2-butene	ND	0.50	EPA 8260D	3-24-26	3-24-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Naphthalene	ND	1.6	EPA 8260D	3-24-26	3-24-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*97*	*78-117*				

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VOLATILE ORGANICS EPA 8260D/SIM
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TRIP BLANK**					
Laboratory ID:	03-286-14					
Chloromethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Bromomethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Chloroethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Acetone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Iodomethane	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Carbon Disulfide	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methylene Chloride	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Acrylonitrile	ND	0.50	EPA 8260D	3-24-26	3-24-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Vinyl Acetate	ND	1.3	EPA 8260D	3-24-26	3-24-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
2-Butanone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Bromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Chloroform	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Benzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Trichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Dibromomethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromodichloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Toluene	ND	1.0	EPA 8260D	3-24-26	3-24-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Tetrachloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TRIP BLANK**					
Laboratory ID:	03-286-14					
2-Hexanone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Dibromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Chlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Ethylbenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
m,p-Xylene	ND	0.40	EPA 8260D	3-24-26	3-24-26	
o-Xylene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Styrene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromoform	ND	1.0	EPA 8260D	3-24-26	3-24-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(trans) 1,4-Dichloro-2-butene	ND	0.50	EPA 8260D	3-24-26	3-24-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Naphthalene	ND	1.6	EPA 8260D	3-24-26	3-24-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*100*	*78-117*				

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VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0324W1					
Chloromethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Bromomethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Chloroethane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Acetone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Iodomethane	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Carbon Disulfide	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methylene Chloride	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Acrylonitrile	ND	0.50	EPA 8260D	3-24-26	3-24-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Vinyl Acetate	ND	1.3	EPA 8260D	3-24-26	3-24-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
2-Butanone	ND	5.0	EPA 8260D	3-24-26	3-24-26	
Bromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Chloroform	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Benzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Trichloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Dibromomethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromodichloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Toluene	ND	1.0	EPA 8260D	3-24-26	3-24-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Tetrachloroethene	ND	0.20	EPA 8260D	3-24-26	3-24-26	

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VOLATILE ORGANICS EPA 8260D/SIM
QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0324W1					
2-Hexanone	ND	2.0	EPA 8260D	3-24-26	3-24-26	
Dibromochloromethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	3-24-26	3-24-26	
Chlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Ethylbenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
m,p-Xylene	ND	0.40	EPA 8260D	3-24-26	3-24-26	
o-Xylene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Styrene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
Bromoform	ND	1.0	EPA 8260D	3-24-26	3-24-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	3-24-26	3-24-26	
(trans) 1,4-Dichloro-2-butene	ND	0.50	EPA 8260D	3-24-26	3-24-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	3-24-26	3-24-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	3-24-26	3-24-26	
Naphthalene	ND	1.6	EPA 8260D	3-24-26	3-24-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*98*	*78-117*				

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QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-286-03										
	MS	MSD	MS	MSD		MS	MSD				
Chloromethane	**10.8**	**11.0**	10.0	10.0	ND	108	110	49-136	2	27	
Vinyl Chloride	**10.1**	**10.0**	10.0	10.0	ND	101	100	69-126	1	16	
Bromomethane	**18.1**	**19.0**	10.0	10.0	ND	181	190	32-158	5	24	I,I
Chloroethane	**8.88**	**8.97**	10.0	10.0	ND	89	90	62-125	1	14	
Trichlorofluoromethane	**11.9**	**11.9**	10.0	10.0	ND	119	119	80-128	0	16	
1,1-Dichloroethene	**10.0**	**10.1**	10.0	10.0	ND	100	101	73-125	1	15	
Acetone	**8.53**	**9.61**	10.0	10.0	ND	85	96	37-164	12	29	
Iodomethane	**17.8**	**18.1**	10.0	10.0	ND	178	181	35-141	2	25	I,I
Carbon Disulfide	**10.3**	**10.4**	10.0	10.0	ND	103	104	55-127	1	17	
Methylene Chloride	**8.41**	**8.34**	10.0	10.0	ND	84	83	63-118	1	16	
(trans) 1,2-Dichloroethene	**9.85**	**9.97**	10.0	10.0	ND	99	100	70-127	1	16	
1,1-Dichloroethane	**9.50**	**9.48**	10.0	10.0	ND	95	95	71-126	0	15	
Vinyl Acetate	**7.71**	**7.80**	10.0	10.0	ND	77	78	60-140	1	17	
(cis) 1,2-Dichloroethene	**9.85**	**9.86**	10.0	10.0	ND	99	99	71-130	0	16	
2-Butanone	**9.19**	**8.82**	10.0	10.0	ND	92	88	56-143	4	19	
Bromochloromethane	**10.5**	**9.90**	10.0	10.0	ND	105	99	68-133	6	17	
Chloroform	**9.65**	**9.29**	10.0	10.0	ND	97	93	68-127	4	16	
1,1,1-Trichloroethane	**9.92**	**9.87**	10.0	10.0	ND	99	99	74-127	1	17	
Carbon Tetrachloride	**9.96**	**10.1**	10.0	10.0	ND	100	101	72-134	1	18	
Benzene	**9.67**	**9.51**	10.0	10.0	ND	97	95	69-129	2	16	
1,2-Dichloroethane	**10.3**	**10.1**	10.0	10.0	ND	103	101	71-134	2	17	
Trichloroethene	**10.5**	**10.5**	10.0	10.0	ND	105	105	74-134	0	12	
1,2-Dichloropropane	**9.21**	**9.05**	10.0	10.0	ND	92	91	74-130	2	17	
Dibromomethane	**10.8**	**10.6**	10.0	10.0	ND	108	106	74-140	2	16	
Bromodichloromethane	**9.42**	**9.33**	10.0	10.0	ND	94	93	77-137	1	17	
(cis) 1,3-Dichloropropene	**9.63**	**9.55**	10.0	10.0	ND	96	96	73-137	1	17	
Methyl Isobutyl Ketone	**8.43**	**8.48**	10.0	10.0	ND	84	85	61-146	1	19	
Toluene	**9.12**	**9.05**	10.0	10.0	ND	91	91	71-128	1	19	
(trans) 1,3-Dichloropropene	**8.73**	**8.52**	10.0	10.0	ND	87	85	70-136	2	18	
1,1,2-Trichloroethane	**8.72**	**8.55**	10.0	10.0	ND	87	86	68-146	2	16	
Tetrachloroethene	**10.1**	**9.86**	10.0	10.0	ND	101	99	78-132	2	22	
2-Hexanone	**8.05**	**8.31**	10.0	10.0	ND	81	83	57-154	3	25	

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Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	03-286-03										
	MS	MSD	MS	MSD		MS	MSD				
Dibromochloromethane	**8.51**	**8.66**	10.0	10.0	ND	85	87	51-160	2	27	
1,2-Dibromoethane	**9.43**	**9.35**	10.0	10.0	ND	94	94	74-133	1	16	
Chlorobenzene	**9.35**	**9.43**	10.0	10.0	ND	94	94	83-121	1	16	
1,1,1,2-Tetrachloroethane	**9.57**	**9.64**	10.0	10.0	ND	96	96	82-129	1	17	
Ethylbenzene	**8.78**	**8.73**	10.0	10.0	ND	88	87	84-123	1	17	
m,p-Xylene	**18.3**	**18.0**	20.0	20.0	ND	92	90	82-125	2	17	
o-Xylene	**8.98**	**8.87**	10.0	10.0	ND	90	89	83-123	1	17	
Styrene	**9.23**	**9.09**	10.0	10.0	ND	92	91	83-128	2	19	
Bromoform	**9.29**	**9.05**	10.0	10.0	ND	93	91	69-135	3	18	
1,1,2,2-Tetrachloroethane	**7.98**	**7.92**	10.0	10.0	ND	80	79	75-138	1	17	
1,2,3-Trichloropropane	**8.12**	**8.15**	10.0	10.0	ND	81	82	64-131	0	18	
1,4-Dichlorobenzene	**8.88**	**8.93**	10.0	10.0	ND	89	89	79-127	1	15	
1,2-Dichlorobenzene	**8.96**	**9.10**	10.0	10.0	ND	90	91	80-130	2	16	
1,2-Dibromo-3-chloropropane	**7.51**	**7.90**	10.0	10.0	ND	75	79	68-139	5	19	
Naphthalene	**7.00**	**7.11**	10.0	10.0	ND	70	71	67-142	2	23	
Surrogate:											
Dibromofluoromethane						*104*	*104*	*68-133*			
Toluene-d8						*100*	*101*	*79-123*			
4-Bromofluorobenzene						*100*	*99*	*78-117*			

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Matrix: Water
Units: ug/L

Analyte	Result	Spike Level	Percent Recovery	Recovery Limits	Flags
SPIKE BLANK					
Laboratory ID:	SB0324W1				
Chloromethane	**12.3**	10.0	123	38-141	
Vinyl Chloride	**11.3**	10.0	113	67-131	
Bromomethane	**17.4**	10.0	174	30-155	I
Chloroethane	**9.64**	10.0	96	63-130	
Trichlorofluoromethane	**12.4**	10.0	124	80-131	
1,1-Dichloroethene	**10.5**	10.0	105	77-125	
Acetone	**8.32**	10.0	83	45-135	
Iodomethane	**18.8**	10.0	188	27-146	I
Carbon Disulfide	**10.7**	10.0	107	41-150	
Methylene Chloride	**9.21**	10.0	92	66-123	
(trans) 1,2-Dichloroethene	**10.3**	10.0	103	76-126	
1,1-Dichloroethane	**9.85**	10.0	99	75-126	
Vinyl Acetate	**7.80**	10.0	78	57-139	
(cis) 1,2-Dichloroethene	**10.2**	10.0	102	77-129	
2-Butanone	**8.73**	10.0	87	62-129	
Bromochloromethane	**10.0**	10.0	100	72-129	
Chloroform	**9.74**	10.0	97	72-125	
1,1,1-Trichloroethane	**10.3**	10.0	103	79-127	
Carbon Tetrachloride	**10.4**	10.0	104	78-131	
Benzene	**9.84**	10.0	98	75-126	
1,2-Dichloroethane	**10.2**	10.0	102	74-128	
Trichloroethene	**10.8**	10.0	108	80-130	
1,2-Dichloropropane	**9.28**	10.0	93	80-124	
Dibromomethane	**10.8**	10.0	108	80-131	
Bromodichloromethane	**9.58**	10.0	96	81-131	
(cis) 1,3-Dichloropropene	**9.86**	10.0	99	74-136	
Methyl Isobutyl Ketone	**8.09**	10.0	81	67-132	
Toluene	**9.49**	10.0	95	75-127	
(trans) 1,3-Dichloropropene	**8.91**	10.0	89	69-137	
1,1,2-Trichloroethane	**9.21**	10.0	92	80-122	
Tetrachloroethene	**10.5**	10.0	105	80-130	
2-Hexanone	**8.11**	10.0	81	67-130	

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Analyte	Result	Spike Level	Percent Recovery	Recovery Limits	Flags
SPIKE BLANK					
Laboratory ID:	SB0324W1				
Dibromochloromethane	**8.92**	10.0	89	58-149	
1,2-Dibromoethane	**9.56**	10.0	96	82-127	
Chlorobenzene	**9.78**	10.0	98	80-120	
1,1,1,2-Tetrachloroethane	**10.2**	10.0	102	80-127	
Ethylbenzene	**9.34**	10.0	93	80-124	
m,p-Xylene	**19.1**	20.0	96	80-124	
o-Xylene	**9.48**	10.0	95	80-123	
Styrene	**9.80**	10.0	98	82-125	
Bromoform	**9.63**	10.0	96	66-136	
1,1,2,2-Tetrachloroethane	**8.56**	10.0	86	78-124	
1,2,3-Trichloropropane	**8.54**	10.0	85	67-123	
1,4-Dichlorobenzene	**9.67**	10.0	97	78-123	
1,2-Dichlorobenzene	**9.85**	10.0	99	79-125	
1,2-Dibromo-3-chloropropane	**8.33**	10.0	83	62-133	
Naphthalene	**6.14**	10.0	61	55-132	
Surrogate:					
Dibromofluoromethane			102	68-133	
Toluene-d8			100	79-123	
4-Bromofluorobenzene			99	78-117	

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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:	03-286-01					
Iron	**0.56**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**8.3**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**0.18**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-2S**					
Laboratory ID:	03-286-02					
Iron	**ND**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**9.1**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**ND**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Iron	**ND**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**35**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**ND**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Iron	**ND**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**65**	10	EPA 6010D	3-25-26	3-26-26	
Manganese	**ND**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-5S**					
Laboratory ID:	03-286-05					
Iron	**0.13**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**17**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**0.025**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Iron	**0.068**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**34**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**0.015**	0.010	EPA 6010D	3-25-26	3-26-26	

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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:	03-286-07					
Iron	**ND**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**17**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**ND**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Iron	**ND**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**39**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**ND**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-7D**					
Laboratory ID:	03-286-09					
Iron	**0.053**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**11**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**0.031**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-8D**					
Laboratory ID:	03-286-10					
Iron	**ND**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**26**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**ND**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-9D**					
Laboratory ID:	03-286-11					
Iron	**0.33**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**19**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**0.27**	0.010	EPA 6010D	3-25-26	3-26-26	
Client ID:	**MW-10D**					
Laboratory ID:	03-286-12					
Iron	**ND**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**12**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**ND**	0.010	EPA 6010D	3-25-26	3-26-26	

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TOTAL METALS
EPA 6010D

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
Iron	**0.28**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**100**	10	EPA 6010D	3-25-26	3-26-26	
Manganese	**0.10**	0.010	EPA 6010D	3-25-26	3-26-26	

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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:	MB0325WH2					
Iron	**ND**	0.050	EPA 6010D	3-25-26	3-26-26	
Magnesium	**ND**	1.0	EPA 6010D	3-25-26	3-26-26	
Manganese	**ND**	0.010	EPA 6010D	3-25-26	3-26-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	03-320-01									
	ORIG	DUP								
Iron	**1.37**	**1.41**	NA	NA		NA	NA	3	20	
Magnesium	**2.21**	**2.29**	NA	NA		NA	NA	4	20	
Manganese	**0.289**	**0.298**	NA	NA		NA	NA	3	20	
MATRIX SPIKES										
Laboratory ID:	03-320-01									
	MS	MSD	MS	MSD		MS	MSD			
Iron	**21.3**	**20.7**	20.0	20.0	1.37	**100**	**97**	75-125	3	20
Magnesium	**22.7**	**22.2**	20.0	20.0	2.21	**102**	**100**	75-125	2	20
Manganese	**0.761**	**0.744**	0.500	0.500	0.289	**94**	**91**	75-125	2	20
SPIKE BLANK										
Laboratory ID:	SB0325WH2									
Iron	**20.2**		20.0		N/A	**101**	80-120			
Magnesium	**21.1**		20.0		N/A	**105**	80-120			
Manganese	**0.512**		0.500		N/A	**102**	80-120			

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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:	03-286-01					
Calcium	**13**	1.1	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**7.9**	1.1	EPA 6010D		3-30-26	
Manganese	**0.019**	0.011	EPA 6010D		3-30-26	
Potassium	**2.6**	1.1	EPA 6010D		3-30-26	
Sodium	**14**	1.1	EPA 6010D		3-30-26	
Client ID:	**MW-2S**					
Laboratory ID:	03-286-02					
Calcium	**13**	1.1	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**8.6**	1.1	EPA 6010D		3-30-26	
Manganese	**ND**	0.011	EPA 6010D		3-30-26	
Potassium	**3.0**	1.1	EPA 6010D		3-30-26	
Sodium	**9.1**	1.1	EPA 6010D		3-30-26	
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Calcium	**53**	5.0	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**35**	1.1	EPA 6010D		3-30-26	
Manganese	**ND**	0.011	EPA 6010D		3-30-26	
Potassium	**4.9**	1.1	EPA 6010D		3-30-26	
Sodium	**20**	1.1	EPA 6010D		3-30-26	
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Calcium	**90**	5.0	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**64**	5.0	EPA 6010D		3-30-26	
Manganese	**ND**	0.011	EPA 6010D		3-30-26	
Potassium	**6.7**	1.1	EPA 6010D		3-30-26	
Sodium	**20**	1.1	EPA 6010D		3-30-26	

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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:	03-286-05					
Calcium	**27**	1.1	EPA 6010D		3-30-26	
Iron	**0.097**	0.056	EPA 6010D		3-30-26	
Magnesium	**18**	1.1	EPA 6010D		3-30-26	
Manganese	**0.022**	0.011	EPA 6010D		3-30-26	
Potassium	**3.6**	1.1	EPA 6010D		3-30-26	
Sodium	**17**	1.1	EPA 6010D		3-30-26	
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Calcium	**47**	1.1	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**32**	1.1	EPA 6010D		3-30-26	
Manganese	**ND**	0.011	EPA 6010D		3-30-26	
Potassium	**4.7**	1.1	EPA 6010D		3-30-26	
Sodium	**17**	1.1	EPA 6010D		3-30-26	
Client ID:	**MW-11S**					
Laboratory ID:	03-286-07					
Calcium	**20**	1.1	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**15**	1.1	EPA 6010D		3-30-26	
Manganese	**ND**	0.011	EPA 6010D		3-30-26	
Potassium	**3.9**	1.1	EPA 6010D		3-30-26	
Sodium	**12**	1.1	EPA 6010D		3-30-26	
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Calcium	**49**	1.1	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**35**	1.1	EPA 6010D		3-30-26	
Manganese	**ND**	0.011	EPA 6010D		3-30-26	
Potassium	**4.8**	1.1	EPA 6010D		3-30-26	
Sodium	**20**	1.1	EPA 6010D		3-30-26	

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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:	03-286-09					
Calcium	**14**	1.1	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**10**	1.1	EPA 6010D		3-30-26	
Manganese	**0.030**	0.011	EPA 6010D		3-30-26	
Potassium	**2.9**	1.1	EPA 6010D		3-30-26	
Sodium	**10**	1.1	EPA 6010D		3-30-26	
Client ID:	**MW-8D**					
Laboratory ID:	03-286-10					
Calcium	**34**	1.1	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**24**	1.1	EPA 6010D		3-30-26	
Manganese	**ND**	0.011	EPA 6010D		3-30-26	
Potassium	**3.6**	1.1	EPA 6010D		3-30-26	
Sodium	**21**	1.1	EPA 6010D		3-30-26	
Client ID:	**MW-9D**					
Laboratory ID:	03-286-11					
Calcium	**30**	1.1	EPA 6010D		3-30-26	
Iron	**0.24**	0.056	EPA 6010D		3-30-26	
Magnesium	**19**	1.1	EPA 6010D		3-30-26	
Manganese	**0.29**	0.011	EPA 6010D		3-30-26	
Potassium	**2.4**	1.1	EPA 6010D		3-30-26	
Sodium	**21**	1.1	EPA 6010D		3-30-26	
Client ID:	**MW-10D**					
Laboratory ID:	03-286-12					
Calcium	**18**	1.1	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**11**	1.1	EPA 6010D		3-30-26	
Manganese	**ND**	0.011	EPA 6010D		3-30-26	
Potassium	**2.3**	1.1	EPA 6010D		3-30-26	
Sodium	**11**	1.1	EPA 6010D		3-30-26	

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Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
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:	MB0330D1					
Calcium	**ND**	1.1	EPA 6010D		3-30-26	
Iron	**ND**	0.056	EPA 6010D		3-30-26	
Magnesium	**ND**	1.1	EPA 6010D		3-30-26	
Manganese	**ND**	0.011	EPA 6010D		3-30-26	
Potassium	**ND**	1.1	EPA 6010D		3-30-26	
Sodium	**ND**	1.1	EPA 6010D		3-30-26	

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Project: 553-8472-009

DISSOLVED METALS
EPA 6010D
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:	03-286-03										
	ORIG	DUP									
Calcium	**52.6**	**49.1**	NA	NA		NA		NA	7	20	
Iron	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Magnesium	**35.1**	**35.2**	NA	NA		NA		NA	0	20	
Manganese	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Potassium	**4.88**	**4.88**	NA	NA		NA		NA	0	20	
Sodium	**19.8**	**19.8**	NA	NA		NA		NA	0	20	
MATRIX SPIKES											
Laboratory ID:	03-286-03										
	MS	MSD	MS	MSD		MS	MSD				
Calcium	**146**	**147**	100	100	52.6	**94**	**94**	75-125	0	20	
Iron	**21.3**	**23.5**	22.2	22.2	ND	**96**	**106**	75-125	10	20	
Magnesium	**55.1**	**55.0**	22.2	22.2	35.1	**90**	**89**	75-125	0	20	
Manganese	**0.532**	**0.534**	0.556	0.556	ND	**96**	**96**	75-125	0	20	
Potassium	**28.2**	**28.0**	22.2	22.2	4.88	**105**	**104**	75-125	1	20	
Sodium	**40.8**	**40.4**	22.2	22.2	19.8	**95**	**93**	75-125	1	20	
SPIKE BLANK											
Laboratory ID:	SB0330D1										
Calcium	**22.4**		22.2		N/A	**101**		80-120			
Iron	**20.7**		22.2		N/A	**93**		80-120			
Magnesium	**22.2**		22.2		N/A	**100**		80-120			
Manganese	**0.523**		0.556		N/A	**94**		80-120			
Potassium	**22.6**		22.2		N/A	**102**		80-120			
Sodium	**22.3**		22.2		N/A	**100**		80-120			

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Date of Report: April 28, 2026
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Laboratory Reference: 2603-286
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-1S**					
Laboratory ID:	03-286-01					
Chloride	**18**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-2S**					
Laboratory ID:	03-286-02					
Chloride	**2.1**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Chloride	**63**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Chloride	**36**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-5S**					
Laboratory ID:	03-286-05					
Chloride	**18**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Chloride	**65**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-11S**					
Laboratory ID:	03-286-07					
Chloride	**8.6**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Chloride	**65**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-7D**					
Laboratory ID:	03-286-09					
Chloride	**2.1**	2.0	SM 4500-Cl E	3-20-26	3-20-26	

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Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
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
Client ID:	**MW-8D**					
Laboratory ID:	03-286-10					
Chloride	**27**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-9D**					
Laboratory ID:	03-286-11					
Chloride	**39**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**MW-10D**					
Laboratory ID:	03-286-12					
Chloride	**2.6**	2.0	SM 4500-Cl E	3-20-26	3-20-26	
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
Chloride	**93**	2.0	SM 4500-Cl E	3-20-26	3-20-26	

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Laboratory Reference: 2603-286
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:	MB0320W1					
Chloride	**ND**	2.0	SM 4500-Cl E	3-20-26	3-20-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-286-03										
	ORIG	DUP									
Chloride	**63.1**	**64.8**	NA		NA	NA		NA	3	15	
MATRIX SPIKES											
Laboratory ID:	03-286-03										
	MS	MSD	MS	MSD		MS	MSD				
Chloride	**164**	**163**	100	100	63.1	101	100	79-131	1	20	
SPIKE BLANK											
Laboratory ID:	SB0320W1										
	SB		SB			SB					
Chloride	**47.8**		50.0		NA	96		82-123	NA	NA	

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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:	03-286-01					
Sulfate	**7.6**	5.0	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-2S**					
Laboratory ID:	03-286-02					
Sulfate	**ND**	5.0	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Sulfate	**78**	20	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Sulfate	**130**	50	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-5S**					
Laboratory ID:	03-286-05					
Sulfate	**50**	10	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Sulfate	**61**	20	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-11S**					
Laboratory ID:	03-286-07					
Sulfate	**14**	10	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Sulfate	**85**	20	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-7D**					
Laboratory ID:	03-286-09					
Sulfate	**ND**	5.0	ASTM D516-16	3-25-26	3-25-26	

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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:	03-286-10					
Sulfate	**94**	20	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-9D**					
Laboratory ID:	03-286-11					
Sulfate	**62**	10	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**MW-10D**					
Laboratory ID:	03-286-12					
Sulfate	**11**	5.0	ASTM D516-16	3-25-26	3-25-26	
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
Sulfate	**390**	130	ASTM D516-16	3-25-26	3-25-26	

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SULFATE
ASTM D516-16
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0325W1					
Sulfate	**ND**	5.0	ASTM D516-16	3-25-26	3-25-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-286-03										
	ORIG	DUP									
Sulfate	**77.5**	**79.1**	NA		NA	NA		NA	2	11	
MATRIX SPIKES											
Laboratory ID:	03-286-03										
	MS	MSD	MS	MSD		MS	MSD				
Sulfate	**121**	**119**	40.0	40.0	77.5	109	104	70-131	2	20	
SPIKE BLANK											
Laboratory ID:	SB0325W1										
	SB		SB			SB					
Sulfate	**9.13**		10.0		NA	91		83-113	NA	NA	

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Laboratory Reference: 2603-286
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-1S**					
Laboratory ID:	03-286-01					
Total Dissolved Solids	**150**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-2S**					
Laboratory ID:	03-286-02					
Total Dissolved Solids	**140**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Total Dissolved Solids	**110**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Total Dissolved Solids	**690**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-5S**					
Laboratory ID:	03-286-05					
Total Dissolved Solids	**220**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Total Dissolved Solids	**390**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-11S**					
Laboratory ID:	03-286-07					
Total Dissolved Solids	**170**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Total Dissolved Solids	**390**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-7D**					
Laboratory ID:	03-286-09					
Total Dissolved Solids	**160**	13	SM 2540C	3-23-26	3-23-26	

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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:	03-286-10					
Total Dissolved Solids	**330**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-9D**					
Laboratory ID:	03-286-11					
Total Dissolved Solids	**270**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**MW-10D**					
Laboratory ID:	03-286-12					
Total Dissolved Solids	**180**	13	SM 2540C	3-23-26	3-23-26	
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
Total Dissolved Solids	**1200**	13	SM 2540C	3-23-26	3-23-26	

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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:	MB0323W1					
Total Dissolved Solids	**ND**	13	SM 2540C	3-23-26	3-23-26	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-286-03								
	ORIG	DUP							
Total Dissolved Solids	**115**	**121**	NA	NA	NA	NA	5	40	
SPIKE BLANK									
Laboratory ID:	SB0323W1								
	SB		SB		SB				
Total Dissolved Solids	**488**		500	NA	98	72-123	NA	NA	

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Laboratory Reference: 2603-286
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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-1S**					
Laboratory ID:	03-286-01					
Total Alkalinity	**84**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-2S**					
Laboratory ID:	03-286-02					
Total Alkalinity	**80**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Total Alkalinity	**110**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Total Alkalinity	**140**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-5S**					
Laboratory ID:	03-286-05					
Total Alkalinity	**110**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Total Alkalinity	**90**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-11S**					
Laboratory ID:	03-286-07					
Total Alkalinity	**110**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Total Alkalinity	**100**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-7D**					
Laboratory ID:	03-286-09					
Total Alkalinity	**100**	2.0	SM 2320B	3-20-26	3-20-26	

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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:	03-286-10					
Total Alkalinity	**90**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-9D**					
Laboratory ID:	03-286-11					
Total Alkalinity	**90**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-10D**					
Laboratory ID:	03-286-12					
Total Alkalinity	**98**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
Total Alkalinity	**250**	2.0	SM 2320B	3-20-26	3-20-26	

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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:	MB0320W1					
Total Alkalinity	**ND**	2.0	SM 2320B	3-20-26	3-20-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-286-03										
	ORIG	DUP									
Total Alkalinity	**106**	**106**	NA		NA	NA		NA	0	10	
MATRIX SPIKES											
Laboratory ID:	03-286-03										
	MS	MSD	MS	MSD		MS	MSD				
Total Alkalinity	**204**	**204**	100	100	106	98	98	80-120	0	20	
SPIKE BLANK											
Laboratory ID:	SB0320W1										
	SB		SB			SB					
Total Alkalinity	**102**		100		NA	102		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:	03-286-01					
Bicarbonate	**84**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-2S**					
Laboratory ID:	03-286-02					
Bicarbonate	**80**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Bicarbonate	**110**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Bicarbonate	**140**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-5S**					
Laboratory ID:	03-286-05					
Bicarbonate	**110**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Bicarbonate	**90**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-11S**					
Laboratory ID:	03-286-07					
Bicarbonate	**110**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Bicarbonate	**100**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-7D**					
Laboratory ID:	03-286-09					
Bicarbonate	**100**	2.0	SM 2320B	3-20-26	3-20-26	

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Laboratory Reference: 2603-286
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-8D**					
Laboratory ID:	03-286-10					
Bicarbonate	**90**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-9D**					
Laboratory ID:	03-286-11					
Bicarbonate	**90**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**MW-10D**					
Laboratory ID:	03-286-12					
Bicarbonate	**98**	2.0	SM 2320B	3-20-26	3-20-26	
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
Bicarbonate	**230**	2.0	SM 2320B	3-20-26	3-20-26	

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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:	MB0320W1					
Bicarbonate	**ND**	2.0	SM 2320B	3-20-26	3-20-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-286-03										
	ORIG	DUP									
Bicarbonate	**106**	**106**	NA		NA	NA		NA	0	10	
MATRIX SPIKES											
Laboratory ID:	03-286-03										
	MS	MSD	MS	MSD		MS	MSD				
Bicarbonate	**204**	**204**	100	100	106	98	98	80-120	0	20	
SPIKE BLANK											
Laboratory ID:	SB0320W1										
	SB		SB			SB					
Bicarbonate	**102**		100		NA	102		81-104	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
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:	03-286-01					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-2S**					
Laboratory ID:	03-286-02					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-5S**					
Laboratory ID:	03-286-05					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-11S**					
Laboratory ID:	03-286-07					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-7D**					
Laboratory ID:	03-286-09					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	

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Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
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:	03-286-10					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-9D**					
Laboratory ID:	03-286-11					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**MW-10D**					
Laboratory ID:	03-286-12					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
Ammonia	**0.061**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	

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Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
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:	MB0324W1					
Ammonia	**ND**	0.053	SM 4500-NH3 D	3-24-26	3-24-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-286-03										
	ORIG	DUP									
Ammonia	**ND**	**ND**	NA		NA	NA		NA	NA	21	
MATRIX SPIKES											
Laboratory ID:	03-286-03										
	MS	MSD	MS	MSD		MS	MSD				
Ammonia	**5.46**	**5.37**	5.00	5.00	ND	109	107	76-114	2	20	
SPIKE BLANK											
Laboratory ID:	SB0324W1										
	SB		SB			SB					
Ammonia	**4.85**		5.00		NA	97		81-110	NA	NA	

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Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
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-1S**					
Laboratory ID:	03-286-01					
Total Organic Carbon	**ND**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-2S**					
Laboratory ID:	03-286-02					
Total Organic Carbon	**ND**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-3S**					
Laboratory ID:	03-286-03					
Total Organic Carbon	**3.0**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-4S**					
Laboratory ID:	03-286-04					
Total Organic Carbon	**3.6**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-5S**					
Laboratory ID:	03-286-05					
Total Organic Carbon	**ND**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-6S**					
Laboratory ID:	03-286-06					
Total Organic Carbon	**3.3**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-11S**					
Laboratory ID:	03-286-07					
Total Organic Carbon	**ND**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-13S**					
Laboratory ID:	03-286-08					
Total Organic Carbon	**3.0**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-7D**					
Laboratory ID:	03-286-09					
Total Organic Carbon	**ND**	1.0	SM 5310B	3-23-26	3-23-26	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
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:	03-286-10					
Total Organic Carbon	**ND**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-9D**					
Laboratory ID:	03-286-11					
Total Organic Carbon	**3.8**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**MW-10D**					
Laboratory ID:	03-286-12					
Total Organic Carbon	**ND**	1.0	SM 5310B	3-23-26	3-23-26	
Client ID:	**Leachate Pond**					
Laboratory ID:	03-286-13					
Total Organic Carbon	**47**	1.0	SM 5310B	3-23-26	3-23-26	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: April 28, 2026
Samples Submitted: March 19, 2026
Laboratory Reference: 2603-286
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:	MB0323W1					
Total Organic Carbon	**ND**	1.0	SM 5310B	3-23-26	3-23-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-286-03										
	ORIG	DUP									
Total Organic Carbon	**2.97**	**3.04**	NA		NA	NA		NA	2	10	
MATRIX SPIKES											
Laboratory ID:	03-286-03										
	MS	MSD	MS	MSD		MS	MSD				
Total Organic Carbon	**12.8**	**13.2**	10.0	10.0	2.97	98	102	70-136	3	20	
SPIKE BLANK											
Laboratory ID:	SB0323W1										
	SB		SB			SB					
Total Organic Carbon	**10.2**		10.0		NA	102		83-130	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

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

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

April 23, 2026 Service Request No:K2602920

David Baumeister
Onsite Environmental Incorporated
14648 Northeast 95th Street
Redmond, WA 98052

Laboratory Results for: 03-286

Dear David,

Enclosed are the results of the sample(s) submitted to our laboratory March 24, 2026
For your reference, these analyses have been assigned our service request number **K2602920.**

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 3301. You may also contact me via email at Naomi.Pedersen@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Naomi Pedersen
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: 03-286
Sample Matrix: Water

Service Request: K2602920
Date Received: 03/24/2026

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:

Nine water samples were received for analysis at ALS Environmental on 03/24/2026. 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:

Method 1633, 04/22/2026:Manual integration of one or more chromatographic peaks in several samples was required to correct the integration performed by the automated data processing program. The manual integration was performed in accordance with ALS policy, which is consistent with the National Environmental Laboratory Accreditation Program (NELAP), Department of Defense (DOD), and other certifying agencies. Refer to the raw data for the compounds impacted by the manual integration.

Approved by _____ Date 04/23/2026

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: K2602920-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutane sulfonic acid (PFBS)	8.8		0.60	1.8	ng/L	Draft EPA Method 1633
Perfluorobutanoic acid (PFBA)	47		0.64	1.8	ng/L	Draft EPA Method 1633
Perfluoroheptanoic acid (PFHpA)	14		0.68	1.8	ng/L	Draft EPA Method 1633
Perfluorohexane sulfonic acid (PFHxS)	3.8		0.70	1.8	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	30		0.66	1.8	ng/L	Draft EPA Method 1633
Perfluorooctane sulfonic acid (PFOS)	2.4		0.92	1.8	ng/L	Draft EPA Method 1633
Perfluorooctanoic acid (PFOA)	16		0.82	1.8	ng/L	Draft EPA Method 1633
Perfluoropentane sulfonic acid (PFPeS)	1.8		0.64	1.8	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	45		0.60	1.8	ng/L	Draft EPA Method 1633

CLIENT ID: MW-4S	Lab ID: K2602920-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutane sulfonic acid (PFBS)	4.4		0.60	1.8	ng/L	Draft EPA Method 1633
Perfluorobutanoic acid (PFBA)	29		0.64	1.8	ng/L	Draft EPA Method 1633
Perfluoroheptanoic acid (PFHpA)	8.4		0.68	1.8	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	19		0.66	1.8	ng/L	Draft EPA Method 1633
Perfluorooctanoic acid (PFOA)	4.0		0.82	1.8	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	31		0.60	1.8	ng/L	Draft EPA Method 1633

CLIENT ID: MW-6S	Lab ID: K2602920-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutane sulfonic acid (PFBS)	6.2		0.60	1.8	ng/L	Draft EPA Method 1633
Perfluorobutanoic acid (PFBA)	14		0.64	1.8	ng/L	Draft EPA Method 1633
Perfluoroheptanoic acid (PFHpA)	1.6	J	0.68	1.8	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	11		0.66	1.8	ng/L	Draft EPA Method 1633
Perfluoropentane sulfonic acid (PFPeS)	1.0	J	0.64	1.8	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	17		0.60	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-13S	Lab ID: K2602920-008					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutane sulfonic acid (PFBS)	9.0		0.61	2.0	ng/L	Draft EPA Method 1633
Perfluorobutanoic acid (PFBA)	48		0.65	2.0	ng/L	Draft EPA Method 1633
Perfluoroheptanoic acid (PFHpA)	14		0.69	2.0	ng/L	Draft EPA Method 1633
Perfluorohexane sulfonic acid (PFHxS)	3.8		0.71	2.0	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	31		0.67	2.0	ng/L	Draft EPA Method 1633
Perfluorooctane sulfonic acid (PFOS)	2.3		0.93	2.0	ng/L	Draft EPA Method 1633
Perfluorooctanoic acid (PFOA)	17		0.83	2.0	ng/L	Draft EPA Method 1633
Perfluoropentane sulfonic acid (PFPeS)	1.8	J	0.65	2.0	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	46		0.61	2.0	ng/L	Draft EPA Method 1633

CLIENT ID: MW-5S	Lab ID: K2602920-005					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Perfluorobutanoic acid (PFBA)	5.5		0.83	2.6	ng/L	Draft EPA Method 1633
Perfluorohexanoic acid (PFHxA)	1.9	J	0.86	2.6	ng/L	Draft EPA Method 1633
Perfluoropentanoic acid (PFPeA)	3.2		0.78	2.6	ng/L	Draft EPA Method 1633

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:**K2602920
Project: 03-286/553-8472-009

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2602920-001	MW-1S	3/18/2026	0850
K2602920-002	MW-2S	3/17/2026	1510
K2602920-003	MW-3S	3/18/2026	1250
K2602920-004	MW-4S	3/18/2026	1450
K2602920-005	MW-5S	3/17/2026	1145
K2602920-006	MW-6S	3/18/2026	1405
K2602920-007	MW-11S	3/18/2026	1020
K2602920-008	MW-13S	3/18/2026	0800

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

K1602920

Laboratory Reference #: 03-286

Laboratory: ALS Environmental

Attention: Naomi Pederson

1317 South 13th Avenue, Kelso, WA 98626

Phone Number: (360) 577-7222

Turnaround Request

1 Day | 2 Day | 3 Day

Standard

Other: _____

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 553-8472-009

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	MW-1S	3/18/26	8:50	W	1	PFAS EPA 1633
	MW-2S	3/17/26	15:10	W	1	PFAS EPA 1633
	MW-3S	3/18/26	12:50	W	1	PFAS EPA 1633
	MW-4S	3/18/26	14:50	W	1	PFAS EPA 1633
	MW-5S	3/17/26	11:45	W	1	PFAS EPA 1633
	MW-6S	3/18/26	14:05	W	1	PFAS EPA 1633
	MW-11S	3/18/26	10:20	W	1	PFAS EPA 1633
	MW-13S	3/18/26	8:00	W	1	PFAS EPA 1633

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	ONE	3/23/26	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: Diane Phuo	ALS	3/24/26	920	
Relinquished by:				
Received by:				

EIM

PLEASE RETURN BLUE ICE

Cooler Receipt and Preservation Form

PM NA

Client Onsite Environmental Service Request K26 07920

Received: 3/24/24 Opened: 3/24/24 By: pdp Unloaded: 3/24/24 By: pdp

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
	2.8	IR07				1ZL684E1W019074 1104	

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 C12/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: Rec'd BtL marked MW-35 MS/MSD not on COC
3' Sample MW-78 not on COC

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	Website	Number
Alaska DEC	https://dec.alaska.gov/spar/csp/lab-approval/	17-004
Arizona DHS	https://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php	AZ0339
Arkansas DEQ	https://www.adeq.state.ar.us/techsvs/lab_cert/	88-00637
California WB (ELAP)	https://www.waterboards.ca.gov/drinking_water/certlic/labs/index.html	2795
DOD ELAP	https://www.denix.osd.mil/edqw/accreditation/accreditedlabs/	65188
Florida DOH	https://www.floridahealth.gov/licensing-regulations/regulated-facilities/environmental-laboratories/	E87412
ISO 17025	https://www.pjlabs.com/	65188
Louisiana DEQ	https://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHHS	https://www.maine.gov/dhhs/mecdc/services/business-services/laboratory-accreditation	WA01276
Minnesota DOH	https://www.health.state.mn.us/communities/environment/mnelap	053-999-457
Nevada DEP	https://ndep.nv.gov/water/lab-certification	WA01276
New Jersey DEP	https://dep.nj.gov/dsr/oqa/certified-laboratories/	WA005
New York DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://www.deq.nc.gov/about/divisions/water-resources/water-sciences/chemistry-laboratory/laboratory-certification-branch/non-field-lab-certification	WA01276
Ohio EPA	https://epa.ohio.gov/divisions-and-offices/drinking-and-ground-waters	87776
Oregon DEQ (NELAP)	https://www.oregon.gov/oha/PH/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DES	https://des.sc.gov/permits-regulations/laws-regulations-regulatory-updates/environmental-regulations/environmental-laboratory-certification	61002
Texas CEQ	https://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704427
Washington DOE	https://ecology.wa.gov/regulations-permits/permits-certifications/laboratory-accreditation	C544
ALS Solutions	https://solutions.alsglobal.com/	NA

Analyses were performed in accordance with our laboratory's NELAP-approved Quality Assurance Program. A complete listing of NELAP and other certified analytes is available in ALS Solutions. For initial access to ALS Solutions, please contact your ALS Project Manager. If samples are submitted for compliance purposes, please consult the applicable certification and/or accreditation body's website. States highlighted above require that the specific method/analyte be included on the state certification when used for compliance purposes and when that method/analyte is offered by the 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:** K2602920
Project: 03-286/553-8472-009

Sample Name: MW-1S **Date Collected:** 03/18/26
Lab Code: K2602920-001 **Date Received:** 03/24/26
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	AMOORE
1633	ADAVISON	PESCORRIDO

Sample Name: MW-2S **Date Collected:** 03/17/26
Lab Code: K2602920-002 **Date Received:** 03/24/26
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PESCORRIDO

Sample Name: MW-3S **Date Collected:** 03/18/26
Lab Code: K2602920-003 **Date Received:** 03/24/26
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PESCORRIDO

Sample Name: MW-4S **Date Collected:** 03/18/26
Lab Code: K2602920-004 **Date Received:** 03/24/26
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	AMOORE
1633	ADAVISON	PESCORRIDO

Client: Onsite Environmental Incorporated
Project: 03-286/553-8472-009
Service Request: K2602920

Sample Name: MW-5S
Lab Code: K2602920-005
Sample Matrix: Water
Date Collected: 03/17/26
Date Received: 03/24/26

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PESCORRIDO
1633	ADAVISON	AMOORE

Sample Name: MW-6S
Lab Code: K2602920-006
Sample Matrix: Water
Date Collected: 03/18/26
Date Received: 03/24/26

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	AMOORE
1633	ADAVISON	PESCORRIDO

Sample Name: MW-11S
Lab Code: K2602920-007
Sample Matrix: Water
Date Collected: 03/18/26
Date Received: 03/24/26

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	AMOORE
1633	ADAVISON	PESCORRIDO

Sample Name: MW-13S
Lab Code: K2602920-008
Sample Matrix: Water
Date Collected: 03/18/26
Date Received: 03/24/26

Analysis Method	Extracted/Digested By	Analyzed By
1633	ADAVISON	PESCORRIDO
1633	ADAVISON	AMOORE

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:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 08:50
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-1S	**Units:**	ng/L
Lab Code:	K2602920-001	**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	0.60	1	04/22/26 15:45	4/14/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.8	0.94	0.64	1	04/22/26 15:45	4/14/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.8	0.91	0.70	1	04/22/26 15:45	4/14/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.64	1	04/22/26 15:45	4/14/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	0.93	0.92	1	04/22/26 15:45	4/14/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.74	1	04/22/26 15:45	4/14/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.66	1	04/22/26 15:45	4/14/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	04/22/26 15:45	4/14/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	ND U	1.8	1.0	0.64	1	04/22/26 15:45	4/14/26	
Perfluoropentanoic acid (PFPeA)	ND U	1.8	1.0	0.60	1	04/22/26 15:45	4/14/26	
Perfluorohexanoic acid (PFHxA)	ND U	1.8	1.0	0.66	1	04/22/26 15:45	4/14/26	
Perfluoroheptanoic acid (PFHpA)	ND U	1.8	1.0	0.68	1	04/22/26 15:45	4/14/26	
Perfluorooctanoic acid (PFOA)	ND U	1.8	1.0	0.82	1	04/22/26 15:45	4/14/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1.0	0.70	1	04/22/26 15:45	4/14/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.70	1	04/22/26 15:45	4/14/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.70	1	04/22/26 15:45	4/14/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	2.0	1.3	1	04/22/26 15:45	4/14/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.74	1	04/22/26 15:45	4/14/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	2.0	1.1	1	04/22/26 15:45	4/14/26	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1.0	0.84	1	04/22/26 15:45	4/14/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.66	1	04/22/26 15:45	4/14/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.054	1	04/22/26 15:45	4/14/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.66	1	04/22/26 15:45	4/14/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.80	1	04/22/26 15:45	4/14/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.52	1	04/22/26 15:45	4/14/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.80	1	04/22/26 15:45	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 08:50
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-1S	**Units:**	ng/L
Lab Code:	K2602920-001	**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	0.60	1	04/22/26 15:45	4/14/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	0.95	0.66	1	04/22/26 15:45	4/14/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.92	1	04/22/26 15:45	4/14/26	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	20	18	1	04/22/26 15:45	4/14/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	7.3	1	04/22/26 15:45	4/14/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	04/22/26 15:45	4/14/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.94	0.76	1	04/22/26 15:45	4/14/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.66	1	04/22/26 15:45	4/14/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	04/22/26 15:45	4/14/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.82	1	04/22/26 15:45	4/14/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.80	1	04/22/26 15:45	4/14/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.64	1	04/22/26 15:45	4/14/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.88	1	04/22/26 15:45	4/14/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.58	1	04/22/26 15:45	4/14/26	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 08:50
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-1S	**Units:**	ng/L
Lab Code:	K2602920-001	**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	106	40 - 135	04/22/26 15:45	
13C3-PFHxS	104	40 - 130	04/22/26 15:45	
13C8-PFOS	102	40 - 130	04/22/26 15:45	
13C4-PFBA	107	5 - 130	04/22/26 15:45	
13C5-PFPeA	111	40 - 130	04/22/26 15:45	
13C5-PFHxA	107	40 - 130	04/22/26 15:45	
13C4-PFHpA	106	40 - 130	04/22/26 15:45	
13C8-PFOA	105	40 - 130	04/22/26 15:45	
13C9-PFNA	106	40 - 130	04/22/26 15:45	
13C6-PFDA	106	40 - 130	04/22/26 15:45	
13C7-PFUnDA	102	30 - 130	04/22/26 15:45	
13C2-PFDoDA	97	10 - 130	04/22/26 15:45	
13C2-PFTeDA	86	10 - 130	04/22/26 15:45	
13C8-FOSA	98	40 - 130	04/22/26 15:45	
D3-MeFOSA	84	10 - 130	04/22/26 15:45	
D5-EtFOSA	75	10 - 130	04/22/26 15:45	
D7-MeFOSE	80	10 - 130	04/22/26 15:45	
D9-EtFOSE	78	10 - 130	04/22/26 15:45	
D3-MeFOSAA	99	40 - 170	04/22/26 15:45	
D5-EtFOSAA	93	25 - 135	04/22/26 15:45	
13C2-4:2 FTS	100	40 - 200	04/22/26 15:45	
13C2-6:2 FTS	101	40 - 200	04/22/26 15:45	
13C2-8:2 FTS	115	40 - 300	04/22/26 15:45	
13C3-HFPO-DA	105	40 - 130	04/22/26 15:45	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/17/26 15:10
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-2S	**Units:**	ng/L
Lab Code:	K2602920-002	**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	1.8	0.89	0.60	1	04/22/26 13:04	4/14/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.8	0.94	0.64	1	04/22/26 13:04	4/14/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.8	0.91	0.70	1	04/22/26 13:04	4/14/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.64	1	04/22/26 13:04	4/14/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	0.93	0.92	1	04/22/26 13:04	4/14/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.74	1	04/22/26 13:04	4/14/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.66	1	04/22/26 13:04	4/14/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	04/22/26 13:04	4/14/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	ND U	1.8	1.0	0.64	1	04/22/26 13:04	4/14/26	
Perfluoropentanoic acid (PFPeA)	ND U	1.8	1.0	0.60	1	04/22/26 13:04	4/14/26	
Perfluorohexanoic acid (PFHxA)	ND U	1.8	1.0	0.66	1	04/22/26 13:04	4/14/26	
Perfluoroheptanoic acid (PFHpA)	ND U	1.8	1.0	0.68	1	04/22/26 13:04	4/14/26	
Perfluorooctanoic acid (PFOA)	ND U	1.8	1.0	0.82	1	04/22/26 13:04	4/14/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1.0	0.70	1	04/22/26 13:04	4/14/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.70	1	04/22/26 13:04	4/14/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.70	1	04/22/26 13:04	4/14/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	2.0	1.3	1	04/22/26 13:04	4/14/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.74	1	04/22/26 13:04	4/14/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	2.0	1.1	1	04/22/26 13:04	4/14/26	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1.0	0.84	1	04/22/26 13:04	4/14/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.66	1	04/22/26 13:04	4/14/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.054	1	04/22/26 13:04	4/14/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.66	1	04/22/26 13:04	4/14/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.80	1	04/22/26 13:04	4/14/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.52	1	04/22/26 13:04	4/14/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.80	1	04/22/26 13:04	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/17/26 15:10
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-2S	**Units:**	ng/L
Lab Code:	K2602920-002	**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	1.8	0.94	0.60	1	04/22/26 13:04	4/14/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	0.95	0.66	1	04/22/26 13:04	4/14/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.92	1	04/22/26 13:04	4/14/26	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	20	18	1	04/22/26 13:04	4/14/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	7.3	1	04/22/26 13:04	4/14/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	04/22/26 13:04	4/14/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.94	0.76	1	04/22/26 13:04	4/14/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.66	1	04/22/26 13:04	4/14/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	04/22/26 13:04	4/14/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.82	1	04/22/26 13:04	4/14/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.80	1	04/22/26 13:04	4/14/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.64	1	04/22/26 13:04	4/14/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.88	1	04/22/26 13:04	4/14/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.58	1	04/22/26 13:04	4/14/26	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/17/26 15:10
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-2S	**Units:**	ng/L
Lab Code:	K2602920-002	**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	112	40 - 135	04/22/26 13:04	
13C3-PFHxS	104	40 - 130	04/22/26 13:04	
13C8-PFOS	106	40 - 130	04/22/26 13:04	
13C4-PFBA	109	5 - 130	04/22/26 13:04	
13C5-PFPeA	115	40 - 130	04/22/26 13:04	
13C5-PFHxA	108	40 - 130	04/22/26 13:04	
13C4-PFHpA	107	40 - 130	04/22/26 13:04	
13C8-PFOA	107	40 - 130	04/22/26 13:04	
13C9-PFNA	108	40 - 130	04/22/26 13:04	
13C6-PFDA	106	40 - 130	04/22/26 13:04	
13C7-PFUnDA	98	30 - 130	04/22/26 13:04	
13C2-PFDoDA	87	10 - 130	04/22/26 13:04	
13C2-PFTeDA	72	10 - 130	04/22/26 13:04	
13C8-FOSA	91	40 - 130	04/22/26 13:04	
D3-MeFOSA	83	10 - 130	04/22/26 13:04	
D5-EtFOSA	75	10 - 130	04/22/26 13:04	
D7-MeFOSE	79	10 - 130	04/22/26 13:04	
D9-EtFOSE	76	10 - 130	04/22/26 13:04	
D3-MeFOSAA	111	40 - 170	04/22/26 13:04	
D5-EtFOSAA	100	25 - 135	04/22/26 13:04	
13C2-4:2 FTS	119	40 - 200	04/22/26 13:04	
13C2-6:2 FTS	118	40 - 200	04/22/26 13:04	
13C2-8:2 FTS	123	40 - 300	04/22/26 13:04	
13C3-HFPO-DA	104	40 - 130	04/22/26 13:04	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 12:50
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2602920-003	**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)	**8.8**	1.8	0.89	0.60	1	04/22/26 13:20	4/14/26	
Perfluoropentane sulfonic acid (PFPeS)	**1.8**	1.8	0.94	0.64	1	04/22/26 13:20	4/14/26	
Perfluorohexane sulfonic acid (PFHxS)	**3.8**	1.8	0.91	0.70	1	04/22/26 13:20	4/14/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.64	1	04/22/26 13:20	4/14/26	
Perfluorooctane sulfonic acid (PFOS)	**2.4**	1.8	0.93	0.92	1	04/22/26 13:20	4/14/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.74	1	04/22/26 13:20	4/14/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.66	1	04/22/26 13:20	4/14/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	04/22/26 13:20	4/14/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**47**	1.8	1.0	0.64	1	04/22/26 13:20	4/14/26	
Perfluoropentanoic acid (PFPeA)	**45**	1.8	1.0	0.60	1	04/22/26 13:20	4/14/26	
Perfluorohexanoic acid (PFHxA)	**30**	1.8	1.0	0.66	1	04/22/26 13:20	4/14/26	
Perfluoroheptanoic acid (PFHpA)	**14**	1.8	1.0	0.68	1	04/22/26 13:20	4/14/26	
Perfluorooctanoic acid (PFOA)	**16**	1.8	1.0	0.82	1	04/22/26 13:20	4/14/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1.0	0.70	1	04/22/26 13:20	4/14/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.70	1	04/22/26 13:20	4/14/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.70	1	04/22/26 13:20	4/14/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	2.0	1.3	1	04/22/26 13:20	4/14/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.74	1	04/22/26 13:20	4/14/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	2.0	1.1	1	04/22/26 13:20	4/14/26	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1.0	0.84	1	04/22/26 13:20	4/14/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.66	1	04/22/26 13:20	4/14/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.054	1	04/22/26 13:20	4/14/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.66	1	04/22/26 13:20	4/14/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.80	1	04/22/26 13:20	4/14/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.52	1	04/22/26 13:20	4/14/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.80	1	04/22/26 13:20	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 12:50
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2602920-003	**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	0.60	1	04/22/26 13:20	4/14/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	0.95	0.66	1	04/22/26 13:20	4/14/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.92	1	04/22/26 13:20	4/14/26	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	20	18	1	04/22/26 13:20	4/14/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	7.3	1	04/22/26 13:20	4/14/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	04/22/26 13:20	4/14/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.94	0.76	1	04/22/26 13:20	4/14/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.66	1	04/22/26 13:20	4/14/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	04/22/26 13:20	4/14/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.82	1	04/22/26 13:20	4/14/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.80	1	04/22/26 13:20	4/14/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.64	1	04/22/26 13:20	4/14/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.88	1	04/22/26 13:20	4/14/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.58	1	04/22/26 13:20	4/14/26	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 12:50
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2602920-003	**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	109	40 - 135	04/22/26 13:20	
13C3-PFHxS	103	40 - 130	04/22/26 13:20	
13C8-PFOS	103	40 - 130	04/22/26 13:20	
13C4-PFBA	109	5 - 130	04/22/26 13:20	
13C5-PFPeA	110	40 - 130	04/22/26 13:20	
13C5-PFHxA	108	40 - 130	04/22/26 13:20	
13C4-PFHpA	105	40 - 130	04/22/26 13:20	
13C8-PFOA	106	40 - 130	04/22/26 13:20	
13C9-PFNA	105	40 - 130	04/22/26 13:20	
13C6-PFDA	106	40 - 130	04/22/26 13:20	
13C7-PFUnDA	98	30 - 130	04/22/26 13:20	
13C2-PFDoDA	91	10 - 130	04/22/26 13:20	
13C2-PFTeDA	77	10 - 130	04/22/26 13:20	
13C8-FOSA	89	40 - 130	04/22/26 13:20	
D3-MeFOSA	82	10 - 130	04/22/26 13:20	
D5-EtFOSA	75	10 - 130	04/22/26 13:20	
D7-MeFOSE	78	10 - 130	04/22/26 13:20	
D9-EtFOSE	76	10 - 130	04/22/26 13:20	
D3-MeFOSAA	95	40 - 170	04/22/26 13:20	
D5-EtFOSAA	90	25 - 135	04/22/26 13:20	
13C2-4:2 FTS	89	40 - 200	04/22/26 13:20	
13C2-6:2 FTS	95	40 - 200	04/22/26 13:20	
13C2-8:2 FTS	106	40 - 300	04/22/26 13:20	
13C3-HFPO-DA	108	40 - 130	04/22/26 13:20	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 14:50
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2602920-004	**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)	**4.4**	1.8	0.89	0.60	1	04/22/26 16:01	4/14/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.8	0.94	0.64	1	04/22/26 16:01	4/14/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.8	0.91	0.70	1	04/22/26 16:01	4/14/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.64	1	04/22/26 16:01	4/14/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	0.93	0.92	1	04/22/26 16:01	4/14/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.74	1	04/22/26 16:01	4/14/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.66	1	04/22/26 16:01	4/14/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	04/22/26 16:01	4/14/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**29**	1.8	1.0	0.64	1	04/22/26 16:01	4/14/26	
Perfluoropentanoic acid (PFPeA)	**31**	1.8	1.0	0.60	1	04/22/26 16:01	4/14/26	
Perfluorohexanoic acid (PFHxA)	**19**	1.8	1.0	0.66	1	04/22/26 16:01	4/14/26	
Perfluoroheptanoic acid (PFHpA)	**8.4**	1.8	1.0	0.68	1	04/22/26 16:01	4/14/26	
Perfluorooctanoic acid (PFOA)	**4.0**	1.8	1.0	0.82	1	04/22/26 16:01	4/14/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1.0	0.70	1	04/22/26 16:01	4/14/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.70	1	04/22/26 16:01	4/14/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.70	1	04/22/26 16:01	4/14/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	2.0	1.3	1	04/22/26 16:01	4/14/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.74	1	04/22/26 16:01	4/14/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	2.0	1.1	1	04/22/26 16:01	4/14/26	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1.0	0.84	1	04/22/26 16:01	4/14/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.66	1	04/22/26 16:01	4/14/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.054	1	04/22/26 16:01	4/14/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.66	1	04/22/26 16:01	4/14/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.80	1	04/22/26 16:01	4/14/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.52	1	04/22/26 16:01	4/14/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.80	1	04/22/26 16:01	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 14:50
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2602920-004	**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	1.8	0.94	0.60	1	04/22/26 16:01	4/14/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	0.95	0.66	1	04/22/26 16:01	4/14/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.92	1	04/22/26 16:01	4/14/26	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	20	18	1	04/22/26 16:01	4/14/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	7.3	1	04/22/26 16:01	4/14/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	04/22/26 16:01	4/14/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.94	0.76	1	04/22/26 16:01	4/14/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.66	1	04/22/26 16:01	4/14/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	04/22/26 16:01	4/14/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.82	1	04/22/26 16:01	4/14/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.80	1	04/22/26 16:01	4/14/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.64	1	04/22/26 16:01	4/14/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.88	1	04/22/26 16:01	4/14/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.58	1	04/22/26 16:01	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 14:50
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2602920-004	**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	111	40 - 135	04/22/26 16:01	
13C3-PFHxS	106	40 - 130	04/22/26 16:01	
13C8-PFOS	101	40 - 130	04/22/26 16:01	
13C4-PFBA	109	5 - 130	04/22/26 16:01	
13C5-PFPeA	111	40 - 130	04/22/26 16:01	
13C5-PFHxA	108	40 - 130	04/22/26 16:01	
13C4-PFHpA	108	40 - 130	04/22/26 16:01	
13C8-PFOA	107	40 - 130	04/22/26 16:01	
13C9-PFNA	106	40 - 130	04/22/26 16:01	
13C6-PFDA	103	40 - 130	04/22/26 16:01	
13C7-PFUnDA	98	30 - 130	04/22/26 16:01	
13C2-PFDoDA	91	10 - 130	04/22/26 16:01	
13C2-PFTeDA	81	10 - 130	04/22/26 16:01	
13C8-FOSA	97	40 - 130	04/22/26 16:01	
D3-MeFOSA	83	10 - 130	04/22/26 16:01	
D5-EtFOSA	73	10 - 130	04/22/26 16:01	
D7-MeFOSE	81	10 - 130	04/22/26 16:01	
D9-EtFOSE	75	10 - 130	04/22/26 16:01	
D3-MeFOSAA	92	40 - 170	04/22/26 16:01	
D5-EtFOSAA	88	25 - 135	04/22/26 16:01	
13C2-4:2 FTS	88	40 - 200	04/22/26 16:01	
13C2-6:2 FTS	92	40 - 200	04/22/26 16:01	
13C2-8:2 FTS	103	40 - 300	04/22/26 16:01	
13C3-HFPO-DA	108	40 - 130	04/22/26 16:01	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/17/26 11:45
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-5S	**Units:**	ng/L
Lab Code:	K2602920-005	**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	2.6	1.1	0.78	1	04/22/26 16:17	4/14/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	2.6	1.2	0.83	1	04/22/26 16:17	4/14/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	2.6	1.2	0.91	1	04/22/26 16:17	4/14/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	2.6	1.2	0.83	1	04/22/26 16:17	4/14/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	2.6	1.2	1.2	1	04/22/26 16:17	4/14/26	
Perfluorononane sulfonic acid (PFNS)	ND U	2.6	1.2	0.96	1	04/22/26 16:17	4/14/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	2.6	1.3	0.86	1	04/22/26 16:17	4/14/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	2.6	1.3	0.65	1	04/22/26 16:17	4/14/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**5.5**	2.6	1.3	0.83	1	04/22/26 16:17	4/14/26	
Perfluoropentanoic acid (PFPeA)	**3.2**	2.6	1.3	0.78	1	04/22/26 16:17	4/14/26	
Perfluorohexanoic acid (PFHxA)	**1.9 J**	2.6	1.3	0.86	1	04/22/26 16:17	4/14/26	
Perfluoroheptanoic acid (PFHpA)	ND U	2.6	1.3	0.88	1	04/22/26 16:17	4/14/26	
Perfluorooctanoic acid (PFOA)	ND U	2.6	1.3	1.1	1	04/22/26 16:17	4/14/26	
Perfluorononanoic acid (PFNA)	ND U	2.6	1.3	0.91	1	04/22/26 16:17	4/14/26	
Perfluorodecanoic acid (PFDA)	ND U	2.6	1.3	0.91	1	04/22/26 16:17	4/14/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	2.6	1.3	0.91	1	04/22/26 16:17	4/14/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.6	2.6	1.6	1	04/22/26 16:17	4/14/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	2.6	1.3	0.96	1	04/22/26 16:17	4/14/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.6	2.6	1.4	1	04/22/26 16:17	4/14/26	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	2.6	1.3	1.1	1	04/22/26 16:17	4/14/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	2.6	1.3	0.86	1	04/22/26 16:17	4/14/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	2.6	1.3	0.070	1	04/22/26 16:17	4/14/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	2.6	1.3	0.86	1	04/22/26 16:17	4/14/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	2.6	1.3	1.1	1	04/22/26 16:17	4/14/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	2.6	1.3	0.68	1	04/22/26 16:17	4/14/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	2.6	1.3	1.1	1	04/22/26 16:17	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/17/26 11:45
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-5S	**Units:**	ng/L
Lab Code:	K2602920-005	**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	2.6	1.2	0.78	1	04/22/26 16:17	4/14/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	2.6	1.2	0.86	1	04/22/26 16:17	4/14/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	2.6	1.2	1.2	1	04/22/26 16:17	4/14/26	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	26	26	23	1	04/22/26 16:17	4/14/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	26	13	9.3	1	04/22/26 16:17	4/14/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	26	13	9.0	1	04/22/26 16:17	4/14/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	2.6	1.2	0.99	1	04/22/26 16:17	4/14/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	2.6	1.2	0.86	1	04/22/26 16:17	4/14/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	2.6	1.2	0.65	1	04/22/26 16:17	4/14/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	2.6	1.3	1.1	1	04/22/26 16:17	4/14/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	2.6	1.3	1.1	1	04/22/26 16:17	4/14/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	2.6	1.3	0.83	1	04/22/26 16:17	4/14/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	2.6	1.3	1.2	1	04/22/26 16:17	4/14/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	2.6	1.2	0.75	1	04/22/26 16:17	4/14/26	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/17/26 11:45
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-5S	**Units:**	ng/L
Lab Code:	K2602920-005	**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	103	40 - 135	04/22/26 16:17	
13C3-PFHxS	103	40 - 130	04/22/26 16:17	
13C8-PFOS	99	40 - 130	04/22/26 16:17	
13C4-PFBA	108	5 - 130	04/22/26 16:17	
13C5-PFPeA	112	40 - 130	04/22/26 16:17	
13C5-PFHxA	107	40 - 130	04/22/26 16:17	
13C4-PFHpA	107	40 - 130	04/22/26 16:17	
13C8-PFOA	105	40 - 130	04/22/26 16:17	
13C9-PFNA	107	40 - 130	04/22/26 16:17	
13C6-PFDA	106	40 - 130	04/22/26 16:17	
13C7-PFUnDA	100	30 - 130	04/22/26 16:17	
13C2-PFDoDA	91	10 - 130	04/22/26 16:17	
13C2-PFTeDA	79	10 - 130	04/22/26 16:17	
13C8-FOSA	97	40 - 130	04/22/26 16:17	
D3-MeFOSA	87	10 - 130	04/22/26 16:17	
D5-EtFOSA	76	10 - 130	04/22/26 16:17	
D7-MeFOSE	77	10 - 130	04/22/26 16:17	
D9-EtFOSE	75	10 - 130	04/22/26 16:17	
D3-MeFOSAA	96	40 - 170	04/22/26 16:17	
D5-EtFOSAA	91	25 - 135	04/22/26 16:17	
13C2-4:2 FTS	107	40 - 200	04/22/26 16:17	
13C2-6:2 FTS	104	40 - 200	04/22/26 16:17	
13C2-8:2 FTS	116	40 - 300	04/22/26 16:17	
13C3-HFPO-DA	105	40 - 130	04/22/26 16:17	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 14:05
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-6S	**Units:**	ng/L
Lab Code:	K2602920-006	**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)	**6.2**	1.8	0.89	0.60	1	04/22/26 16:33	4/14/26	
Perfluoropentane sulfonic acid (PFPeS)	**1.0 J**	1.8	0.94	0.64	1	04/22/26 16:33	4/14/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.8	0.91	0.70	1	04/22/26 16:33	4/14/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.64	1	04/22/26 16:33	4/14/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	0.93	0.92	1	04/22/26 16:33	4/14/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.74	1	04/22/26 16:33	4/14/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.66	1	04/22/26 16:33	4/14/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	04/22/26 16:33	4/14/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**14**	1.8	1.0	0.64	1	04/22/26 16:33	4/14/26	
Perfluoropentanoic acid (PFPeA)	**17**	1.8	1.0	0.60	1	04/22/26 16:33	4/14/26	
Perfluorohexanoic acid (PFHxA)	**11**	1.8	1.0	0.66	1	04/22/26 16:33	4/14/26	
Perfluoroheptanoic acid (PFHpA)	**1.6 J**	1.8	1.0	0.68	1	04/22/26 16:33	4/14/26	
Perfluorooctanoic acid (PFOA)	ND U	1.8	1.0	0.82	1	04/22/26 16:33	4/14/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1.0	0.70	1	04/22/26 16:33	4/14/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.70	1	04/22/26 16:33	4/14/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.70	1	04/22/26 16:33	4/14/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	2.0	1.3	1	04/22/26 16:33	4/14/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.74	1	04/22/26 16:33	4/14/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	2.0	1.1	1	04/22/26 16:33	4/14/26	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1.0	0.84	1	04/22/26 16:33	4/14/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.66	1	04/22/26 16:33	4/14/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.054	1	04/22/26 16:33	4/14/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.66	1	04/22/26 16:33	4/14/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.80	1	04/22/26 16:33	4/14/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.52	1	04/22/26 16:33	4/14/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.80	1	04/22/26 16:33	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 14:05
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-6S	**Units:**	ng/L
Lab Code:	K2602920-006	**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	0.60	1	04/22/26 16:33	4/14/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	0.95	0.66	1	04/22/26 16:33	4/14/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.92	1	04/22/26 16:33	4/14/26	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	20	18	1	04/22/26 16:33	4/14/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	7.3	1	04/22/26 16:33	4/14/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	04/22/26 16:33	4/14/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.94	0.76	1	04/22/26 16:33	4/14/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.66	1	04/22/26 16:33	4/14/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	04/22/26 16:33	4/14/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.82	1	04/22/26 16:33	4/14/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.80	1	04/22/26 16:33	4/14/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.64	1	04/22/26 16:33	4/14/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.88	1	04/22/26 16:33	4/14/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.58	1	04/22/26 16:33	4/14/26	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 14:05
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-6S	**Units:**	ng/L
Lab Code:	K2602920-006	**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	106	40 - 135	04/22/26 16:33	
13C3-PFHxS	102	40 - 130	04/22/26 16:33	
13C8-PFOS	98	40 - 130	04/22/26 16:33	
13C4-PFBA	107	5 - 130	04/22/26 16:33	
13C5-PFPeA	109	40 - 130	04/22/26 16:33	
13C5-PFHxA	106	40 - 130	04/22/26 16:33	
13C4-PFHpA	105	40 - 130	04/22/26 16:33	
13C8-PFOA	107	40 - 130	04/22/26 16:33	
13C9-PFNA	105	40 - 130	04/22/26 16:33	
13C6-PFDA	100	40 - 130	04/22/26 16:33	
13C7-PFUnDA	96	30 - 130	04/22/26 16:33	
13C2-PFDoDA	92	10 - 130	04/22/26 16:33	
13C2-PFTeDA	82	10 - 130	04/22/26 16:33	
13C8-FOSA	96	40 - 130	04/22/26 16:33	
D3-MeFOSA	83	10 - 130	04/22/26 16:33	
D5-EtFOSA	73	10 - 130	04/22/26 16:33	
D7-MeFOSE	78	10 - 130	04/22/26 16:33	
D9-EtFOSE	77	10 - 130	04/22/26 16:33	
D3-MeFOSAA	93	40 - 170	04/22/26 16:33	
D5-EtFOSAA	86	25 - 135	04/22/26 16:33	
13C2-4:2 FTS	83	40 - 200	04/22/26 16:33	
13C2-6:2 FTS	97	40 - 200	04/22/26 16:33	
13C2-8:2 FTS	107	40 - 300	04/22/26 16:33	
13C3-HFPO-DA	106	40 - 130	04/22/26 16:33	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 10:20
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-11S	**Units:**	ng/L
Lab Code:	K2602920-007	**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	1.8	0.89	0.60	1	04/22/26 16:50	4/14/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.8	0.94	0.64	1	04/22/26 16:50	4/14/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.8	0.91	0.70	1	04/22/26 16:50	4/14/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	0.95	0.64	1	04/22/26 16:50	4/14/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	0.93	0.92	1	04/22/26 16:50	4/14/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	0.96	0.74	1	04/22/26 16:50	4/14/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	0.97	0.66	1	04/22/26 16:50	4/14/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	0.97	0.50	1	04/22/26 16:50	4/14/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	ND U	1.8	1.0	0.64	1	04/22/26 16:50	4/14/26	
Perfluoropentanoic acid (PFPeA)	ND U	1.8	1.0	0.60	1	04/22/26 16:50	4/14/26	
Perfluorohexanoic acid (PFHxA)	ND U	1.8	1.0	0.66	1	04/22/26 16:50	4/14/26	
Perfluoroheptanoic acid (PFHpA)	ND U	1.8	1.0	0.68	1	04/22/26 16:50	4/14/26	
Perfluorooctanoic acid (PFOA)	ND U	1.8	1.0	0.82	1	04/22/26 16:50	4/14/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1.0	0.70	1	04/22/26 16:50	4/14/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1.0	0.70	1	04/22/26 16:50	4/14/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1.0	0.70	1	04/22/26 16:50	4/14/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	2.0	1.3	1	04/22/26 16:50	4/14/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1.0	0.74	1	04/22/26 16:50	4/14/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	2.0	1.1	1	04/22/26 16:50	4/14/26	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1.0	0.84	1	04/22/26 16:50	4/14/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1.0	0.66	1	04/22/26 16:50	4/14/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1.0	0.054	1	04/22/26 16:50	4/14/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1.0	0.66	1	04/22/26 16:50	4/14/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1.0	0.80	1	04/22/26 16:50	4/14/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1.0	0.52	1	04/22/26 16:50	4/14/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1.0	0.80	1	04/22/26 16:50	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 10:20
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-11S	**Units:**	ng/L
Lab Code:	K2602920-007	**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	1.8	0.94	0.60	1	04/22/26 16:50	4/14/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	0.95	0.66	1	04/22/26 16:50	4/14/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	0.96	0.92	1	04/22/26 16:50	4/14/26	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	20	18	1	04/22/26 16:50	4/14/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	10	7.3	1	04/22/26 16:50	4/14/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	10	7.0	1	04/22/26 16:50	4/14/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	0.94	0.76	1	04/22/26 16:50	4/14/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	0.93	0.66	1	04/22/26 16:50	4/14/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	0.94	0.50	1	04/22/26 16:50	4/14/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1.0	0.82	1	04/22/26 16:50	4/14/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1.0	0.80	1	04/22/26 16:50	4/14/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1.0	0.64	1	04/22/26 16:50	4/14/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1.0	0.88	1	04/22/26 16:50	4/14/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	0.95	0.58	1	04/22/26 16:50	4/14/26	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 10:20
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-11S	**Units:**	ng/L
Lab Code:	K2602920-007	**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	108	40 - 135	04/22/26 16:50	
13C3-PFHxS	104	40 - 130	04/22/26 16:50	
13C8-PFOS	99	40 - 130	04/22/26 16:50	
13C4-PFBA	108	5 - 130	04/22/26 16:50	
13C5-PFPeA	114	40 - 130	04/22/26 16:50	
13C5-PFHxA	108	40 - 130	04/22/26 16:50	
13C4-PFHpA	110	40 - 130	04/22/26 16:50	
13C8-PFOA	109	40 - 130	04/22/26 16:50	
13C9-PFNA	105	40 - 130	04/22/26 16:50	
13C6-PFDA	101	40 - 130	04/22/26 16:50	
13C7-PFUnDA	94	30 - 130	04/22/26 16:50	
13C2-PFDoDA	89	10 - 130	04/22/26 16:50	
13C2-PFTeDA	79	10 - 130	04/22/26 16:50	
13C8-FOSA	98	40 - 130	04/22/26 16:50	
D3-MeFOSA	85	10 - 130	04/22/26 16:50	
D5-EtFOSA	73	10 - 130	04/22/26 16:50	
D7-MeFOSE	76	10 - 130	04/22/26 16:50	
D9-EtFOSE	75	10 - 130	04/22/26 16:50	
D3-MeFOSAA	93	40 - 170	04/22/26 16:50	
D5-EtFOSAA	86	25 - 135	04/22/26 16:50	
13C2-4:2 FTS	105	40 - 200	04/22/26 16:50	
13C2-6:2 FTS	107	40 - 200	04/22/26 16:50	
13C2-8:2 FTS	113	40 - 300	04/22/26 16:50	
13C3-HFPO-DA	109	40 - 130	04/22/26 16:50	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 08:00
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-13S	**Units:**	ng/L
Lab Code:	K2602920-008	**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)	**9.0**	2.0	0.89	0.61	1	04/22/26 17:06	4/14/26	
Perfluoropentane sulfonic acid (PFPeS)	**1.8 J**	2.0	0.95	0.65	1	04/22/26 17:06	4/14/26	
Perfluorohexane sulfonic acid (PFHxS)	**3.8**	2.0	0.92	0.71	1	04/22/26 17:06	4/14/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	2.0	0.96	0.65	1	04/22/26 17:06	4/14/26	
Perfluorooctane sulfonic acid (PFOS)	**2.3**	2.0	0.94	0.93	1	04/22/26 17:06	4/14/26	
Perfluorononane sulfonic acid (PFNS)	ND U	2.0	0.97	0.75	1	04/22/26 17:06	4/14/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	2.0	0.98	0.67	1	04/22/26 17:06	4/14/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	2.0	0.98	0.51	1	04/22/26 17:06	4/14/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	**48**	2.0	1.0	0.65	1	04/22/26 17:06	4/14/26	
Perfluoropentanoic acid (PFPeA)	**46**	2.0	1.0	0.61	1	04/22/26 17:06	4/14/26	
Perfluorohexanoic acid (PFHxA)	**31**	2.0	1.0	0.67	1	04/22/26 17:06	4/14/26	
Perfluoroheptanoic acid (PFHpA)	**14**	2.0	1.0	0.69	1	04/22/26 17:06	4/14/26	
Perfluorooctanoic acid (PFOA)	**17**	2.0	1.0	0.83	1	04/22/26 17:06	4/14/26	
Perfluorononanoic acid (PFNA)	ND U	2.0	1.0	0.71	1	04/22/26 17:06	4/14/26	
Perfluorodecanoic acid (PFDA)	ND U	2.0	1.0	0.71	1	04/22/26 17:06	4/14/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	2.0	1.0	0.71	1	04/22/26 17:06	4/14/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	2.0	1.3	1	04/22/26 17:06	4/14/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	2.0	1.0	0.75	1	04/22/26 17:06	4/14/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	2.0	1.1	1	04/22/26 17:06	4/14/26	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	2.0	1.0	0.85	1	04/22/26 17:06	4/14/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	2.0	1.0	0.67	1	04/22/26 17:06	4/14/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	2.0	1.0	0.055	1	04/22/26 17:06	4/14/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	2.0	1.0	0.67	1	04/22/26 17:06	4/14/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	2.0	1.0	0.81	1	04/22/26 17:06	4/14/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	2.0	1.0	0.53	1	04/22/26 17:06	4/14/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	2.0	1.0	0.81	1	04/22/26 17:06	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 08:00
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-13S	**Units:**	ng/L
Lab Code:	K2602920-008	**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	2.0	0.95	0.61	1	04/22/26 17:06	4/14/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	2.0	0.96	0.67	1	04/22/26 17:06	4/14/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	2.0	0.97	0.93	1	04/22/26 17:06	4/14/26	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	20	18	1	04/22/26 17:06	4/14/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	20	10	7.3	1	04/22/26 17:06	4/14/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	20	10	7.0	1	04/22/26 17:06	4/14/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	2.0	0.95	0.77	1	04/22/26 17:06	4/14/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	2.0	0.94	0.67	1	04/22/26 17:06	4/14/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	2.0	0.95	0.51	1	04/22/26 17:06	4/14/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	2.0	1.0	0.83	1	04/22/26 17:06	4/14/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	2.0	1.0	0.81	1	04/22/26 17:06	4/14/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	2.0	1.0	0.65	1	04/22/26 17:06	4/14/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	2.0	1.0	0.89	1	04/22/26 17:06	4/14/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	2.0	0.96	0.59	1	04/22/26 17:06	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	03/18/26 08:00
Sample Matrix:	Water	**Date Received:**	03/24/26 09:20
Sample Name:	MW-13S	**Units:**	ng/L
Lab Code:	K2602920-008	**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	109	40 - 135	04/22/26 17:06	
13C3-PFHxS	107	40 - 130	04/22/26 17:06	
13C8-PFOS	104	40 - 130	04/22/26 17:06	
13C4-PFBA	109	5 - 130	04/22/26 17:06	
13C5-PFPeA	111	40 - 130	04/22/26 17:06	
13C5-PFHxA	108	40 - 130	04/22/26 17:06	
13C4-PFHpA	106	40 - 130	04/22/26 17:06	
13C8-PFOA	107	40 - 130	04/22/26 17:06	
13C9-PFNA	106	40 - 130	04/22/26 17:06	
13C6-PFDA	104	40 - 130	04/22/26 17:06	
13C7-PFUnDA	98	30 - 130	04/22/26 17:06	
13C2-PFDoDA	86	10 - 130	04/22/26 17:06	
13C2-PFTeDA	76	10 - 130	04/22/26 17:06	
13C8-FOSA	98	40 - 130	04/22/26 17:06	
D3-MeFOSA	82	10 - 130	04/22/26 17:06	
D5-EtFOSA	72	10 - 130	04/22/26 17:06	
D7-MeFOSE	75	10 - 130	04/22/26 17:06	
D9-EtFOSE	73	10 - 130	04/22/26 17:06	
D3-MeFOSAA	95	40 - 170	04/22/26 17:06	
D5-EtFOSAA	87	25 - 135	04/22/26 17:06	
13C2-4:2 FTS	84	40 - 200	04/22/26 17:06	
13C2-6:2 FTS	96	40 - 200	04/22/26 17:06	
13C2-8:2 FTS	110	40 - 300	04/22/26 17:06	
13C3-HFPO-DA	110	40 - 130	04/22/26 17:06	

QC Summary Forms

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

Client: Onsite Environmental Incorporated **Service Request:** K2602920
Project: 03-286/553-8472-009
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 K2602920-001	MW-2S K2602920-002	MW-3S K2602920-003
13C3-PFBS	40-135	106	112	109
13C3-PFHxS	40-130	104	104	103
13C8-PFOS	40-130	102	106	103
13C4-PFBA	5-130	107	109	109
13C5-PFPeA	40-130	111	115	110
13C5-PFHxA	40-130	107	108	108
13C4-PFHpA	40-130	106	107	105
13C8-PFOA	40-130	105	107	106
13C9-PFNA	40-130	106	108	105
13C6-PFDA	40-130	106	106	106
13C7-PFUnDA	30-130	102	98	98
13C2-PFDoDA	10-130	97	87	91
13C2-PFTeDA	10-130	86	72	77
13C8-FOSA	40-130	98	91	89
D3-MeFOSA	10-130	84	83	82
D5-EtFOSA	10-130	75	75	75
D7-MeFOSE	10-130	80	79	78
D9-EtFOSE	10-130	78	76	76
D3-MeFOSAA	40-170	99	111	95
D5-EtFOSAA	25-135	93	100	90
13C2-4:2 FTS	40-200	100	119	89
13C2-6:2 FTS	40-200	101	118	95
13C2-8:2 FTS	40-300	115	123	106
13C3-HFPO-DA	40-130	105	104	108

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:** K2602920
Project: 03-286/553-8472-009
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 K2602920-004	MW-5S K2602920-005	MW-6S K2602920-006
13C3-PFBS	40-135	111	103	106
13C3-PFHxS	40-130	106	103	102
13C8-PFOS	40-130	101	99	98
13C4-PFBA	5-130	109	108	107
13C5-PFPeA	40-130	111	112	109
13C5-PFHxA	40-130	108	107	106
13C4-PFHpA	40-130	108	107	105
13C8-PFOA	40-130	107	105	107
13C9-PFNA	40-130	106	107	105
13C6-PFDA	40-130	103	106	100
13C7-PFUnDA	30-130	98	100	96
13C2-PFDoDA	10-130	91	91	92
13C2-PFTeDA	10-130	81	79	82
13C8-FOSA	40-130	97	97	96
D3-MeFOSA	10-130	83	87	83
D5-EtFOSA	10-130	73	76	73
D7-MeFOSE	10-130	81	77	78
D9-EtFOSE	10-130	75	75	77
D3-MeFOSAA	40-170	92	96	93
D5-EtFOSAA	25-135	88	91	86
13C2-4:2 FTS	40-200	88	107	83
13C2-6:2 FTS	40-200	92	104	97
13C2-8:2 FTS	40-300	103	116	107
13C3-HFPO-DA	40-130	108	105	106

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:** K2602920
Project: 03-286/553-8472-009
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 K2602920-007	MW-13S K2602920-008	MW-3S KQ2605926-01
13C3-PFBS	40-135	108	109	112
13C3-PFHxS	40-130	104	107	108
13C8-PFOS	40-130	99	104	108
13C4-PFBA	5-130	108	109	112
13C5-PFPeA	40-130	114	111	112
13C5-PFHxA	40-130	108	108	110
13C4-PFHpA	40-130	110	106	108
13C8-PFOA	40-130	109	107	110
13C9-PFNA	40-130	105	106	110
13C6-PFDA	40-130	101	104	108
13C7-PFUnDA	30-130	94	98	103
13C2-PFDoDA	10-130	89	86	94
13C2-PFTeDA	10-130	79	76	81
13C8-FOSA	40-130	98	98	96
D3-MeFOSA	10-130	85	82	87
D5-EtFOSA	10-130	73	72	77
D7-MeFOSE	10-130	76	75	81
D9-EtFOSE	10-130	75	73	81
D3-MeFOSAA	40-170	93	95	101
D5-EtFOSAA	25-135	86	87	92
13C2-4:2 FTS	40-200	105	84	91
13C2-6:2 FTS	40-200	107	96	97
13C2-8:2 FTS	40-300	113	110	110
13C3-HFPO-DA	40-130	109	110	110

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:** K2602920
Project: 03-286/553-8472-009
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 KQ2605926-04	Lab Control Sample KQ2605926-02	Low Level Lab Control Sample KQ2605926-03
13C3-PFBS	40-135	114	112	109
13C3-PFHxS	40-130	109	109	104
13C8-PFOS	40-130	108	109	109
13C4-PFBA	5-130	110	111	109
13C5-PFPeA	40-130	115	118	114
13C5-PFHxA	40-130	109	112	108
13C4-PFHpA	40-130	110	114	109
13C8-PFOA	40-130	107	110	108
13C9-PFNA	40-130	110	114	109
13C6-PFDA	40-130	110	114	113
13C7-PFUnDA	30-130	104	113	110
13C2-PFDoDA	10-130	92	108	108
13C2-PFTeDA	10-130	67	89	90
13C8-FOSA	40-130	96	102	99
D3-MeFOSA	10-130	90	104	103
D5-EtFOSA	10-130	79	95	93
D7-MeFOSE	10-130	69	89	87
D9-EtFOSE	10-130	69	90	89
D3-MeFOSAA	40-170	107	113	111
D5-EtFOSAA	25-135	97	106	101
13C2-4:2 FTS	40-200	125	120	118
13C2-6:2 FTS	40-200	118	115	112
13C2-8:2 FTS	40-300	132	125	126
13C3-HFPO-DA	40-130	107	112	106

Results flagged with an asterisk (*) indicate values outside control criteria.
Results flagged with an pound (#) indicate the control criteria is not acceptable.

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QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project	03-286/553-8472-009	**Date Collected:**	03/18/26
Sample Matrix:	Water	**Date Received:**	03/24/26
		Date Analyzed:	04/22/26

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:	K2602920-003	**Basis:**	NA

Analyte Name	Analysis Method	LOQ	LOD	MDL	Sample Result	Duplicate Sample KQ2605926-01 Result	Average	RPD	RPD Limit
Perfluorobutane sulfonic acid (PFBS)	Draft EPA Method 1633	1.8	0.89	0.60	8.8	8.7	8.74	1	30
Perfluoropentane sulfonic acid (PFPeS)	Draft EPA Method 1633	1.8	0.94	0.64	1.8	1.8 J	1.81	<1	30
Perfluorohexane sulfonic acid (PFHxS)	Draft EPA Method 1633	1.8	0.91	0.70	3.8	3.8	3.78	1	30
Perfluoroheptane sulfonic acid (PFHpS)	Draft EPA Method 1633	1.8	0.95	0.64	ND U	ND U	NC	NC	30
Perfluorooctane sulfonic acid (PFOS)	Draft EPA Method 1633	1.8	0.93	0.92	2.4	2.4	2.38	<1	30
Perfluorononane sulfonic acid (PFNS)	Draft EPA Method 1633	1.8	0.96	0.74	ND U	ND U	NC	NC	30
Perfluorodecane sulfonic acid (PFDS)	Draft EPA Method 1633	1.8	0.97	0.66	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	1.8	1.0	0.64	47	47	46.9	<1	30
Perfluoropentanoic acid (PFPeA)	Draft EPA Method 1633	1.8	1.0	0.60	45	45	44.9	<1	30
Perfluorohexanoic acid (PFHxA)	Draft EPA Method 1633	1.8	1.0	0.66	30	30	30.4	<1	30
Perfluoroheptanoic acid (PFHpA)	Draft EPA Method 1633	1.8	1.0	0.68	14	14	13.7	1	30
Perfluorooctanoic acid (PFOA)	Draft EPA Method 1633	1.8	1.0	0.82	16	16	16.4	1	30
Perfluorononanoic acid (PFNA)	Draft EPA Method 1633	1.8	1.0	0.70	ND U	ND U	NC	NC	30
Perfluorodecanoic acid (PFDA)	Draft EPA Method 1633	1.8	1.0	0.70	ND U	ND U	NC	NC	30
Perfluoroundecanoic acid (PFUnDA)	Draft EPA Method 1633	1.8	1.0	0.70	ND U	ND U	NC	NC	30
Perfluorododecanoic acid (PFDOA)	Draft EPA Method 1633	2.0	2.0	1.3	ND U	ND U	NC	NC	30
Perfluorotridecanoic acid (PFTrDA)	Draft EPA Method 1633	1.8	1.0	0.74	ND U	ND U	NC	NC	30
Perfluorotetradecanoic acid (PFTDA)	Draft EPA Method 1633	2.0	2.0	1.1	ND U	ND U	NC	NC	30
Perfluorooctane sulfonamide (PFOSAm)	Draft EPA Method 1633	1.8	1.0	0.84	ND U	ND U	NC	NC	30
N-Methylperfluorooctane sulfonamide (MeFOSA)	Draft EPA Method 1633	1.8	1.0	0.66	ND U	ND U	NC	NC	30
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	Draft EPA Method 1633	1.8	1.0	0.054	ND U	ND U	NC	NC	30
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	Draft EPA Method 1633	1.8	1.0	0.66	ND U	ND U	NC	NC	30
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	Draft EPA Method 1633	1.8	1.0	0.80	ND U	ND U	NC	NC	30
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	Draft EPA Method 1633	1.8	1.0	0.52	ND U	ND U	NC	NC	30
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	Draft EPA Method 1633	1.8	1.0	0.80	ND U	ND U	NC	NC	30
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	Draft EPA Method 1633	1.8	0.94	0.60	ND U	ND U	NC	NC	30
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	Draft EPA Method 1633	1.8	0.95	0.66	ND U	ND U	NC	NC	30
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	Draft EPA Method 1633	1.8	0.96	0.92	ND U	ND U	NC	NC	30
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	Draft EPA Method 1633	20	20	18	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.

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QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project	03-286/553-8472-009	**Date Collected:**	03/18/26
Sample Matrix:	Water	**Date Received:**	03/24/26
		Date Analyzed:	04/22/26

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:	K2602920-003	**Basis:**	NA

Analyte Name	Analysis Method	LOQ	LOD	MDL	Sample Result	Duplicate Sample KQ2605926-01 Result	Average	RPD	RPD Limit
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	Draft EPA Method 1633	18	10	7.3	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	0.94	0.76	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	0.66	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	0.82	ND U	ND U	NC	NC	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	Draft EPA Method 1633	1.8	1.0	0.80	ND U	ND U	NC	NC	30
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	Draft EPA Method 1633	1.8	1.0	0.64	ND U	ND U	NC	NC	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	Draft EPA Method 1633	1.8	1.0	0.88	ND U	ND U	NC	NC	30
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	Draft EPA Method 1633	1.8	0.95	0.58	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.

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ng/L
Lab Code:	KQ2605926-04	**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	0.60	1	04/22/26 10:39	4/14/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	2.0	0.94	0.64	1	04/22/26 10:39	4/14/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	2.0	0.91	0.70	1	04/22/26 10:39	4/14/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	2.0	0.95	0.64	1	04/22/26 10:39	4/14/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	2.0	0.93	0.92	1	04/22/26 10:39	4/14/26	
Perfluorononane sulfonic acid (PFNS)	ND U	2.0	0.96	0.74	1	04/22/26 10:39	4/14/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	2.0	0.97	0.66	1	04/22/26 10:39	4/14/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	2.0	0.97	0.50	1	04/22/26 10:39	4/14/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)								
Perfluorobutanoic acid (PFBA)	ND U	2.0	1.0	0.64	1	04/22/26 10:39	4/14/26	
Perfluoropentanoic acid (PFPeA)	ND U	2.0	1.0	0.60	1	04/22/26 10:39	4/14/26	
Perfluorohexanoic acid (PFHxA)	ND U	2.0	1.0	0.66	1	04/22/26 10:39	4/14/26	
Perfluoroheptanoic acid (PFHpA)	ND U	2.0	1.0	0.68	1	04/22/26 10:39	4/14/26	
Perfluorooctanoic acid (PFOA)	ND U	2.0	1.0	0.82	1	04/22/26 10:39	4/14/26	
Perfluorononanoic acid (PFNA)	ND U	2.0	1.0	0.70	1	04/22/26 10:39	4/14/26	
Perfluorodecanoic acid (PFDA)	ND U	2.0	1.0	0.70	1	04/22/26 10:39	4/14/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	2.0	1.0	0.70	1	04/22/26 10:39	4/14/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	2.0	1.3	1	04/22/26 10:39	4/14/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	2.0	1.0	0.74	1	04/22/26 10:39	4/14/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	2.0	1.1	1	04/22/26 10:39	4/14/26	
Perfluoroalkyl Sulfonamido Substances								
Perfluorooctane sulfonamide (PFOSAm)	ND U	2.0	1.0	0.84	1	04/22/26 10:39	4/14/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	2.0	1.0	0.66	1	04/22/26 10:39	4/14/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	2.0	1.0	0.054	1	04/22/26 10:39	4/14/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	2.0	1.0	0.66	1	04/22/26 10:39	4/14/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	2.0	1.0	0.80	1	04/22/26 10:39	4/14/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	2.0	1.0	0.52	1	04/22/26 10:39	4/14/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	2.0	1.0	0.80	1	04/22/26 10:39	4/14/26	

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Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ng/L
Lab Code:	KQ2605926-04	**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	0.60	1	04/22/26 10:39	4/14/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	2.0	0.95	0.66	1	04/22/26 10:39	4/14/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	2.0	0.96	0.92	1	04/22/26 10:39	4/14/26	
Fluorotelomer Carboxylic Acids (FTCAs)								
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	20	18	1	04/22/26 10:39	4/14/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	20	10	7.3	1	04/22/26 10:39	4/14/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	20	10	7.0	1	04/22/26 10:39	4/14/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)								
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	2.0	0.94	0.76	1	04/22/26 10:39	4/14/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	2.0	0.93	0.66	1	04/22/26 10:39	4/14/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	2.0	0.94	0.50	1	04/22/26 10:39	4/14/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)								
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	2.0	1.0	0.82	1	04/22/26 10:39	4/14/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	2.0	1.0	0.80	1	04/22/26 10:39	4/14/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	2.0	1.0	0.64	1	04/22/26 10:39	4/14/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	2.0	1.0	0.88	1	04/22/26 10:39	4/14/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	2.0	0.95	0.58	1	04/22/26 10:39	4/14/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ng/L
Lab Code:	KQ2605926-04	**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	114	40 - 135	04/22/26 10:39	
13C3-PFHxS	109	40 - 130	04/22/26 10:39	
13C8-PFOS	108	40 - 130	04/22/26 10:39	
13C4-PFBA	110	5 - 130	04/22/26 10:39	
13C5-PFPeA	115	40 - 130	04/22/26 10:39	
13C5-PFHxA	109	40 - 130	04/22/26 10:39	
13C4-PFHpA	110	40 - 130	04/22/26 10:39	
13C8-PFOA	107	40 - 130	04/22/26 10:39	
13C9-PFNA	110	40 - 130	04/22/26 10:39	
13C6-PFDA	110	40 - 130	04/22/26 10:39	
13C7-PFUnDA	104	30 - 130	04/22/26 10:39	
13C2-PFDoDA	92	10 - 130	04/22/26 10:39	
13C2-PFTeDA	67	10 - 130	04/22/26 10:39	
13C8-FOSA	96	40 - 130	04/22/26 10:39	
D3-MeFOSA	90	10 - 130	04/22/26 10:39	
D5-EtFOSA	79	10 - 130	04/22/26 10:39	
D7-MeFOSE	69	10 - 130	04/22/26 10:39	
D9-EtFOSE	69	10 - 130	04/22/26 10:39	
D3-MeFOSAA	107	40 - 170	04/22/26 10:39	
D5-EtFOSAA	97	25 - 135	04/22/26 10:39	
13C2-4:2 FTS	125	40 - 200	04/22/26 10:39	
13C2-6:2 FTS	118	40 - 200	04/22/26 10:39	
13C2-8:2 FTS	132	40 - 300	04/22/26 10:39	
13C3-HFPO-DA	107	40 - 130	04/22/26 10:39	

QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Analyzed:**	04/22/26
Sample Matrix:	Water	**Date Extracted:**	04/14/26

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:	917625

Lab Control Sample
KQ2605926-02

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	14.5	18.9	77	55-160
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	18.9	19.2	99	60-150
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	17.1	18.7	91	70-145
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	16.8	19.0	88	65-155
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	152	200	76	50-145
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	174	200	87	70-135
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	162	200	81	65-130
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	17.3	18.9	92	65-145
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	16.4	18.7	88	70-155
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	16.9	20.0	85	70-140
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	19.6	20.0	98	65-145
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	17.9	20.0	90	70-145
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	16.6	20.0	83	70-135
N-Methylperfluorooctane sulfonamide (MeFOSA)	17.0	20.0	85	60-150
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	17.8	20.0	89	50-140
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	16.7	20.0	83	70-145
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	17.0	20.0	85	50-150
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	15.2	17.8	85	70-140
Perfluoro-3-methoxypropanoic acid (PFMPA)	16.1	20.0	81	55-140
Perfluoro-4-methoxybutanoic acid (PFMBA)	16.5	20.0	83	60-150
Perfluorobutane sulfonic acid (PFBS)	15.3	17.7	86	60-145
Perfluorobutanoic acid (PFBA)	17.4	20.0	87	70-140
Perfluorodecane sulfonic acid (PFDS)	16.5	19.3	85	60-145
Perfluorodecanoic acid (PFDA)	17.6	20.0	88	70-140
Perfluorododecane sulfonic acid (PFDoS)	12.9	19.4	66	50-145
Perfluorododecanoic acid (PFDOA)	18.6	20.0	93	70-140
Perfluoroheptane sulfonic acid (PFHpS)	17.1	19.1	90	70-150
Perfluoroheptanoic acid (PFHpA)	17.6	20.0	88	70-150
Perfluorohexane sulfonic acid (PFHxS)	16.3	18.3	89	65-145
Perfluorohexanoic acid (PFHxA)	17.6	20.0	88	70-145
Perfluorononane sulfonic acid (PFNS)	16.7	19.2	87	65-145

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QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Analyzed:**	04/22/26
Sample Matrix:	Water	**Date Extracted:**	04/14/26

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:	917625

Lab Control Sample
KQ2605926-02

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Perfluorononanoic acid (PFNA)	17.3	20.0	86	70-150
Perfluorooctane sulfonamide (PFOSAm)	18.2	20.0	91	70-145
Perfluorooctane sulfonic acid (PFOS)	16.4	18.6	88	55-150
Perfluorooctanoic acid (PFOA)	17.5	20.0	88	70-150
Perfluoropentane sulfonic acid (PFPeS)	17.0	18.8	90	65-140
Perfluoropentanoic acid (PFPeA)	17.4	20.0	87	65-135
Perfluorotetradecanoic acid (PFTDA)	17.3	20.0	86	60-140
Perfluorotridecanoic acid (PFTrDA)	17.7	20.0	88	65-140
Perfluoroundecanoic acid (PFUnDA)	17.2	20.0	86	70-145

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QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Analyzed:**	04/22/26
Sample Matrix:	Water	**Date Extracted:**	04/14/26

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:	917625

Low Level Lab Control Sample
KQ2605926-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	2.72	3.77	72	55-160
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	3.24	3.84	84	60-150
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	3.22	3.75	86	70-145
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.18	3.80	84	65-155
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	28.3	40.0	71	50-145
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	33.4	40.0	84	70-135
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	31.9	40.0	80	65-130
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	3.32	3.78	88	65-145
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	3.10	3.73	83	70-155
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	3.26	4.00	82	70-140
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	3.84	4.00	96	65-145
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	3.46	4.00	87	70-145
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	3.34	4.00	84	70-135
N-Methylperfluorooctane sulfonamide (MeFOSA)	3.06	4.00	77	60-150
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	3.38	4.00	85	50-140
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	3.22	4.00	81	70-145
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.20	4.00	80	50-150
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	2.78	3.56	78	70-140
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.98	4.00	75	55-140
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.06	4.00	77	60-150
Perfluorobutane sulfonic acid (PFBS)	2.82	3.55	79	60-145
Perfluorobutanoic acid (PFBA)	3.26	4.00	82	70-140
Perfluorodecane sulfonic acid (PFDS)	3.02	3.86	78	60-145
Perfluorodecanoic acid (PFDA)	3.22	4.00	81	70-140
Perfluorododecane sulfonic acid (PFDoS)	2.42	3.88	62	50-145
Perfluorododecanoic acid (PFDOA)	3.68	4.00	92	70-140
Perfluoroheptane sulfonic acid (PFHpS)	3.24	3.81	85	70-150
Perfluoroheptanoic acid (PFHpA)	3.24	4.00	81	70-150
Perfluorohexane sulfonic acid (PFHxS)	3.06	3.66	84	65-145
Perfluorohexanoic acid (PFHxA)	3.28	4.00	82	70-145
Perfluorononane sulfonic acid (PFNS)	3.18	3.85	83	65-145

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2602920
Project:	03-286/553-8472-009	**Date Analyzed:**	04/22/26
Sample Matrix:	Water	**Date Extracted:**	04/14/26

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:	917625

Low Level Lab Control Sample
KQ2605926-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Perfluorononanoic acid (PFNA)	3.24	4.00	81	70-150
Perfluorooctane sulfonamide (PFOSAm)	3.38	4.00	85	70-145
Perfluorooctane sulfonic acid (PFOS)	2.74	3.71	74	55-150
Perfluorooctanoic acid (PFOA)	3.16	4.00	79	70-150
Perfluoropentane sulfonic acid (PFPeS)	3.28	3.76	87	65-140
Perfluoropentanoic acid (PFPeA)	3.32	4.00	83	65-135
Perfluorotetradecanoic acid (PFTDA)	3.26	4.00	82	60-140
Perfluorotridecanoic acid (PFTrDA)	3.14	4.00	79	65-140
Perfluoroundecanoic acid (PFUnDA)	3.22	4.00	81	70-145

ANATEK LABS

Analytical Results Report For:

OnSite Environmental, Inc.

Project:

Parametrix DTG Yakima

Anatek Work Order:

YGC0140

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:	YGC0140
Address:	14648 NE. 95th St.	Project:	Parametrix DTG Yakima
	Redmond, WA 98052	Reported:	3/20/2026 14:43
Attn:	David Baumeister		

Analytical Results Report

Sample Location:	MW-2S		
Lab/Sample Number:	YGC0140-01	Collect Date:	03/17/26 15:10
Date Received:	03/17/26 15:55	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	0.678	mg/L	0.200	3/19/26 10:48	ASG	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-5S		
Lab/Sample Number:	YGC0140-02	Collect Date:	03/17/26 11:45
Date Received:	03/17/26 15:55	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	3/19/26 10:48	ASG	Hach 10206	

Anatek Labs, Inc.

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Sample Location:	MW-7D		
Lab/Sample Number:	YGC0140-03	Collect Date:	03/17/26 13:45
Date Received:	03/17/26 15:55	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	3/19/26 10:48	ASG	Hach 10206	

Anatek Labs, Inc.

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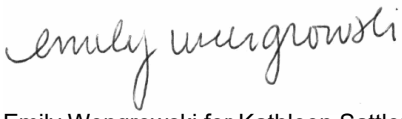
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

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

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The results reported related only to the samples indicated.

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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: BGC0861 - Y Hach Vial										
Blank (BGC0861-BLK1)					Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	ND		0.200	mg/L						
LCS (BGC0861-BS1)					Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	4.89		0.200	mg/L	5.00		97.8	90-110		
MRL Check (BGC0861-MRL1)					Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	0.263		0.200	mg/L	0.230		114	50-150		
Matrix Spike (BGC0861-MS1)		**Source: YGC0145-02**			Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	61.4		2.00	mg/L	50.0	13.5	95.8	80-120		
Matrix Spike Dup (BGC0861-MSD1)		**Source: YGC0145-02**			Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	62.2		2.00	mg/L	50.0	13.5	97.4	80-120	1.29	20

ANATEK LABS

Chain of Custody Record

Anatek
1282 Alturas Drive, Mo
504 E Sprague Ste D, Spo

YGC0140

Due: 04/01/26

Tur

Please

www.anateklabs.com/pric

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: Brittnies 360-621-7463
Email Address(es): dbaumeister@onsite-env.com	

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	Preservative: Nitrate
	~~MW-1S~~		~~Water~~	1		X
	MW-2S	3/17/26 - 1510	Water	1		X
	~~MW-3S~~		~~Water~~	2		X
	~~MW-4S~~		~~Water~~	1		X
	MW-5S	3/17/26 - 1145	Water	1		X
	~~MW-6S~~		~~Water~~	1		X
	~~MW-11S~~		~~Water~~	1		X
	~~MW-13S~~		~~Water~~	1		X
	MW-7D	3/17/26 - 1345	Water	1		X
	~~MW-8D~~		~~Water~~	1		X
	~~MW-9D~~		~~Water~~	1		X
	~~MW-10D~~		~~Water~~	1		X
	Leachate Pond		Water	1		X

List Analyses Requested

Note Special Instructions/Comments

Extra MS/MSD volume @ MW-~~3~~6S

	Printed Name	Signature	Company	Date	Time
Relinquished by	Brianna L. Ithines		Parametrix	3/17/26	1555
Received by	DesireeAlling		Anatek	3-17-26	15:55
Relinquished by					
Received by					
Relinquished by					
Received by					

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): 9.6/9.4°C DIG-01
Number of Containers:
Shipped Via:
Preservative:
Date & Time:
Inspected 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.

YGC0140

Due: 04/01/26

ANATEK LABS

Sample Re

Client Name: OnSite Environmental

TAT: (Normal) RUSH: _____ days

Cooler Temperature
Corrected (°C): 9.6/9.4-C
Thermometer Used: DIG.-01

Samples Received From: FedEx UPS USPS (Hand) Courier RC Other: _____

Custody Seal on Cooler/Box: Yes (No) Custody Seals Intact: Yes (No) N/A

Number of Coolers/Boxes: 1 Type of Ice: (Wet Ice) Ice Packs None Other_____

Packing Material: Bubble Wrap Bags Foam/Peanuts Paper None (Other: ice)

				Comments
Samples Received Intact?	(Yes)	No		
Chain of Custody Present/Complete?	(Yes)	No		
Labels and Chains Agree?	(Yes)	No		
Samples Received Within Hold Time?	(Yes)	No		
Correct Containers Received?	(Yes)	No		
Anatek Bottles Used?	Yes	(No)	Unknown	
Samples Properly Preserved?	Yes	No	(N/A)	*If No, record preservation and pH*
				Initial pH: <2 or / pH Paper ID:
VOC Vials Free of Headspace (<6mm)?	Yes	No	(N/A)	
VOC Trip Blanks Present?	Yes	No	(N/A)	
Total Number of Sample Bottles Received: 3				

Record bottle types, preservatives, and lot numbers (if known) below. Please list bottles in descending order by size:

3x Client container (500mL)

Notes, comments, etc. (also use this space if contacting the client - record names and date/time)

Received/Inspected By: Desiree Aj Date/Time: 3-17-26 @ 15:55

ANATEK LABS

Analytical Results Report For:

OnSite Environmental, Inc.

Project:

Parametrix DTG Yakima

Anatek Work Order:

YGC0145

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:	YGC0145
Address:	14648 NE. 95th St.	Project:	Parametrix DTG Yakima
	Redmond, WA 98052	Reported:	3/20/2026 13:57
Attn:	David Baumeister		

Analytical Results Report

Sample Location:	MW-1S		
Lab/Sample Number:	YGC0145-01	Collect Date:	03/18/26 08:50
Date Received:	03/18/26 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	3/19/26 10:48	ASG	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-3S		
Lab/Sample Number:	YGC0145-02	Collect Date:	03/18/26 12:50
Date Received:	03/18/26 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	13.5	mg/L	2.00	3/19/26 14:29	ASG	Hach 10206	

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Sample Location:	MW-4S		
Lab/Sample Number:	YGC0145-03	Collect Date:	03/18/26 14:50
Date Received:	03/18/26 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	70.5	mg/L	2.00	3/19/26 16:25	ASG	Hach 10206	

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Sample Location:	MW-6S		
Lab/Sample Number:	YGC0145-04	Collect Date:	03/18/26 14:05
Date Received:	03/18/26 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	16.2	mg/L	2.00	3/19/26 10:48	ASG	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-11S		
Lab/Sample Number:	YGC0145-05	Collect Date:	03/18/26 10:20
Date Received:	03/18/26 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	1.83	mg/L	0.200	3/19/26 10:48	ASG	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:	YGC0145-06	Collect Date:	03/18/26 08:00
Date Received:	03/18/26 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	11.8	mg/L	0.200	3/19/26 10:48	ASG	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:	YGC0145-07	Collect Date:	03/18/26 15:45
Date Received:	03/18/26 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	1.26	mg/L	0.200	3/19/26 10:48	ASG	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:	YGC0145-08	Collect Date:	03/18/26 11:50
Date Received:	03/18/26 16:19	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	3/19/26 10:48	ASG	Hach 10206	

Anatek Labs, Inc.

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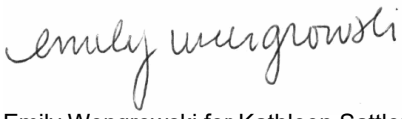
504 E Sprague Ste. D - Spokane, WA 99202 - (509) 838-3999 - email spokane@anateklabs.com

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

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The results reported related only to the samples indicated.

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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: BGC0861 - Y Hach Vial										
Blank (BGC0861-BLK1)					Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	ND		0.200	mg/L						
LCS (BGC0861-BS1)					Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	4.89		0.200	mg/L	5.00		97.8	90-110		
MRL Check (BGC0861-MRL1)					Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	0.263		0.200	mg/L	0.230		114	50-150		
Matrix Spike (BGC0861-MS1)		**Source: YGC0145-02**			Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	61.4		2.00	mg/L	50.0	13.5	95.8	80-120		
Matrix Spike Dup (BGC0861-MSD1)		**Source: YGC0145-02**			Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	62.2		2.00	mg/L	50.0	13.5	97.4	80-120	1.29	20

ANATEK LABS

Chain of Custody Record

Anatek La
1282 Alturas Drive, Moscow
504 E Sprague Ste D, Spokane

YGC0145

Due: 04/02/26

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: Bri Hines
Email Address(es): dbaumeister@onsite-env.com	

Turn Arc

Please refer to www.anateklabs.com/pricing-lists

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	# of Containers	Sample Volume	Preservative: Nitrate
	MW-1S	3-18-26/0850	Water	1		X
	~~MW-2S~~		~~Water~~	~~1~~		~~X~~
	MW-3S	3-18-26/1250	Water	2		X
	MW-4S	3-18-26/1450	Water	1		X
	~~MW-5S~~		~~Water~~	~~1~~		~~X~~
	MW-6S	3-18-26/1405	Water	1		X
	MW-11S	3-18-26/1020	Water	1		X
	MW-13S	3-18-26/0800	Water	1		X
	~~MW-7D~~		~~Water~~	~~1~~		~~X~~
	MW-8D	3-18-26/1545	Water	1		X
	MW-9D	3-18-26/1150	Water	1		X
	~~MW-10D~~		~~Water~~	~~1~~		~~X~~
	~~Leachate Pond~~		~~Water~~	~~1~~		~~X~~

Note Special Instructions/Comments

Extra MS/MSD volume @ MW-3S

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):_____

Number of Containers:_____

Shipped Via:_____

Preservative:_____

Date & Time: 3/18/26 1619

Inspected By:_____

	Printed Name	Signature	Company	Date	Time
Relinquished by	Brianna Hines		Parametrix	3/18/26	1620
Received by	Ashley Anderson		Anatek	3/18/26	1619
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.

YGC0145

Due: 04/02/26

ANATEK LABS

Sample Receipt and

oler Temperature

Corrected (°C): 2.2 | 2.0 -C

Thermometer Used: DIG.-01

Client Name: Onsite Environmental

TAT: (Normal) RUSH: _____ days

Samples Received From: FedEx UPS USPS (Hand) Courier RC Other: _____

Custody Seal on Cooler/Box: Yes (No) Custody Seals Intact: Yes No (N/A)

Number of Coolers/Boxes: 1 Type of Ice: (Wet Ice) Ice Packs None Other_____

Packing Material: Bubble Wrap Bags Foam/Peanuts Paper (None) Other: _____

				Comments
Samples Received Intact?	(Yes)	No		
Chain of Custody Present/Complete?	(Yes)	No		
Labels and Chains Agree?	(Yes)	No		
Samples Received Within Hold Time?	(Yes)	No		
Correct Containers Received?	(Yes)	No		
Anatek Bottles Used?	(Yes)	(No)	Unknown	
Samples Properly Preserved?	Yes	No	(N/A)	*If No, record preservation and pH*
				Initial pH: <2 or | pH Paper ID:
VOC Vials Free of Headspace (<6mm)?	Yes	No	(N/A)	
VOC Trip Blanks Present?	Yes	No	(N/A)	
Total Number of Sample Bottles Received: 9				

Record bottle types, preservatives, and lot numbers (if known) below. Please list bottles in descending order by size:

Client Cont x 9

Notes, comments, etc. (also use this space if contacting the client - record names and date/time)

Received/Inspected By: Alinden Date/Time: 3/18/26 1619



Analytical Results Report For:

OnSite Environmental, Inc.

Project:

Parametrix DTG Yakima

Anatek Work Order:

YGC0156

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:	YGC0156
Address:	14648 NE. 95th St.	Project:	Parametrix DTG Yakima
	Redmond, WA 98052	Reported:	3/20/2026 13:40
Attn:	David Baumeister		

Analytical Results Report

Sample Location:	MW-10D		
Lab/Sample Number:	YGC0156-01	Collect Date:	03/19/26 08:45
Date Received:	03/19/26 10:30	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	2.00	mg/L	2.00	3/19/26 14:29	ASG	Hach 10206	

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

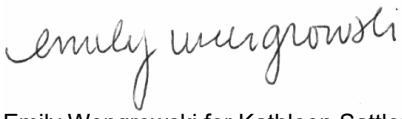
Sample Location:	Leachate Pond		
Lab/Sample Number:	YGC0156-02	Collect Date:	03/19/26 09:30
Date Received:	03/19/26 10:30	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	2.00	3/19/26 14:29	ASG	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

This report shall not be reproduced except in full, without the written approval of the laboratory
The results reported related only to the samples indicated.

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: BGC0861 - Y Hach Vial										
Blank (BGC0861-BLK1)					Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	ND		0.200	mg/L						
LCS (BGC0861-BS1)					Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	4.89		0.200	mg/L	5.00		97.8	90-110		
MRL Check (BGC0861-MRL1)					Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	0.263		0.200	mg/L	0.230		114	50-150		
Matrix Spike (BGC0861-MS1)		**Source: YGC0145-02**			Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	61.4		2.00	mg/L	50.0	13.5	95.8	80-120		
Matrix Spike Dup (BGC0861-MSD1)		**Source: YGC0145-02**			Prepared: 03/19/26 10:33- Analyzed: 03/19/26 10:48					
Nitrate as N	62.2		2.00	mg/L	50.0	13.5	97.4	80-120	1.29	20

ANATEK LABS

Chain of Custody Record

Anatek L
1282 Alturas Drive, Moscov
504 E Sprague Ste D, Spokan
4802 Tieton Drive, Yakima
3019 GS Center Road, Wenatch

YGC0156

Due: 04/02/26

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: Bri Hines
Email Address(es): dbaumeister@onsite-env.com	

Turn Ar

Please refer t
www.a

✓ Normal
__Next Day*
__2nd Day*
__Other*_____

__Phone
__Email

*All rush order requests must have prior approval

Additional Guidance

Sampling Type: Circle sampling method (G = grab, C = composite)

Matrix: Indicate matrix (W = water; S = soil, T = plant tissue, O = other). If O, describe matrix type in Note Special Instructions/Comments.

List Analyses Requested

Lab ID	Sample Identification	Sampling Date/Time	Sampling Type	Matrix	Preservative: # of Containers	Sample Volume	Nitrate
	MW-10D	3/19 - 0845	G / C	Water	1		X
	Leachate Pond	3/19 - 0930	G / C	Water	1		X
			G / C				
			G / C				
			G / C				
			G / C				
			G / C				
			G / C				
			G / C				
			G / C				
			G / C				
			G / C				
			G / C				

Compliance Information

Compliance Sample? Y N

Compliance Agency: WA DOE ID DEQ EPA

Other:_____

Note Special Instructions/Comments

	Printed Name	Signature	Company	Date	Time
Relinquished by	Brianna L Hines		Parametrix	3/19/26	1030
Received by	G. Stubblefield		Anatek	3/19/26	10:30
Relinquished by					
Received by					
Relinquished by					
Received by					

For Anatek Labs Use Only

Inspection Checklist

Temperature (°C):_____

Date & Time:_____

Inspected By:_____ ☐ Inspected by Receiver

Payment Information

Amount $_____ Rec'd By_____

☐ Cash ☐ Check # _____

☐ Bill ☐ PO # _____

☐ Other _____

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.

YGC0156

Due: 04/02/26

ANATEK LABS

Sample Receipt a

Client Name: Onsite (Parametrix

TAT: Normal RUSH: _____ days

Cooler Temperature

Corrected (°C): 11.6

Thermometer Used: DIG.-01

Samples Received From: FedEx UPS USPS (Hand) Courier RC Other: _____

Custody Seal on Cooler/Box: Yes (No) Custody Seals Intact: Yes No (N/A)

Number of Coolers/Boxes: (0) Type of Ice: Wet Ice Ice Packs (None) Other_____

Packing Material: Bubble Wrap Bags Foam/Peanuts Paper (None) Other: _____

Samples Received Intact?	(Yes)	No	
Chain of Custody Present/Complete?	(Yes)	No	
Labels and Chains Agree?	(Yes)	No	
Samples Received Within Hold Time?	(Yes)	No	
Correct Containers Received?	(Yes)	No	
Anatek Bottles Used?	(Yes)	No	Unknown
Samples Properly Preserved?	Yes	No	(N/A)
VOC Vials Free of Headspace (<6mm)?	Yes	No	(N/A)
VOC Trip Blanks Present?	Yes	No	(N/A)
Total Number of Sample Bottles Received: 2			

Comments	
If No, record preservation and pH	
Initial pH: <2 or	pH Paper ID:

Record bottle types, preservatives, and lot numbers (if known) below. Please list bottles in descending order by size:

2x Client Container P500

Notes, comments, etc. (also use this space if contacting the client - record names and date/time)

Received/Inspected By: _____ Date/Time: 3/19/26 @ 10:35

Form F06.01 - Eff 20 Oct 2025

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: 03-286

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)	PFAS (EPA 1633)	VOCs (8260D – WAC 173-351 Appendix I) Naphthalene; SIM-VC and 1,2-EDB		MS/MSD		*Nitrate									% Moisture
1	MW-1S	3/18/26	0850	Water	7	X	X	X	X	X	X	X					X									
2	MW-2S	3/17/26	1510	Water	7	X	X	X	X	X	X	X					X									
3	MW-3S	3/18/26	1250	Water	16	X	X	X	X	X	X	X	X		X		X									
4	MW-4S	3/18/26	1450	Water	10	X	X	X	X	X	X	X	X				X									
5	MW-5S	3/17/26	1145	Water 7	~~10~~	X	X	X	X	X	X	X					X									
6	MW-6S	3/18/26	1405	Water	10	X	X	X	X	X	X	X	X				X									
7	MW-11S	3/18/26	1020	Water	7	X	X	X	X	X	X	X					X									
8	MW-13S	3/18/26	0800	Water 10	~~7~~	X	X	X	X	X	X	X	X				X									
9	MW-7D	3/17/26	1345	Water	6	X	X	X	X	X	X						X									
10	MW-8D	3/18/26	1545	Water	6	X	X	X	X	X	X						X									

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	3/19/26	1325
Received	[signature]	OSE	3/19/26	1325
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

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

*Nitrate subbed to local lab; not included in bottle count but included on COC for reporting

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
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: 03-286

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)	PFAS (EPA 1633)	VOCs (8260D – WAC 173-351 Appendix I) Naphthalene; SIM-VC and 1,2-EDB		MS/MSD		*Nitrate									% Moisture
11	MW-9D	3/18/26	1150	Water	6	X	X	X	X	X	X														
12	MW-10D	3/19/26	0845	Water	6	X	X	X	X	X	X														
13	Leachate Pond	3/19/26	0930	Water	8	X	X	X	X		X		X				X								
						X																			

	Signature	Company	Date	Time
Relinquished		Parametrix	3/19/26	1325
Received		OSE	3/19/26	1325
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

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

*Nitrate subbed to local lab; not included in bottle count but included on COC for reporting

Chromatograms with final report ☐

Data Quality Evaluation

Parametrix
let's create tomorrow, together

Memorandum

DATE:	June 5, 2026
TO:	Project File
FROM:	Sally Nguyen
SUBJECT:	First Quarter 2026 Data Quality Evaluation
CC:	Mike Brady
PROJECT NUMBER:	553-8472-012
PROJECT NAME:	DTG Yakima Limited Purpose Landfill

A data quality evaluation was conducted for the first quarter 2026 sampling event at the DTG Yakima Limited Purpose Landfill (LPL). Samples were collected on March 17 through 19, 2026 by Parametrix under contract to DTG. The samples were analyzed by OnSite Environmental (OnSite) under the associated work orders:

- Work Order 2603-286 (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-3S DUP)): Wet chemistry, dissolved and total metals, and volatile organic compounds (VOCs).
    - Nitrate samples were subcontracted to Anatek Labs (Anatek) under work orders YGC0140, YGC0145, and YGC0156.
    - PFAS samples were subcontracted to ALS Environmental under work order 03-286.

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-3S, 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 were collected on March 17 through 19, 2026. Nitrate samples were received by Anatek at 15:55 on March 17, 2026, 16:19 on March 18, 2026, and 10:30 on March 19, 2026. The remainder of samples were received by OnSite at 13:25 on March 19, 2026. They were maintained at the laboratory at a temperature of 2 to 6 degrees Celsius.

Work Orders 2603-286

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.

The MS/MSD (if required) percent recoveries and RPDs and spike blank percent recoveries 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/MSD percent recoveries and RPDs and spike blank percent recoveries were within control limits.

Volatile Organic Compounds (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) percent recoveries and relative percent differences (RPDs) were within control limits except for bromomethane and iodomethane which were flagged "I" by the laboratory in the MS/MSD and spike blank due to compound recovery outside of control limits (high).

Anatek Work Order YGC0140 (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 YGC0145 (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 YGC0156 (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.

ALS Work Order 03-286 (subcontracted)

PFAS (EPA Method 1633)

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.

The laboratory flagged the following samples "J" as estimated due to results between the method detection limit (MDL) and the method reporting limit (MRL):

- PFHxA in MW-5S
- PFPeS and PFHpA in MW-6S
- PFPeS in MW-13S

The "J" flags will be retained.

Field Duplicate Evaluation

Relative Percent Differences (RPDs) were calculated for the results of sample MW-3S 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 dissolved solids (TDS).

Data Qualification

- Qualify TDS for sample MW-3S and its duplicate MW-13S "J" as estimated values due to variability between the sample and field duplicate. The TDS concentration from MW-13S will be used for data evaluation purposes because it is more typical based on historical results.
- Qualify PFHxA in MW-5S, PFPeS and PFHpA in MW-6S, and PFPeS in MW-13S "J" as estimated due to detections between the MDL and MRL.

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

First Quarter 2026 Field Duplicate Relative Percent Difference Calculations

DTG Yakima LPL Field Duplicate Relative Percent Difference Calculations
553-8472-012

First Quarter 2026
Sample Dates: March 17-19, 2026
Sample analyses: On-Site Environmental 2603-286 (Wet chemistry, dissolved metals, total metals, VOCs):
MW-2S, MW-2S, MW-3S, MW-4S, MW-5S, MW-6S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-3S DUP), Trip Blanks
Anatek YGC0140 (Nitrates): MW-2S, MW-5S, MW-7D
Anatek YGC0145 (Nitrates): MW-1S, MW-3S, MW-4S, MW-6S, MW-11S, MW-13S, MW-8D, MW-9D
Anatek YGC0156 (Nitrates): MW-10D, Leachate Pond
ALS Environmental (PFAS): 03-286
MS/MSD extra volume collected at MW-3S
DUP MW-13S collected at MW-3S
Completed by: Sally Nguyen 4/29/2026

Groundwater	sample	duplicate	avg	diff	RPD	=/<25%?	RL	w/in RL?
units = mg/L	**MW-3S**	**MW-13S**						
Iron, Total	<0.050	<0.050	n/a	n/a	n/a		0.050	y
Magnesium, Total	35	39	37.00	-4	10.8	y	1.0	
Manganese, Total	<0.010	<0.010	n/a	n/a	n/a		0.010	y
Calcium, Dissolved	53	49	51	4	7.8	y	1.1	
Iron, Dissolved	<0.056	<0.056	n/a	n/a	n/a		0.056	y
Magnesium, Dissolve	35	35	35	0	0.0	y	1.1	
Manganese, Dissolve	<0.011	<0.011	n/a	n/a	n/a		0.011	y
Potassium, Dissolved	4.9	4.8	4.9	0.1	2.1	y	1.1	
Sodium, Dissolved	20	20	20	0	0.0	y	1.1	
Nitrate	13.5	11.8	12.65	1.7	13.4	y	0.200	
Chloride	63	65	64	-2	3.1	y	2.0	
Sulfate	78	85	82	-7	8.6	y	20	
TDS	**110**	**390**	**250**	**-280**	**112.0**	**n**	**13**	**n**
Alkalinity	110	100	105	10	9.5	y	2.0	
Bicarbonate	110	100	105	10	9.5	y	2.0	
Ammonia	<0.053	<0.053	n/a	n/a	n/a		0.053	y
TOC	3.0	3.0	3.00	0	0.0	y	1.0	
units = ng/L								
PFBS	8.8	9.0	8.90	-0.2	2.2	y	1.8/2.0	
PFPeS	1.8	1.8	1.80	0	0.0	y	1.8/2.0	
PFHxS	3.8	3.8	4	0	0.0	y	1.8/2.0	
PFOS	2.4	2.3	2	0.1	4.3	y	1.8/2.0	
PFBA	47	48	47.50	-1	2.1	y	1.8/2.0	
PFPeA	45	46	45.50	-1	2.2	y	1.8/2.0	
PFHxA	30	31	31	-1	3.3	y	1.8/2.0	
PFHpA	14	14	14	0	0.0	y	1.8/2.0	
PFOA	16	17	17	-1	6.1	y	1.8/2.0	

Comments: Qualify total dissolved solids results for MW-3S and MW-13S "J" as estimated.

Appendix C

Groundwater and Leachate Quality Summary Tables

- Table C-1. First Quarter 2026 Shallow Aquifer Groundwater Quality Monitoring Results
- Table C-2. Per- and Poly-fluoroalkyl Substances (PFAS) Groundwater Monitoring Results
- Table C-3. First Quarter 2026 Interflow Zone Groundwater Quality Monitoring Results
- Table C-4. Groundwater Samples that Failed to Meet Applicable Groundwater Standards, First Quarter 2026
- Table C-5. First Quarter 2026 Leachate Groundwater Quality Monitoring Results

Table C-1. First Quarter 2026 Shallow Aquifer Groundwater Quality Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	GWQS	MCL	MW-1S 3/18/2026	MW-2S 3/17/2026	MW-3S 3/18/2026	MW-13S (MW-3S Dup) 3/18/2026	MW-4S 3/18/2026	MW-5S 3/17/2026	MW-6S 3/18/2026	MW-11S 3/18/2026	Trip Blank 3/17/2026
Field Data												
pH		6.5-8.5		7.11	7.38	7.11	--	7.08	7.80	7.27	7.95	--
Conductivity	µmhos/cm		700 **	176.5	129.2	644	--	**1024**	275	620	255.8	--
Temperature	C			13.0	13.2	14.3	--	12.9	14.5	12.6	13.2	--
Redox	mv			381.4	144.5	260.2	--	259.1	-67.6	267.1	291.3	--
Dissolved Oxygen	mg/L			0.99	6.19	3.93	--	3.94	1.53	3.54	2.31	--
Turbidity	NTU			3.77	0.96	0.00	--	0.00	0.00	0.06	0.01	--
Metals												
Calcium, Dissolved	mg/L			13	13	53	49	90	27	47	20	--
Iron, Total	mg/L	0.30 **	0.3 **	**0.56**	<0.050	<0.050	<0.050	<0.050	0.13	0.068	<0.050	--
Iron, Dissolved	mg/L		0.3 **	<0.056	<0.056	<0.056	<0.056	<0.056	0.097	<0.056	<0.056	--
Magnesium, Total	mg/L			8.3	9.1	35	39	65	17	34	17	--
Magnesium, Dissolved	mg/L			7.9	8.6	35	35	64	18	32	15	--
Manganese, Total	mg/L	0.05 **	0.05 **	**0.18**	<0.010	<0.010	<0.010	<0.010	0.025	0.015	<0.010	--
Manganese, Dissolved	mg/L		0.05 **	0.019	<0.011	<0.011	<0.011	<0.011	0.022	<0.011	<0.011	--
Potassium, Dissolved	mg/L			2.6	3.0	4.9	4.8	6.7	3.6	4.7	3.9	--
Sodium, Dissolved	mg/L			14	9.1	20	20	20	17	17	12	--
Water Quality Parameters												
Alkalinity, Total	mg CaCO3/L			84	80	110	100	140	110	90	110	--
Ammonia (NH3) as Nitrogen (N)	mg/L			<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	--
Bicarbonate	mg CaCO3/L			84	80	110	100	140	110	90	110	--
Chloride	mg/L	250 **	250 **	18	2.1	63	65	36	18	65	8.6	--
Nitrate	mg/L-N	10 *	10 *	<0.200	0.678	**13.5**	**11.8**	**70.5**	<0.200	**16.2**	1.83	--
Sulfate	mg/L	250 **	250 **	7.6	<5.0	78	85	130	50	61	14	--
Total Dissolved Solids	mg/L	500 **	500 **	150	140	110 J	390 J	**690**	220	390	170	--
Total Organic Carbon	mg/L			<1.0	<1.0	3.0	3.0	3.6	<1.0	3.3	<1.0	--
Volatile Organic Compounds												
Chloromethane	µg/L			--	--	<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
Bromomethane	µg/L			--	--	<1.0	<1.0	<1.0	--	<1.0	--	<1.0
Chloroethane	µg/L			--	--	<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
1,1-Dichloroethene	µg/L		7 *	--	--	<0.20	<0.20	<0.20	--	<0.20	--	<0.20
Acetone	µg/L			--	--	<5.0	<5.0	<5.0	--	<5.0	--	<5.0
Methyl Iodide	µg/L			--	--	<2.0	<2.0	<2.0	--	<2.0	--	<2.0
Carbon Disulfide	µg/L			--	--	<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
Acrylonitrile	µg/L	0.07 ***		--	--	<0.50	<0.50	<0.50	--	<0.50	--	<0.50
Trans-1,2-Dichloroethene	µg/L		100 *	--	--	<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
Vinyl Acetate	µg/L			--	--	<1.3	<1.3	<1.3	--	<1.3	--	<1.3
cis-1,2-Dichloroethene	µg/L		70 *	--	--	<0.20	<0.20	<0.20	--	<0.20	--	<0.20
2-Butanone	µg/L			--	--	<5.0	<5.0	<5.0	--	<5.0	--	<5.0
Bromochloromethane	µg/L			--	--	<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
1,1,1-Trichloroethane	µg/L	200 *	200 *	--	--	<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
Benzene	µg/L	1 ***	5 *	--	--	<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

Table C-1. First Quarter 2026 Shallow Aquifer Groundwater Quality Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	GWQS	MCL	MW-1S 3/18/2026	MW-2S 3/17/2026	MW-3S 3/18/2026	MW-13S (MW-3S Dup) 3/18/2026	MW-4S 3/18/2026	MW-5S 3/17/2026	MW-6S 3/18/2026	MW-11S 3/18/2026	Trip Blank 3/17/2026
Volatile Organic Compounds (cont.)												
Trichloroethene	µg/L	3 ***	5 *	--	--	<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
Dibromomethane	µg/L			--	--	<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
cis-1,3-Dichloropropene	µg/L			--	--	<0.20	<0.20	<0.20	--	<0.20	--	<0.20
4-methyl-2-pentanone	µg/L			--	--	<2.0	<2.0	<2.0	--	<2.0	--	<2.0
Toluene	µg/L		1000 *	--	--	<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
1,1,2-Trichloroethane	µg/L		5 *	--	--	<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
2-Hexanone	µg/L			--	--	<2.0	<2.0	<2.0	--	<2.0	--	<2.0
Dibromochloromethane	µg/L		80 * THM	--	--	<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
Chlorobenzene	µg/L		100 *	--	--	<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
Ethylbenzene	µg/L		700 *	--	--	<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
o-Xylene	µg/L			--	--	<0.20	<0.20	<0.20	--	<0.20	--	<0.20
Styrene	µg/L		100 *	--	--	<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
1,1,2,2-Tetrachloroethane	µg/L			--	--	<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
trans-1,4-Dichloro-2-butene	µg/L			--	--	<0.50	<0.50	<0.50	--	<0.50	--	<0.50
1,4-Dichlorobenzene	µg/L	4 ***	75 *	--	--	<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
1,2-Dibromo-3-chloropropane	µg/L		0.2 *	--	--	<1.0	<1.0	<1.0	--	<1.0	--	<1.0
Naphthalene	µg/L	MTCA Method A:	160	--	--	<1.6	<1.6	<1.6	--	<1.6	--	<1.6

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)
* = Primary
** = Secondary
*** = Carcinogen
*THM = Primary MCL for the sum of all trihalomethanes
BOLD = Does not meet GWQS or MCL
J = Estimated value
-- = Not analyzed

Table C-2. Per- and Poly-fluoroalkyl Substances (PFAS) Groundwater Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	MCL	MW-1S			MW-2S				MW-3S				
			9/10/2025	12/4/2025	3/18/2026	6/17/2025	9/9/2025	12/3/2025	3/17/2026	6/18/2025	MS-13S (Dup) 6/18/2025	9/10/2025	12/3/2025	MS-13S (Dup) 3/18/2026
Perfluoroalkyl Sulfonic Acids (PFSAs)														
Perfluorobutane sulfonic acid (PFBS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	12	12	11	10	9.0
Perfluoropentane sulfonic acid (PFPeS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	3.2	2.8	2.8	2.3	1.8 J
Perfluorohexane sulfonic acid (PFHxS)	ng/L	10	<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	7.6	7.2	6.5	5.3	3.8
Perfluoroheptane sulfonic acid (PFHpS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluorooctane sulfonic acid (PFOS)	ng/L	4.0	<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	4.0	3.3	3.8	3.2	2.3
Perfluorononane sulfonic acid (PFNS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluorodecane sulfonic acid (PFDS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluorododecane sulfonic acid (PFDoS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluoroalkyl Carboxylic Acids (PFCAs)														
Perfluorobutanoic acid (PFBA)	ng/L		<2.0	<2.0	<1.8	<2.0	<2.0	<2.0	<1.8	84	78	87	61	48
Perfluoropentanoic acid (PFPeA)	ng/L		0.79 J	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	87	82	79	56	46
Perfluorohexanoic acid (PFHxA)	ng/L		0.65 J	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	62	57	54	38	31
Perfluoroheptanoic acid (PFHpA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	31	29	27	18	14
Perfluorooctanoic acid (PFOA)	ng/L	4.0	0.68 J	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	**34**	**33**	**35**	**22**	**17**
Perfluorononanoic acid (PFNA)	ng/L	10	<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	0.65 J	0.64 J	1.1 J	0.79 J	<2.0
Perfluorodecanoic acid (PFDA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluoroundecanoic acid (PFUnDA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluorododecanoic acid (PFDOA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<2.0	<2.0	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluorotridecanoic acid (PFTrDA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluorotetradecanoic acid (PFTDA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<2.0	<2.0	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluoroalkyl Sulfonamido Substances														
Perfluorooctane sulfonamide (PFOSAm)	ng/L		0.85 J	2.90	<1.8	<1.8	0.83 J	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
N-Methylperfluorooctane sulfonamide (MeFOSA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Fluorotelomer Sulfonic Acids (FTSAs)														
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Fluorotelomer Carboxylic Acids (FTCAs)														
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ng/L		<18	<19	<20	<18	<19	<20	<20	<18	<18	<18	<19	<20
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ng/L		<18	<19	<18	<18	<19	<20	<18	<18	<18	<18	<19	<20
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ng/L		<18	<19	<18	<18	<19	<20	<18	<18	<18	<18	<19	<20
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)														
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)														
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ng/L	10	<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<1.8	<1.8	<1.8	<1.9	<2.0
MCL Hazard Index for Mixtures of HFPO-DA, PFBS, PFHxS, and PFNA														
Hazard Index	unitless		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	--	0.8	0.6	--
Running Annual Average Hazard Index*	unitless	1		0.0				0.0				0.7		

Notes:

MCL = Maximum contaminant level, compliance is currently established using the MCL compared to running annual average (Chapter 246-290 WAC)

Bold = Exceeds MCL

< = Not detected

-- = Not calculated

J = Estimated value

* = Calculation based on previous four quarters

Table C-2. Per- and Poly-fluoroalkyl Substances (PFAS) Groundwater Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

			MW-4S					MW-5S			
Analyte	Units	MCL	6/18/2025	9/10/2025	MW-13S (Dup) 9/10/2025	12/3/2025	3/18/2026	6/17/2025	9/9/2025	12/2/2025	3/17/2026
Perfluoroalkyl Sulfonic Acids (PFSAs)											
Perfluorobutane sulfonic acid (PFBS)	ng/L		5.4	5.6	5.4	5	4.4	<2.1	<2.0	<1.9	<2.6
Perfluoropentane sulfonic acid (PFPeS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluorohexane sulfonic acid (PFHxS)	ng/L	10	0.69 J	0.84 J	0.71 J	0.96 J	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluoroheptane sulfonic acid (PFHpS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluorooctane sulfonic acid (PFOS)	ng/L	4.0	<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluorononane sulfonic acid (PFNS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluorodecane sulfonic acid (PFDS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluorododecane sulfonic acid (PFDoS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluoroalkyl Carboxylic Acids (PFCAs)											
Perfluorobutanoic acid (PFBA)	ng/L		39	39	39	37	29	6.0	4.9	4.5	5.5
Perfluoropentanoic acid (PFPeA)	ng/L		42	42	41	33	31	3.8	3.0	2.9	3.2
Perfluorohexanoic acid (PFHxA)	ng/L		32	29	28	25	19	2.60	1.7 J	1.7 J	1.9 J
Perfluoroheptanoic acid (PFHpA)	ng/L		17.0	14.0	14.0	13.0	8.4	<2.1	<2.0	<1.9	<2.6
Perfluorooctanoic acid (PFOA)	ng/L	4.0	**6.8**	**6.3**	**5.9**	**5.8**	**4.0**	<2.1	<2.0	<1.9	<2.6
Perfluorononanoic acid (PFNA)	ng/L	10	<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluorodecanoic acid (PFDA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluoroundecanoic acid (PFUnDA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluorododecanoic acid (PFDOA)	ng/L		<1.8	<2.1	<1.8	<2.0	<2.0	<2.1	<2.0	<1.9	<2.6
Perfluorotridecanoic acid (PFTrDA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluorotetradecanoic acid (PFTDA)	ng/L		<1.8	<2.1	<1.8	<2.0	<2.0	<2.1	<2.0	<1.9	<2.6
Perfluoroalkyl Sulfonamido Substances											
Perfluorooctane sulfonamide (PFOSAm)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	1.1 J	0.87 J	0.76 J	<2.6
N-Methylperfluorooctane sulfonamide (MeFOSA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Fluorotelomer Sulfonic Acids (FTSAs)											
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Fluorotelomer Carboxylic Acids (FTCAs)											
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ng/L		<18	<21	<18	<20	<20	<21	<20	<19	<26
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ng/L		<18	<21	<18	<20	<18	<21	<20	<19	<26
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ng/L		<18	<21	<18	<20	<18	<21	<20	<19	<26
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)											
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)											
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ng/L	10	<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ng/L		<1.8	<2.1	<1.8	<2.0	<1.8	<2.1	<2.0	<1.9	<2.6
MCL Hazard Index for Mixtures of HFPO-DA, PFBS, PFHxS, and PFNA											
Hazard Index	unitless		0.07	0.09	--	0.1	0.002	0.0	0.0	0.0	0.0
Running Annual Average Hazard Index*	unitless	1			0.066					0.0	

Notes:

MCL = Maximum contaminant level, compliance is currently established using the MCL compare

Bold = Exceeds MCL

< = Not detected

-- = Not calculated

J = Estimated value

* = Calculation based on previous four quarters

Table C-2. Per- and Poly-fluoroalkyl Substances (PFAS) Groundwater Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

			MW-6S					MW-11S	MW-11S	MW-11S
Analyte	Units	MCL	6/18/2025	9/10/2025	12/3/2025	MS-13S (Dup) 12/3/2025	3/18/2026	9/10/2025	12/2/2025	3/18/2026
Perfluoroalkyl Sulfonic Acids (PFSAs)										
Perfluorobutane sulfonic acid (PFBS)	ng/L		7.2	7.2	7.7	7.5	6.2	<1.9	<1.9	<1.8
Perfluoropentane sulfonic acid (PFPeS)	ng/L		1.2 J	1.2 J	1.3 J	1.3 J	1.0 J	<1.9	<1.9	<1.8
Perfluorohexane sulfonic acid (PFHxS)	ng/L	10	1.0 J	0.81 J	1.1 J	1.1 J	<1.8	<1.9	<1.9	<1.8
Perfluoroheptane sulfonic acid (PFHpS)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluorooctane sulfonic acid (PFOS)	ng/L	4.0	<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluorononane sulfonic acid (PFNS)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluorodecane sulfonic acid (PFDS)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluorododecane sulfonic acid (PFDoS)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluoroalkyl Carboxylic Acids (PFCAs)										
Perfluorobutanoic acid (PFBA)	ng/L		12	14	16	15	14	<2.0	<2.0	<1.8
Perfluoropentanoic acid (PFPeA)	ng/L		12	15	19	18	17	<1.9	<1.9	<1.8
Perfluorohexanoic acid (PFHxA)	ng/L		8	11	13	12	11	<1.9	<1.9	<1.8
Perfluoroheptanoic acid (PFHpA)	ng/L		0.90 J	1.3 J	1.5 J	1.5 J	1.6 J	<1.9	<1.9	<1.8
Perfluorooctanoic acid (PFOA)	ng/L	4.0	<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluorononanoic acid (PFNA)	ng/L	10	<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluorodecanoic acid (PFDA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluoroundecanoic acid (PFUnDA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluorododecanoic acid (PFDOA)	ng/L		<1.8	<1.8	<1.9	<2.0	<2.0	<1.9	<1.9	<2.0
Perfluorotridecanoic acid (PFTrDA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluorotetradecanoic acid (PFTDA)	ng/L		<1.8	<1.8	<1.9	<2.0	<2.0	<1.9	<1.9	<2.0
Perfluoroalkyl Sulfonamido Substances										
Perfluorooctane sulfonamide (PFOSAm)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	0.54 J	0.60 J	<1.8
N-Methylperfluorooctane sulfonamide (MeFOSA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Fluorotelomer Sulfonic Acids (FTSAs)										
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Fluorotelomer Carboxylic Acids (FTCAs)										
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ng/L		<18	<18	<19	<20	<20	<19	<19	<20
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ng/L		<18	<18	<19	<20	<18	<19	<19	<18
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ng/L		<18	<18	<19	<20	<18	<19	<19	<18
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)										
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)										
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ng/L	10	<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ng/L		<1.8	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.8
MCL Hazard Index for Mixtures of HFPO-DA, PFBS, PFHxS, and PFNA										
Hazard Index	unitless		0.004	0.08	0.1	--	0.003	0.0	0.0	0.0
Running Annual Average Hazard Index*	unitless	1			0.047				0.0	

Notes:

MCL = Maximum contaminant level, compliance is currently established using the MCL compare

Bold = Exceeds MCL

< = Not detected

-- = Not calculated

J = Estimated value

* = Calculation based on previous four quarters

Table C-3. First Quarter 2026 Interflow Zone Groundwater Quality Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	GWQS	MCL	MW-7D 3/17/2026	MW-8D 3/18/2026	MW-9D 3/18/2026	MW-10D 3/19/2026
Field Data							
pH		6.5-8.5		7.81	7.91	6.99	7.45
Conductivity	µmhos/cm		700 **	179	454.1	406.8	215.3
Temperature	C			14.9	14.5	14.3	13.8
Redox	mv			6.0	239.9	215.0	363.0
Dissolved Oxygen	mg/L			0.26	0.23	0.14	3.91
Turbidity	NTU			0.00	0.00	0.49	0.00
Metals							
Calcium, Dissolved	mg/L			14	34	30	18
Iron, Total	mg/L	0.30 **	0.30 **	0.053	<0.050	**0.33**	<0.050
Iron, Dissolved	mg/L		0.3 **	<0.056	<0.056	0.24	<0.056
Magnesium, Total	mg/L			11	26	19	12
Magnesium, Dissolved	mg/L			10	24	19	11
Manganese, Total	mg/L	0.05 **	0.05 **	0.031	<0.010	**0.27**	<0.010
Manganese, Dissolved	mg/L		0.05 **	0.030	<0.011	**0.29**	<0.011
Potassium, Dissolved	mg/L			2.9	3.6	2.4	2.3
Sodium, Dissolved	mg/L			10	21	21	11
Water Quality Parameters							
Alkalinity, Total	mg CaCO3/L			100	90	90	98
Ammonia (NH3) as Nitrogen (N)	mg/L			<0.053	<0.053	<0.053	<0.053
Bicarbonate	mg CaCO3/L			100	90	90	98
Chloride	mg/L	250 **	250 **	2.1	27	39	2.6
Nitrate	mg/L-N	10 *	10 *	<0.200	1.26	<0.200	2.00
Sulfate	mg/L	250 **	250 **	<5.0	94	62	11
Total Dissolved Solids	mg/L	500 **	500 **	160	330	270	180
Total Organic Carbon	mg/L			<1.0	<1.0	3.8	<1.0
Volatile Organic Compounds							
Chloromethane	µg/L			--	--	--	--
Vinyl Chloride	µg/L	0.02 ***	2 *	--	--	--	--
Bromomethane	µg/L			--	--	--	--
Chloroethane	µg/L			--	--	--	--
CFC-11, Trichlorofluoromethane	µg/L			--	--	--	--
1,1-Dichloroethene	µg/L		7 *	--	--	--	--
Acetone	µg/L			--	--	--	--
Methyl Iodide	µg/L			--	--	--	--
Carbon Disulfide	µg/L			--	--	--	--
Methylene Chloride	µg/L	5 ***	5 *	--	--	--	--
Acrylonitrile	µg/L	0.07 ***		--	--	--	--
Trans-1,2-Dichloroethene	µg/L		100 *	--	--	--	--
1,1-Dichloroethane	µg/L	1 ***		--	--	--	--
Vinyl Acetate	µg/L			--	--	--	--
cis-1,2-Dichloroethene	µg/L		70 *	--	--	--	--
2-Butanone	µg/L			--	--	--	--
Bromochloromethane	µg/L			--	--	--	--
Chloroform	µg/L	7 ***	80 * THM	--	--	--	--
1,1,1-Trichloroethane	µg/L	200 *	200 *	--	--	--	--
Carbon Tetrachloride	µg/L	0.3 ***	5 *	--	--	--	--
Benzene	µg/L	1 ***	5 *	--	--	--	--
1,2-Dichloroethane	µg/L	0.5 ***	5 *	--	--	--	--
Trichloroethene	µg/L	3 ***	5 *	--	--	--	--
1,2-Dichloropropane	µg/L	0.6 ***	5 *	--	--	--	--
Dibromomethane	µg/L			--	--	--	--
Dichlorobromomethane	µg/L	0.3 ***	80 * THM	--	--	--	--
cis-1,3-Dichloropropene	µg/L			--	--	--	--
4-methyl-2-pentanone	µg/L			--	--	--	--
Toluene	µg/L		1000 *	--	--	--	--
Trans-1,3-Dichloropropene	µg/L			--	--	--	--
1,1,2-Trichloroethane	µg/L		5 *	--	--	--	--
Tetrachloroethene	µg/L	0.8 ***	5 *	--	--	--	--
2-Hexanone	µg/L			--	--	--	--
Dibromochloromethane	µg/L		80 * THM	--	--	--	--
1,2-Dibromoethane (EDB)	µg/L	0.001 ***	0.05 *	--	--	--	--
Chlorobenzene	µg/L		100 *	--	--	--	--
1,1,1,2-Tetrachloroethane	µg/L			--	--	--	--
Ethylbenzene	µg/L		700 *	--	--	--	--
m, p-Xylene	µg/L			--	--	--	--
o-Xylene	µg/L			--	--	--	--
Styrene	µg/L		100 *	--	--	--	--
Bromoform	µg/L	5 ***	80 * THM	--	--	--	--
1,1,2,2-Tetrachloroethane	µg/L			--	--	--	--
1,2,3-Trichloropropane	µg/L			--	--	--	--
trans-1,4-Dichloro-2-butene	µg/L			--	--	--	--
1,4-Dichlorobenzene	µg/L	4 ***	75 *	--	--	--	--
1,2-Dichlorobenzene	µg/L		600 *	--	--	--	--
1,2-Dibromo-3-chloropropane	µg/L		0.2 *	--	--	--	--
Naphthalene	µg/L	MTCA Method A:	160	--	--	--	--

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)
* = Primary
** = Secondary
*** = Carcinogen
*THM = Primary MCL for the sum of all trihalomethanes
= Does not meet GWQS, MCL, or MTCA
-- = Not analyzed

Table C-4. Groundwater Samples that Failed to Meet Applicable Groundwater Standards, First Quarter 2026

Analyte	Type of Standard		MW-1S	MW-2S	MW-3S	MW-4S	MW-5S	MW-6S	MW-11S	MW-7D	MW-8D	MW-9D	MW-10D
	GWQS	MCL											
Conductivity	--	Secondary	--	--	--	x	--	--	--	--	--	--	--
Iron, Total	Secondary	Secondary	x	--	--	--	--	--	--	--	--	x	--
Manganese, Dissolved	--	Secondary	--	--	--	--	--	--	--	--	--	x	--
Manganese, Total	Secondary	Secondary	x	--	--	--	--	--	--	--	--	x	--
Nitrate	Primary	Primary	--	--	x	x	--	x	--	--	--	--	--
Total Dissolved Solids	Secondary	Secondary	--	--	--	x	--	--	--	--	--	--	--
PFOA	--	Primary	--	--	x	x	--	--	--	--	--	--	--

Notes:

First quarter samples were collected on March 17 through 19, 2026.

-- = Not applicable

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

MCL = State Maximum Contaminant Levels (WAC 246-290)

PFOA = Perfluorooctanoic acid

Table C-5. First Quarter 2026 Leachate Groundwater Quality Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	Leachate Pond 3/19/2026	Trip Blank 3/17/2026
Field Data			
pH		--	--
Conductivity	µmhos/cm	--	--
Temperature	C	--	--
Redox	mv	--	--
Dissolved Oxygen	mg/L	--	--
Turbidity	NTU	--	--
Metals			
Calcium, Total	mg/L	--	--
Iron, Total	mg/L	0.28	--
Magnesium, Total	mg/L	100	--
Manganese, Total	mg/L	0.10	--
Potassium, Total	mg/L	--	--
Sodium, Total	mg/L	--	--
Water Quality Parameters			
Alkalinity, Total	mg CaCO3/L	250	--
Ammonia (NH3) as Nitrogen (N)	mg/L	0.061	--
Bicarbonate	mg CaCO3/L	230	--
Chloride	mg/L	93	--
Nitrate	mg/L-N	<2.00	--
Sulfate	mg/L	390	--
Total Dissolved Solids	mg/L	1200	--
Total Organic Carbon	mg/L	47	--
Volatile Organic Compounds			
Chloromethane	µg/L	<1.0	<1.0
Vinyl Chloride	µg/L	<0.020	<0.020
Bromomethane	µg/L	<1.0	<1.0
Chloroethane	µg/L	<1.0	<1.0
CFC-11, Trichlorofluoromethane	µg/L	<0.20	<0.20
1,1-Dichloroethene	µg/L	<0.20	<0.20
Acetone	µg/L	6.7	<5.0
Methyl Iodide	µg/L	<2.0	<2.0
Carbon Disulfide	µg/L	<0.20	<0.20
Methylene Chloride	µg/L	<1.0	<1.0
Acrylonitrile	µg/L	<0.50	<0.50
Trans-1,2-Dichloroethene	µg/L	<0.20	<0.20
1,1-Dichloroethane	µg/L	<0.20	<0.20
Vinyl Acetate	µg/L	<1.3	<1.3
cis-1,2-Dichloroethene	µg/L	<0.20	<0.20
2-Butanone	µg/L	<5.0	<5.0
Bromochloromethane	µg/L	<0.20	<0.20
Chloroform	µg/L	<0.20	<0.20
1,1,1-Trichloroethane	µg/L	<0.20	<0.20
Carbon Tetrachloride	µg/L	<0.20	<0.20
Benzene	µg/L	<0.20	<0.20
1,2-Dichloroethane	µg/L	<0.20	<0.20
Trichloroethene	µg/L	<0.20	<0.20
1,2-Dichloropropane	µg/L	<0.20	<0.20
Dibromomethane	µg/L	<0.20	<0.20
Dichlorobromomethane	µg/L	<0.20	<0.20
cis-1,3-Dichloropropene	µg/L	<0.20	<0.20
4-methyl-2-pentanone	µg/L	<2.0	<2.0
Toluene	µg/L	<1.0	<1.0
Trans-1,3-Dichloropropene	µg/L	<0.20	<0.20
1,1,2-Trichloroethane	µg/L	<0.20	<0.20
Tetrachloroethene	µg/L	<0.20	<0.20
2-Hexanone	µg/L	<2.0	<2.0
Dibromochloromethane	µg/L	<0.20	<0.20
1,2-Dibromoethane (EDB)	µg/L	<0.020	<0.020
Chlorobenzene	µg/L	<0.20	<0.20
1,1,1,2-Tetrachloroethane	µg/L	<0.20	<0.20
Ethylbenzene	µg/L	<0.20	<0.20
m, p-Xylene	µg/L	<0.40	<0.40
o-Xylene	µg/L	<0.20	<0.20
Styrene	µg/L	<0.20	<0.20
Bromoform	µg/L	<1.0	<1.0
1,1,2,2-Tetrachloroethane	µg/L	<0.20	<0.20
1,2,3-Trichloropropane	µg/L	<0.20	<0.20
trans-1,4-Dichloro-2-butene	µg/L	<0.50	<0.50
1,4-Dichlorobenzene	µg/L	<0.20	<0.20
1,2-Dichlorobenzene	µg/L	<0.20	<0.20
1,2-Dibromo-3-chloropropane	µg/L	<1.0	<1.0
Naphthalene	µg/L	<1.6	<1.6

Notes:

= Does not meet GWQS, MCL, or MTCA

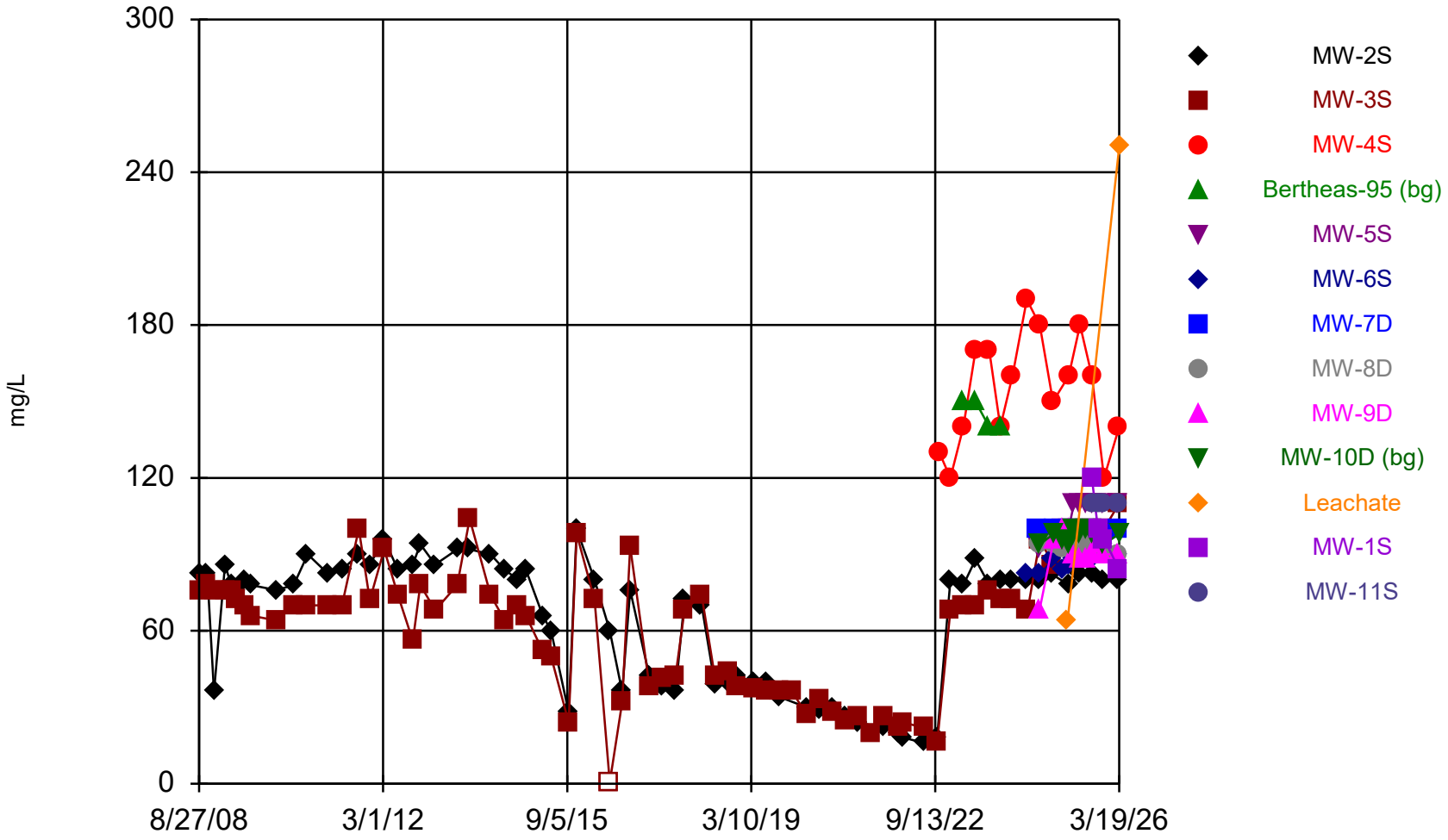
-- = Not analyzed

Appendix D

Time-Series Plots

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

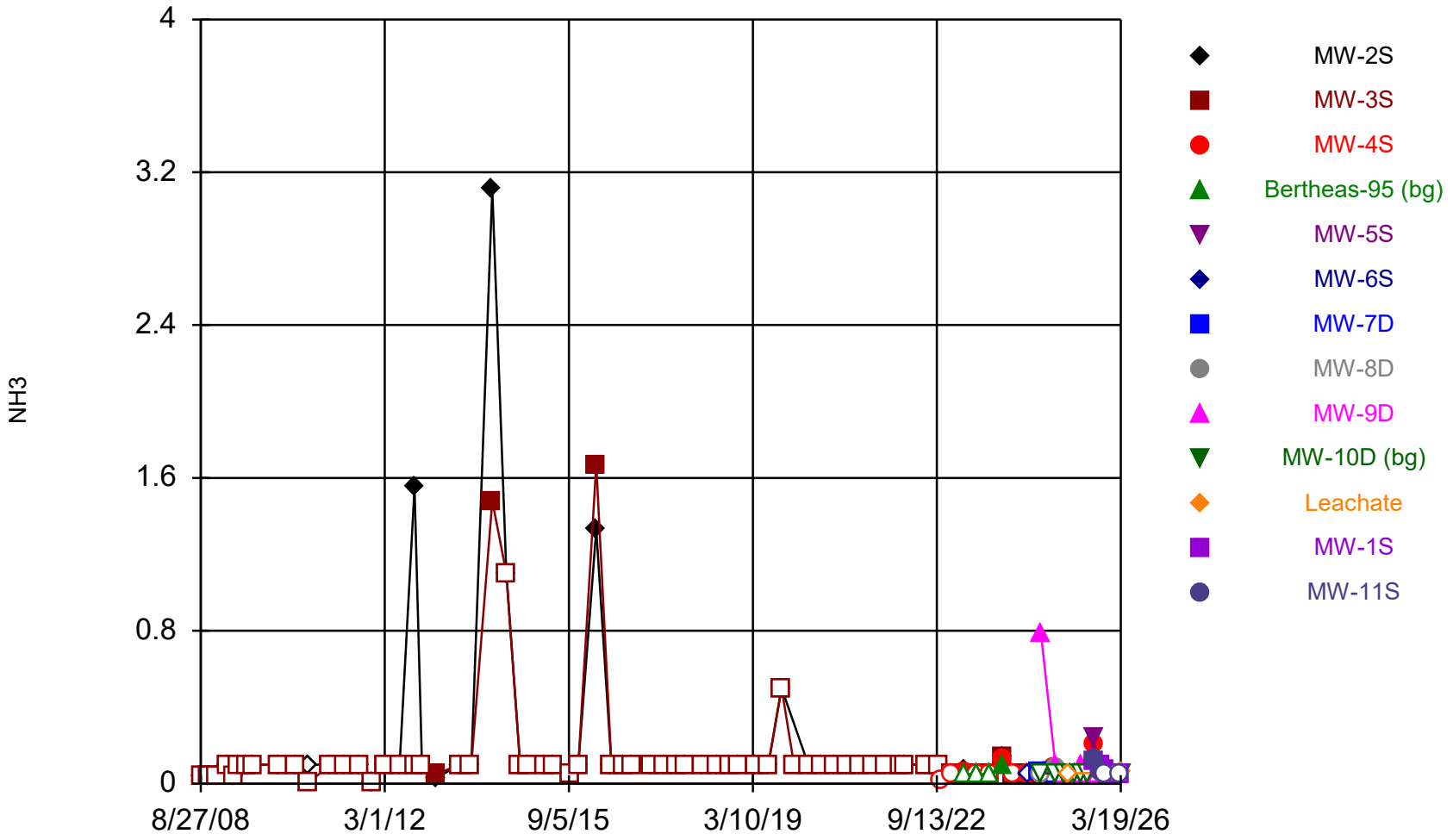


Constituent: Alkalinity, Total Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

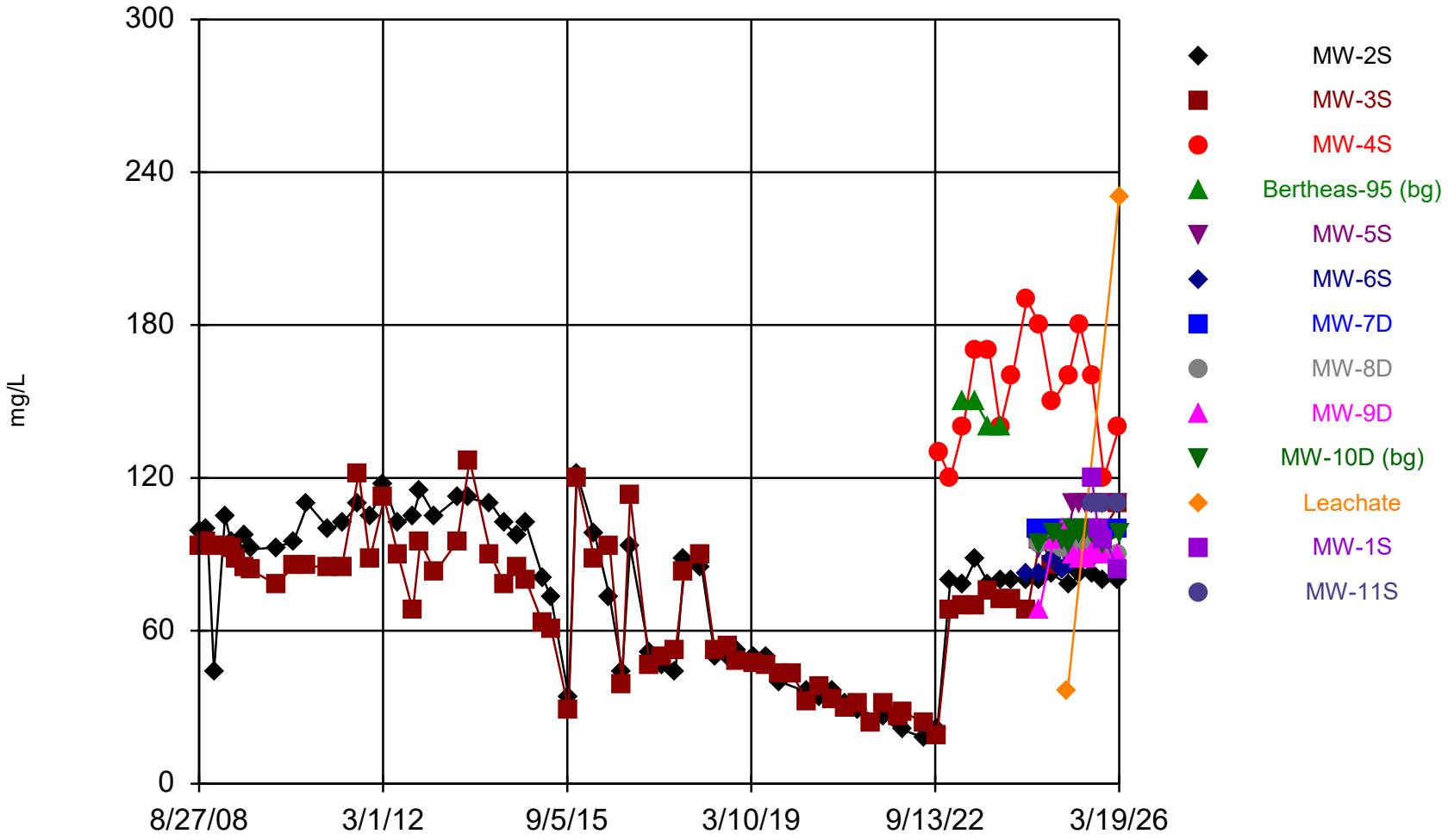


Constituent: Ammonia Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Time Series

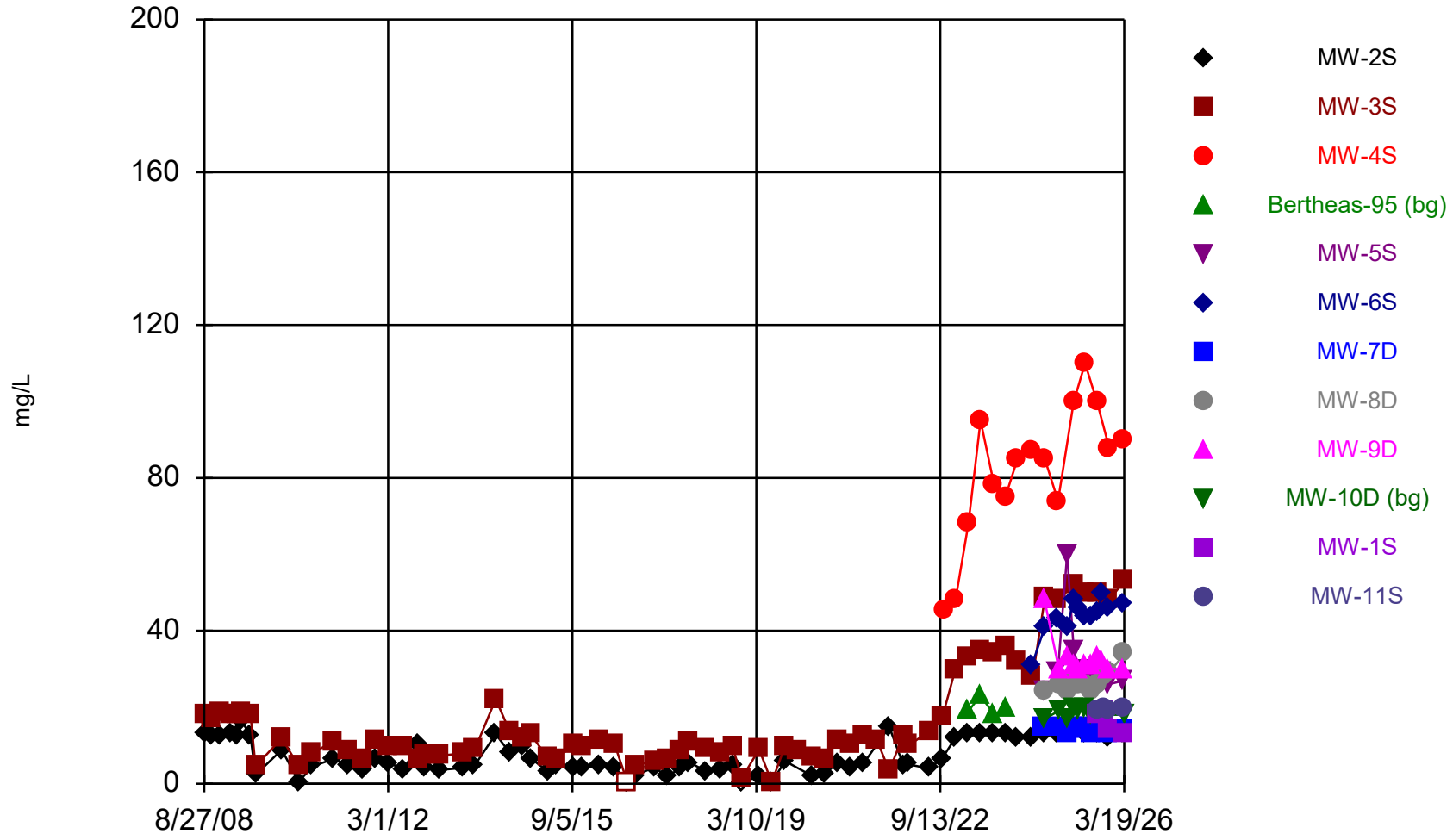


Constituent: Bicarbonate Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

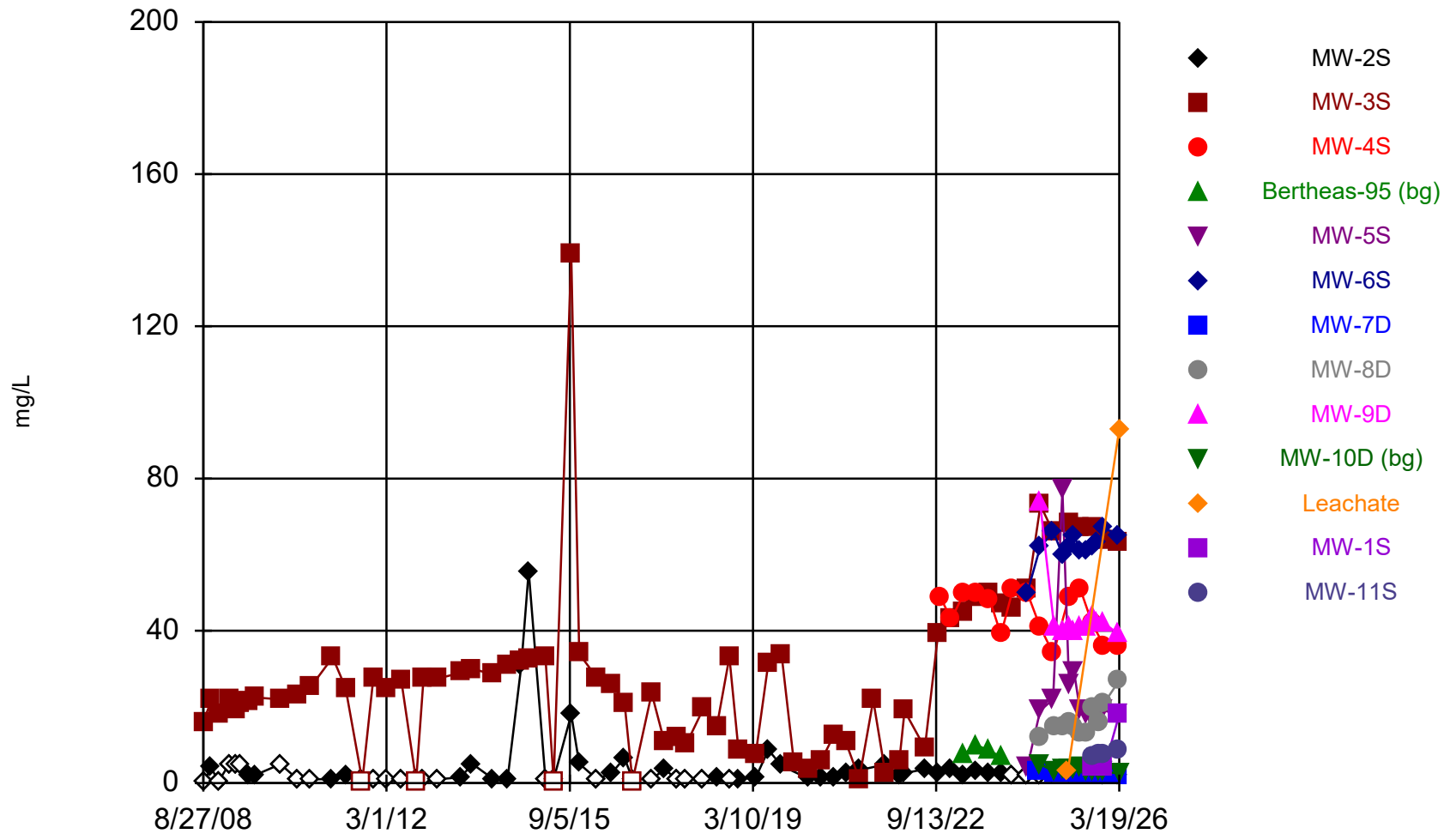


Constituent: Calcium, Dissolved Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

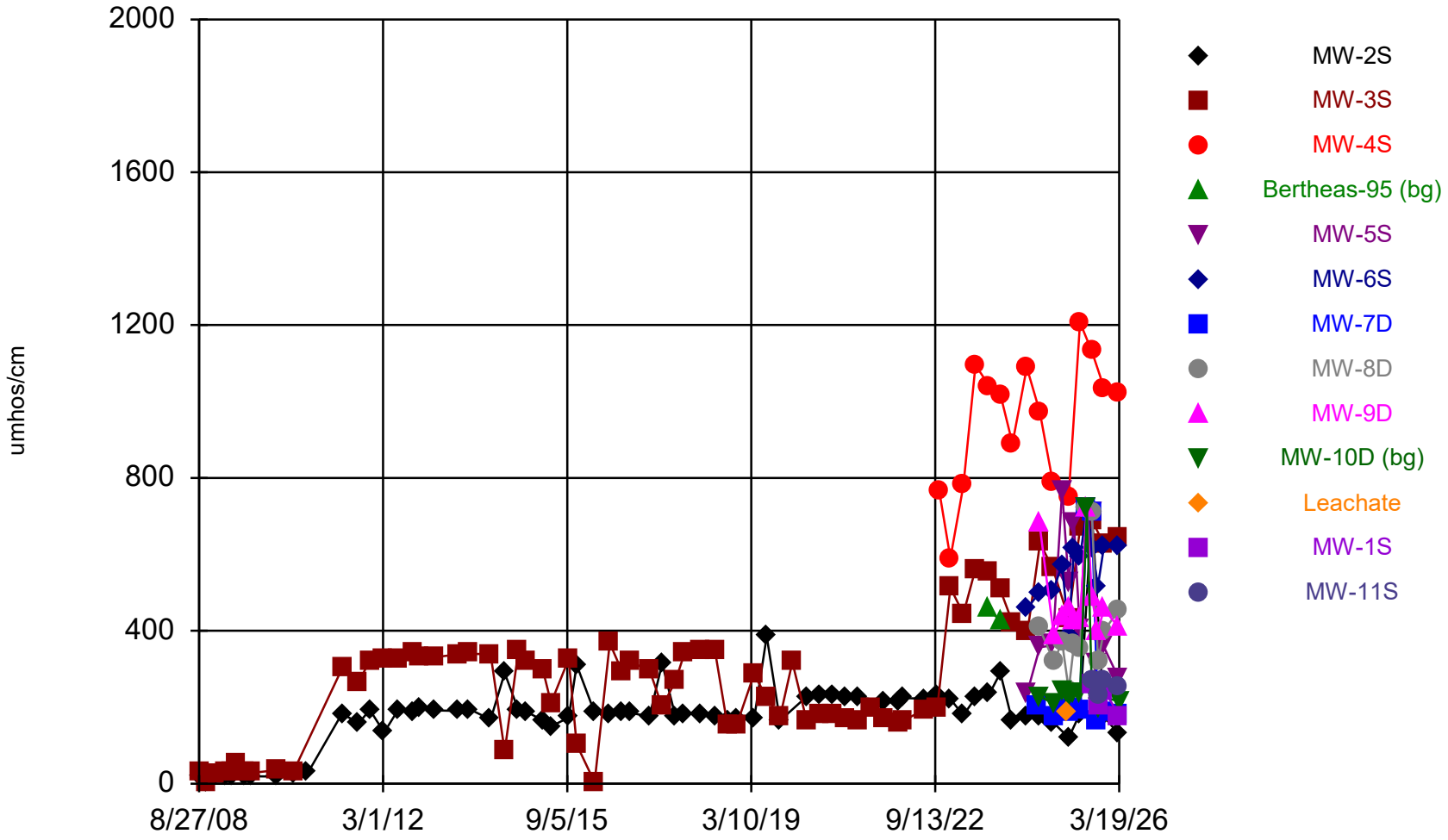


Constituent: Chloride Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Time Series

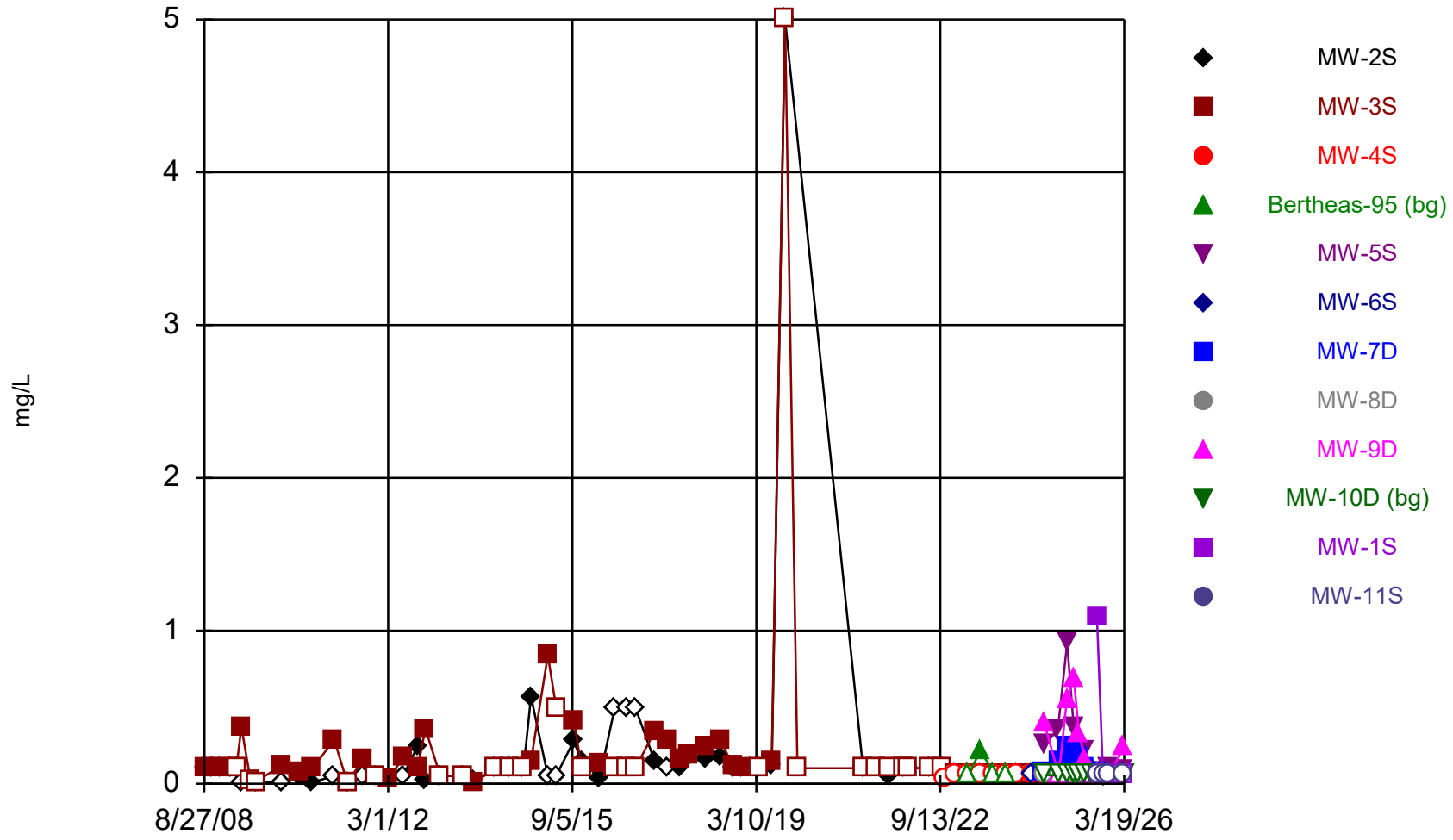


Constituent: Conductivity Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

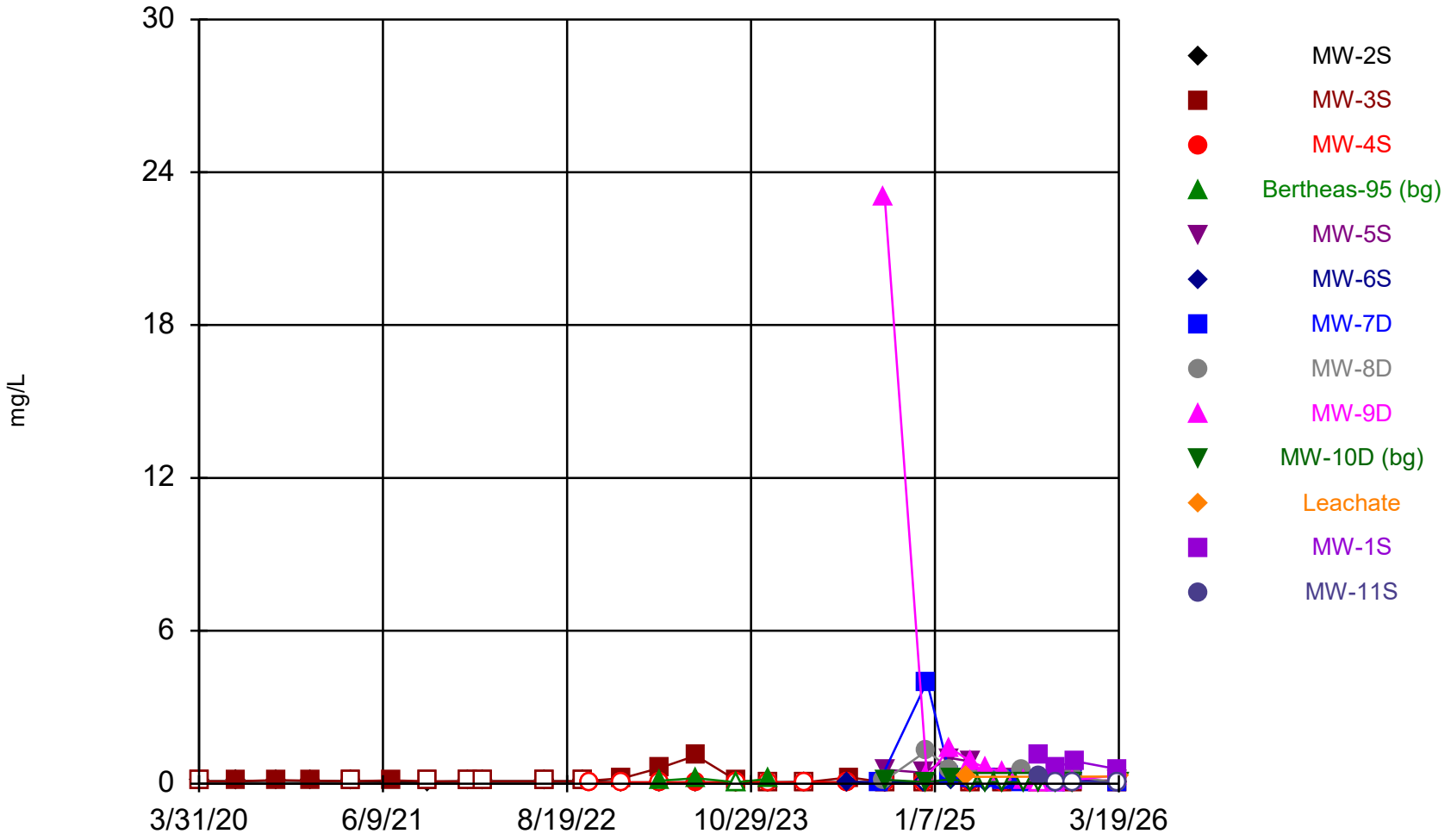


Constituent: Iron, Dissolved Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

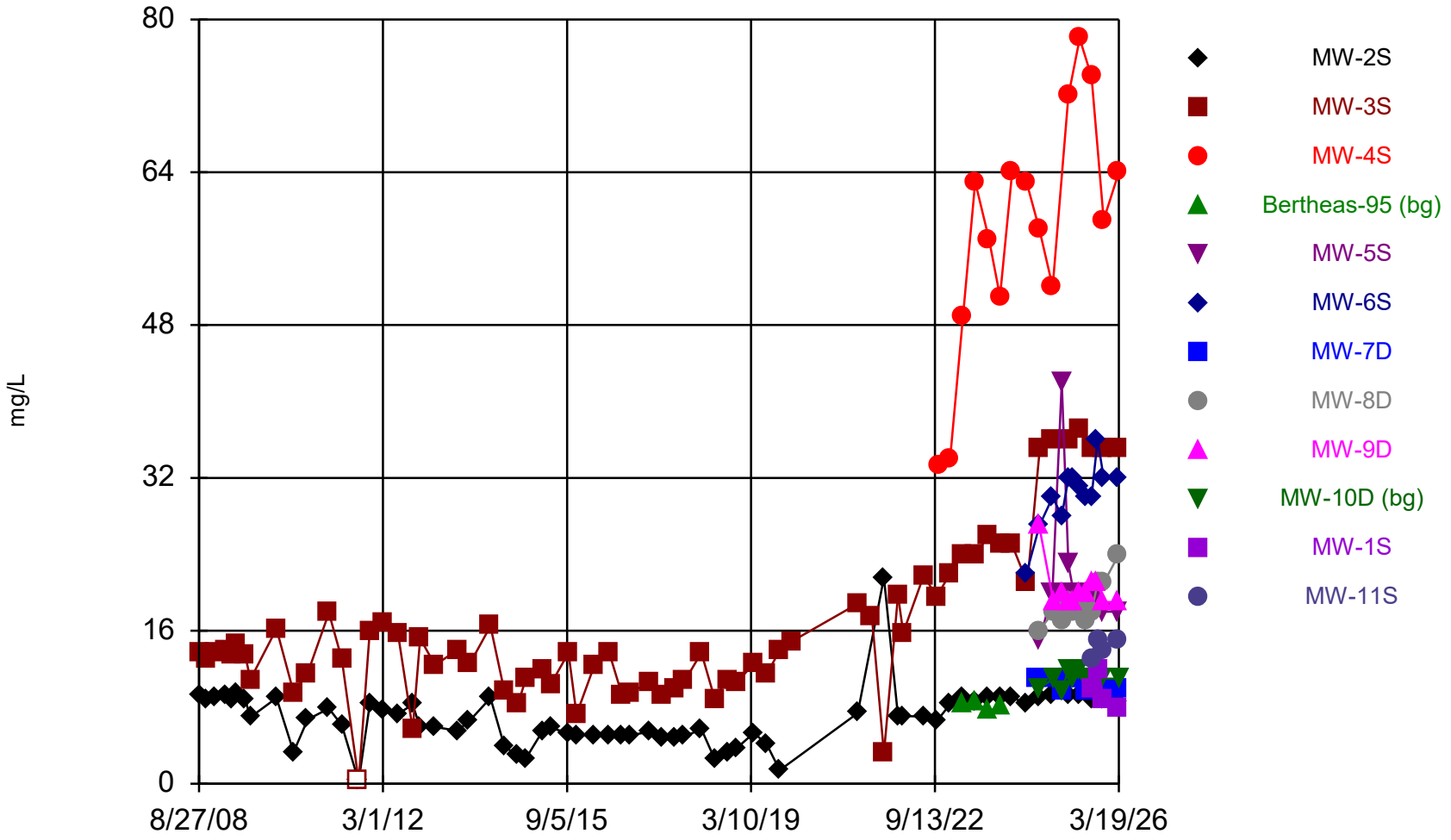


Constituent: Iron, Total Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Magnesium, Dissolved Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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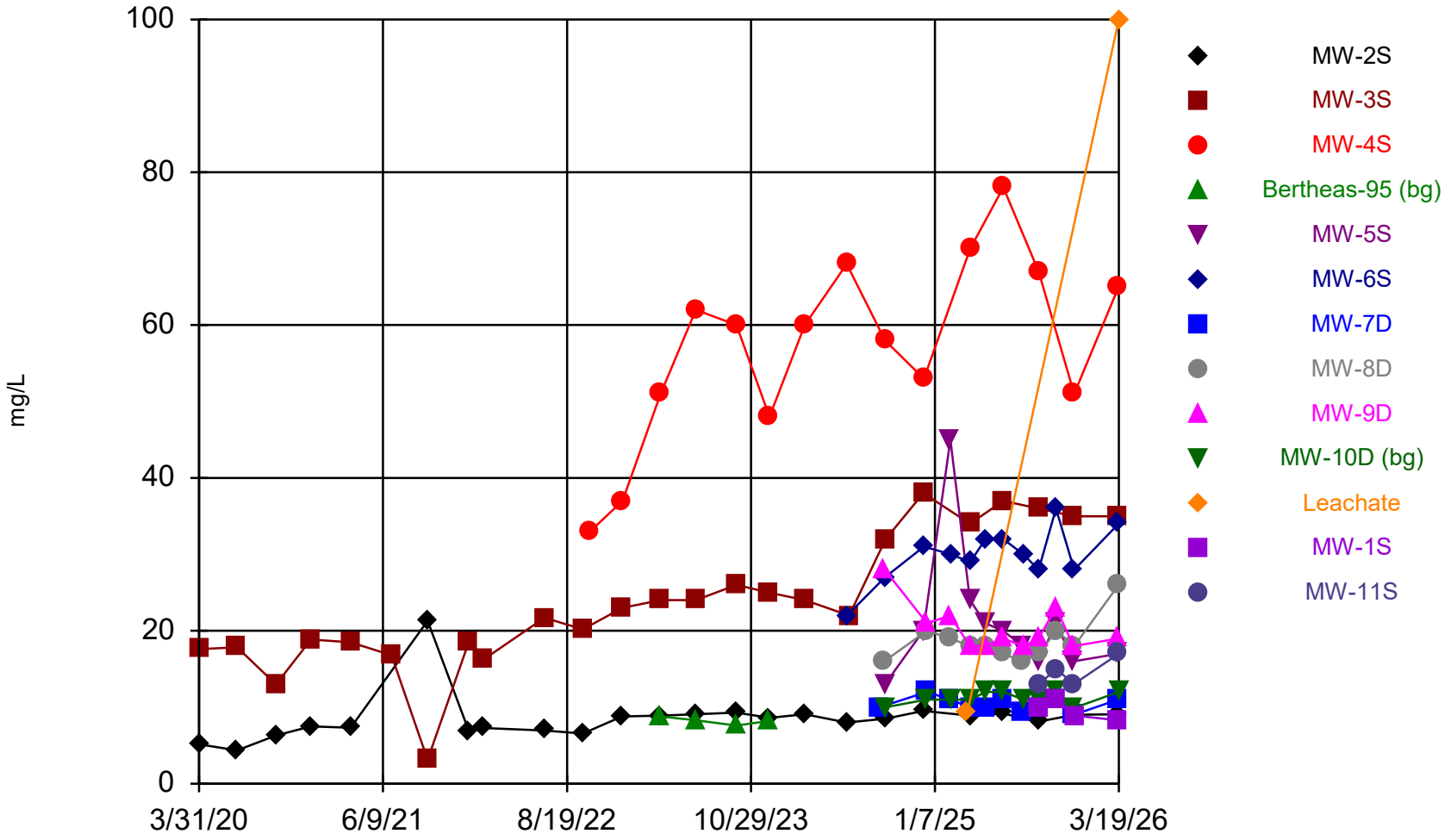
Time Series



Constituent: Magnesium, Total Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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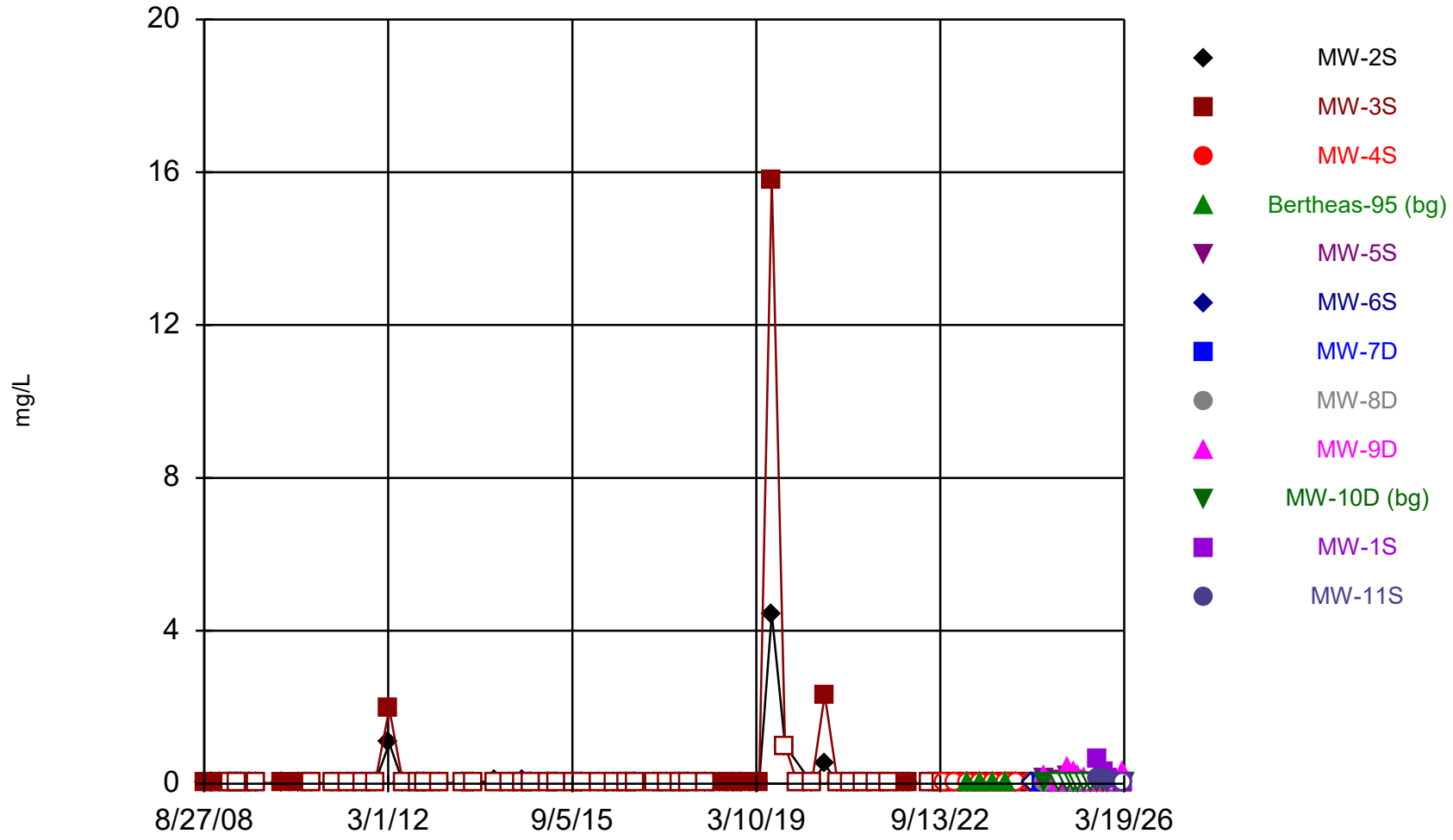
Hollow symbols indicate censored values.

Time Series

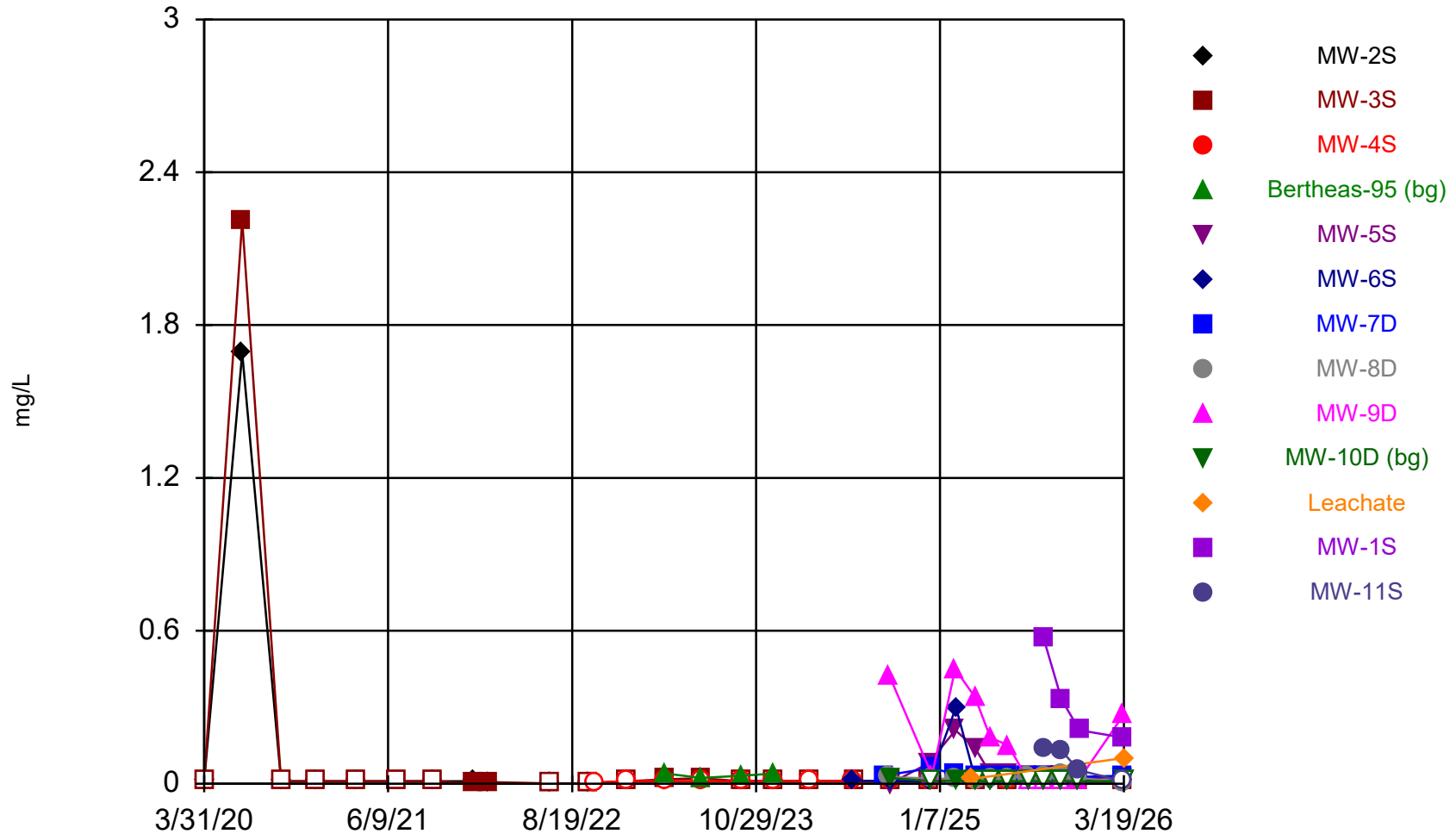


Constituent: Manganese, Dissolved Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

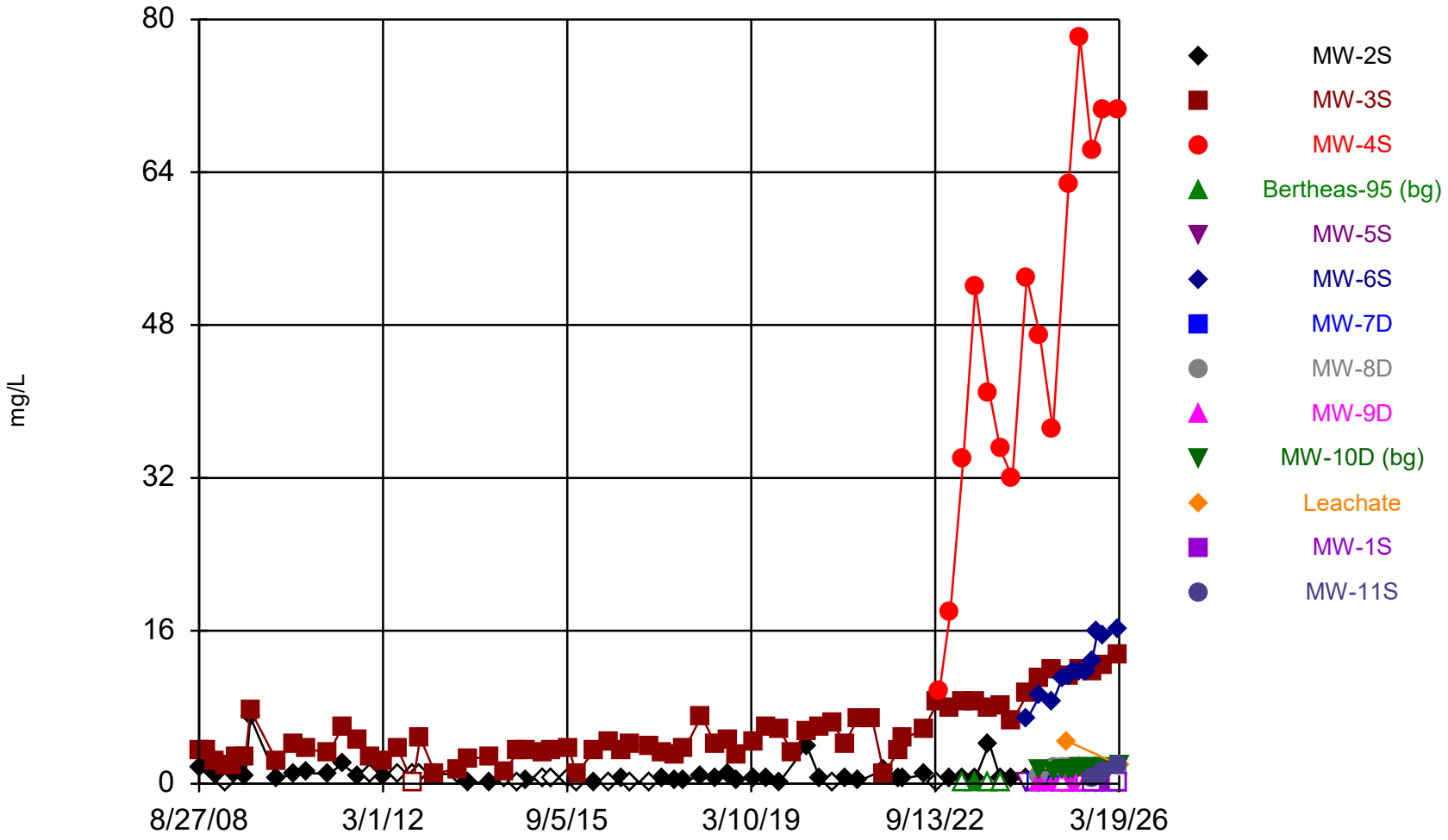


Constituent: Manganese, Total Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Nitrate Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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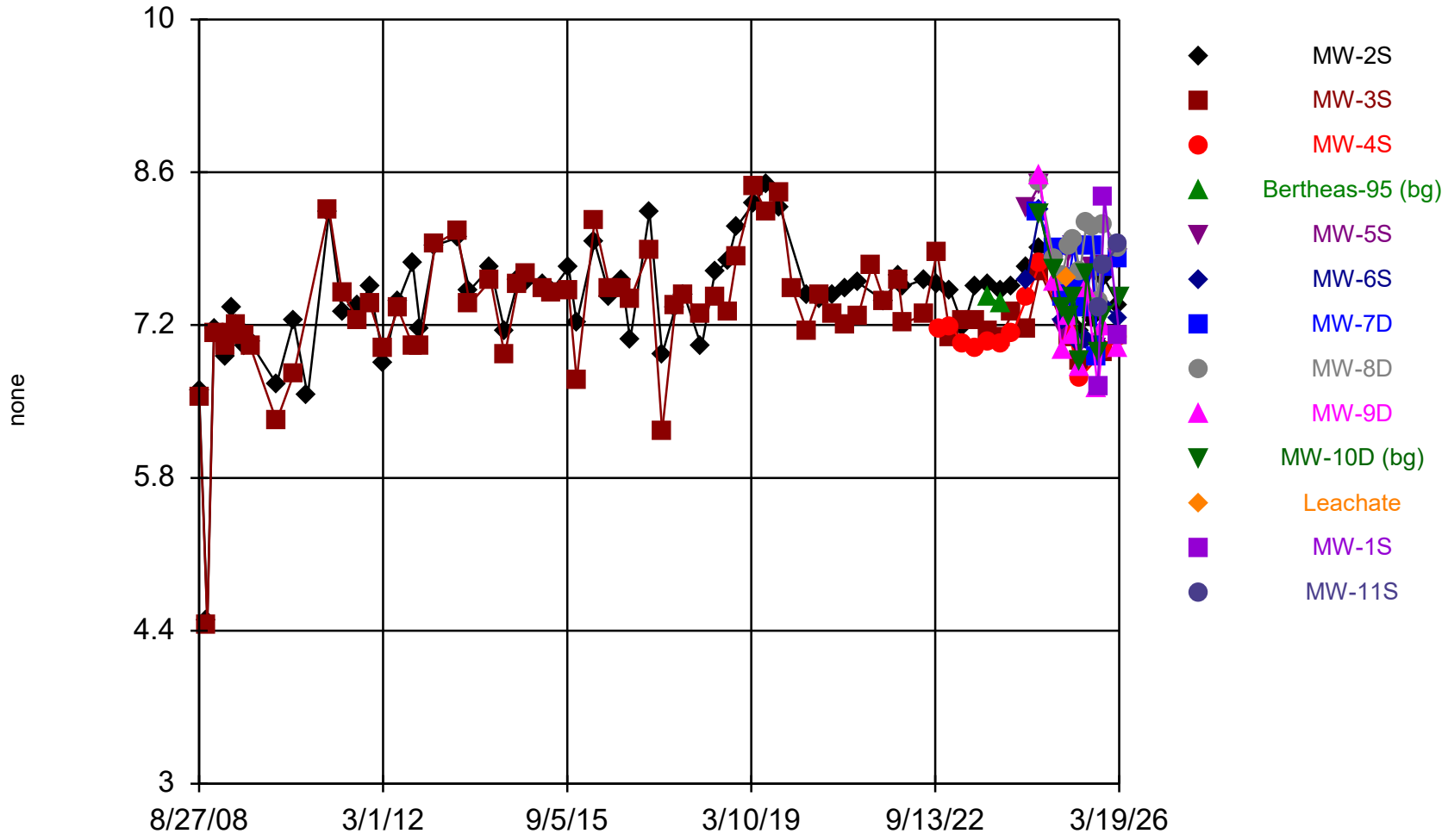
Time Series

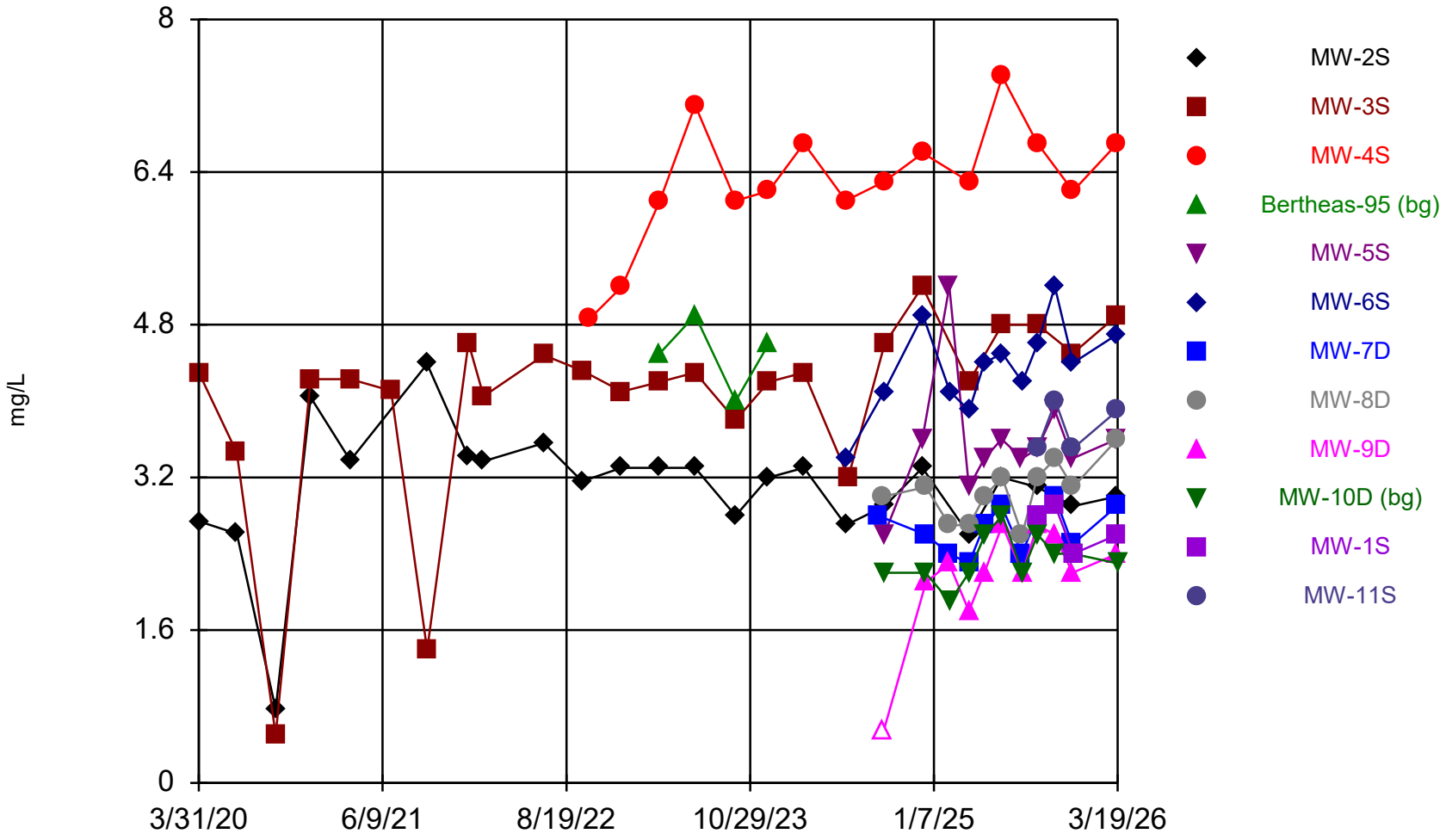


Constituent: pH Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

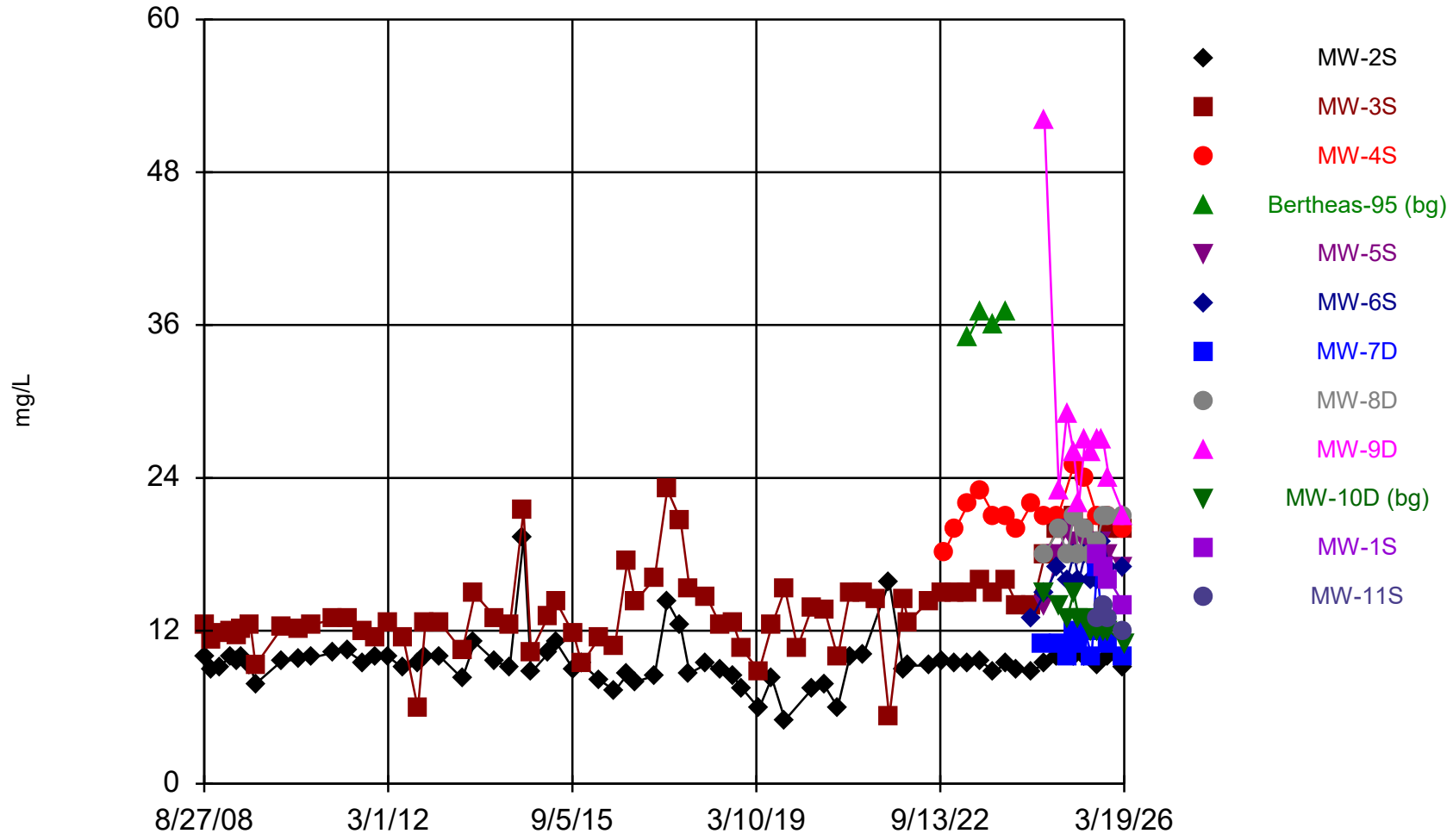


Constituent: Potassium, Dissolved Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Time Series

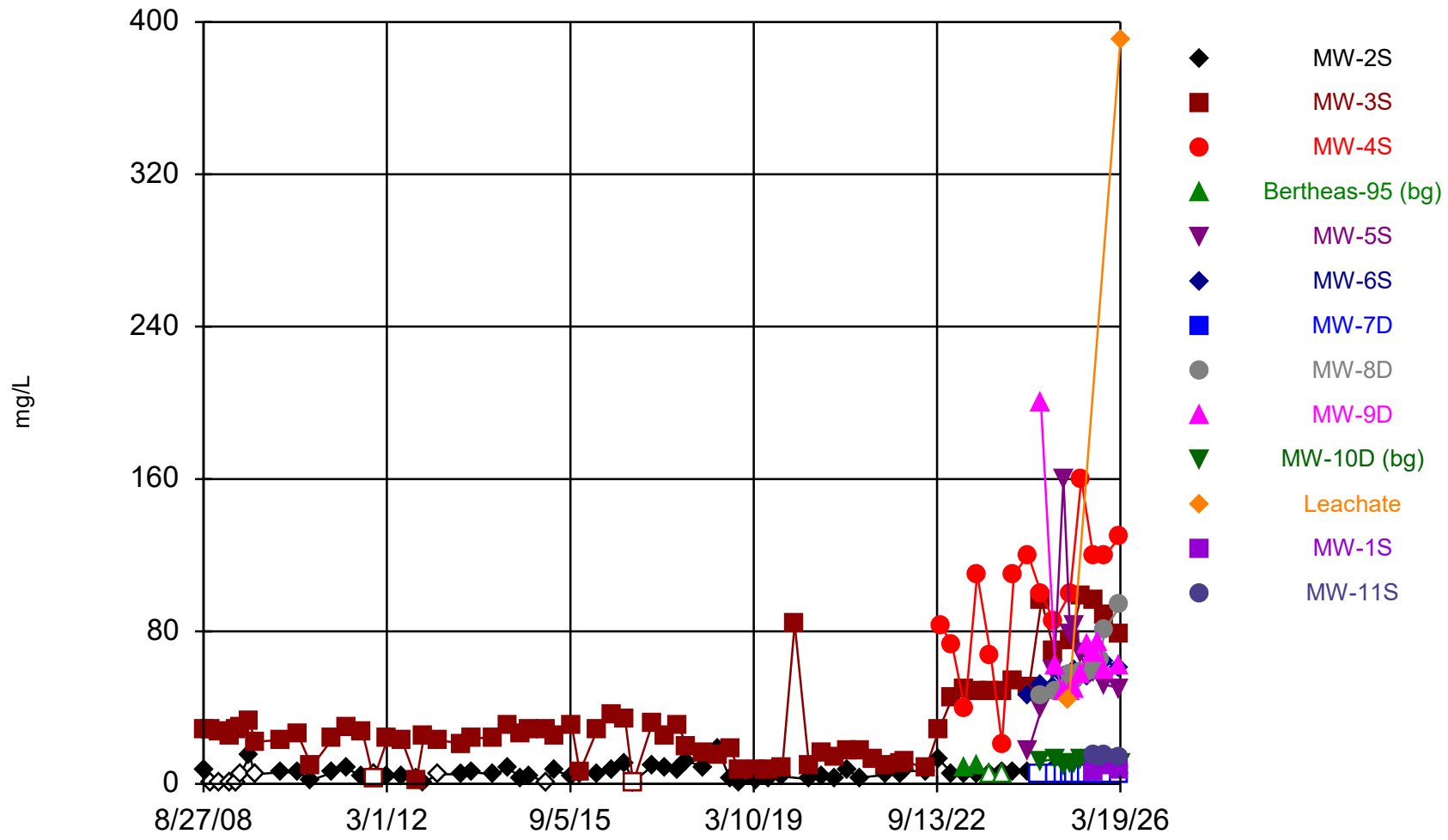


Constituent: Sodium, Dissolved Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

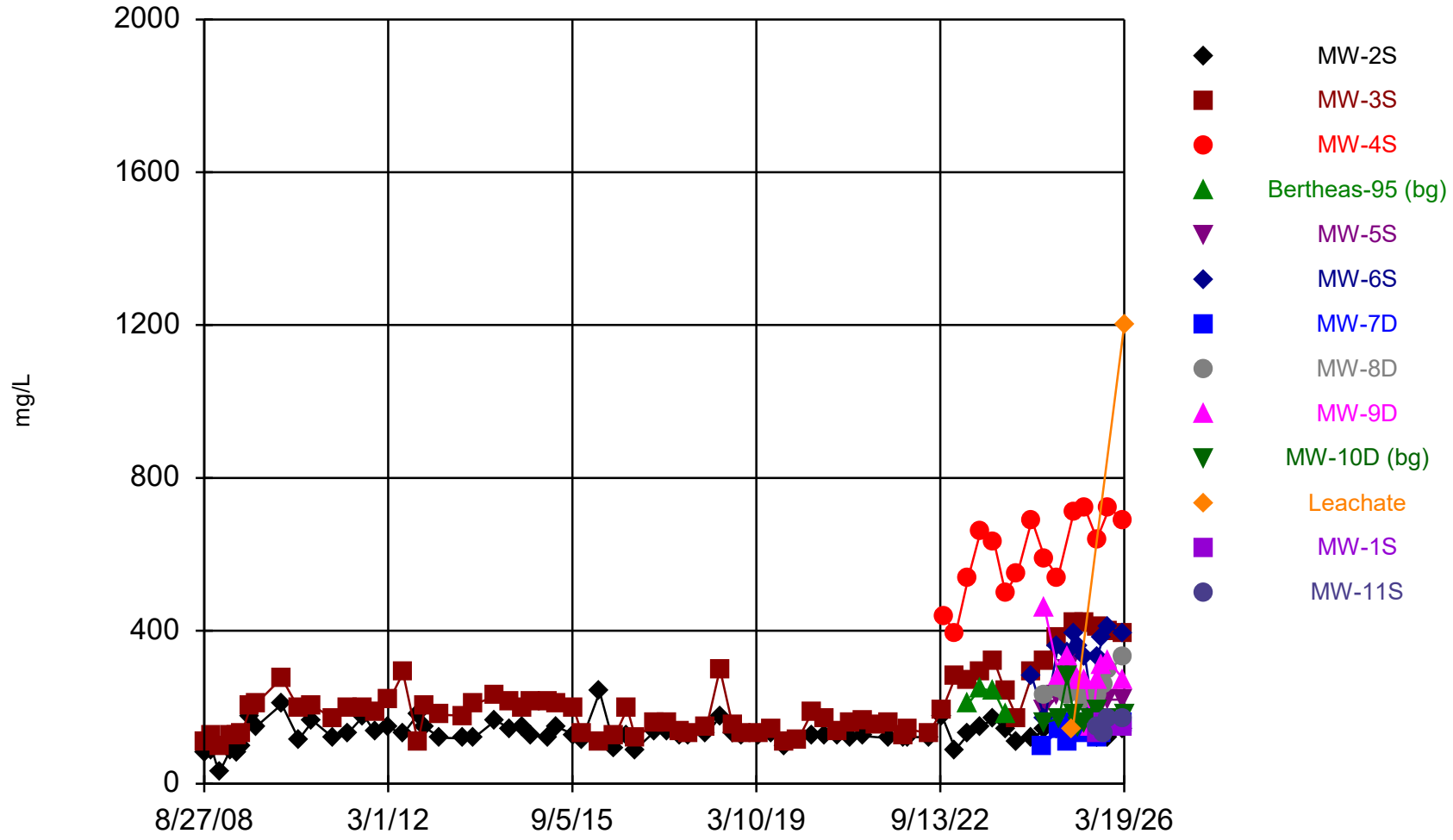


Constituent: Sulfate Analysis Run 6/17/2026 9:29 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Time Series

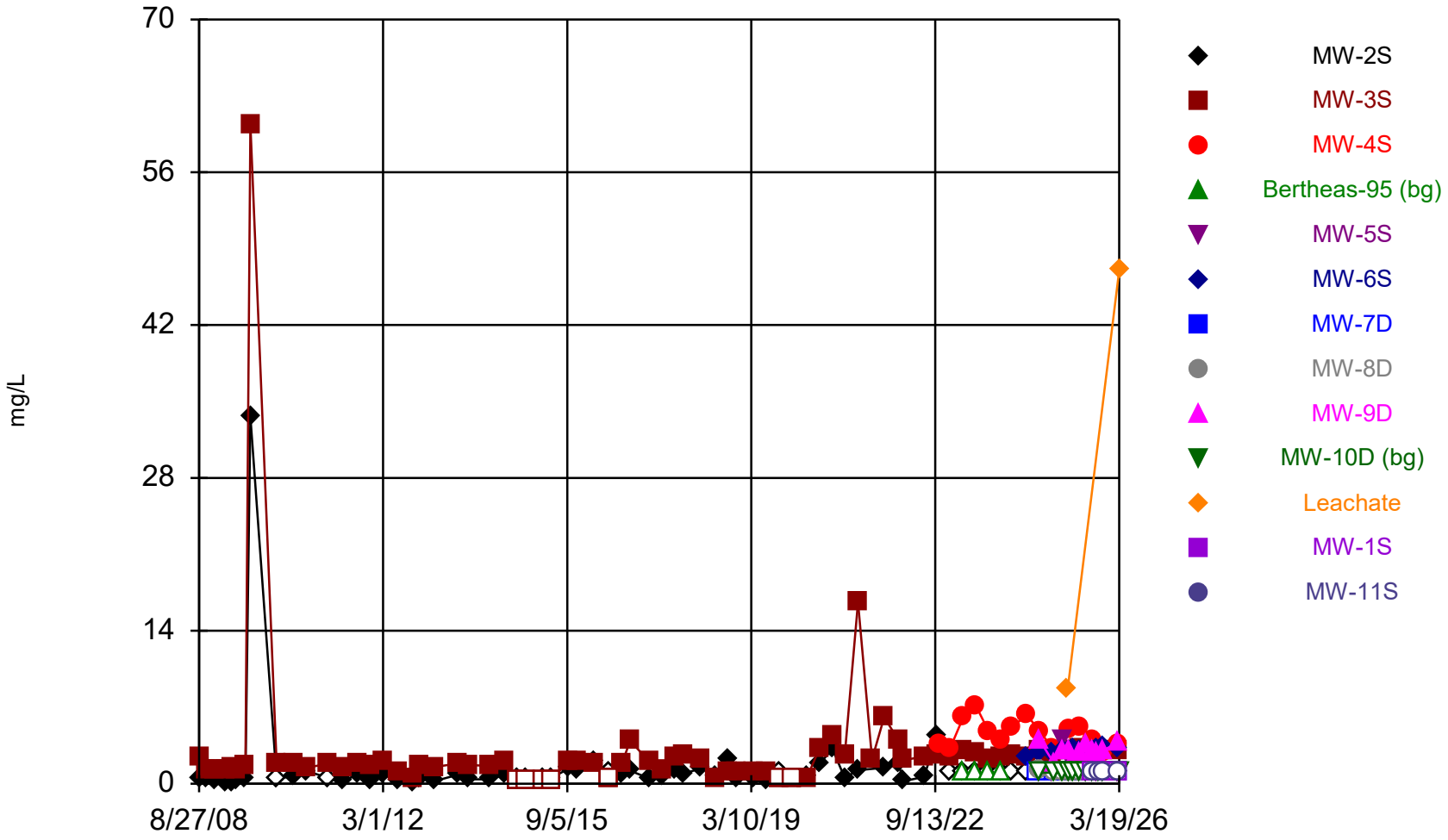


Constituent: TDS Analysis Run 6/18/2026 12:48 PM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

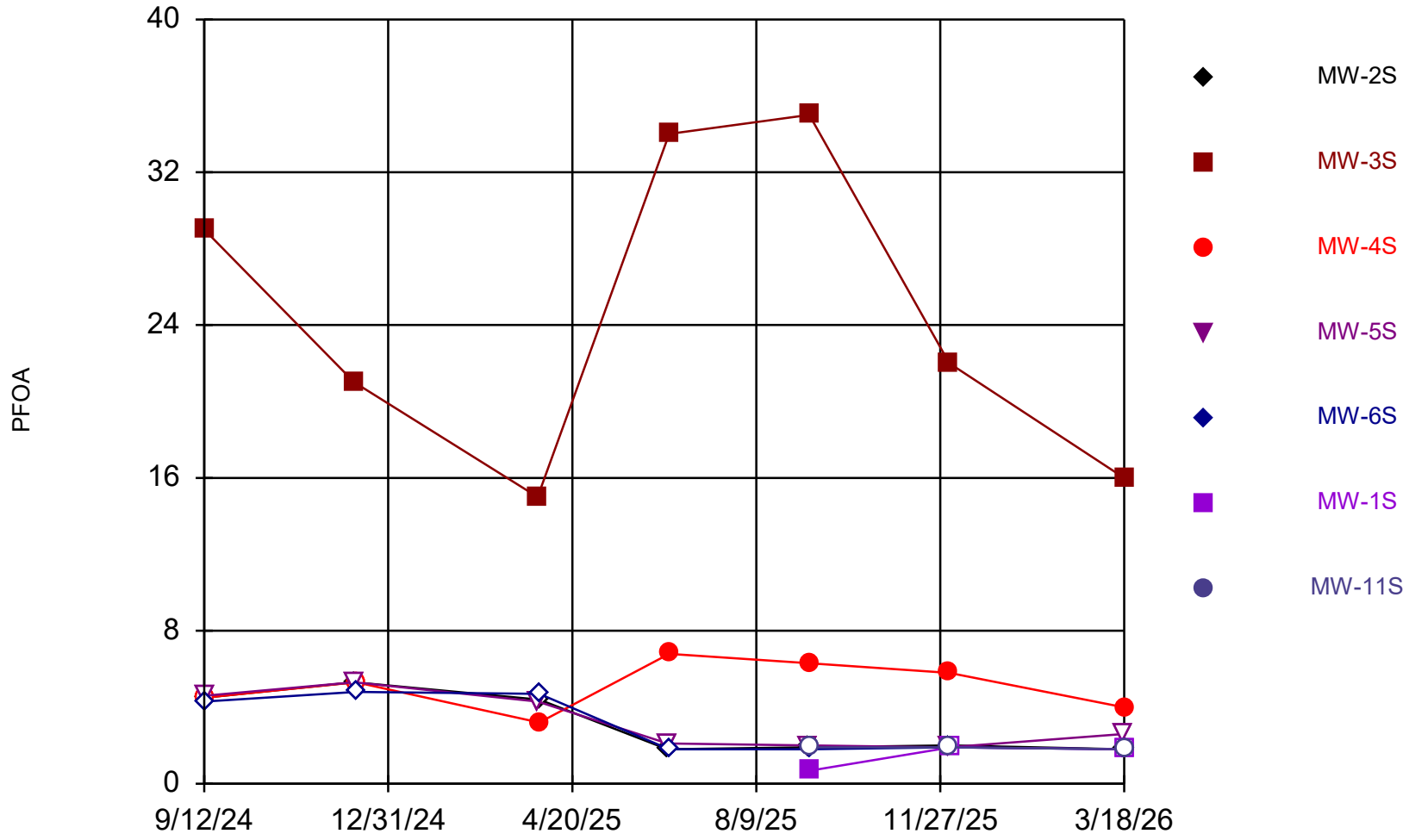


Constituent: Total Organic Carbon Analysis Run 6/17/2026 9:30 AM View: TSPs

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Perfluorooctanoic acid Analysis Run 6/19/2026 10:11 AM 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, First Quarter 2026

	Conversion Factor[1] (mg/L to meq/L)	MW-1S			MW-2S			MW-3S			MW-4S			MW-5S			MW-6S			MW-11S		
		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)	Value (mg/L)	Value (meq/L)	Percent of Total (meq/L)
CATIONS																						
Na	0.0435	14	0.61	30.82	9.1	0.40	21.63	20	0.87	13.34	20	0.87	8.06	17	0.74	20.18	17	0.74	12.66	12	0.52	18.28
Ca	0.0499	13	0.65	32.83	13	0.65	35.44	53	2.64	40.55	90	4.49	41.58	27	1.35	36.77	47	2.35	40.16	20	1.00	34.95
Mg	0.08229	7.9	0.65	32.90	8.6	0.71	38.67	35	2.88	44.16	64	5.27	48.76	18	1.48	40.42	32	2.63	45.09	15	1.23	43.23
Fe(+2)	0.03581	0.028	0.00	0.05	0.028	0.00	0.05	0.028	0.00	0.02	0.028	0.00	0.01	0.097	0.00	0.09	0.028	0.00	0.02	0.028	0.00	0.04
K	0.02558	2.6	0.07	3.37	3.0	0.08	4.19	4.9	0.13	1.92	6.7	0.17	1.59	3.6	0.09	2.51	4.7	0.12	2.06	3.9	0.10	3.49
Mn	0.0364	0.019	0.00	0.04	0.0055	0.00	0.01	0.0055	0.00	0.00	0.0055	0.00	0.00	0.022	0.00	0.02	0.0055	0.00	0.00	0.0055	0.00	0.01
		TOTAL	1.98	100.00	TOTAL	1.83	100.00	TOTAL	6.52	100.00	TOTAL	10.80	100.00	TOTAL	3.66	100.00	TOTAL	5.84	100.00	TOTAL	2.86	100.00
ANIONS																						
HCO_3[2]	0.02	84	1.68	71.39	80	1.60	90.92	110	2.20	33.51	140	2.80	24.23	110	2.20	58.57	90	1.80	29.70	110	2.20	76.80
SO_4	0.02082	7.6	0.16	6.72	2.5	0.05	2.96	78	1.62	24.74	130	2.71	23.42	50	1.04	27.72	61	1.27	20.96	14	0.29	10.17
Cl	0.02821	18	0.51	21.58	2.1	0.06	3.37	63	1.78	27.07	36	1.02	8.79	18	0.51	13.52	65	1.83	30.26	8.6	0.24	8.47
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	0	0.00	0.00
NO_3[3]	0.0714	0.1	0.01	0.30	0.678	0.05	2.75	13.5	0.96	14.68	70.5	5.03	43.56	0.1	0.01	0.19	16.2	1.16	19.09	1.83	0.13	4.56
		TOTAL	2.35	100.00	TOTAL	1.76	100.00	TOTAL	6.57	100.00	TOTAL	11.56	100.00	TOTAL	3.76	100.00	TOTAL	6.06	100.00	TOTAL	2.86	100.00
anion + cation Sum (meq/L)			4.33			3.59			13.09			22.36			7.42			11.90			5.72	
(meq/L cations-anions)/(meq/L cations+anions)*100				-8.71			1.96			-0.33			-3.38			-1.23			-1.86			-0.16

Cation/Anion Balance Calculations, Rocky Top Environmental Limited Purpose Landfill, First Quarter 2026

	Conversion Factor[1] (mg/L to meq/L)	MW-7D Value (mg/L)	MW-7D Value (meq/L)	MW-7D Percent of Total (meq/L)	MW-8D Value (mg/L)	MW-8D Value (meq/L)	MW-8D Percent of Total (meq/L)	MW-9D Value (mg/L)	MW-9D Value (meq/L)	MW-9D Percent of Total (meq/L)	MW-10D Value (mg/L)	MW-10D Value (meq/L)	MW-10D Percent of Total (meq/L)
CATIONS													
Na	0.0435	10	0.44	21.40	21	0.91	19.53	21	0.91	22.53	11	0.48	20.43
Ca	0.0499	14	0.70	34.37	34	1.70	36.26	30	1.50	36.92	18	0.90	38.35
Mg	0.08229	10	0.82	40.48	24	1.97	42.21	19	1.56	38.56	11	0.91	38.65
Fe(+2)	0.03581	0.028	0.00	0.05	0.028	0.00	0.02	0.24	0.01	0.21	0.028	0.00	0.04
K	0.02558	2.9	0.07	3.65	3.6	0.09	1.97	2.4	0.06	1.51	2.3	0.06	2.51
Mn	0.0364	0.030	0.00	0.05	0.0055	0.00	0.00	0.29	0.01	0.26	0.0055	0.00	0.01
		TOTAL	2.03	100.00	TOTAL	4.68	100.00	TOTAL	4.05	100.00	TOTAL	2.34	100.00
ANIONS													
HCO_3[2]	0.02	100	2.00	94.41	90	1.80	39.06	90	1.80	42.88	98	1.96	81.49
SO_4	0.02082	2.5	0.05	2.46	94	1.96	42.46	62	1.29	30.75	11	0.23	9.52
Cl	0.02821	2.1	0.06	2.80	27	0.76	16.53	39	1.10	26.21	2.6	0.07	3.05
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
NO_3[3]	0.0714	0.1	0.01	0.34	1.26	0.09	1.95	0.1	0.01	0.17	2.00	0.14	5.94
		TOTAL	2.12	100.00	TOTAL	4.61	100.00	TOTAL	4.20	100.00	TOTAL	2.41	100.00
anion + cation Sum (meq/L)			4.15			9.29			8.25			4.75	
(meq/L cations-anions)/(meq/L cations+anions)*100				-2.06			0.75			-1.74			-1.33

[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

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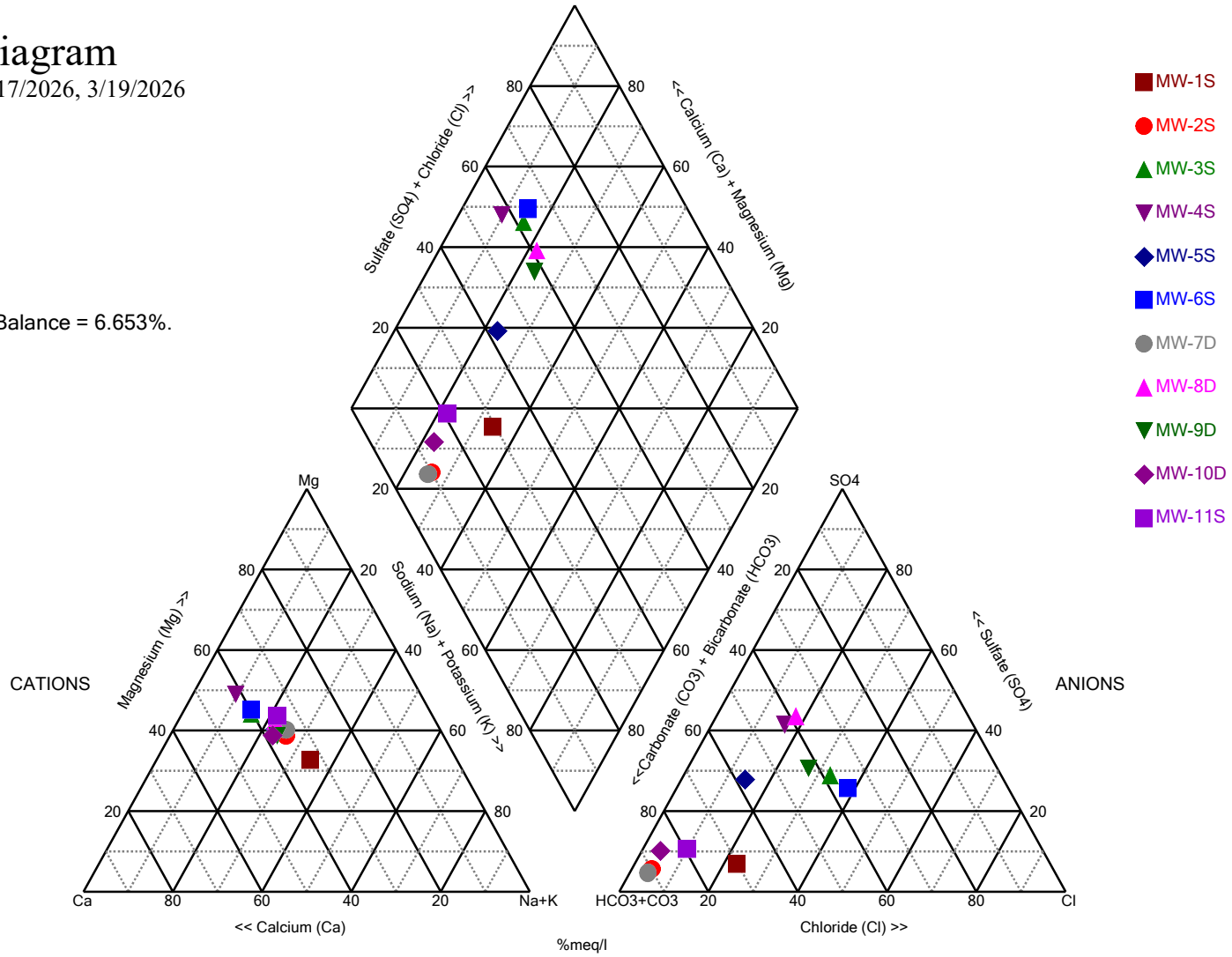
Piper Diagram

3/18/2026, 3/17/2026, 3/19/2026

Cation-Anion Balance = 6.653%.



Analysis Run 6/8/2026 9:32 AM

Yakima Limited Purpose Landfill Client: DTG Data: 1Q26 DTG Piper_final

Appendix F

Statistics

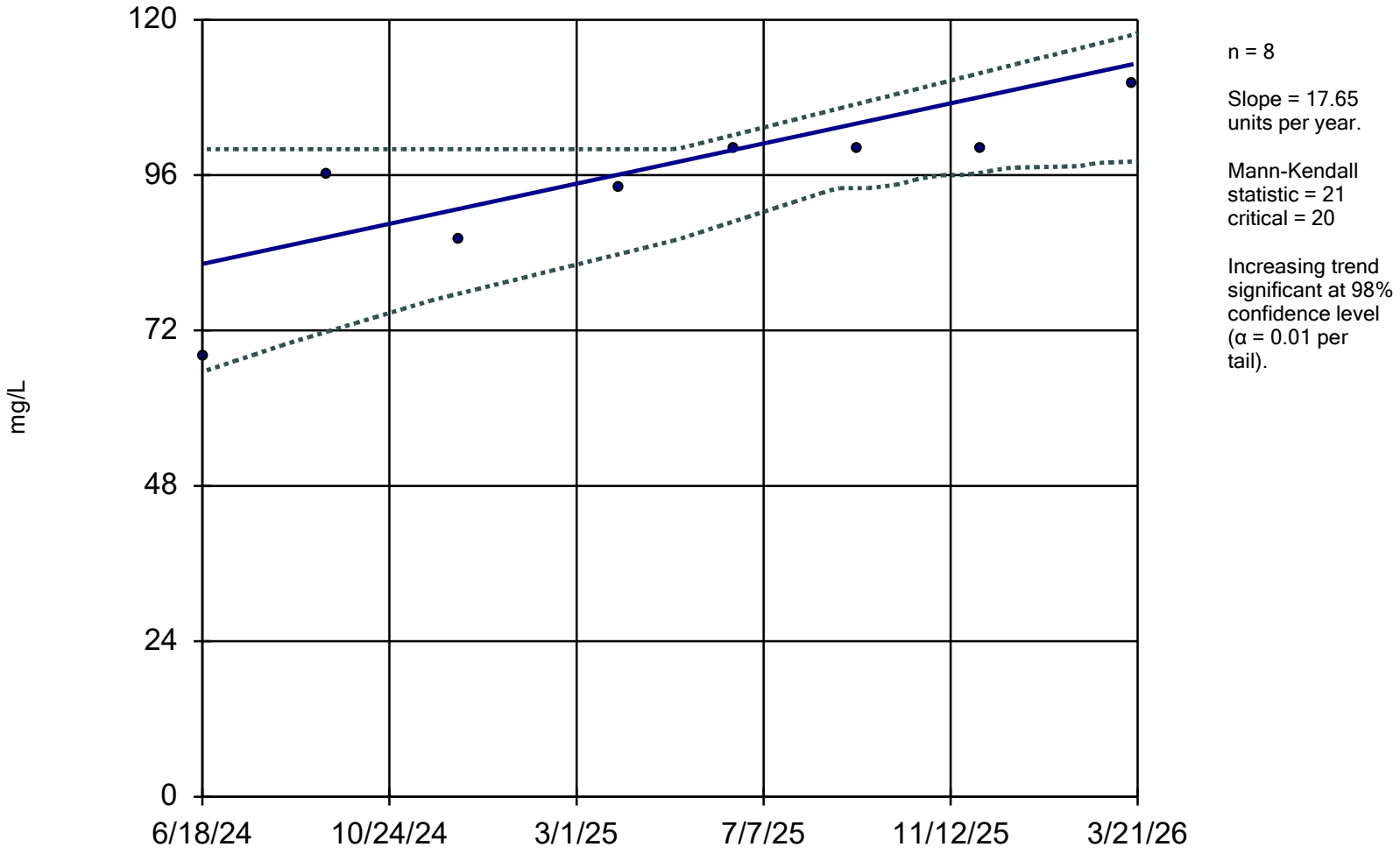
F-1

Trend Analysis

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope and 95% Confidence Band

MW-3S



n = 8

Slope = 17.65 units per year.

Mann-Kendall statistic = 21
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

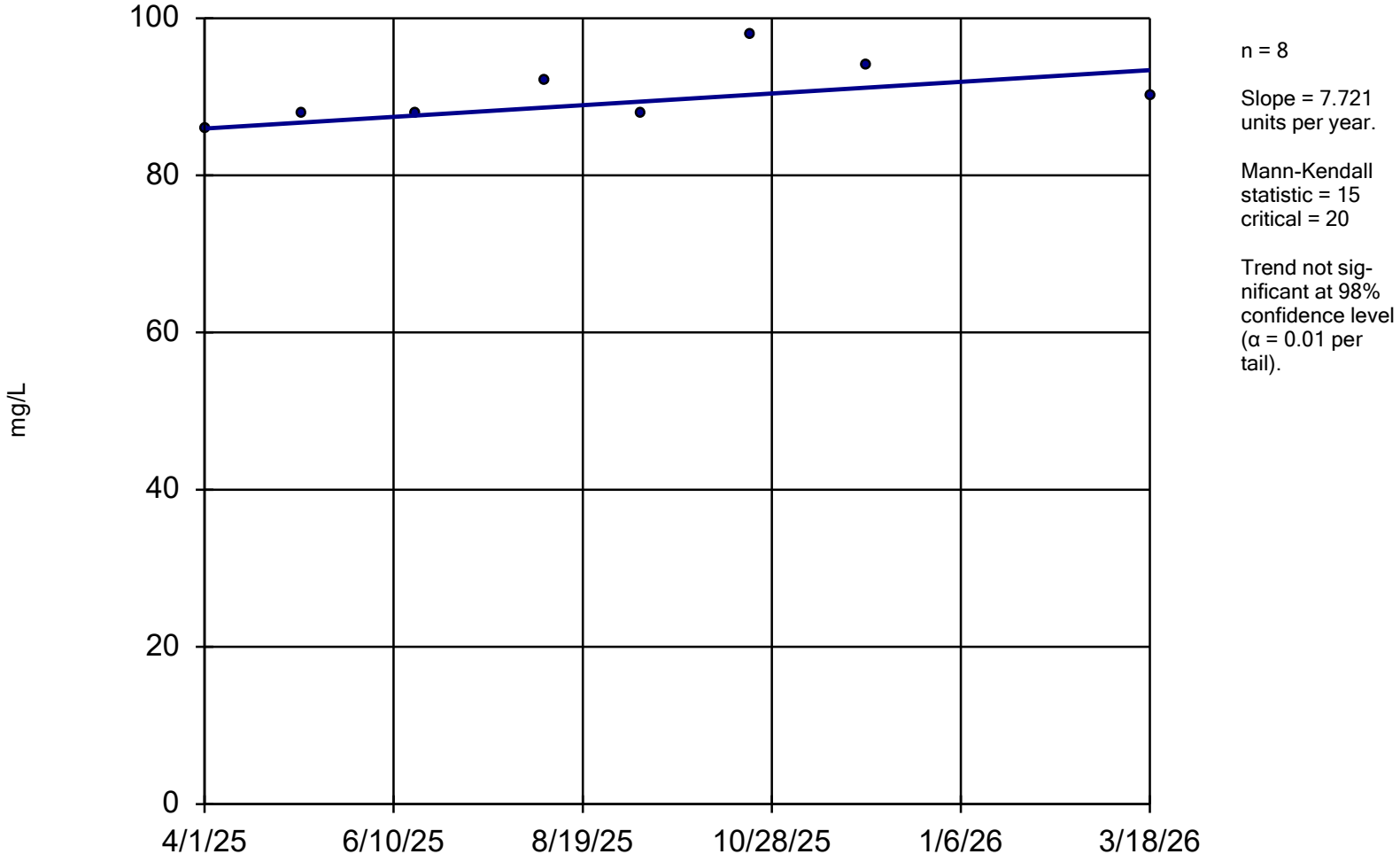
Constituent: Alkalinity, Total Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope Estimator

MW-6S



n = 8

Slope = 7.721 units per year.

Mann-Kendall statistic = 15
critical = 20

Trend not significant at 98% confidence level (α = 0.01 per tail).

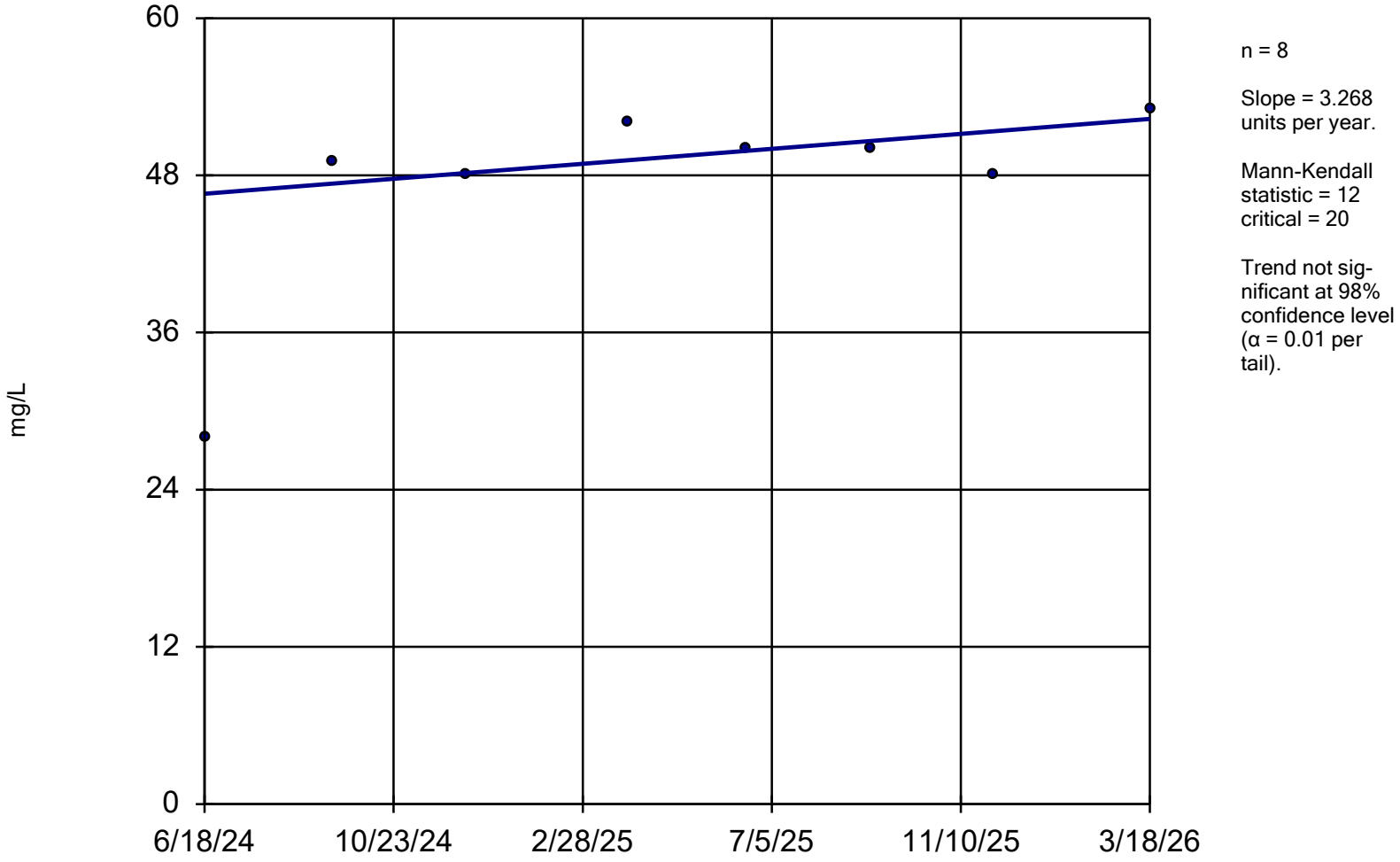
Constituent: Alkalinity, Total Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope Estimator

MW-3S



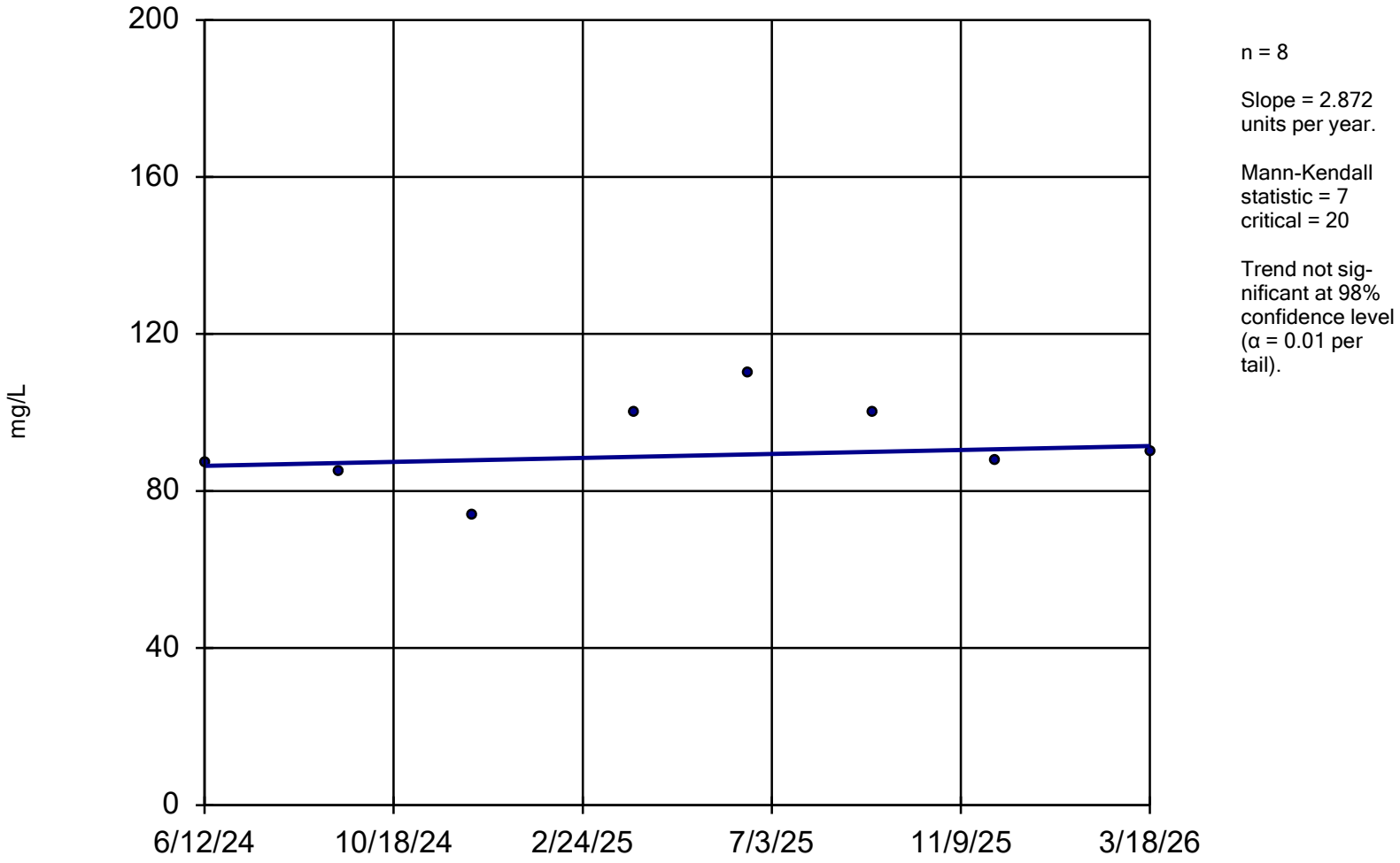
Constituent: Calcium, Dissolved Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope Estimator

MW-4S



n = 8

Slope = 2.872 units per year.

Mann-Kendall statistic = 7
critical = 20

Trend not significant at 98% confidence level (α = 0.01 per tail).

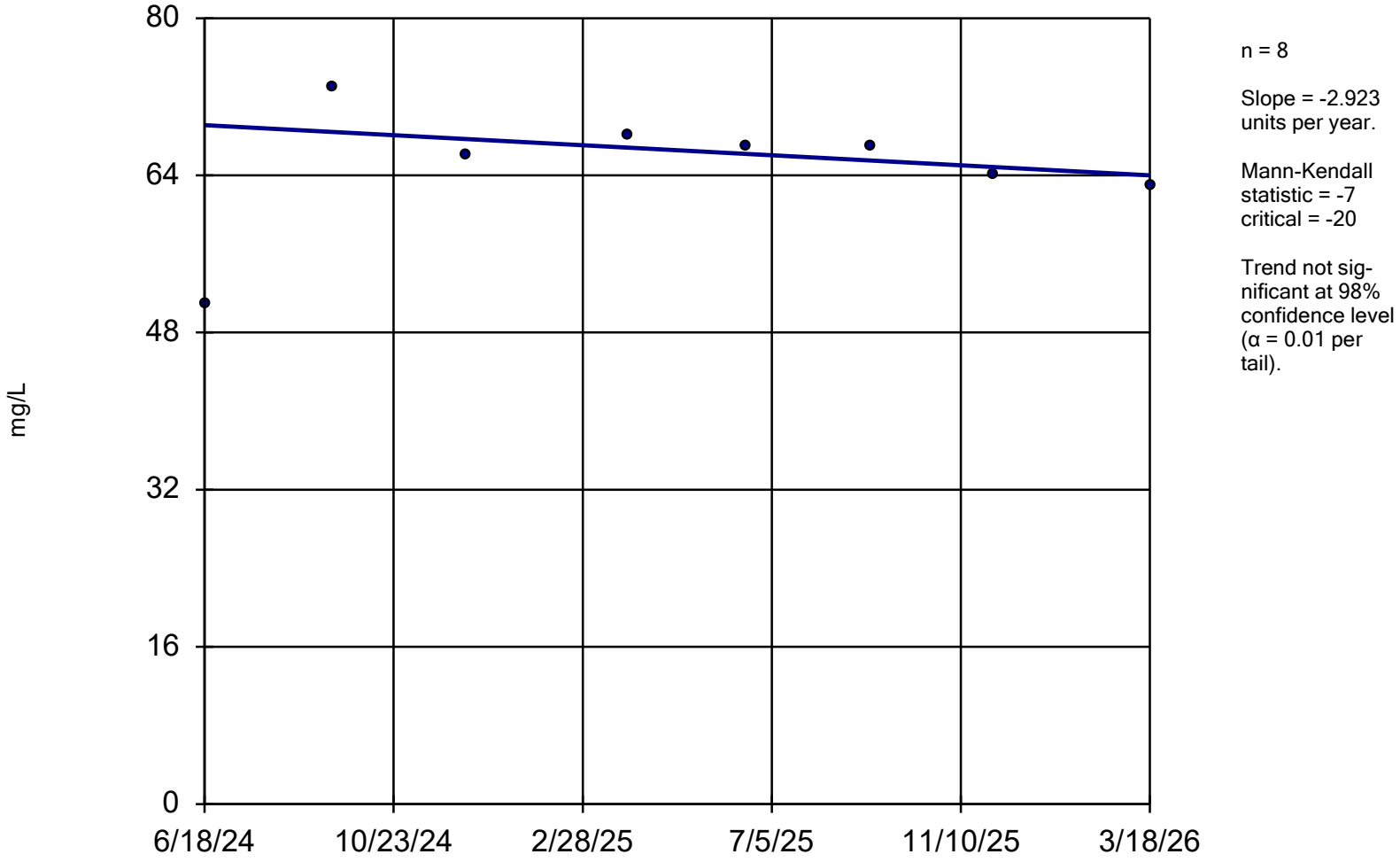
Constituent: Calcium, Dissolved Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope Estimator

MW-3S



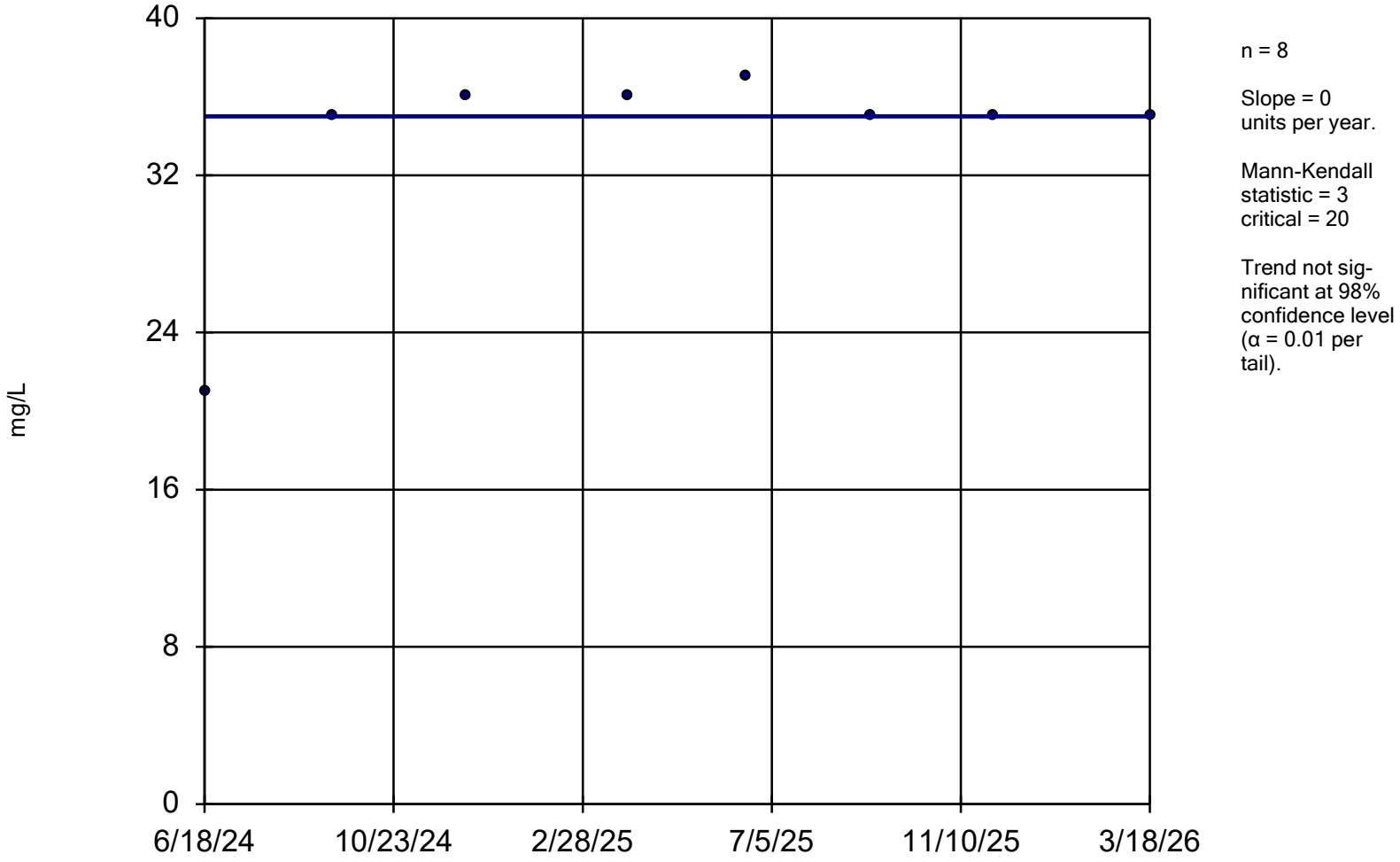
Constituent: Chloride Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope Estimator

MW-3S



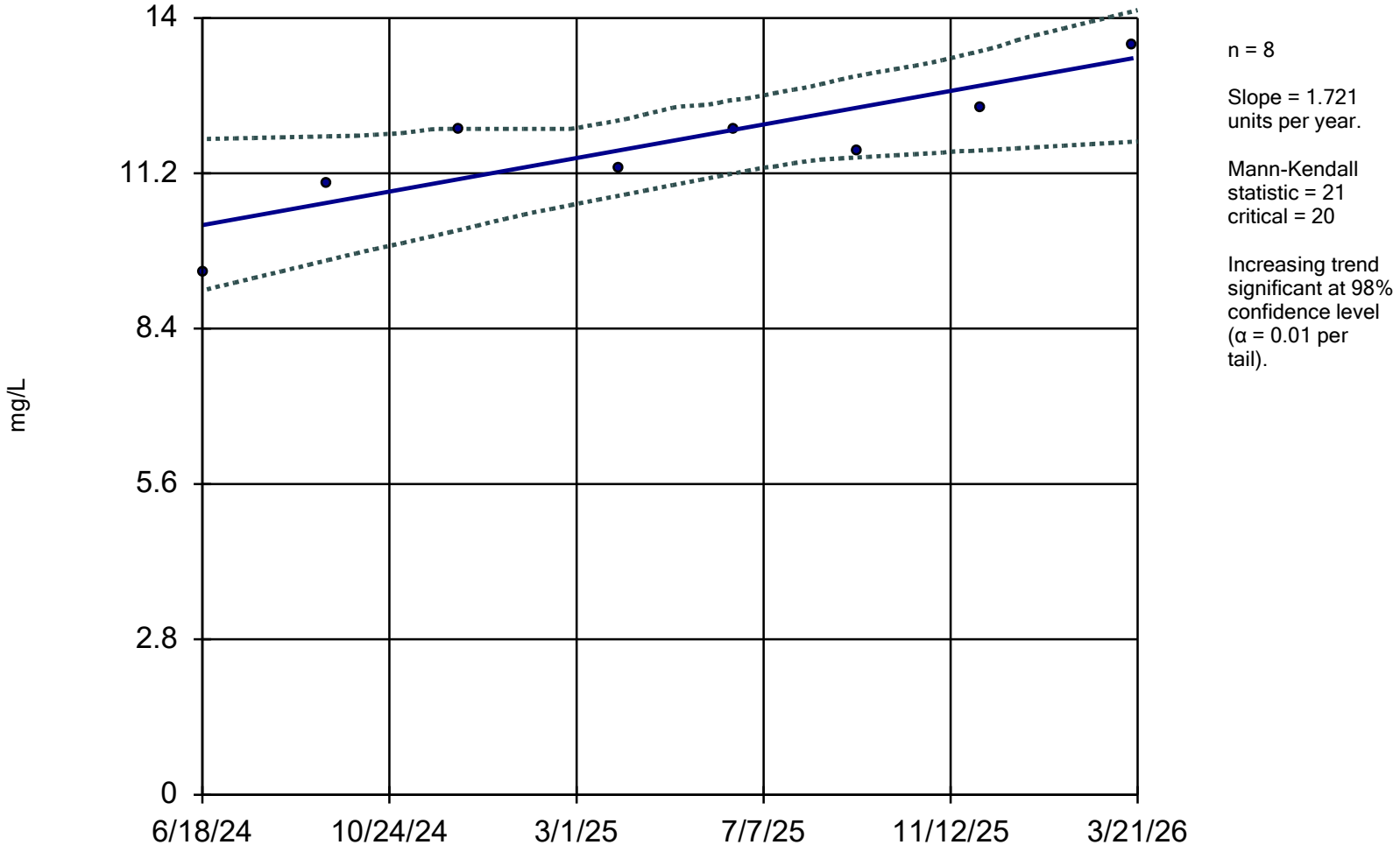
Constituent: Magnesium, Dissolved Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope and 95% Confidence Band

MW-3S



n = 8

Slope = 1.721 units per year.

Mann-Kendall statistic = 21
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

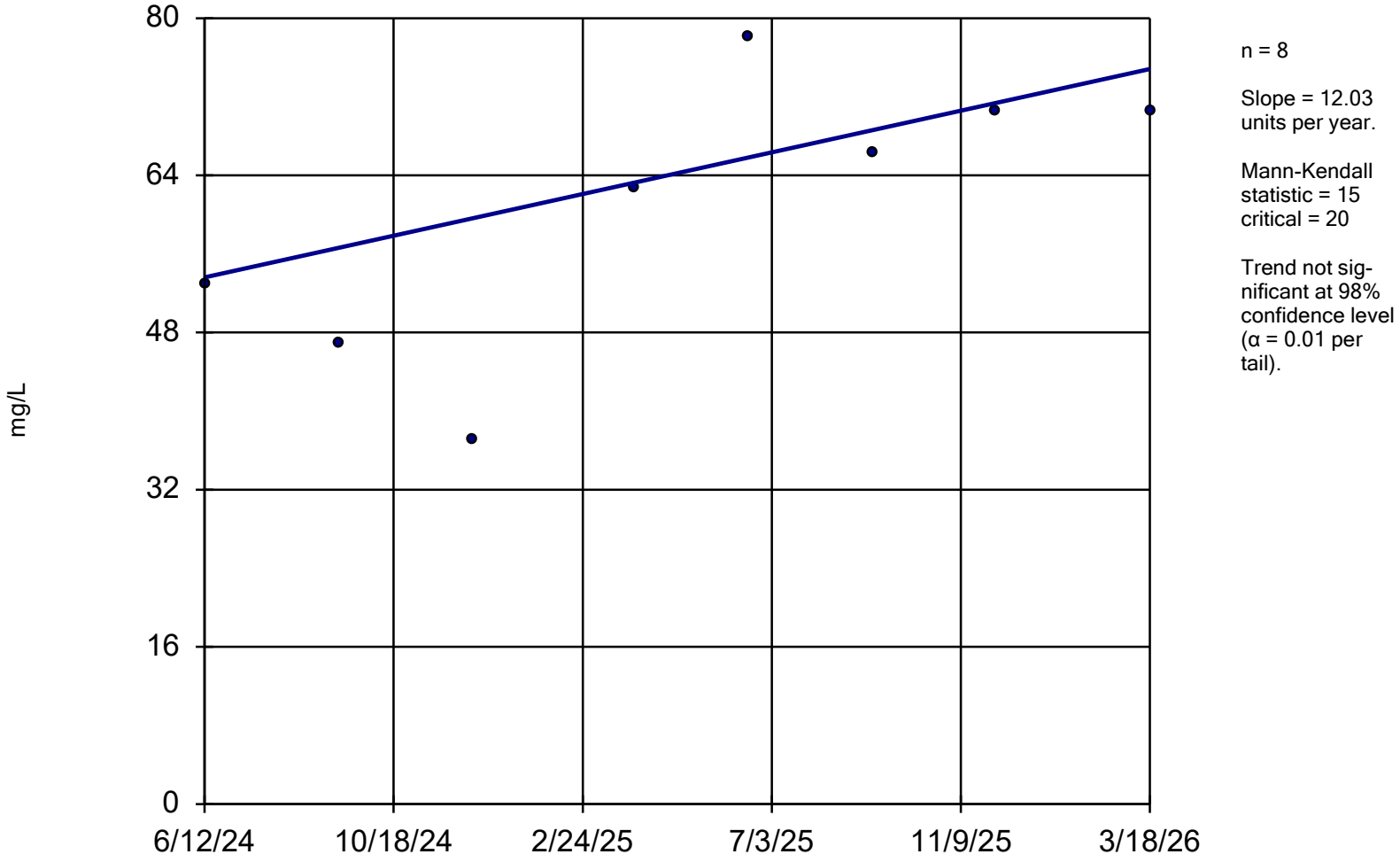
Constituent: Nitrate Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope Estimator

MW-4S



n = 8

Slope = 12.03 units per year.

Mann-Kendall statistic = 15
critical = 20

Trend not significant at 98% confidence level (α = 0.01 per tail).

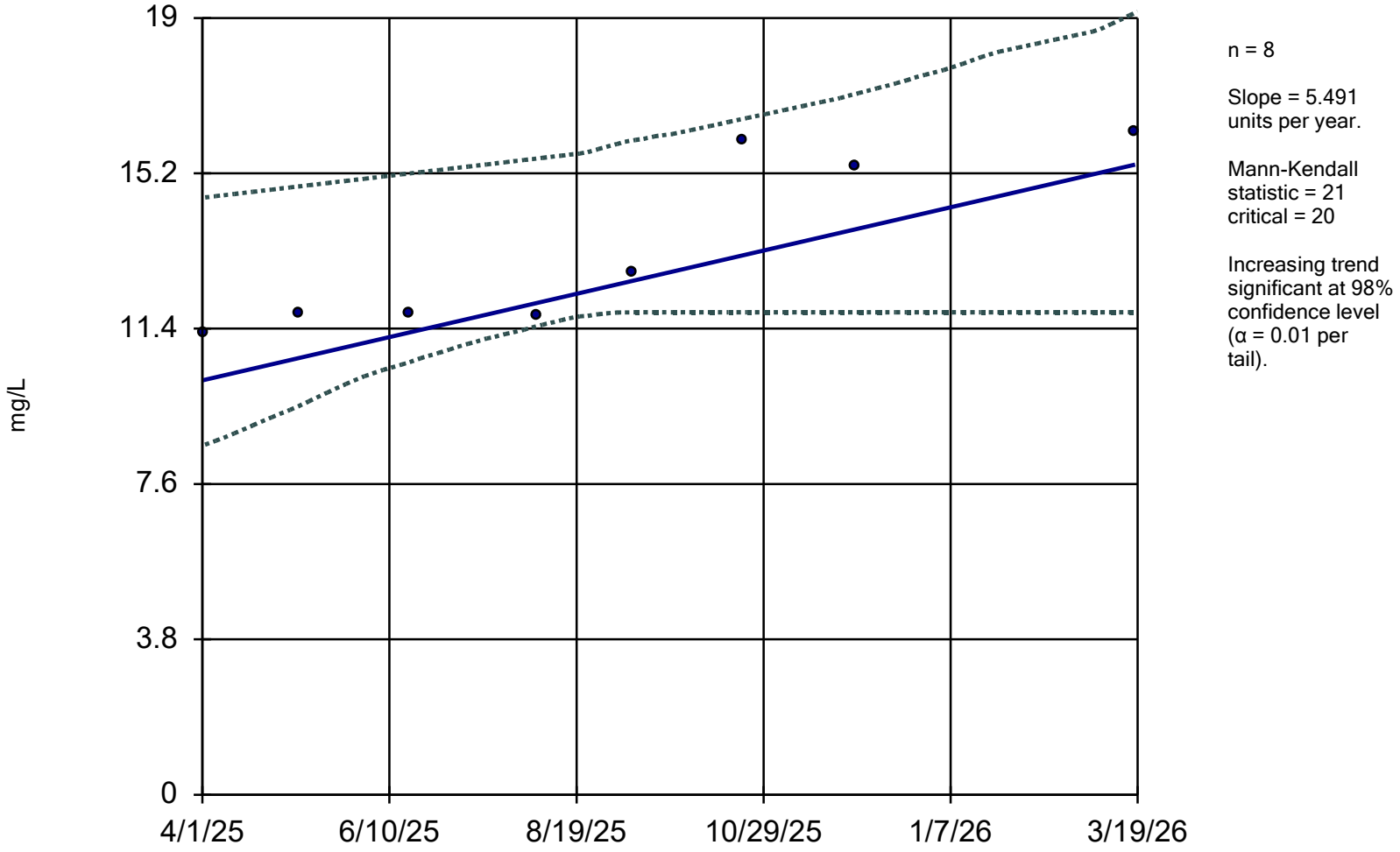
Constituent: Nitrate Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope and 95% Confidence Band

MW-6S



n = 8

Slope = 5.491 units per year.

Mann-Kendall statistic = 21
critical = 20

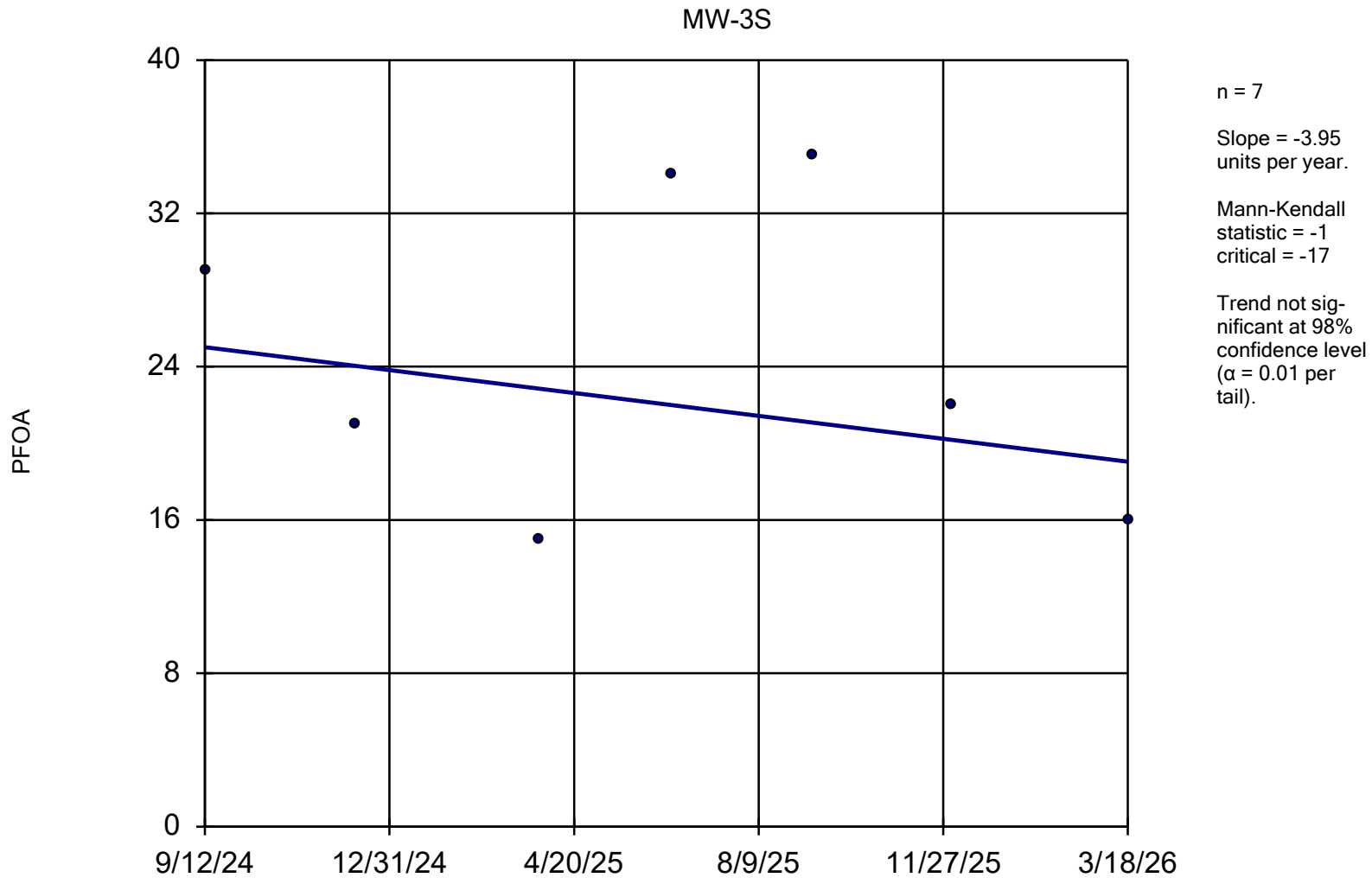
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Nitrate Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope Estimator



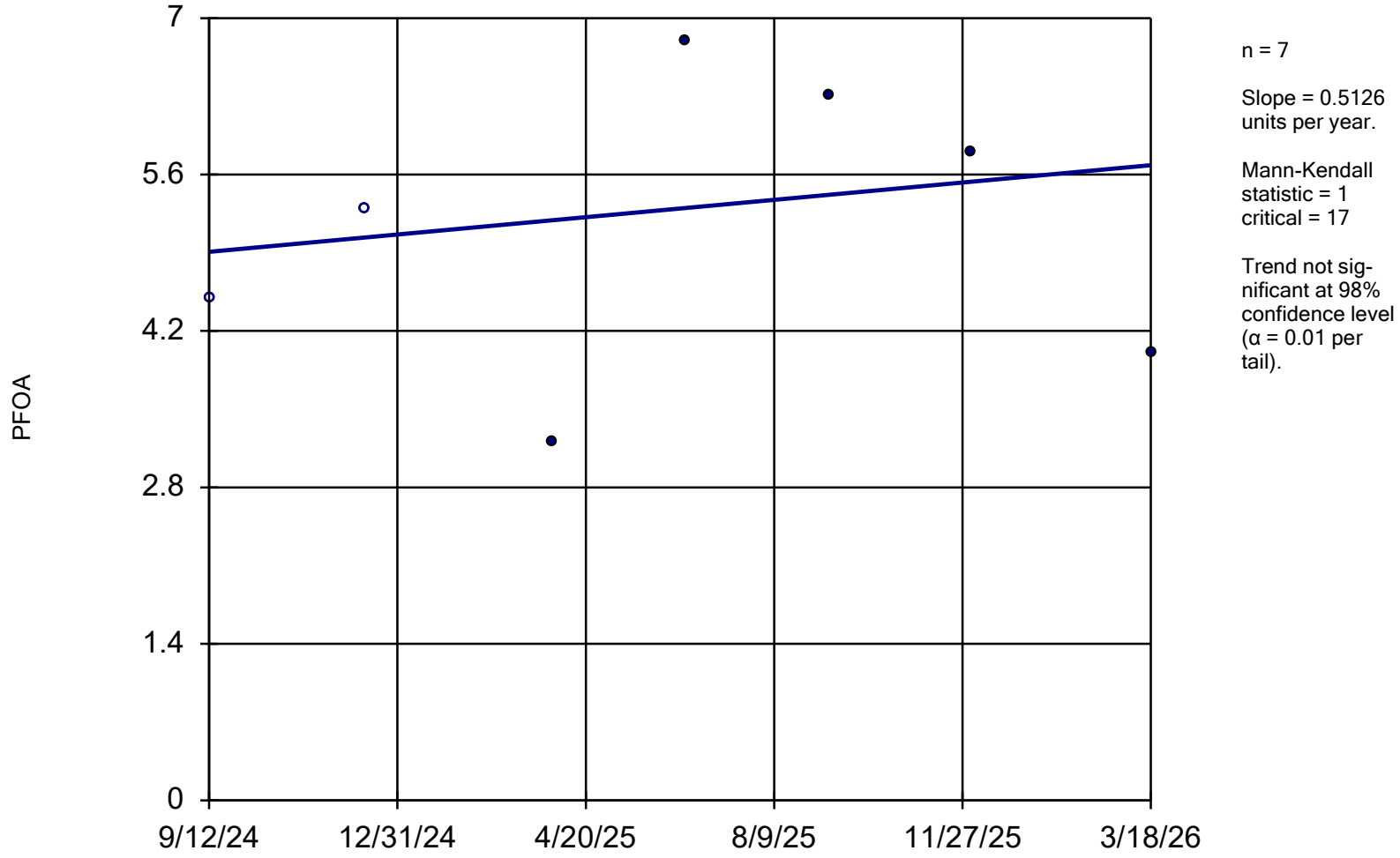
Constituent: Perfluorooctanoic acid Analysis Run 6/17/2026 9:42 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4S



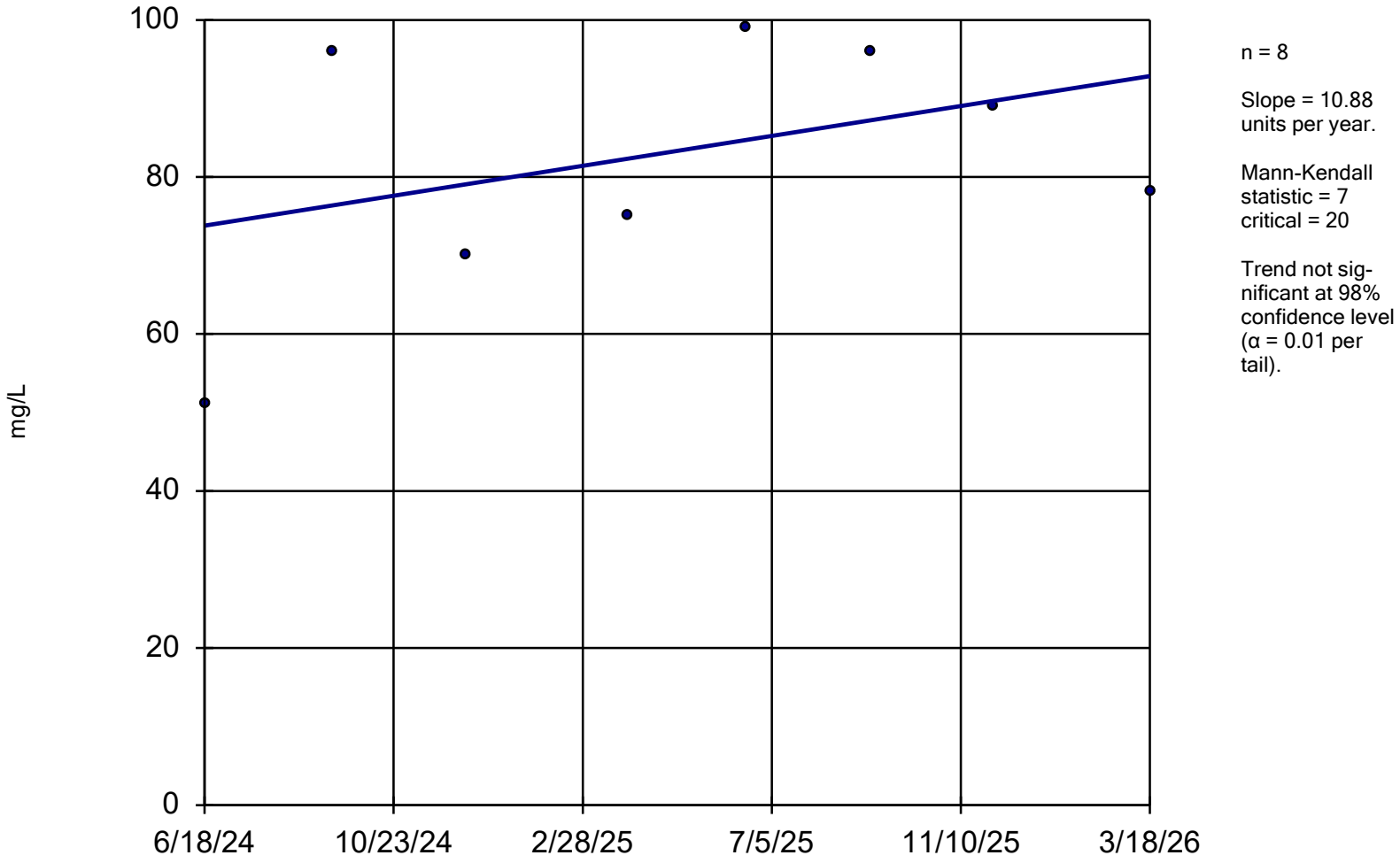
Constituent: Perfluorooctanoic acid Analysis Run 6/17/2026 9:43 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope Estimator

MW-3S



n = 8

Slope = 10.88 units per year.

Mann-Kendall statistic = 7
critical = 20

Trend not significant at 98% confidence level (α = 0.01 per tail).

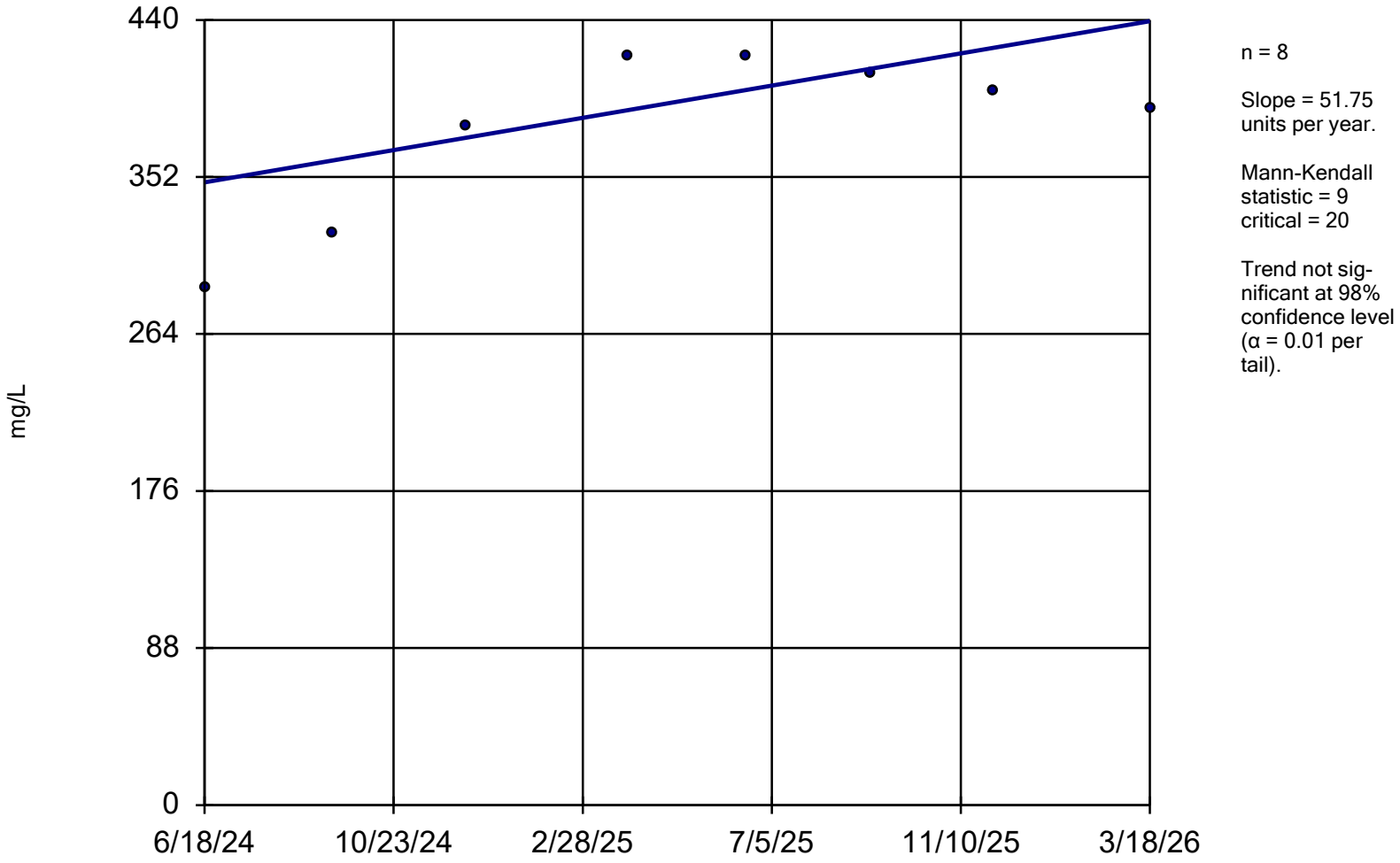
Constituent: Sulfate Analysis Run 6/17/2026 9:43 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

Sanitas™ v.10.1.07 Software licensed to Parametrix. UG

Sen's Slope Estimator

MW-3S



n = 8

Slope = 51.75 units per year.

Mann-Kendall statistic = 9
critical = 20

Trend not significant at 98% confidence level (α = 0.01 per tail).

Constituent: TDS Analysis Run 6/18/2026 12:58 PM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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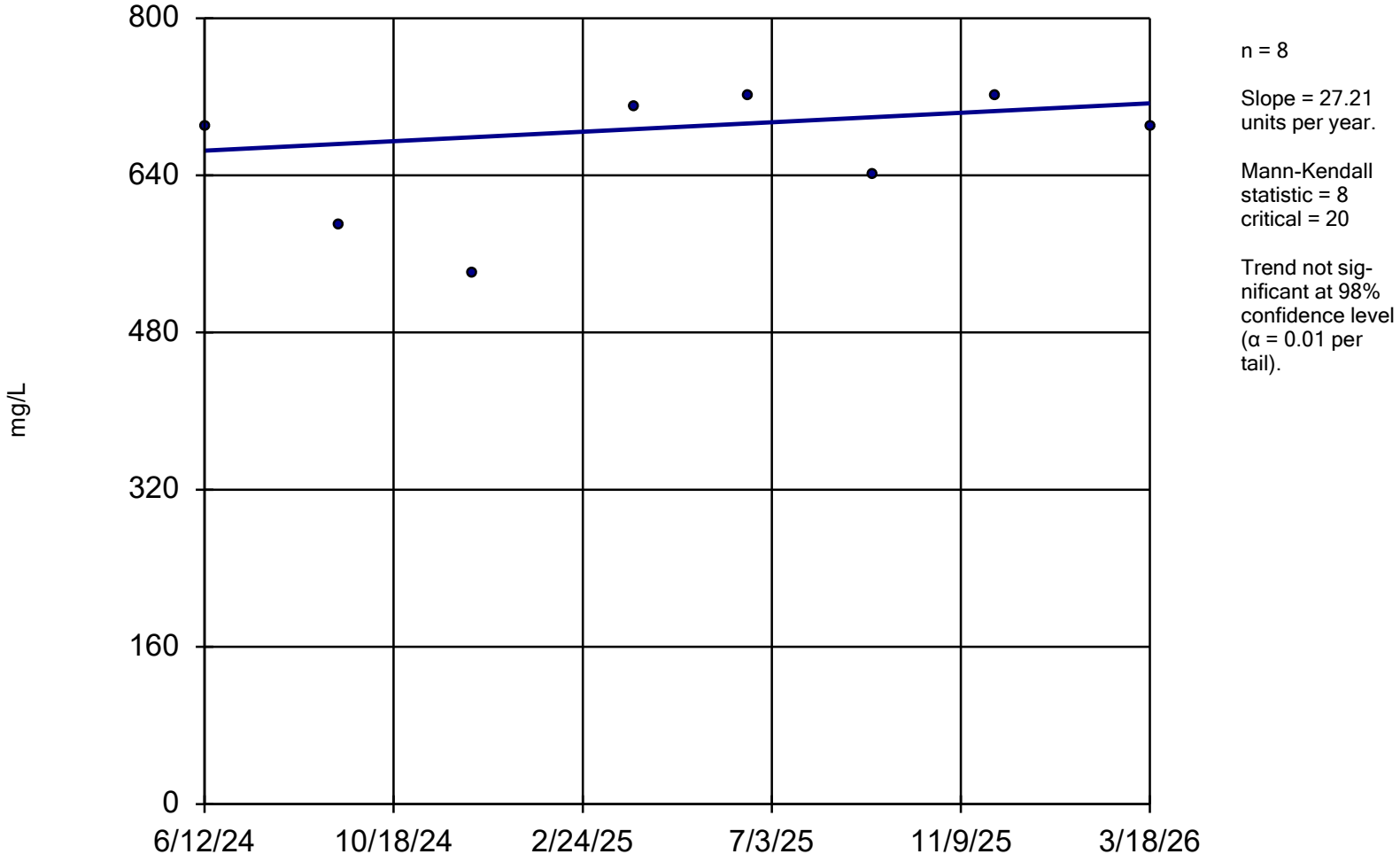
Sen's Slope Estimator

MW-4S



Constituent: TDS Analysis Run 6/17/2026 9:43 AM View: Trends

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

F-2

UPL Exceedances

Table F-2. First Quarter 2026 Upper Prediction Limit (UPL) and Shewhart Control Limit (SCL) Comparison

Well	Analyte	Results (mg/L)	UPL (mg/L)	UPL Exceedance?	SCL (mg/L)	SCL Exceedance?	CUSUM (mg/L)	CUSUM exceed SCL?
MW-2S	Alkalinity, Total	80	88	no	--	n/a	n/a	n/a
	Calcium, Dissolved	13	14	no	--	n/a	n/a	n/a
	Chloride	2.1	5.674	no	5.555	no	*	no
	Iron, Dissolved[2]	<0.056	--	n/a	--	n/a	n/a	n/a
	Magnesium, Dissolved	8.6	9.881	no	10.58	no	*	no
	Nitrate	0.678	2.368	no	--	n/a	n/a	n/a
	Potassium, Dissolved	3.0	3.813	no	--	n/a	n/a	n/a
	Sulfate	<5.0	7.908	no	9.194	no	*	no
	Total Dissolved Solids	140	195.5	no	240.7	no	*	no
	Total Organic Carbon[2]	<1.0	--	n/a	--	n/a	n/a	n/a
MW-3S	Alkalinity, Total[1]	110	--	n/a	--	n/a	n/a	n/a
	Calcium, Dissolved[1]	53	--	n/a	--	n/a	n/a	n/a
	Chloride[1]	63	--	n/a	--	n/a	n/a	n/a
	Iron, Dissolved	<0.056	0.088	no	--	n/a	n/a	n/a
	Magnesium, Dissolved[1]	35	--	n/a	--	n/a	n/a	n/a
	Nitrate[1]	13.5	--	n/a	--	n/a	n/a	n/a
	Potassium, Dissolved	4.9	5.765	no	6.808	no	*	no
	Sulfate[1]	78	--	n/a	--	n/a	n/a	n/a
	Total Dissolved Solids[1]	110	--	n/a	--	n/a	n/a	n/a
	Total Organic Carbon	3.0	3.665	no	4.307	no	*	no
MW-4S	Alkalinity, Total[3]	140	187.6	no	243	no	158.4	no
	Calcium, Dissolved[1]	90	--	n/a	--	n/a	n/a	n/a
	Chloride[3]	36	52.29	no	68.39	no	45.3	no
	Iron, Dissolved[2]	<0.056	--	n/a	--	n/a	n/a	n/a
	Magnesium, Dissolved	64	93.59	no	118.2	no	*	no
	Nitrate[1]	70.5	--	n/a	--	n/a	n/a	n/a
	Potassium, Dissolved	6.7	7.956	no	9.091	no	*	no
	Sulfate	130	186.4	no	253.1	no	*	no
	Total Dissolved Solids[1]	690	--	n/a	--	n/a	n/a	n/a
	Total Organic Carbon[3]	3.6	6.407	no	7.802	no	4.77	no
MW-5S	Alkalinity, Total	110	110	yes	--	n/a	n/a	n/a
	Calcium, Dissolved	27	39	no	42.45	no	*	no
	Chloride	18	35	no	51.07	no	*	no
	Iron, Dissolved	0.097	0.6258	no	1.193	no	*	no
	Magnesium, Dissolved	18	26.31	no	28.76	no	*	no
	Nitrate	<0.200	0.239	no	--	n/a	n/a	n/a
	Potassium, Dissolved	3.6	4.332	no	4.635	no	*	no
	Sulfate	50	108.1	no	128.9	no	*	no
	Total Dissolved Solids	220	401.9	no	--	n/a	n/a	n/a
	Total Organic Carbon	<1.0	1.7	no	--	n/a	n/a	n/a
MW-6S	Alkalinity, Total[1]	90	--	n/a	--	n/a	n/a	n/a
	Calcium, Dissolved	47	54.04	no	59.1	no	*	no
	Chloride	65	--	n/a	74.55	no	*	no
	Iron, Dissolved[2]	<0.056	--	n/a	--	n/a	n/a	n/a
	Magnesium, Dissolved	32	38.83	no	43.23	no	*	no
	Nitrate[1]	16.2	--	n/a	--	n/a	n/a	n/a
	Potassium, Dissolved	4.7	5.704	no	6.403	no	*	no
	Sulfate	61	77.08	no	84.49	no	*	no
	Total Dissolved Solids	390	579	no	580	no	*	no
	Total Organic Carbon	3.3	3.69	no	4.013	no	*	no

Table F-1. First Quarter 2026 Upper Prediction Limit (UPL) and Shewhart Control Limit (SCL) Comparison

Well	Analyte	Results (mg/L)	UPL (mg/L)	UPL Exceedance?	SCL (mg/L)	SCL Exceedance?	CUSUM (mg/L)	CUSUM exceed SCL?
MW-7D	Alkalinity, Total	100	105.9	no	109.6	no	*	no
	Calcium, Dissolved	14	16.99	no	--	n/a	n/a	n/a
	Chloride	2.1	4.304	no	5.027	no	*	no
	Iron, Dissolved	<0.056	0.4158	no	0.5512	no	*	no
	Magnesium, Dissolved	10	11	no	--	n/a	n/a	n/a
	Nitrate	<0.200	0.2	no	--	n/a	n/a	n/a
	Potassium, Dissolved	2.9	3.465	no	3.841	no	*	no
	Sulfate[2]	<5.0	--	n/a	--	n/a	n/a	n/a
	Total Dissolved Solids	160	194.5	no	219.9	no	*	no
	Total Organic Carbon[2]	<1.0	--	n/a	--	n/a	n/a	n/a
MW-8D	Alkalinity, Total	90	94	no	--	n/a	n/a	n/a
	Calcium, Dissolved	**34**	32.32	yes	34.99	no	*	no
	Chloride	**27**	25.62	yes	29.92	no	*	no
	Iron, Dissolved	<0.056	--	n/a	--	n/a	n/a	n/a
	Magnesium, Dissolved	**24**	23.85	yes	26.17	no	*	no
	Nitrate	1.26	2.041	no	2.268	no	*	no
	Potassium, Dissolved	3.6	3.946	no	4.369	no	*	no
	Sulfate	**94**	92.54	yes	107.5	no	*	no
	Total Dissolved Solids	330	331.3	no	369.1	no	*	no
	Total Organic Carbon[2]	<1.0	--	n/a	--	n/a	n/a	n/a
MW-9D	Alkalinity, Total	90	109.5	no	116.9	no	*	no
	Calcium, Dissolved	30	35.37	no	37.23	no	*	no
	Chloride	39	45.56	no	47.46	no	*	no
	Iron, Dissolved	0.24	0.69	no	--	n/a	n/a	n/a
	Magnesium, Dissolved	19	22.66	no	--	n/a	n/a	n/a
	Nitrate	<0.200	1.64	no	--	n/a	n/a	n/a
	Potassium, Dissolved	2.4	3.354	no	3.82	no	*	no
	Sulfate	62	94.81	no	110.3	no	*	no
	Total Dissolved Solids	270	458.7	no	452.6	no	*	no
	Total Organic Carbon	3.8	4.726	no	5.572	no	*	no

Notes:

1 = Trends will be evaluated quarterly

2 = Double quantitation rule applied in lieu of UPL

3 = SCL affected by seasonality. Due to current limitations of the Sanitas™ statistical software, control charts are not presented. Compliance data and CUSUM are compared to the SCL calculated from background data only.

* = CUSUM displayed on control charts

-- = Not established

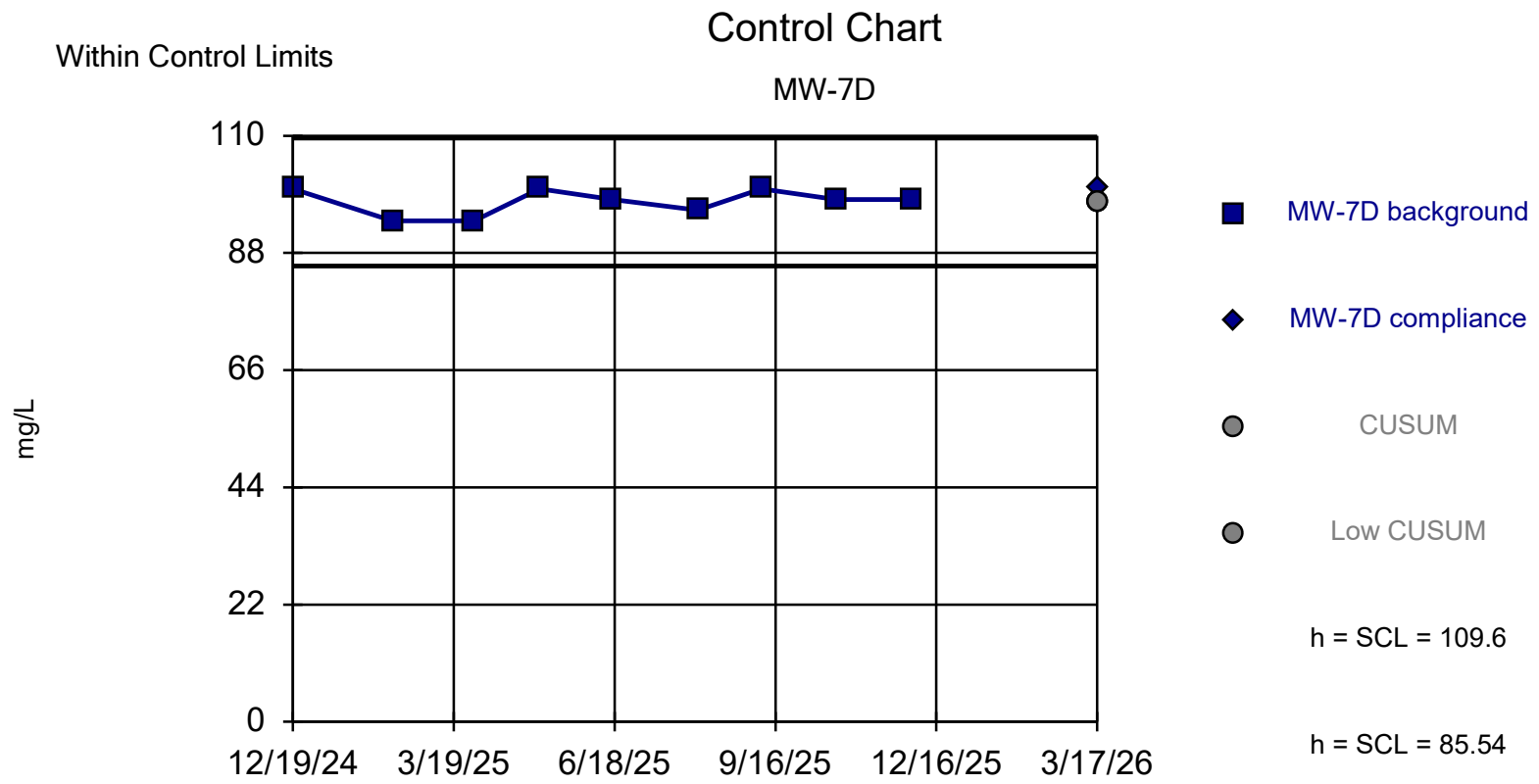
n/a = Not applicable

BOLD = UPL exceedance

BOLD = UPL and SCL exceedance

F-3

Control Charts



Background Data Summary: Mean=97.56, Std. Dev.=2.404, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8504, critical = 0.829. Report alpha = 0.000766. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Alkalinity, Total Analysis Run 6/14/2026 7:05 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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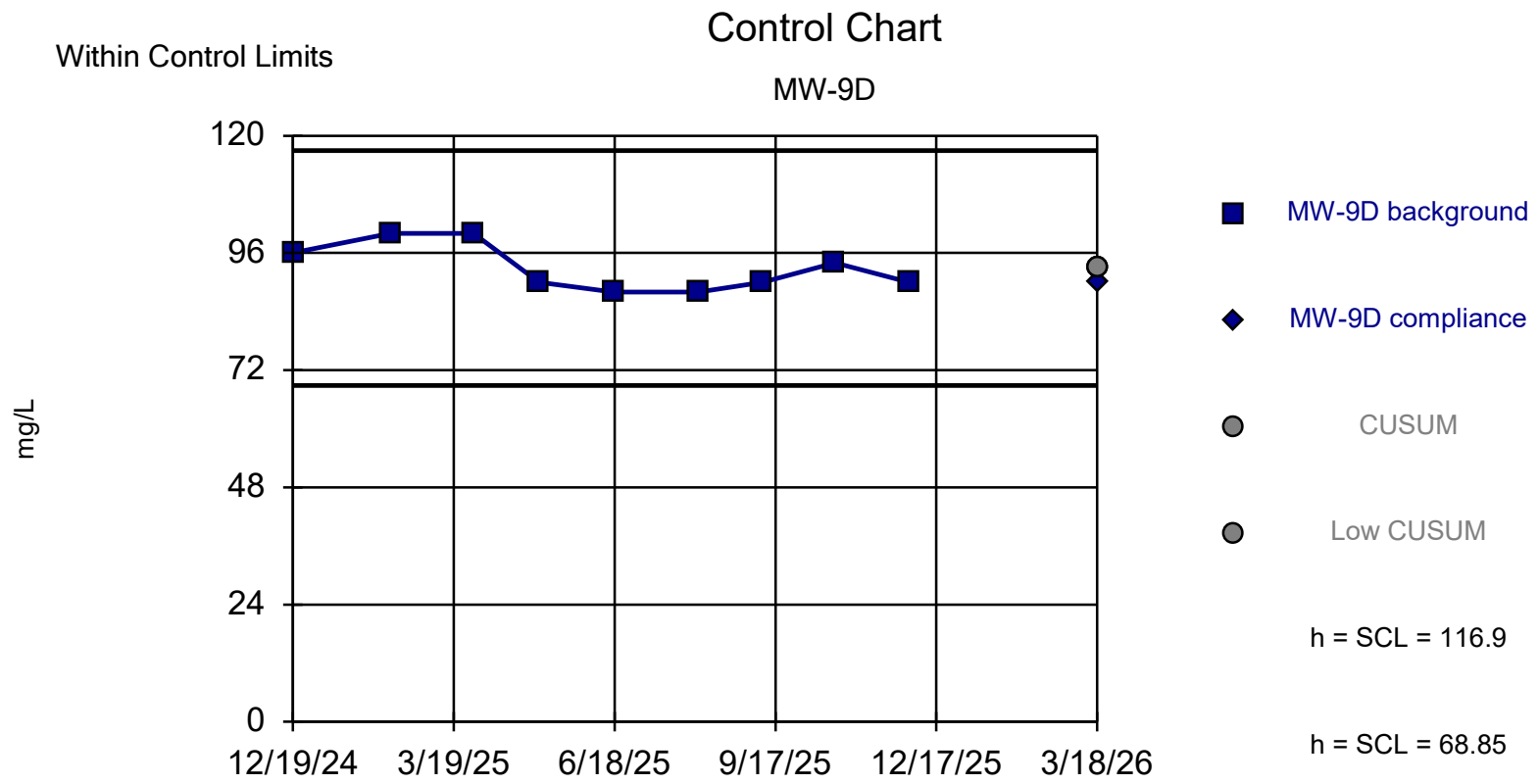
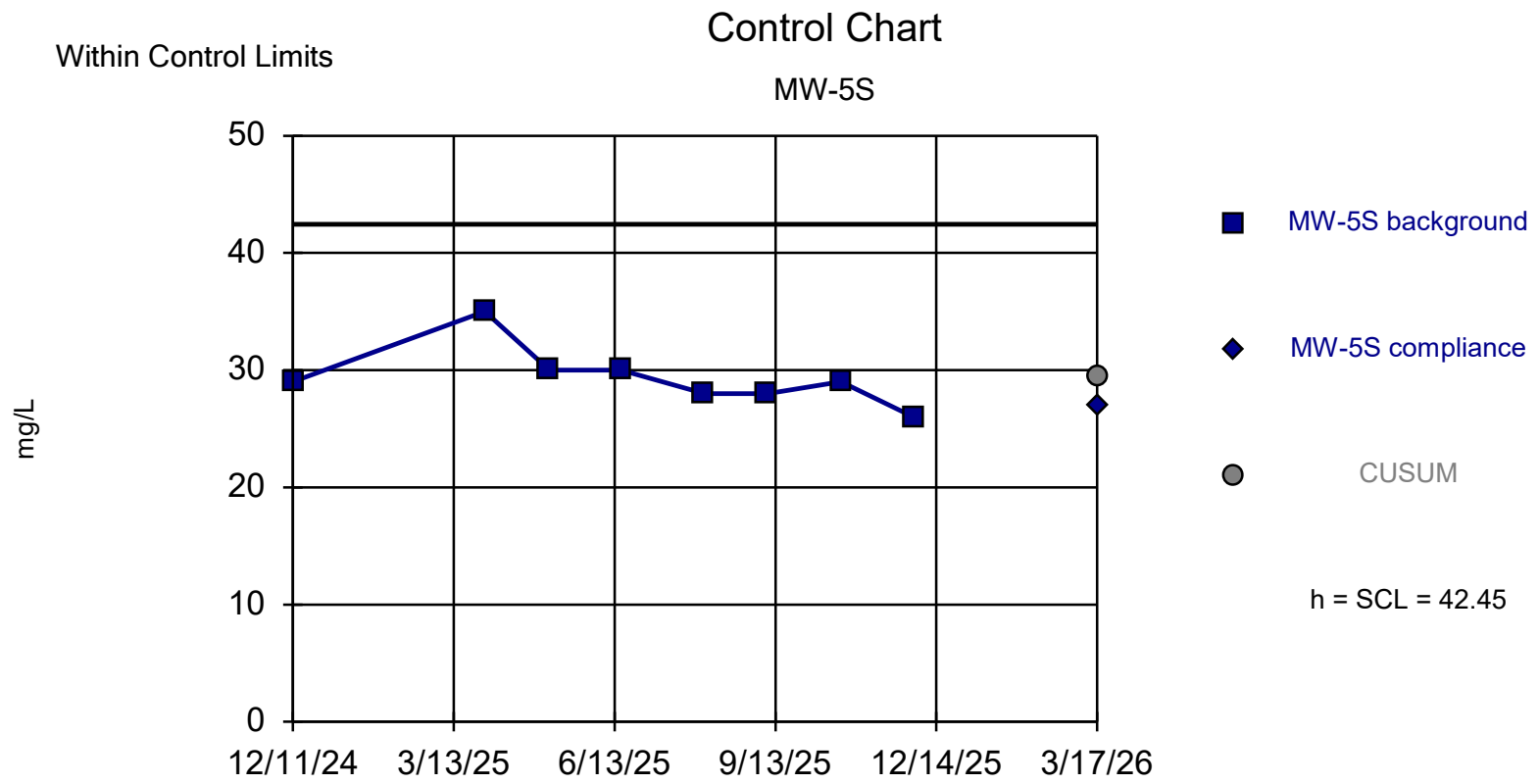


Background Data Summary: Mean=92.89, Std. Dev.=4.807, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8482, critical = 0.829. Report alpha = 0.000766. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Alkalinity, Total Analysis Run 6/14/2026 7:05 PM View: 2026-2027 Control Charts

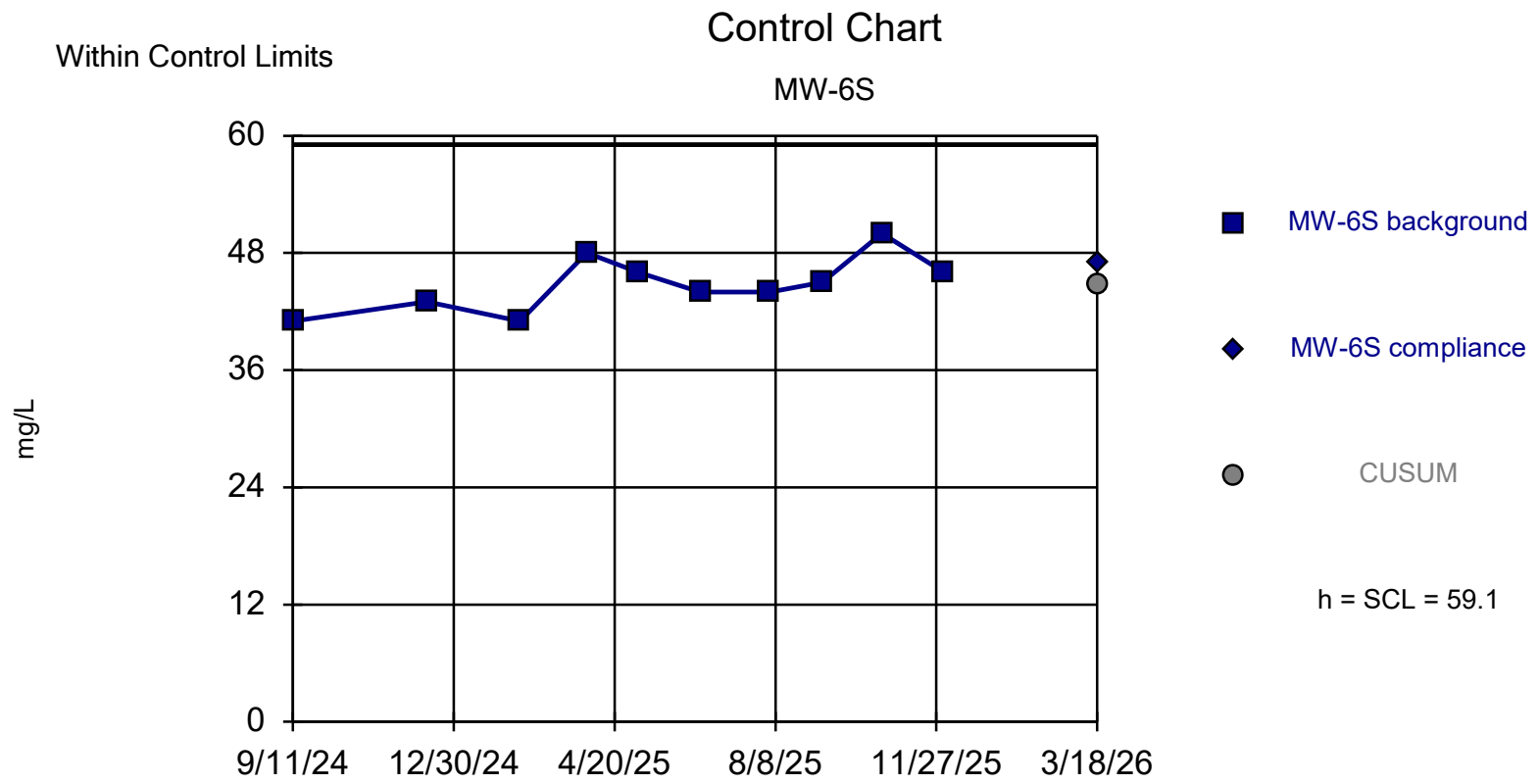
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=29.38, Std. Dev.=2.615, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8631, critical = 0.818. Report alpha = 0.001084. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Calcium, Dissolved Analysis Run 6/14/2026 7:05 PM View: 2026-2027 Control Charts

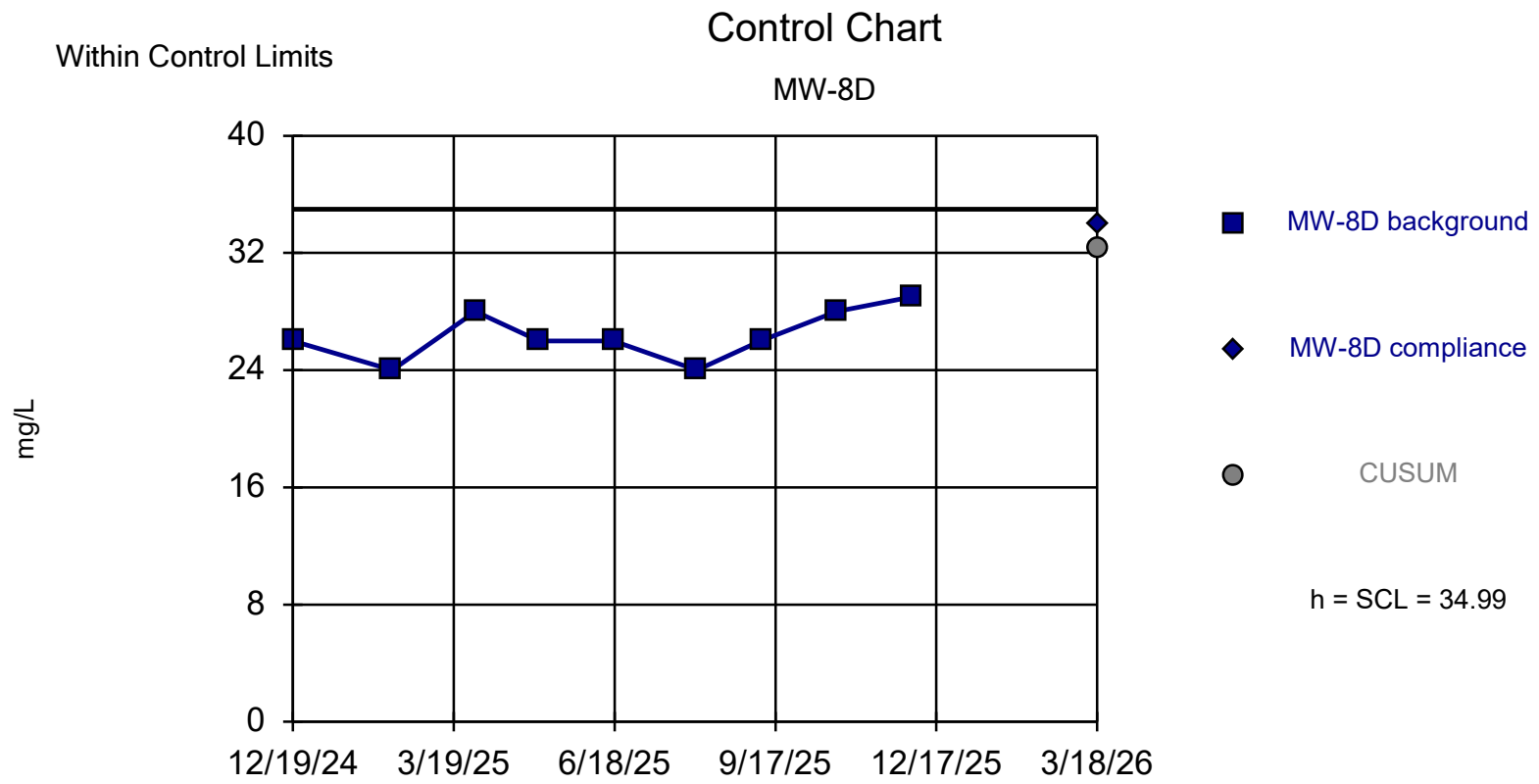
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=44.8, Std. Dev.=2.86, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9577, critical = 0.842. Report alpha = 0.000552. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Calcium, Dissolved Analysis Run 6/14/2026 7:05 PM View: 2026-2027 Control Charts

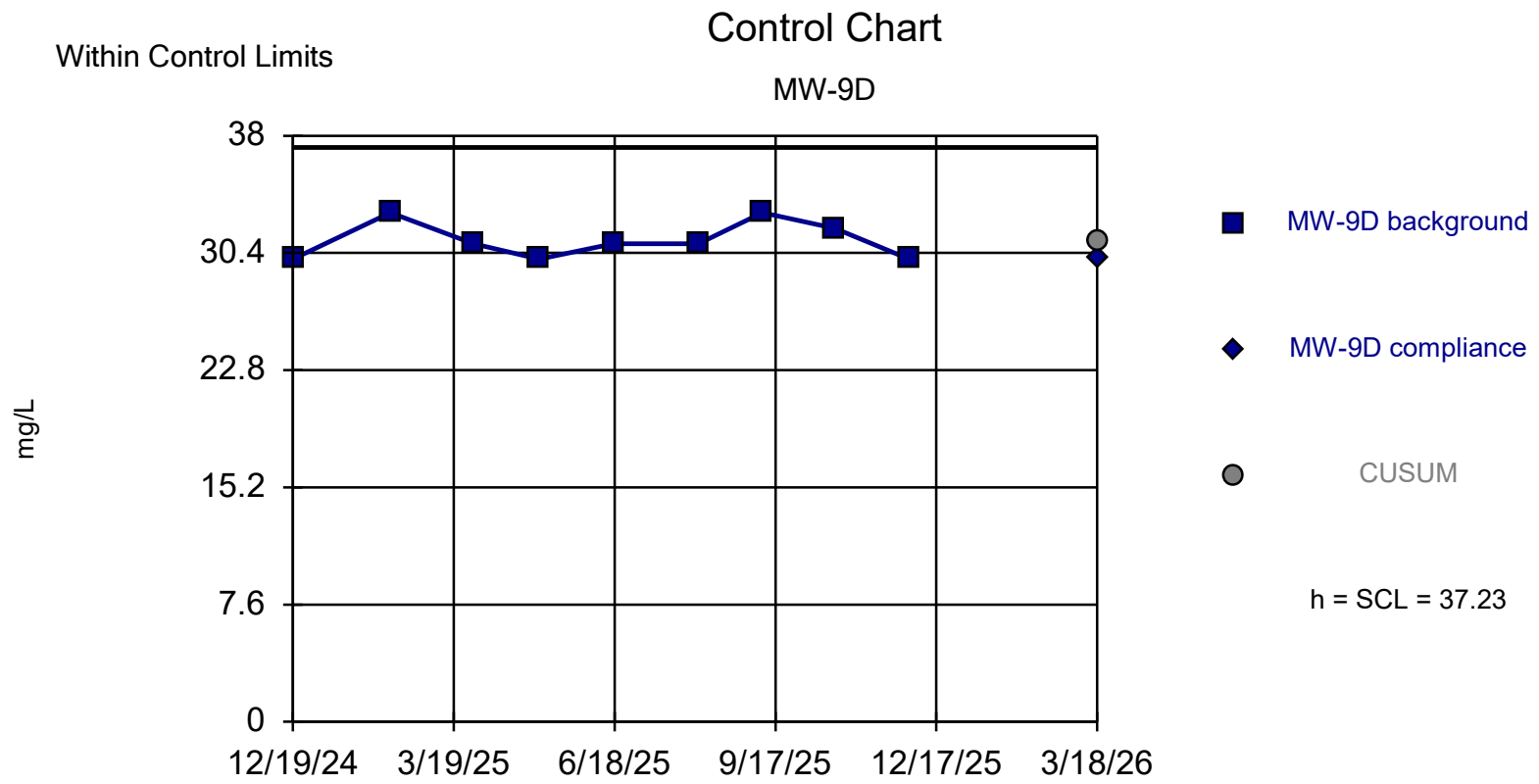
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=26.33, Std. Dev.=1.732, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8958, critical = 0.829. Report alpha = 0.000702. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Calcium, Dissolved Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=31.22, Std. Dev.=1.202, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8504, critical = 0.829. Report alpha = 0.000702. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Calcium, Dissolved Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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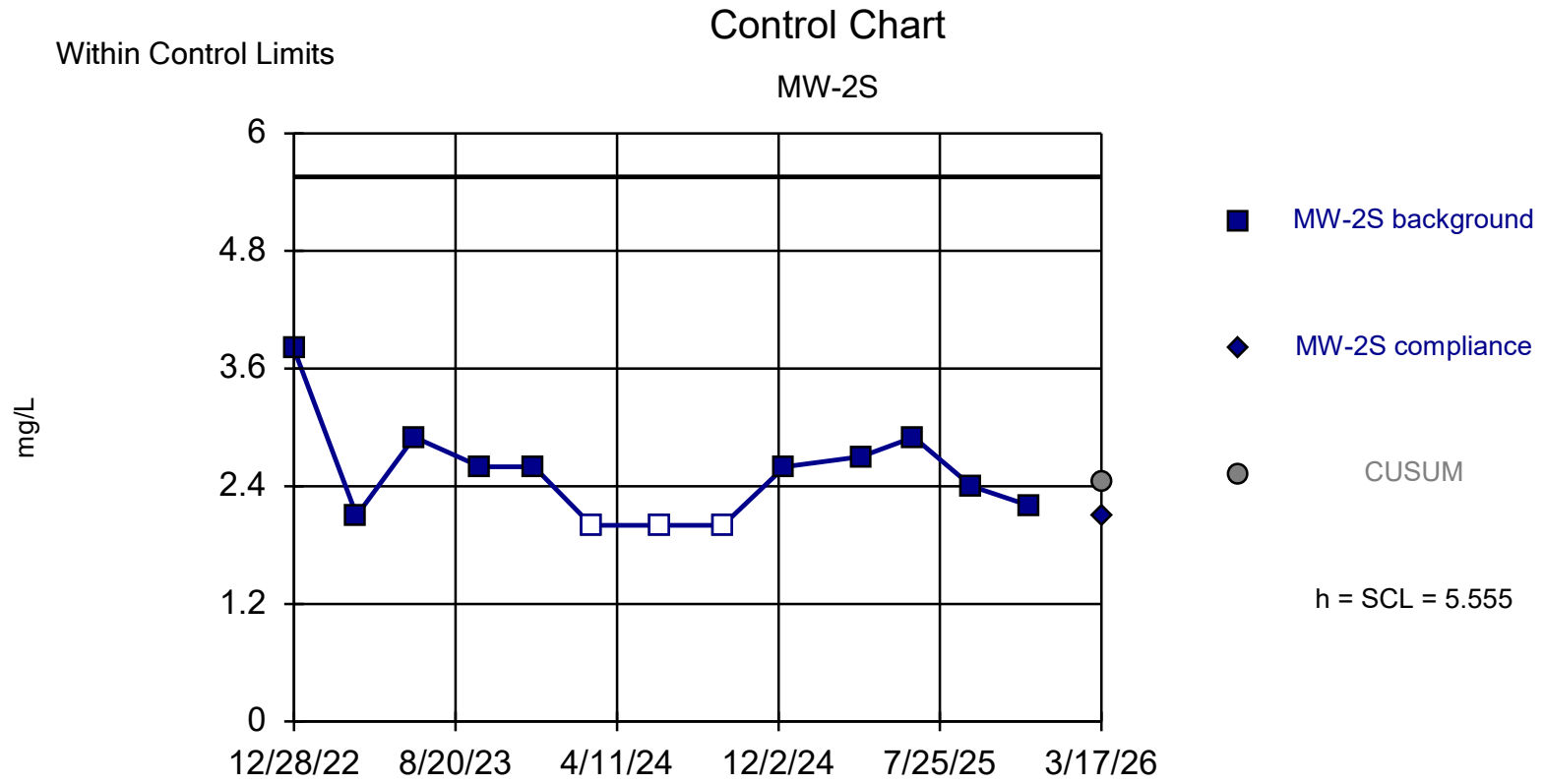
Hollow symbols indicate censored values.



Background Data Summary (after Cohen`s Adjustment): Mean=2.438, Std. Dev.=0.6235, n=13, 23.08% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8704, critical = 0.866. Report alpha = 0.000212. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 6/14/2026 7:01 PM View: 2022-2025 background for 2026 UPLs, Cont

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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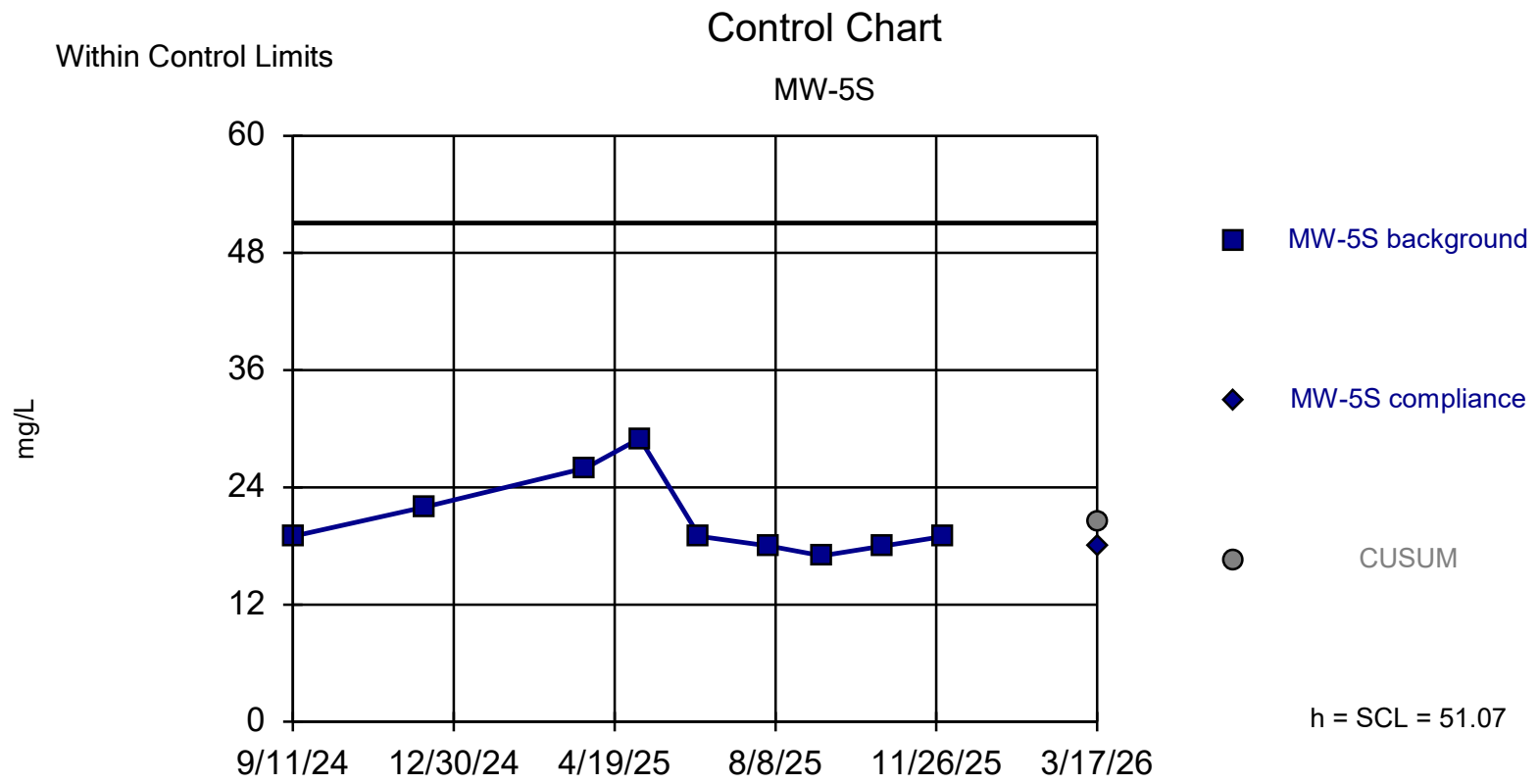

Background Data Summary (based on natural log transformation): Mean=3.018, Std. Dev.=0.183, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8364, critical = 0.829. Report alpha = 0.000702. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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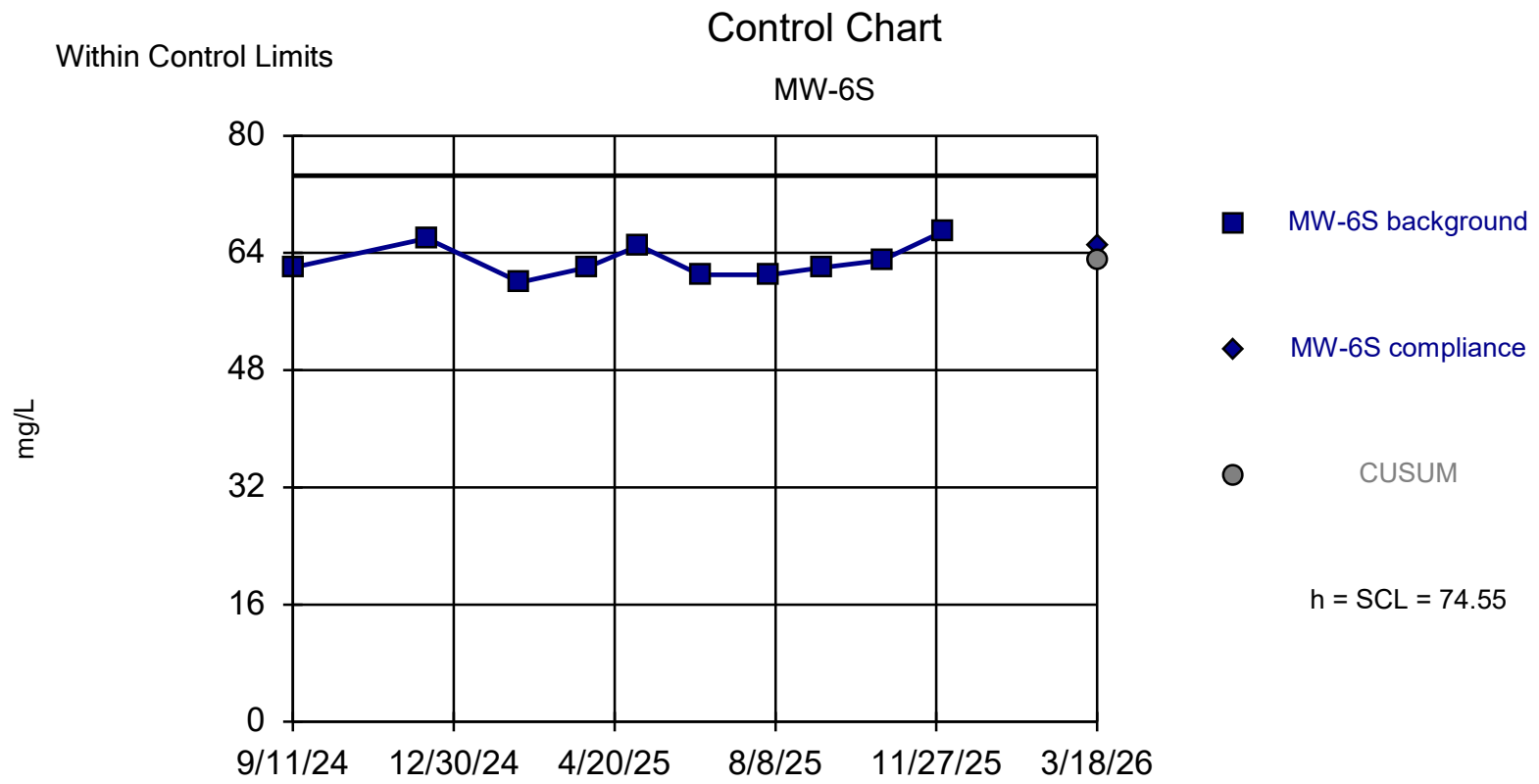
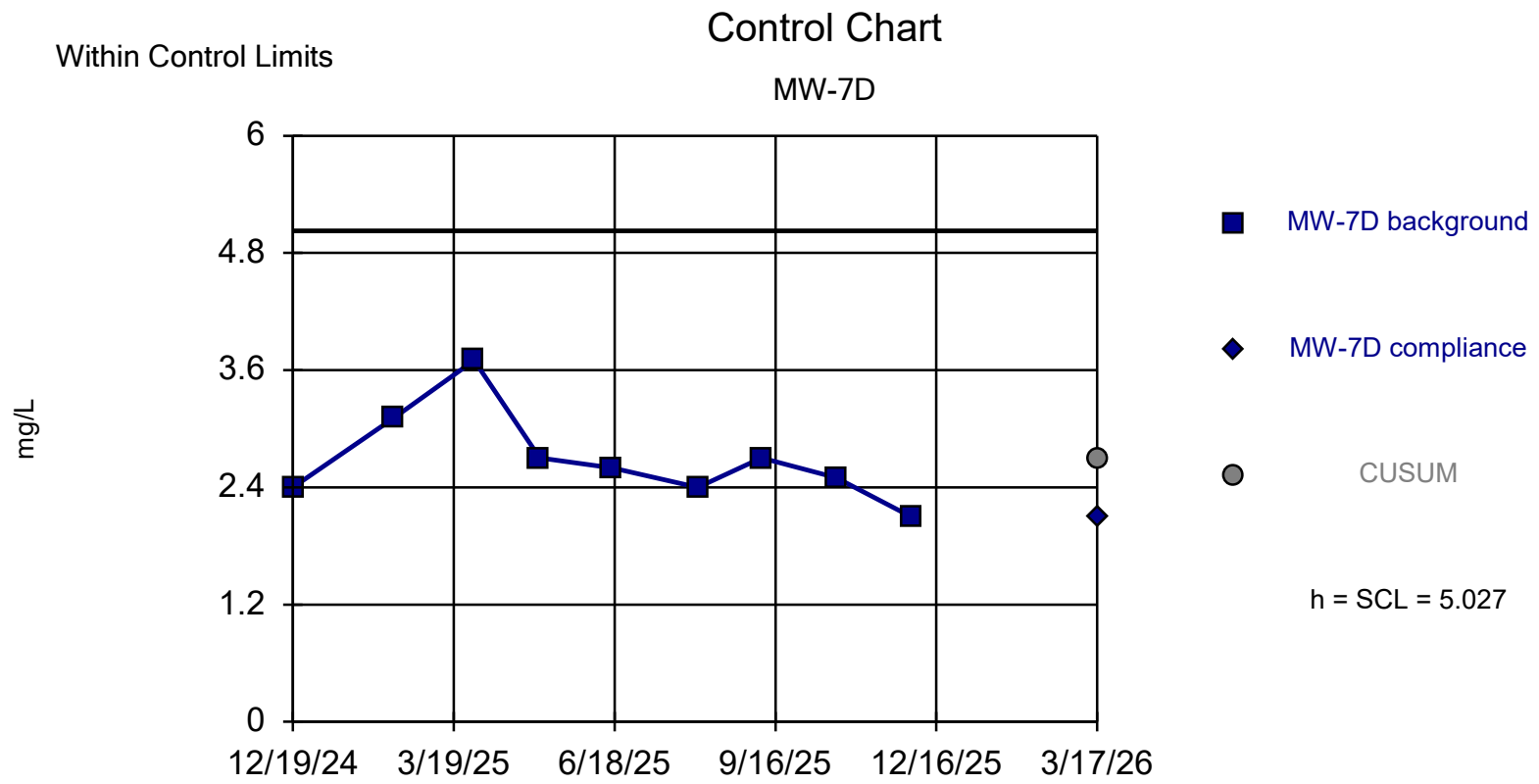


Background Data Summary: Mean=62.9, Std. Dev.=2.331, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9021, critical = 0.842. Report alpha = 0.000502. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

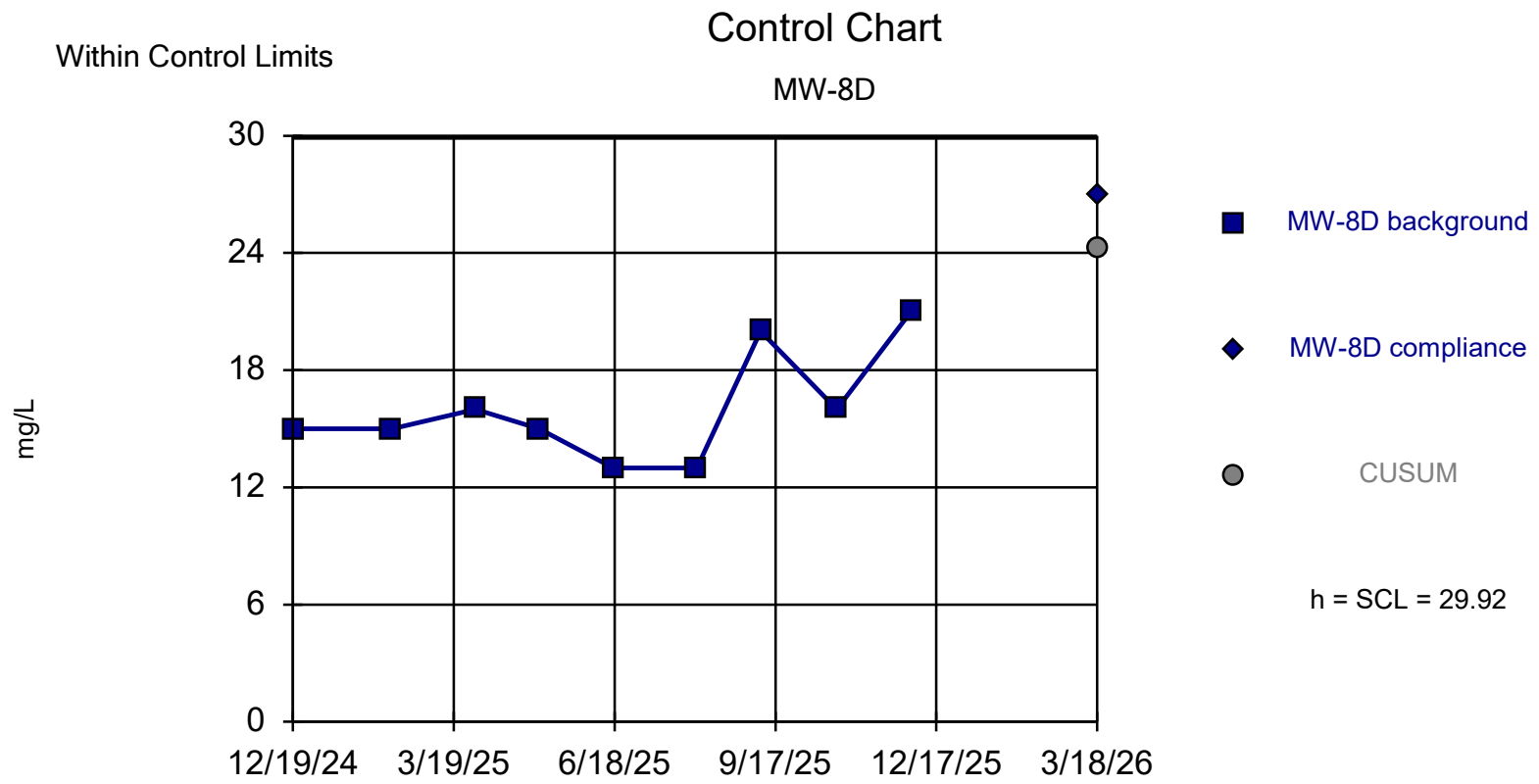
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=2.689, Std. Dev.=0.4676, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8897, critical = 0.829. Report alpha = 0.000692. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=16, Std. Dev.=2.784, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8533, critical = 0.829. Report alpha = 0.000692. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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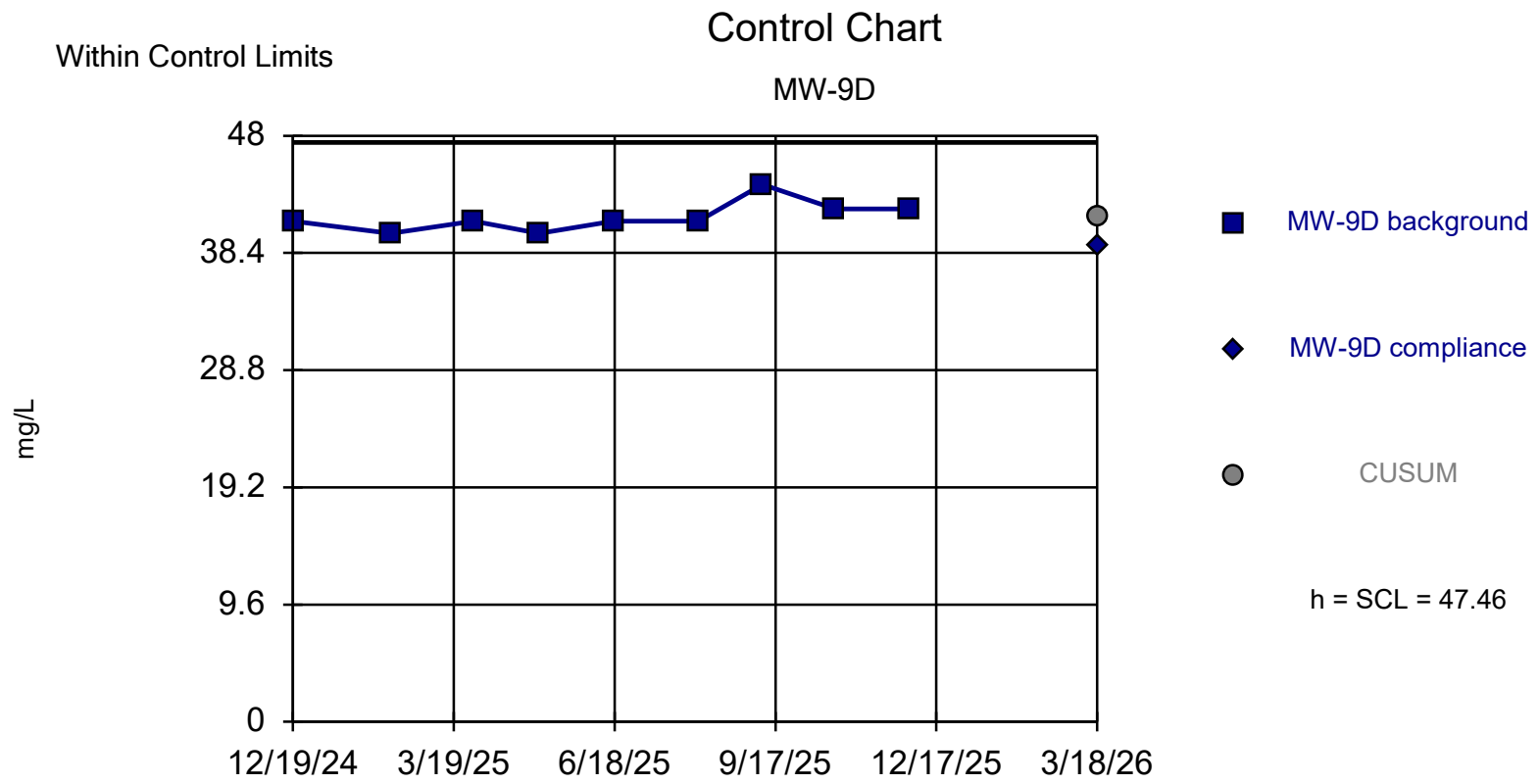

Background Data Summary: Mean=41.33, Std. Dev.=1.225, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8542, critical = 0.829. Report alpha = 0.000692. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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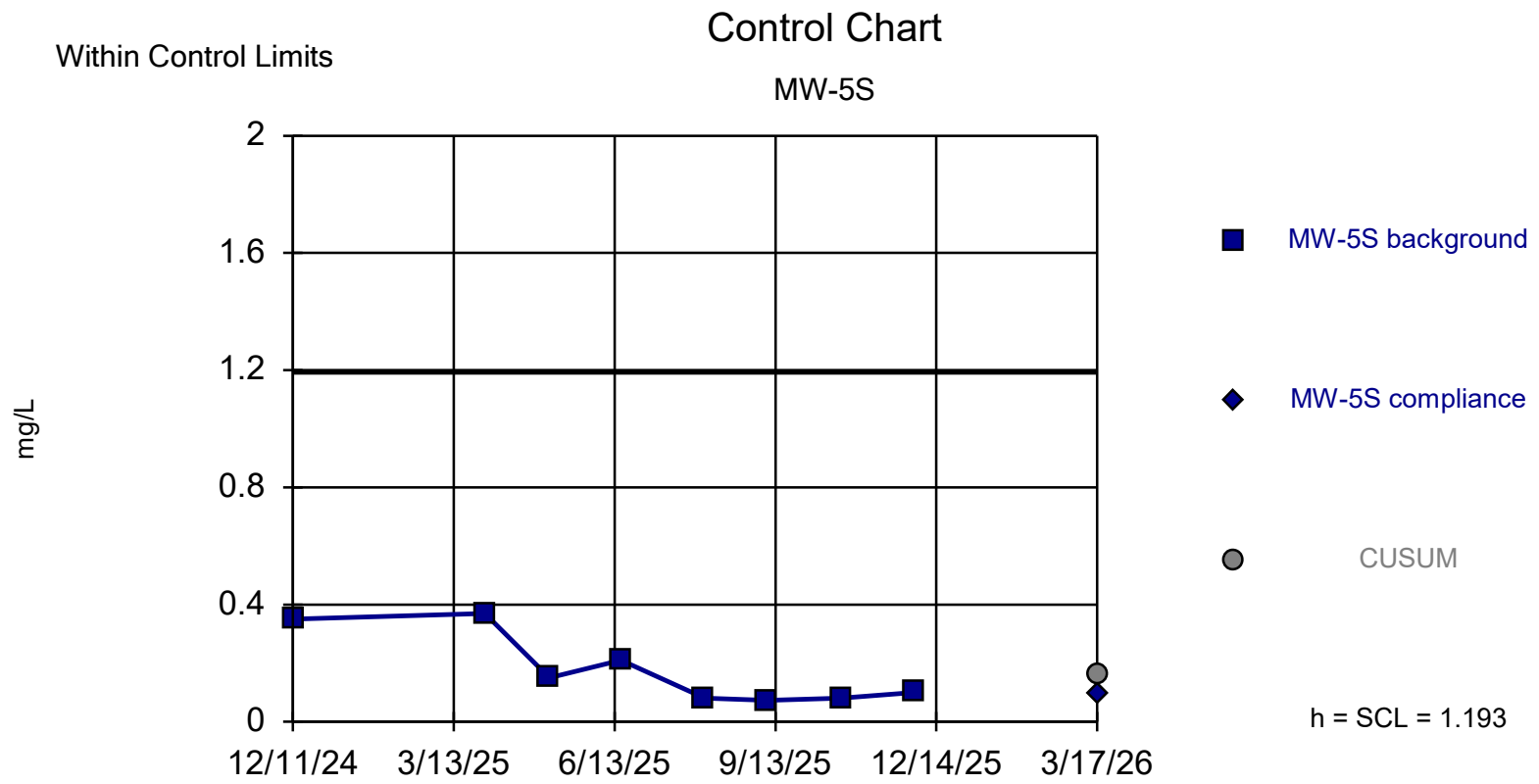

Background Data Summary (based on square root transformation): Mean=0.4001, Std. Dev.=0.1384, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8416, critical = 0.818. Report alpha = 0.00102. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Iron, Dissolved Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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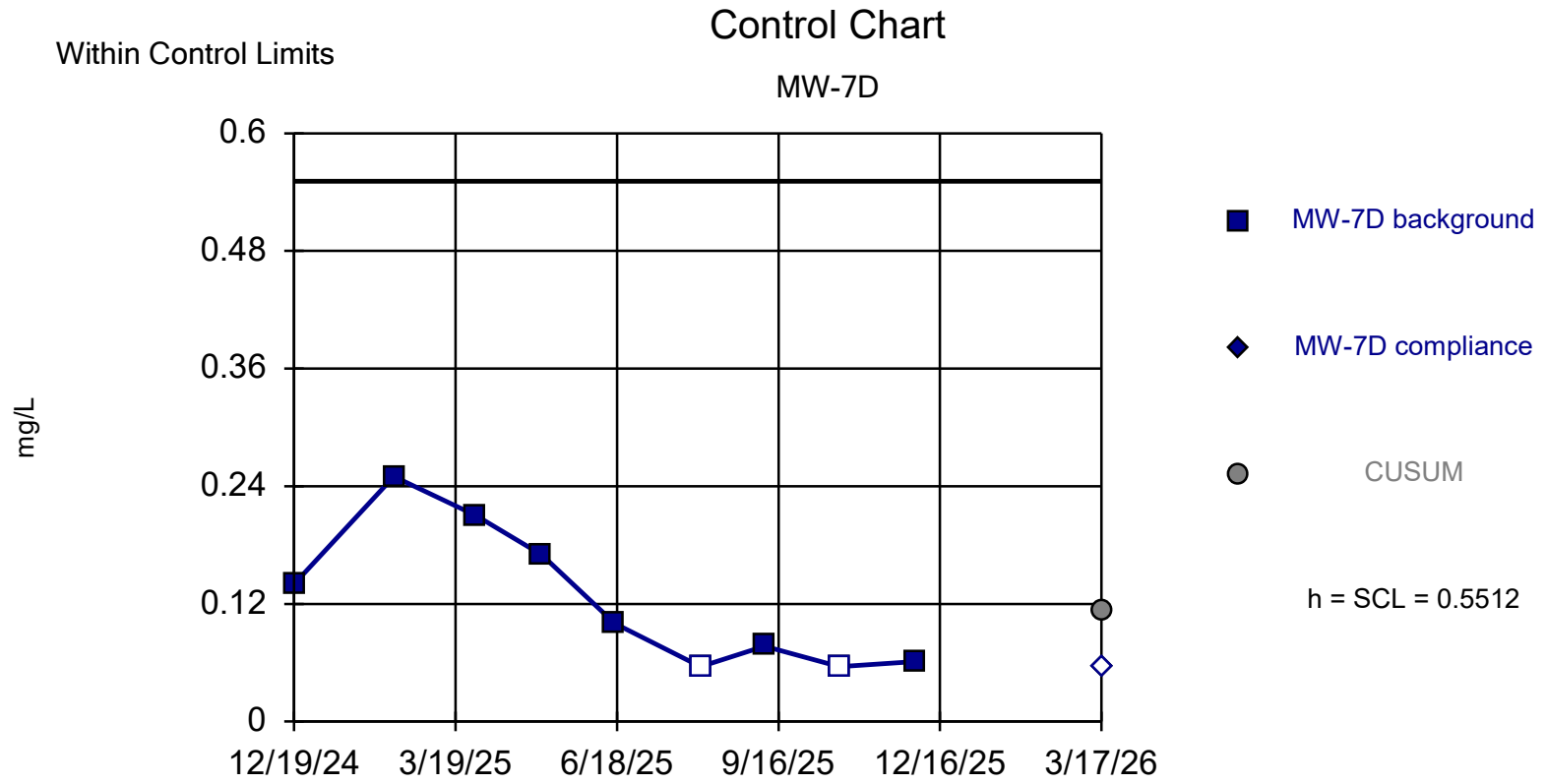
Hollow symbols indicate censored values.



Background Data Summary (after Cohen`s Adjustment): Mean=0.1126, Std. Dev.=0.08772, n=9, 22.22% NDs. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8824, critical = 0.829. Report alpha = 0.000802. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Iron, Dissolved Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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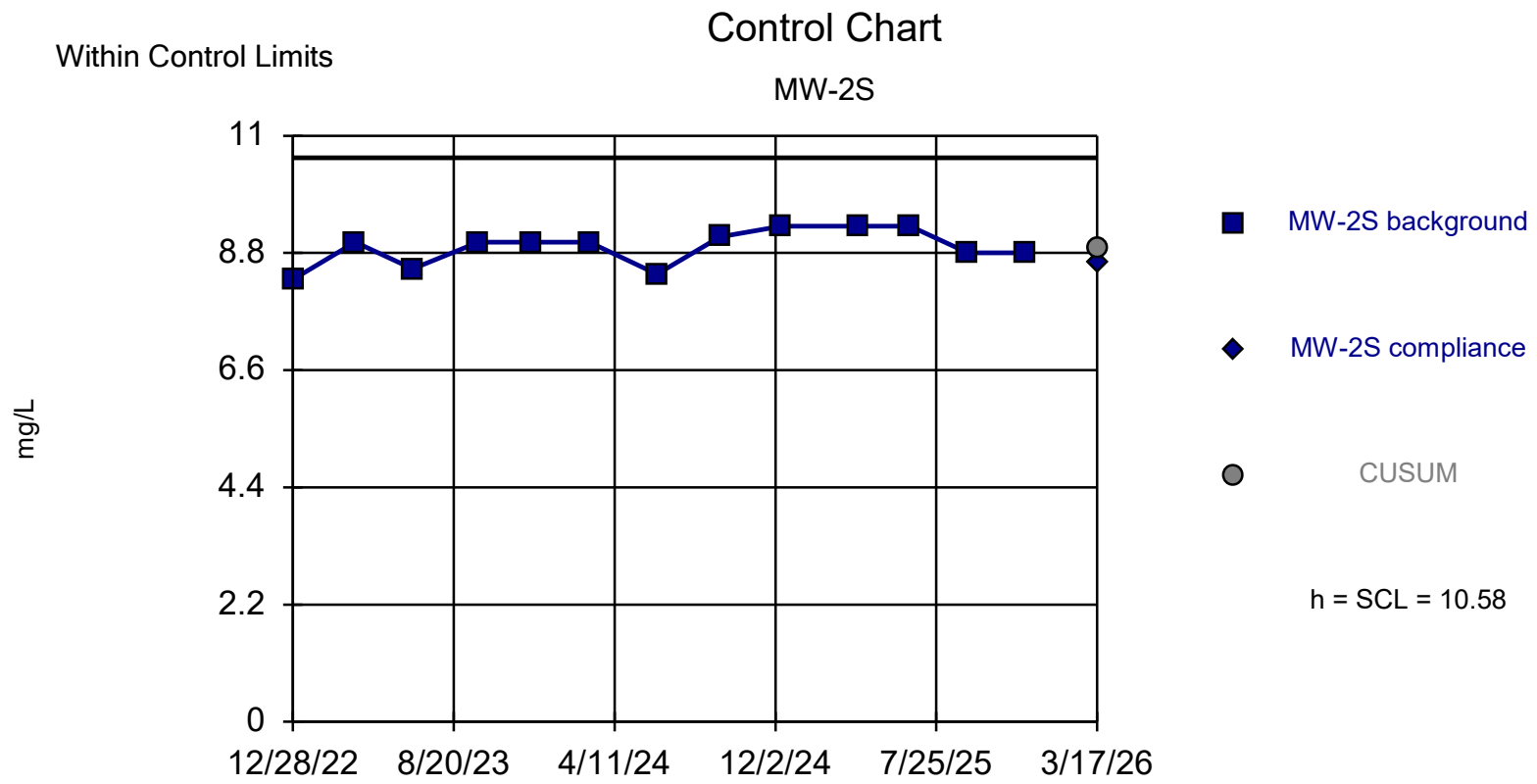

Background Data Summary: Mean=8.908, Std. Dev.=0.3353, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8989, critical = 0.866. Report alpha = 0.000212. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 6/14/2026 7:01 PM View: 2022-2025 background for 20

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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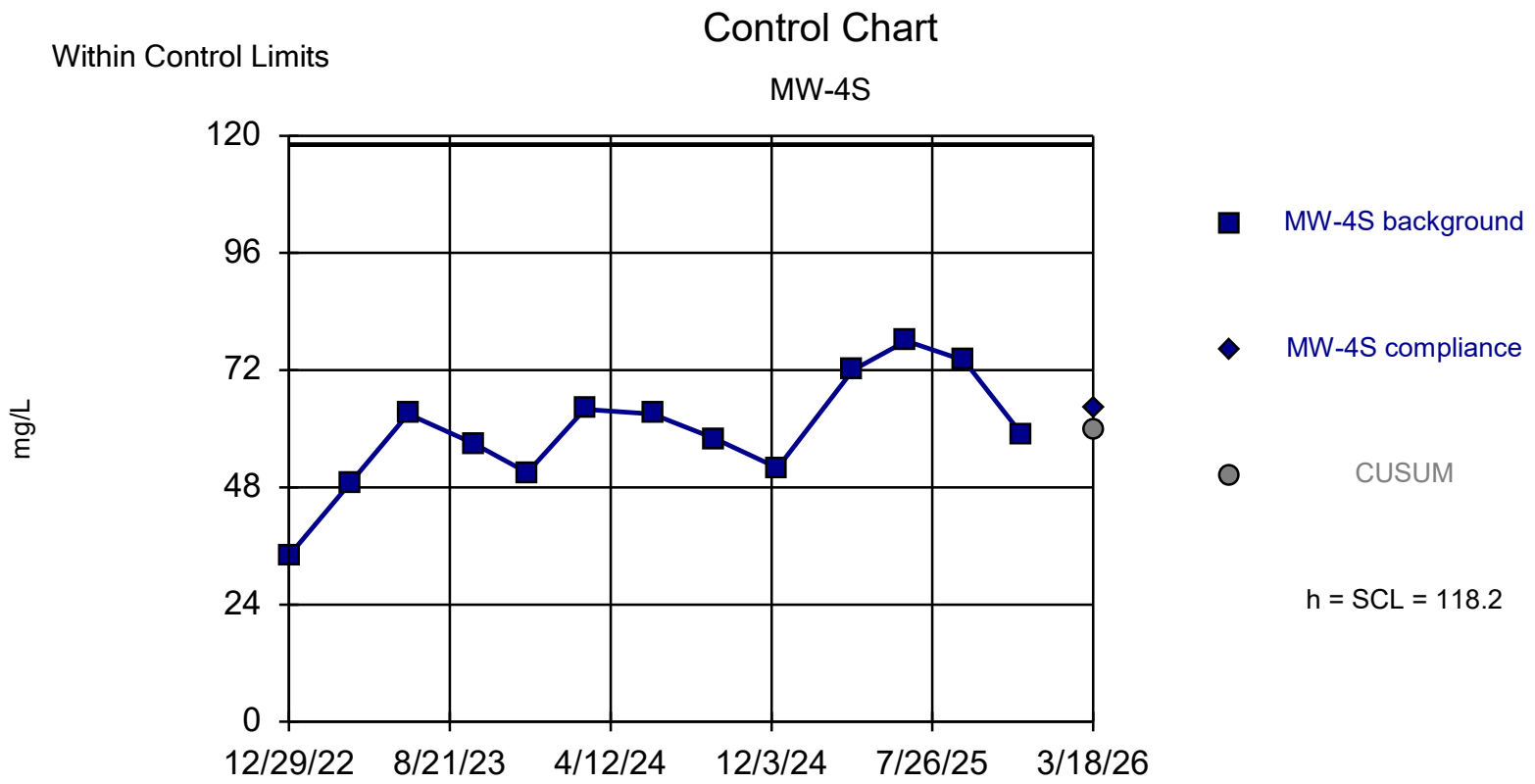

Background Data Summary: Mean=59.54, Std. Dev.=11.73, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9658, critical = 0.866. Report alpha = 0.000212. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 6/14/2026 7:01 PM View: 2022-2025 background for 20

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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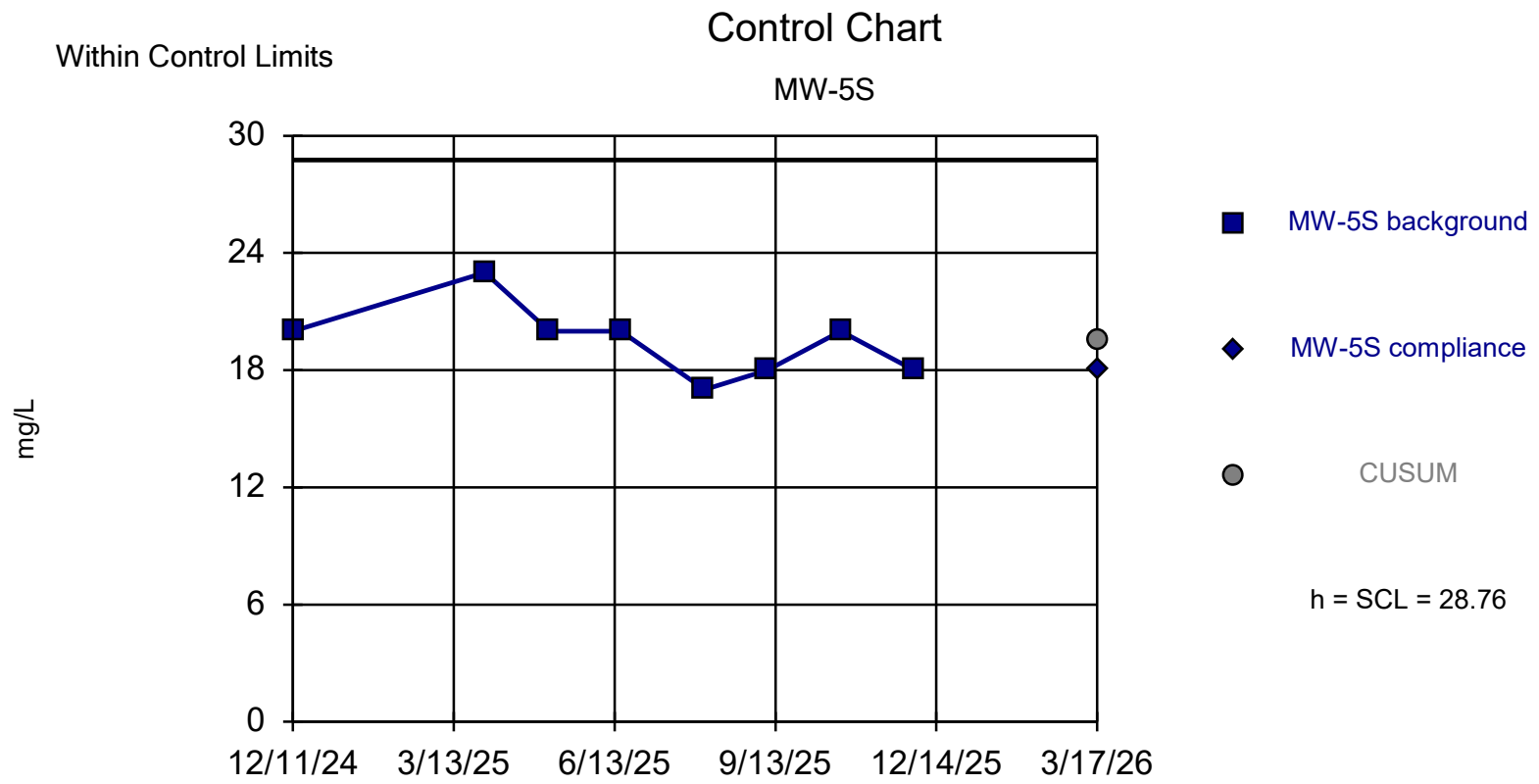

Background Data Summary: Mean=19.5, Std. Dev.=1.852, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8865, critical = 0.818. Report alpha = 0.001058. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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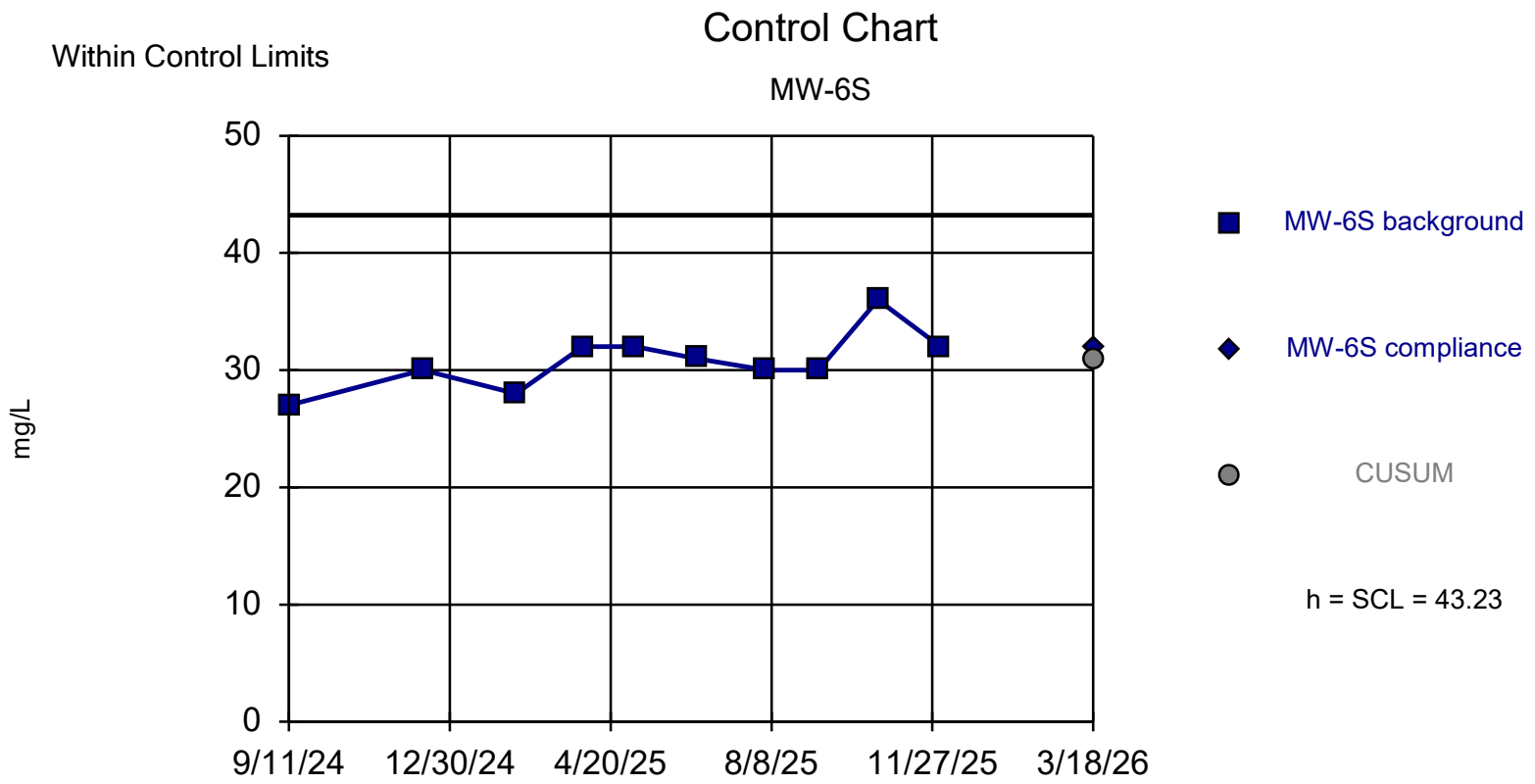
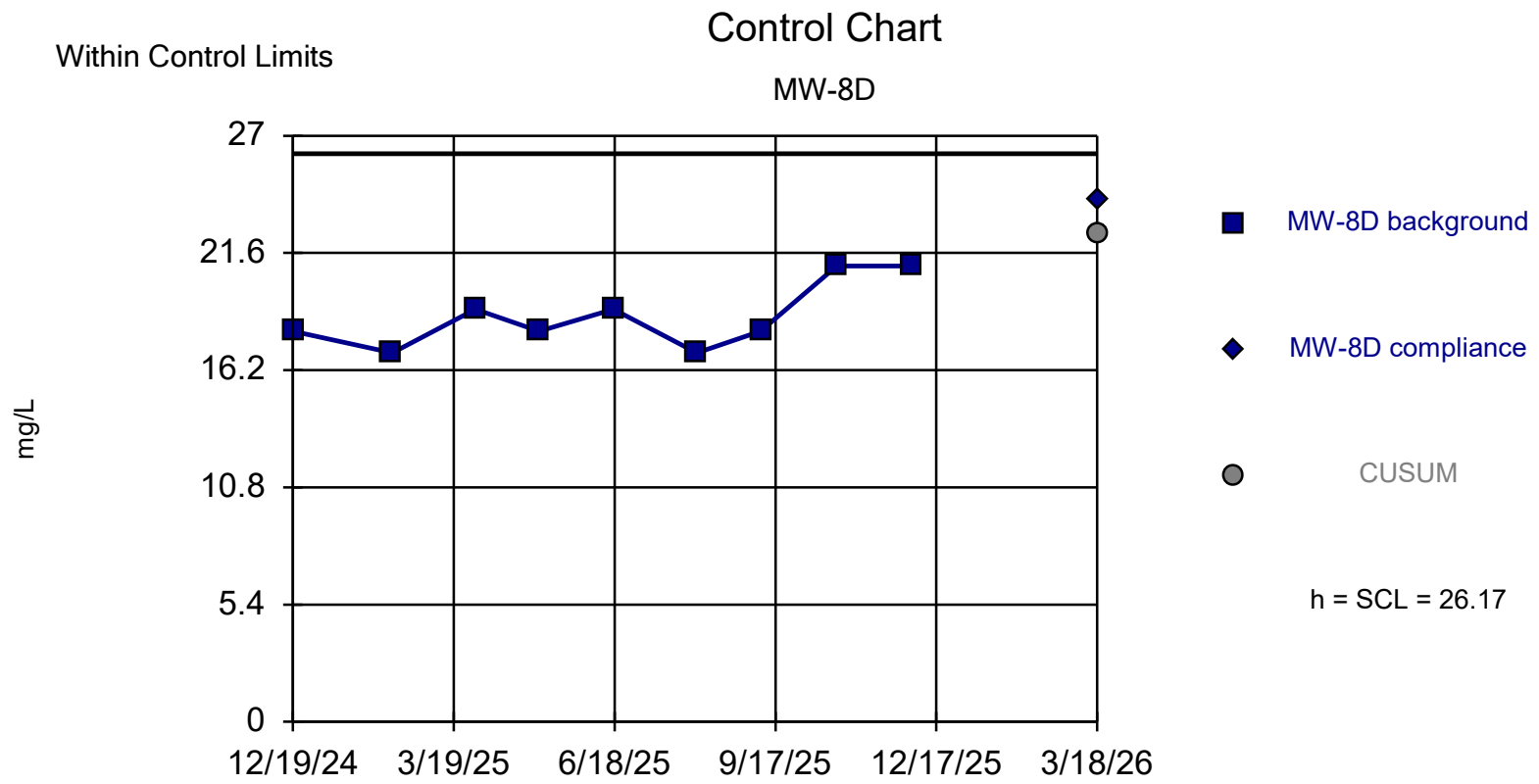


Background Data Summary: Mean=30.8, Std. Dev.=2.486, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9309, critical = 0.842. Report alpha = 0.000538. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=18.67, Std. Dev.=1.5, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8647, critical = 0.829. Report alpha = 0.000692. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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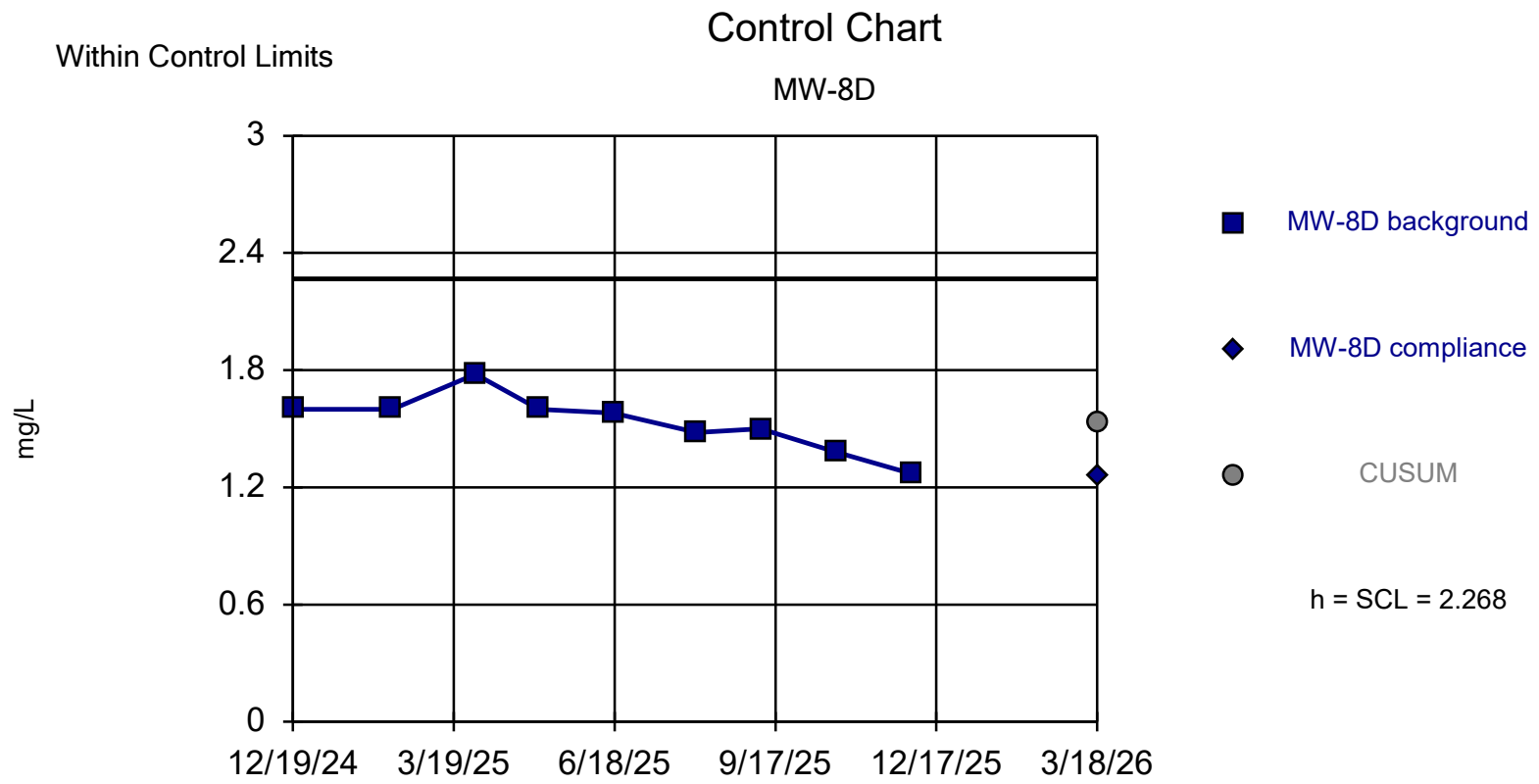

Background Data Summary: Mean=1.532, Std. Dev.=0.1471, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9465, critical = 0.829. Report alpha = 0.000692. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Nitrate Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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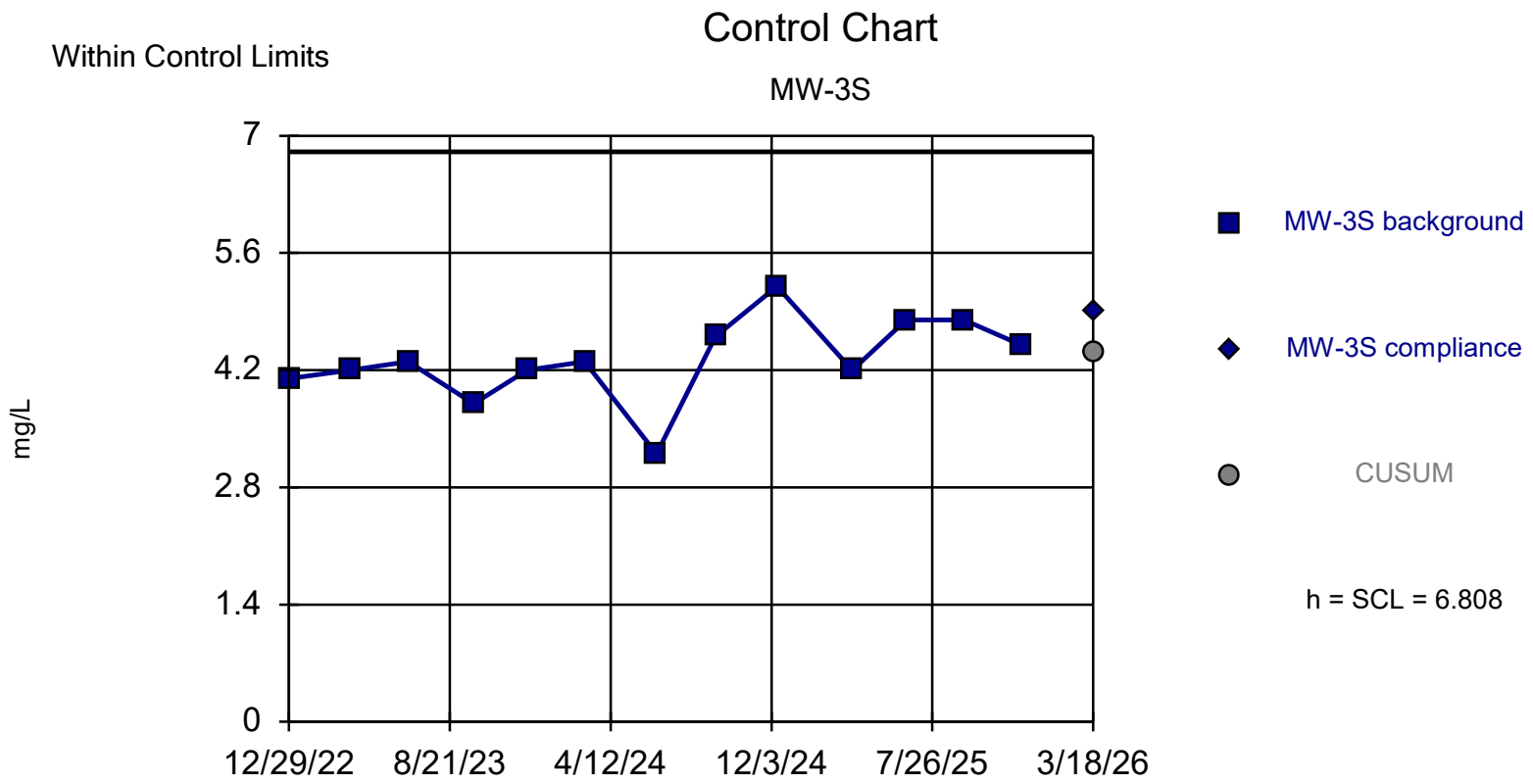

Background Data Summary: Mean=4.323, Std. Dev.=0.4969, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.866. Report alpha = 0.000212. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 6/14/2026 7:01 PM View: 2022-2025 background for 202

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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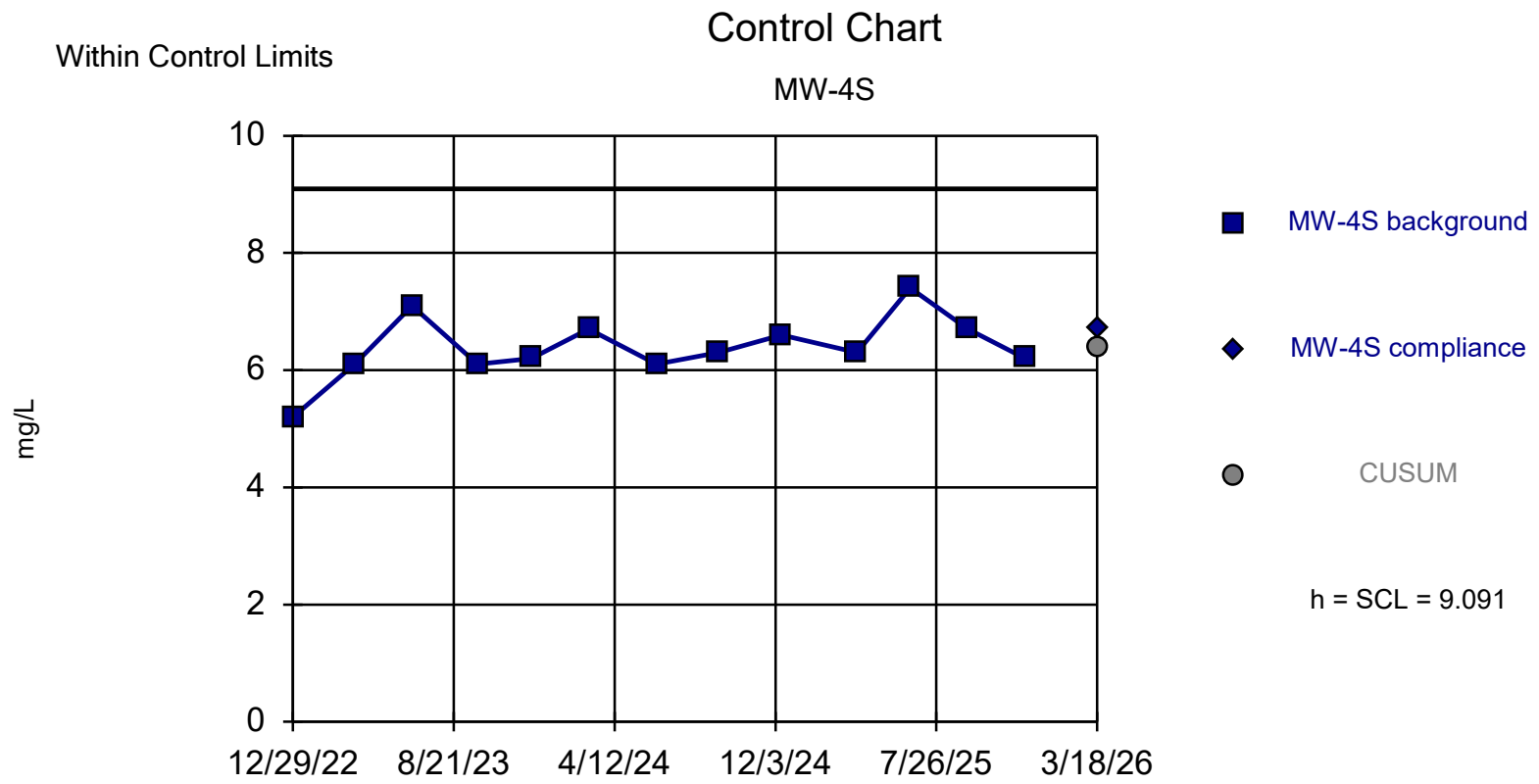

Background Data Summary: Mean=6.385, Std. Dev.=0.5414, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.866. Report alpha = 0.000212. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 6/14/2026 7:01 PM View: 2022-2025 background for 202

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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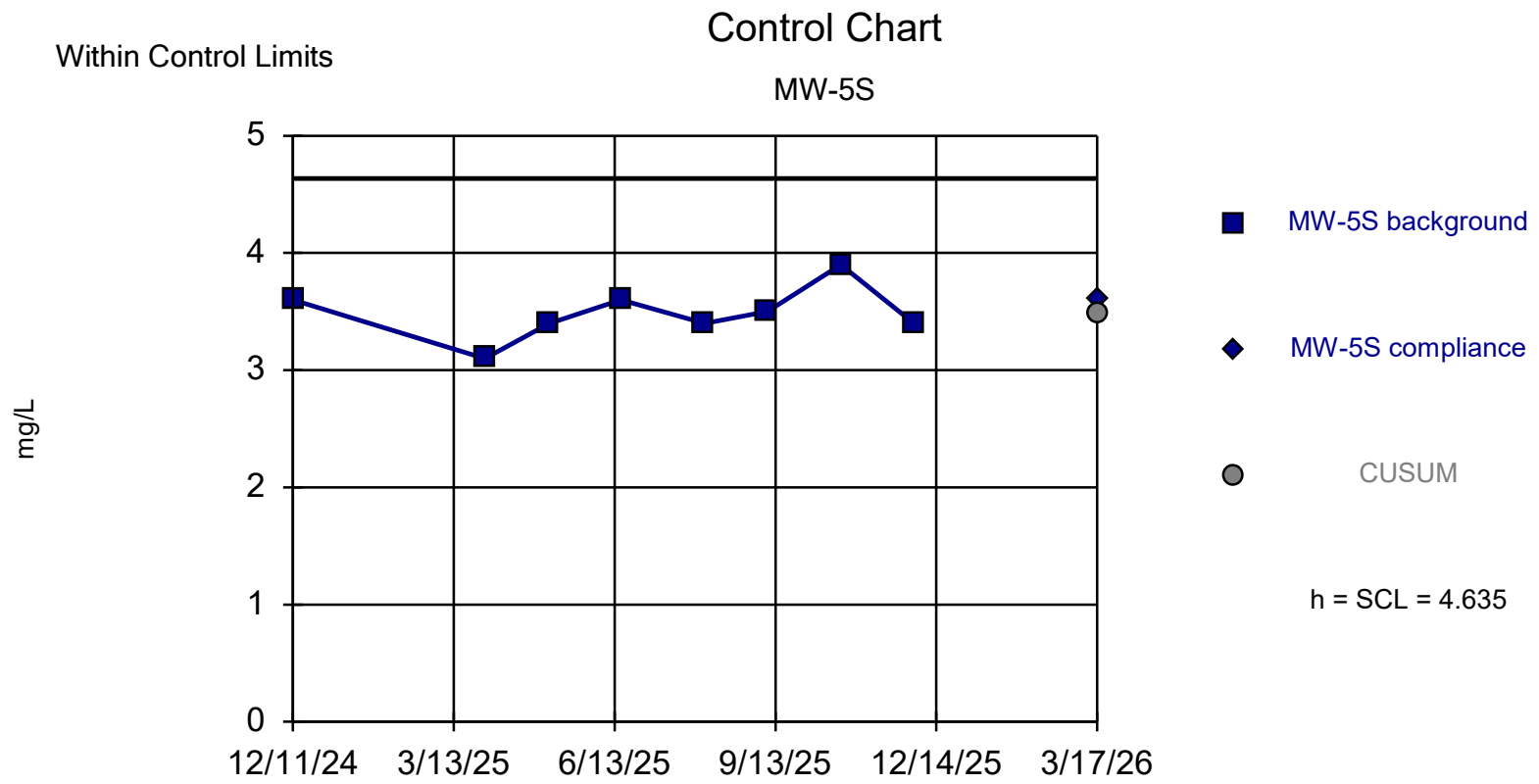

Background Data Summary: Mean=3.488, Std. Dev.=0.2295, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9373, critical = 0.818. Report alpha = 0.001104. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 6/14/2026 7:06 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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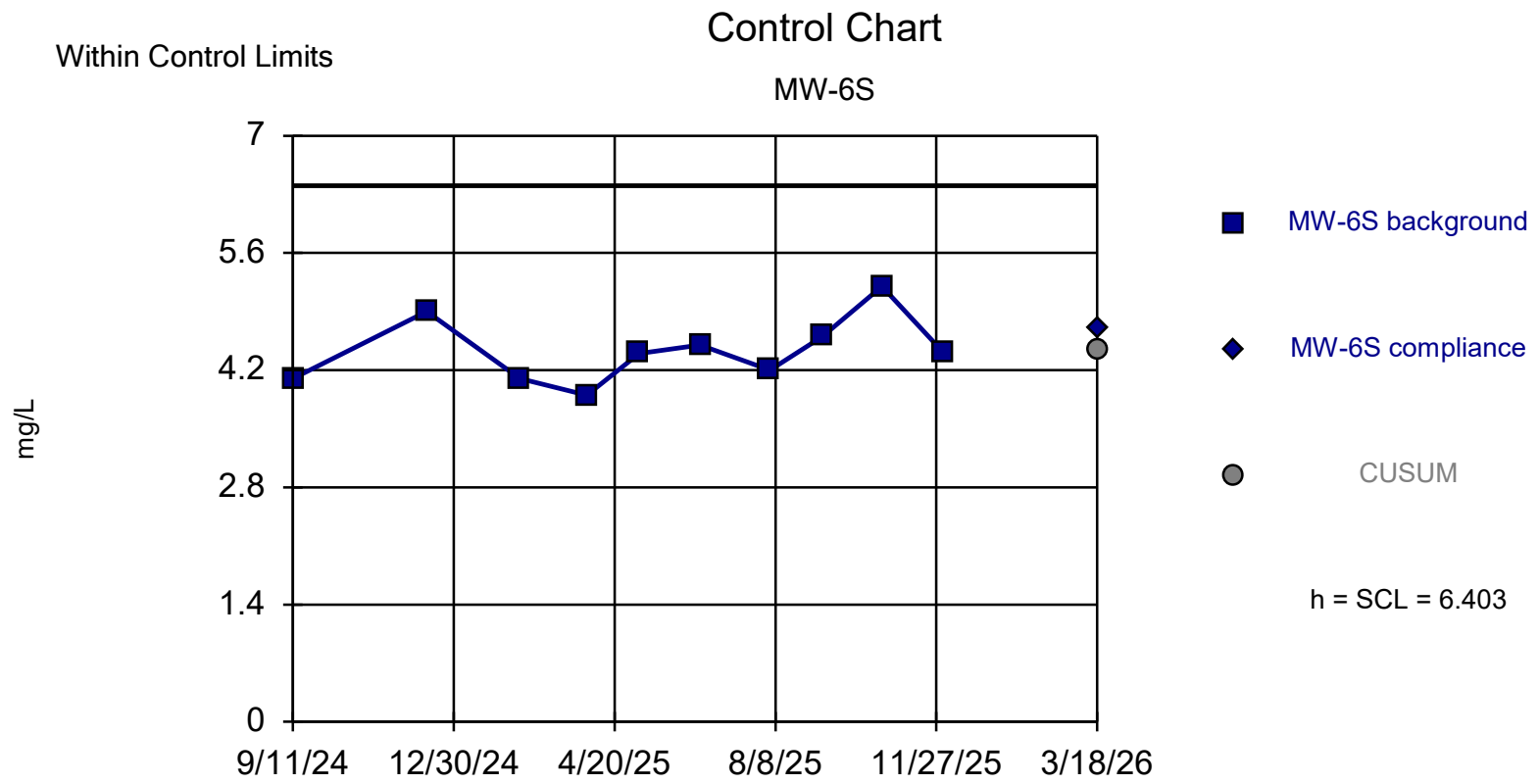

Background Data Summary: Mean=4.43, Std. Dev.=0.3945, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9491, critical = 0.842. Report alpha = 0.000502. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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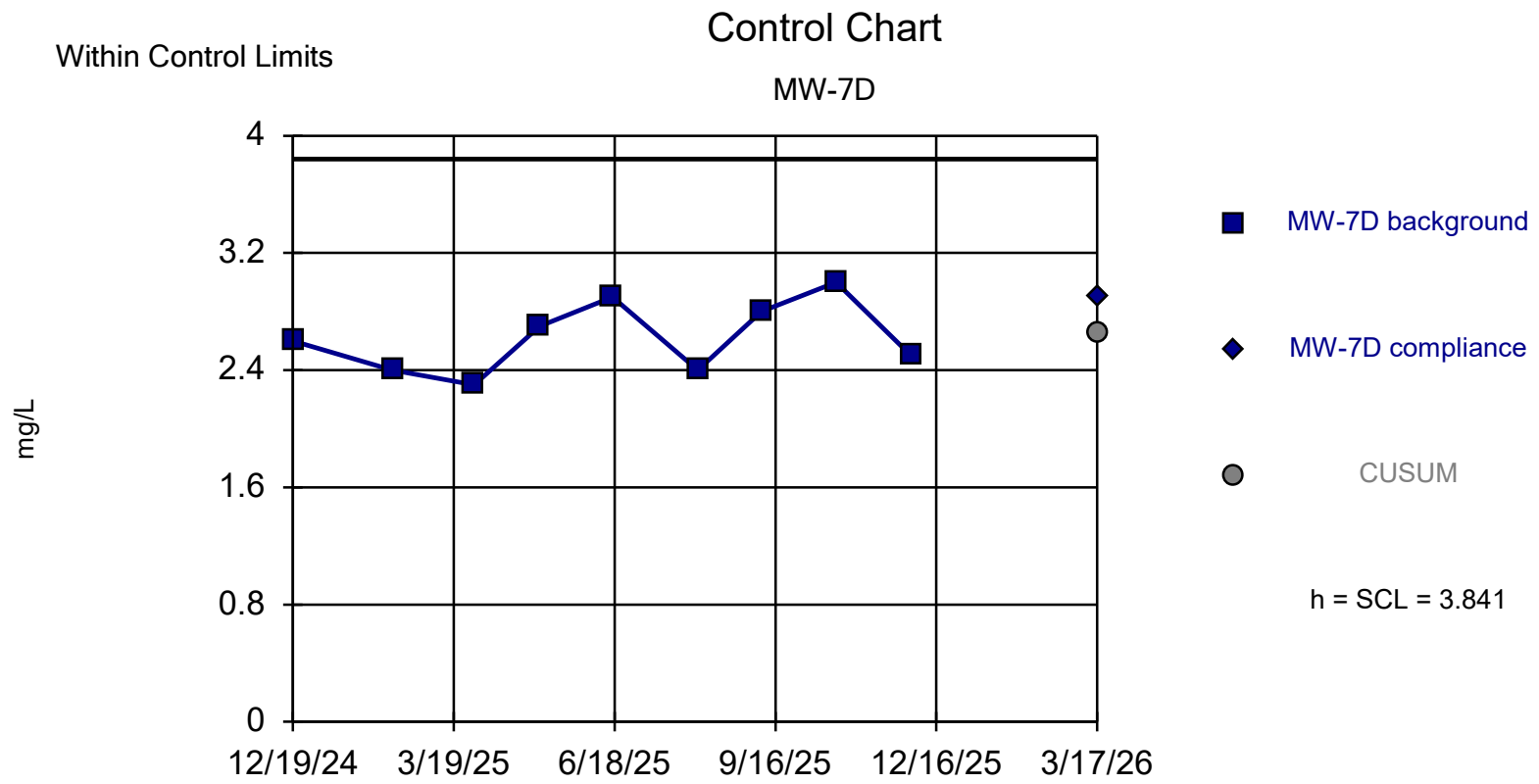

Background Data Summary: Mean=2.622, Std. Dev.=0.2438, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9506, critical = 0.829. Report alpha = 0.00073. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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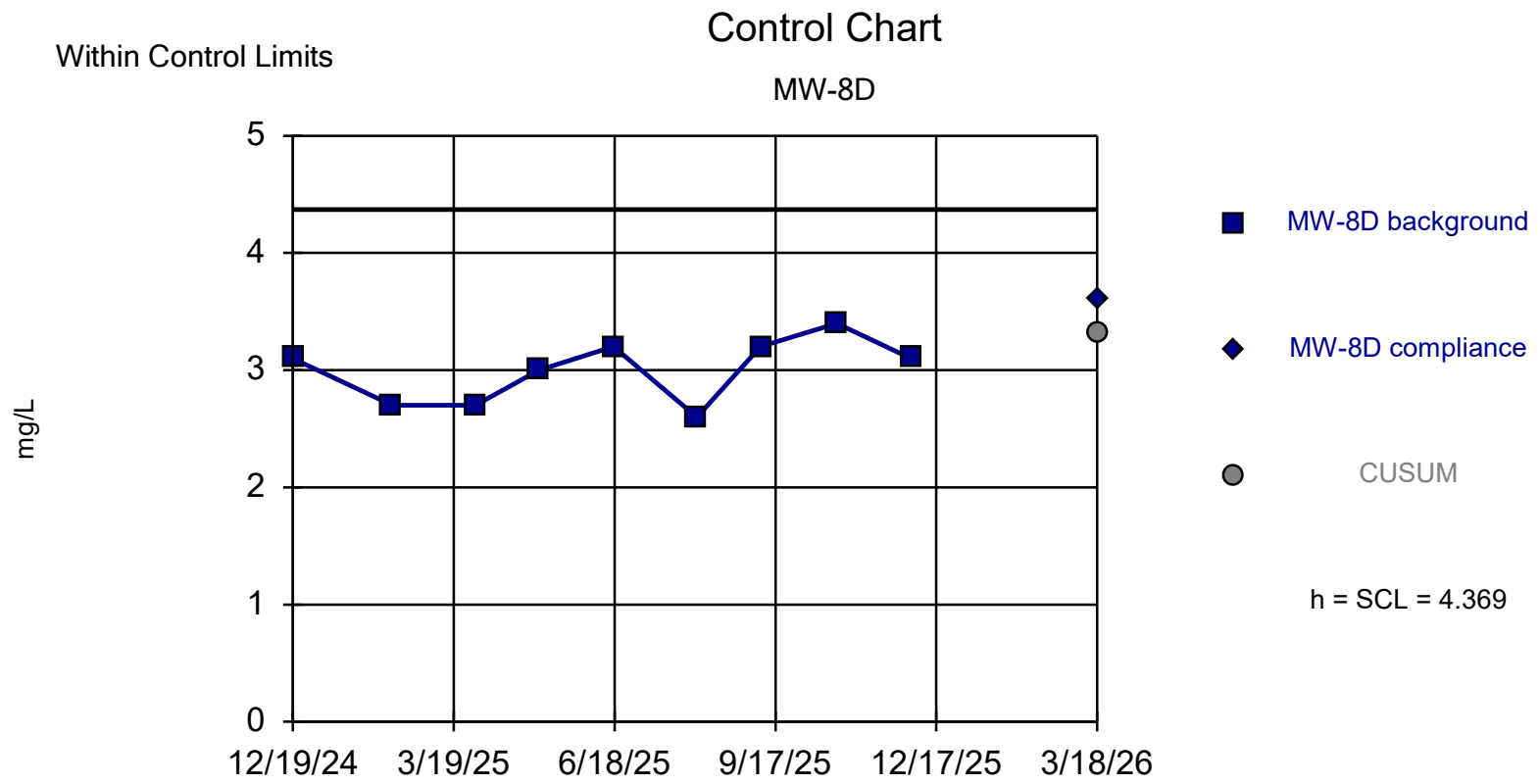
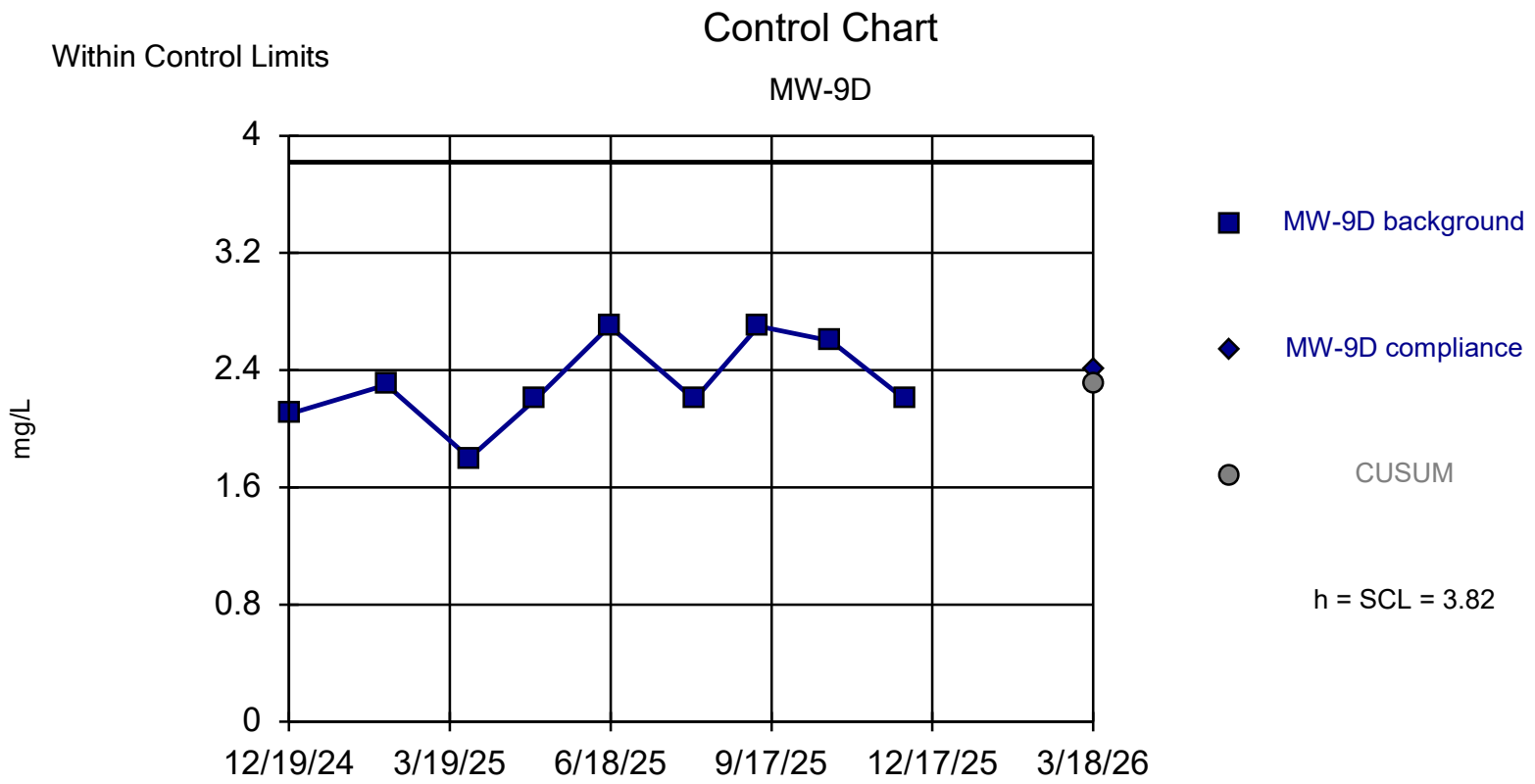


Background Data Summary: Mean=3, Std. Dev.=0.2739, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9164, critical = 0.829. Report alpha = 0.00073. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=2.311, Std. Dev.=0.3018, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.907, critical = 0.829. Report alpha = 0.00073. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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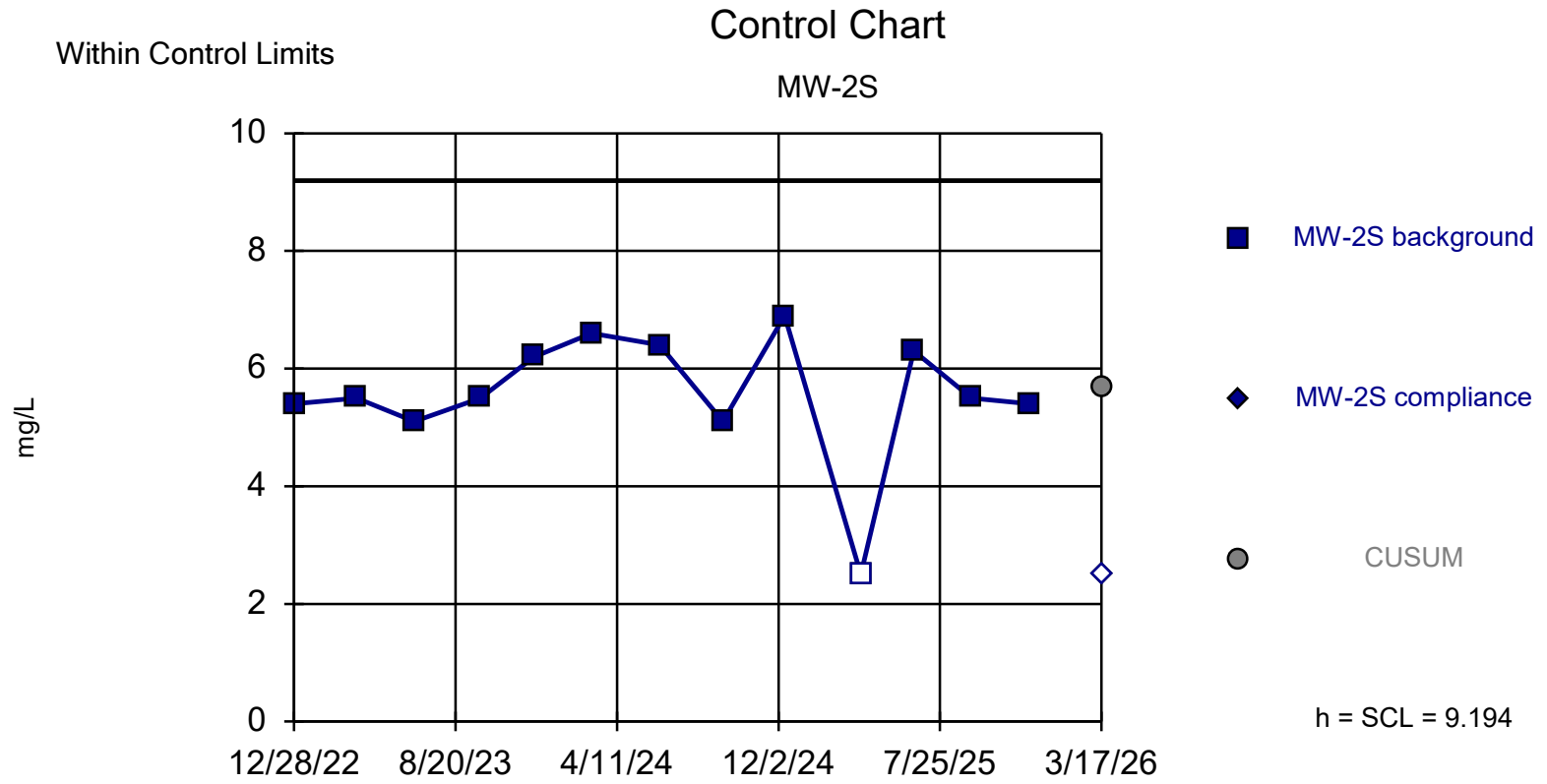
Hollow symbols indicate censored values.



Background Data Summary (based on square transformation): Mean=32.12, Std. Dev.=10.48, n=13, 7.692% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.899, critical = 0.866. Report alpha = 0.000212. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 6/14/2026 7:02 PM View: 2022-2025 background for 2026 UPLs, Contr

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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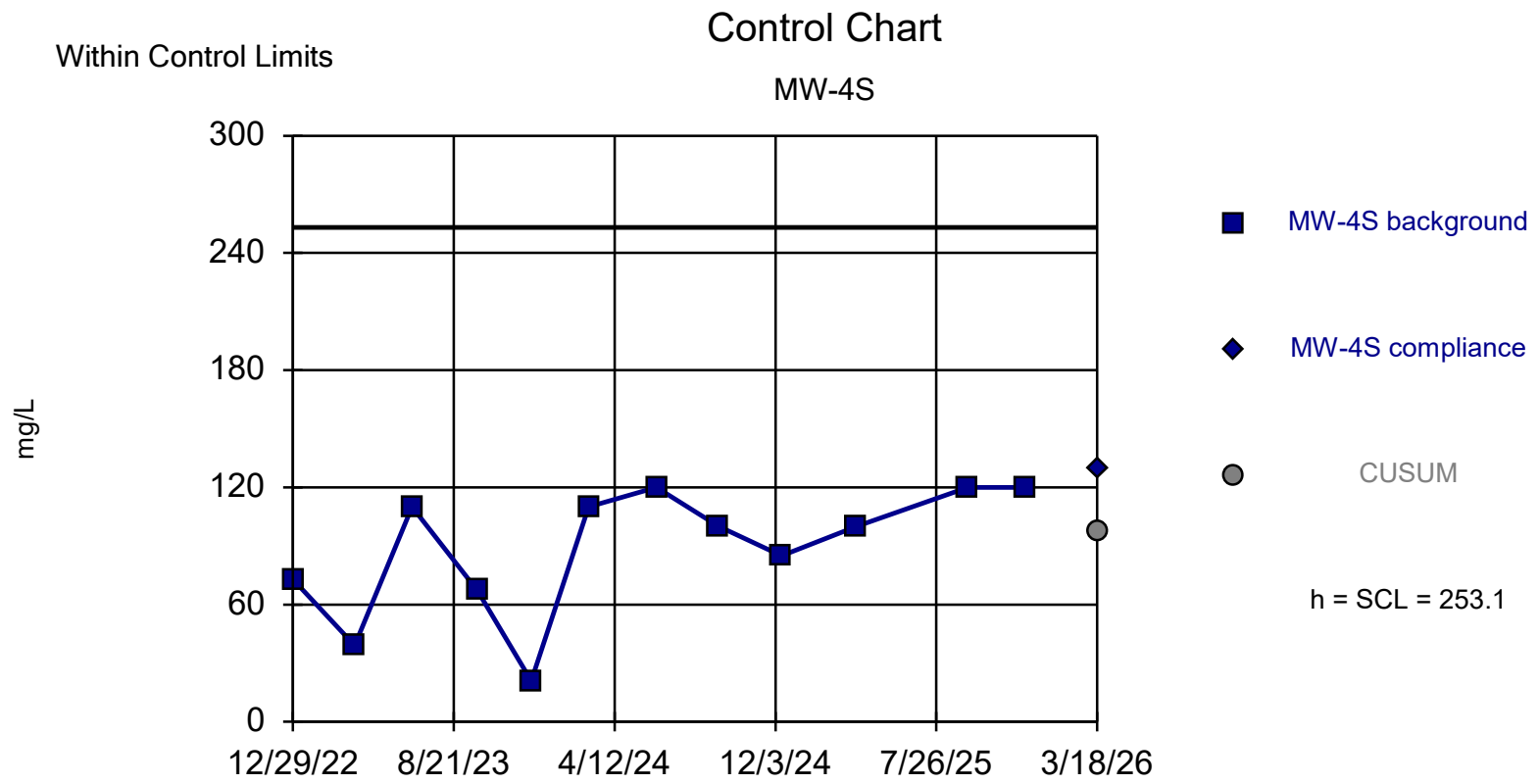

Background Data Summary: Mean=88.75, Std. Dev.=32.87, n=12. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.871, critical = 0.859. Report alpha = 0.000276. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 6/14/2026 7:02 PM View: 2022-2025 background for 2026 UPLs, Contr

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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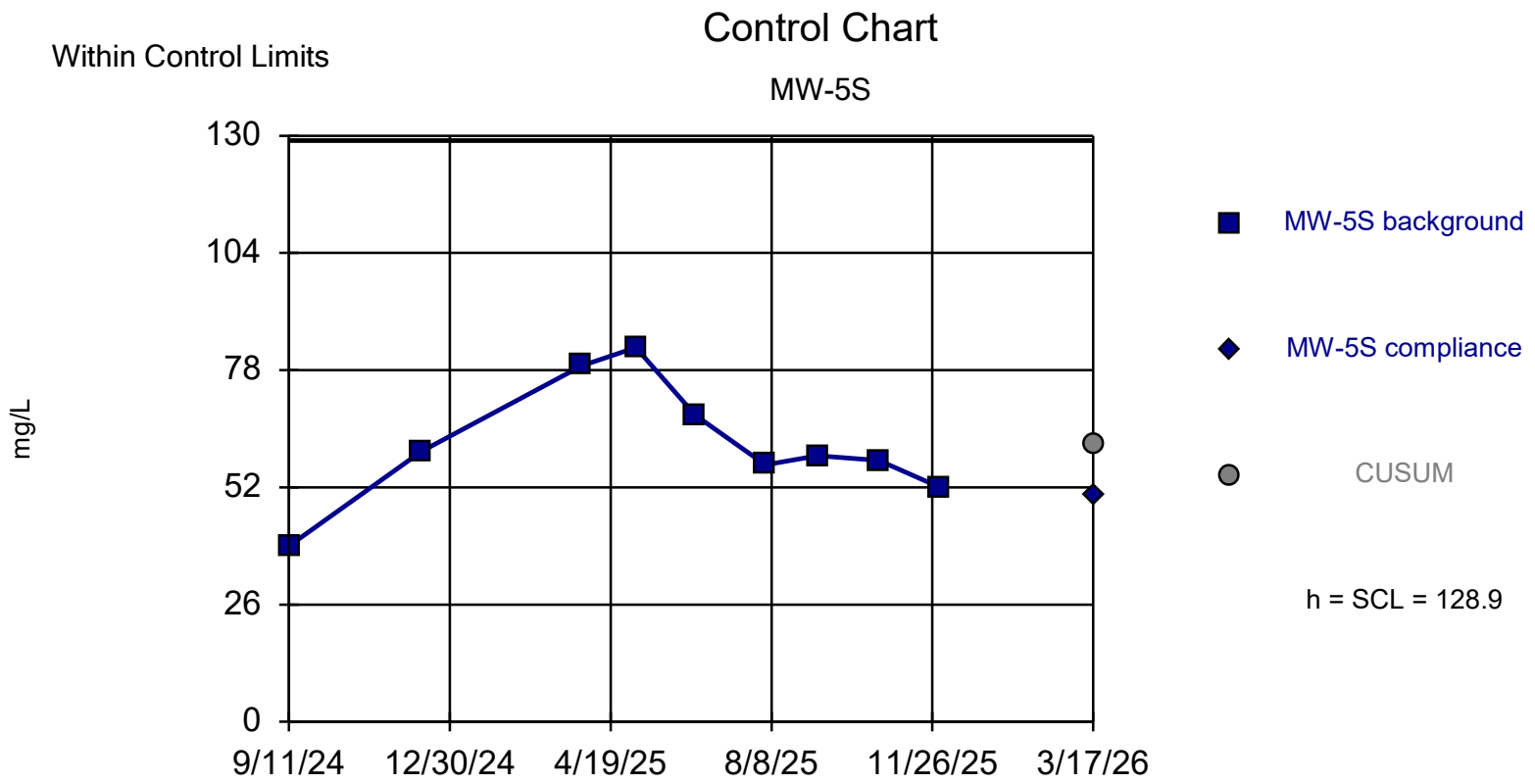

Background Data Summary: Mean=61.67, Std. Dev.=13.45, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9469, critical = 0.829. Report alpha = 0.00073. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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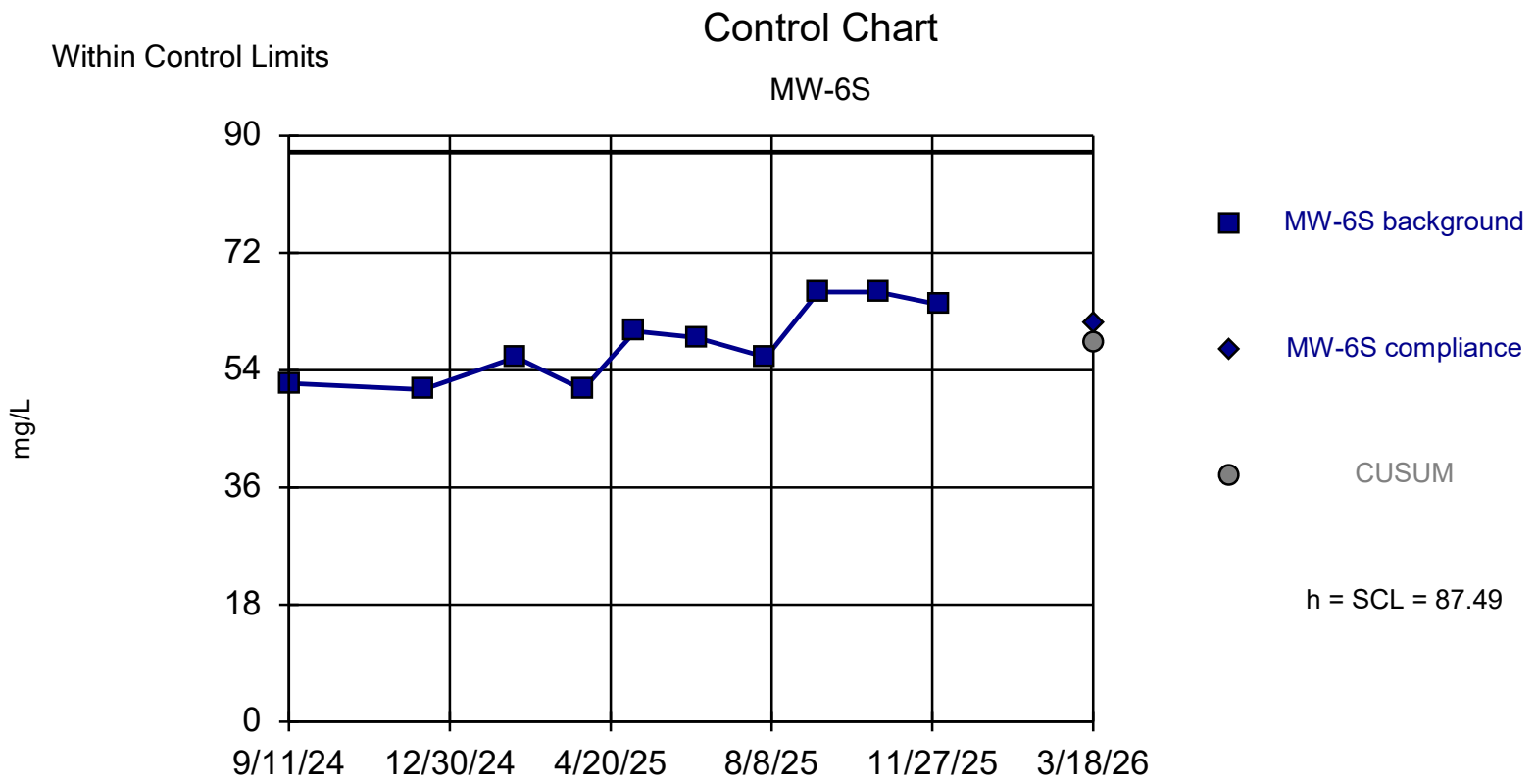

Background Data Summary: Mean=58.1, Std. Dev.=5.877, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8996, critical = 0.842. Report alpha = 0.00048. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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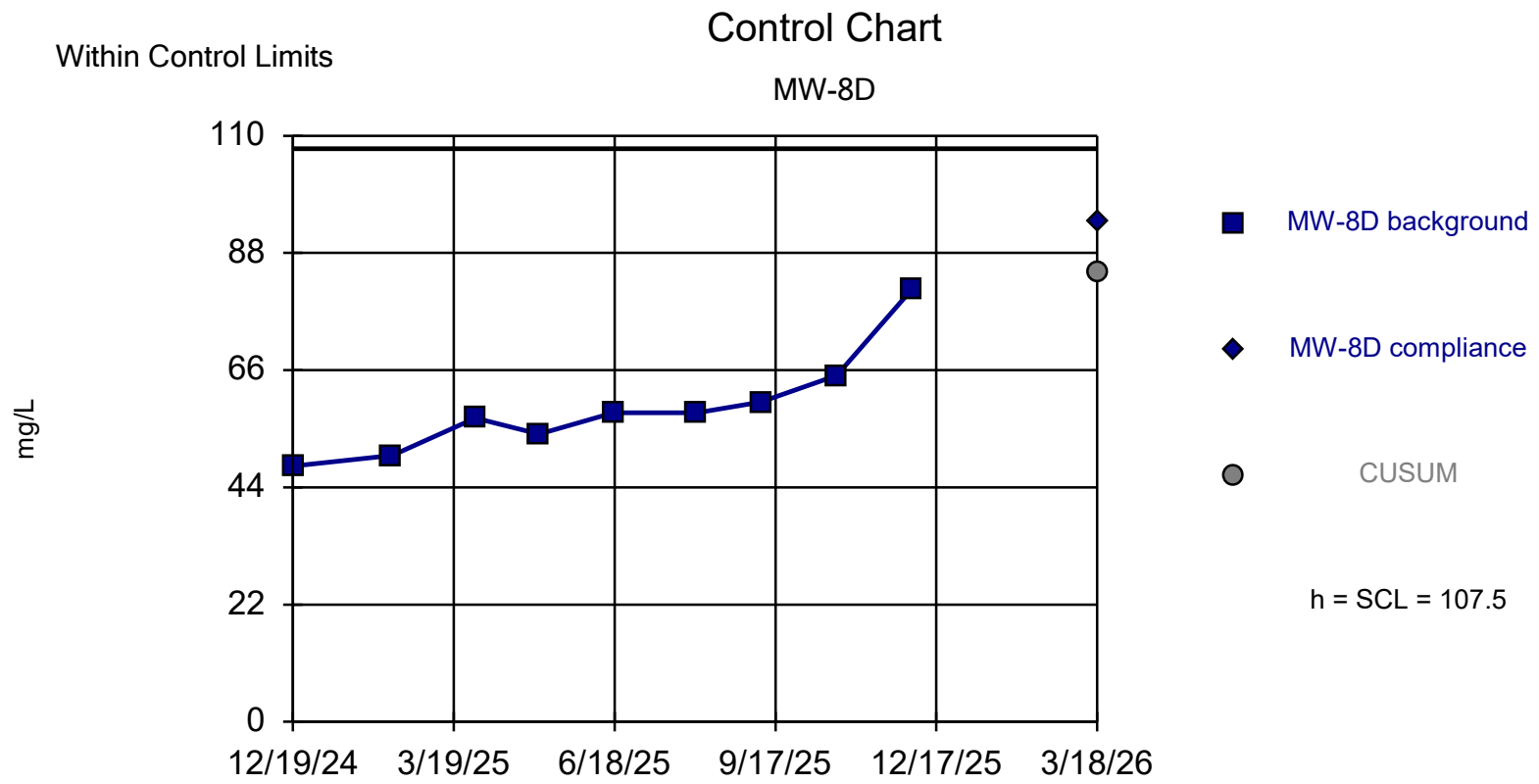

Background Data Summary: Mean=59, Std. Dev.=9.708, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8676, critical = 0.829. Report alpha = 0.000726. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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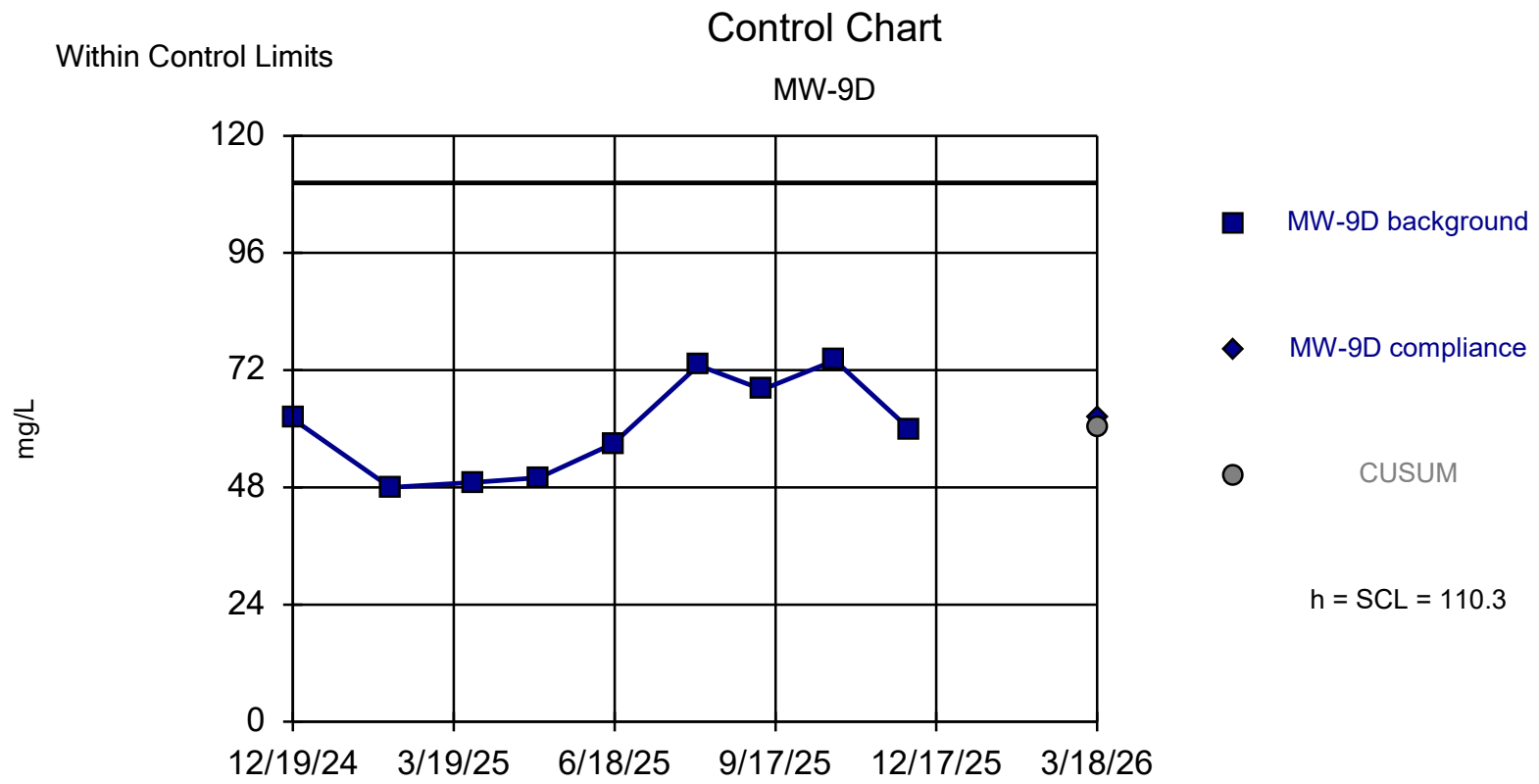

Background Data Summary: Mean=60.11, Std. Dev.=10.04, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9118, critical = 0.829. Report alpha = 0.000726. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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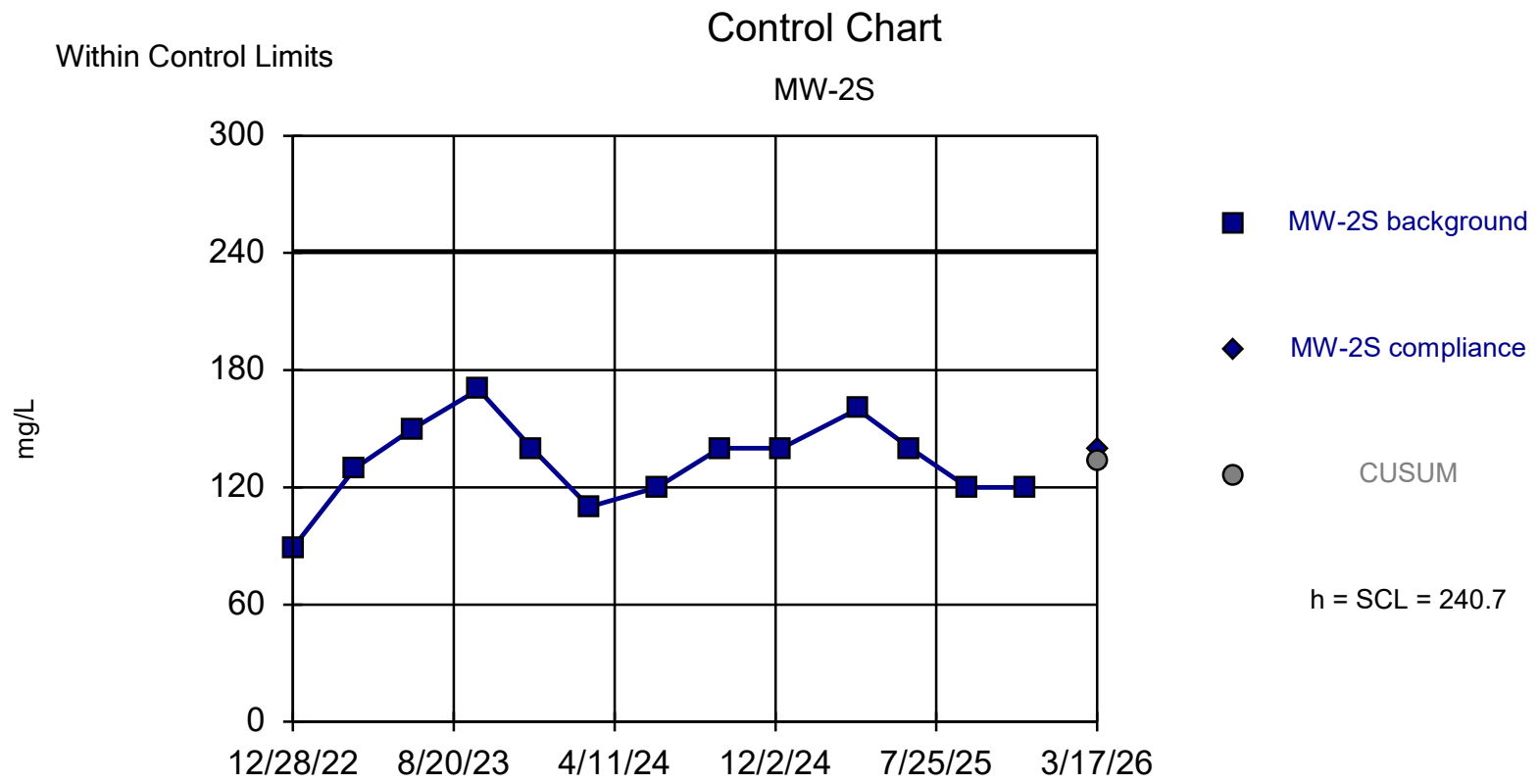

Background Data Summary: Mean=133, Std. Dev.=21.53, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9688, critical = 0.866. Report alpha = 0.000206. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 6/14/2026 7:02 PM View: 2022-2025 background for 2026 UPLs, Control

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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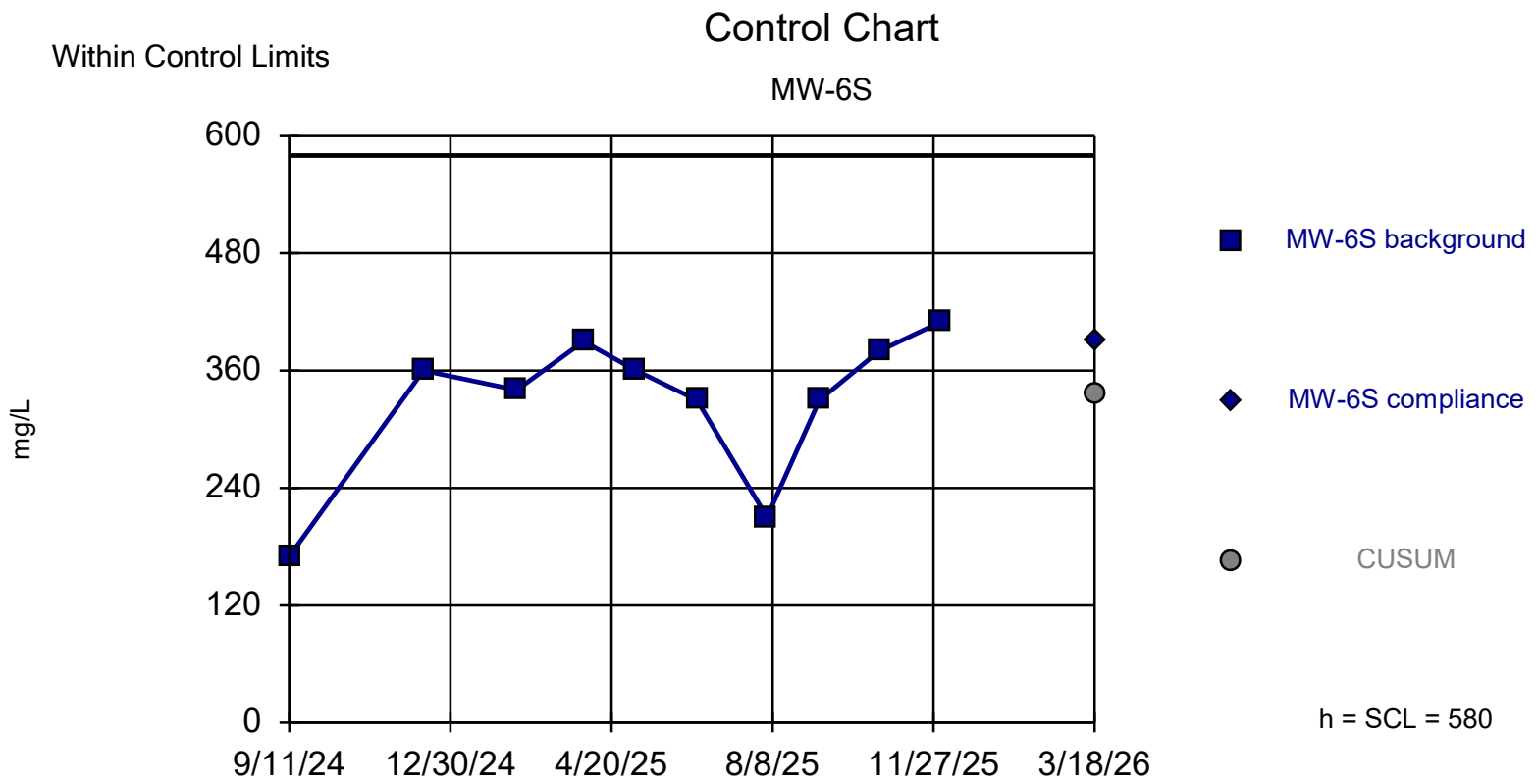
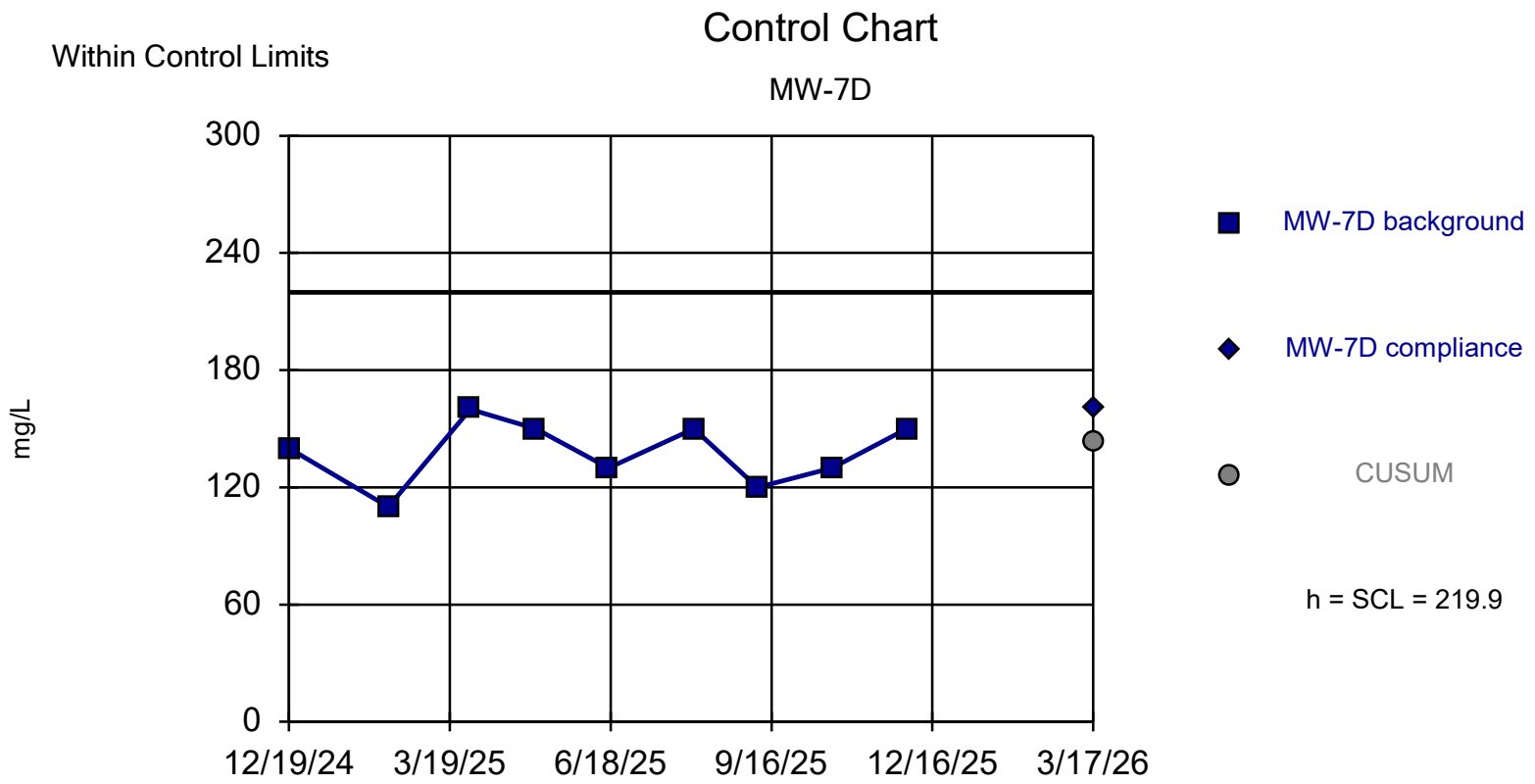


Background Data Summary (based on square transformation): Mean=113020, Std. Dev.=44674, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8856, critical = 0.842. Report alpha = 0.000496. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

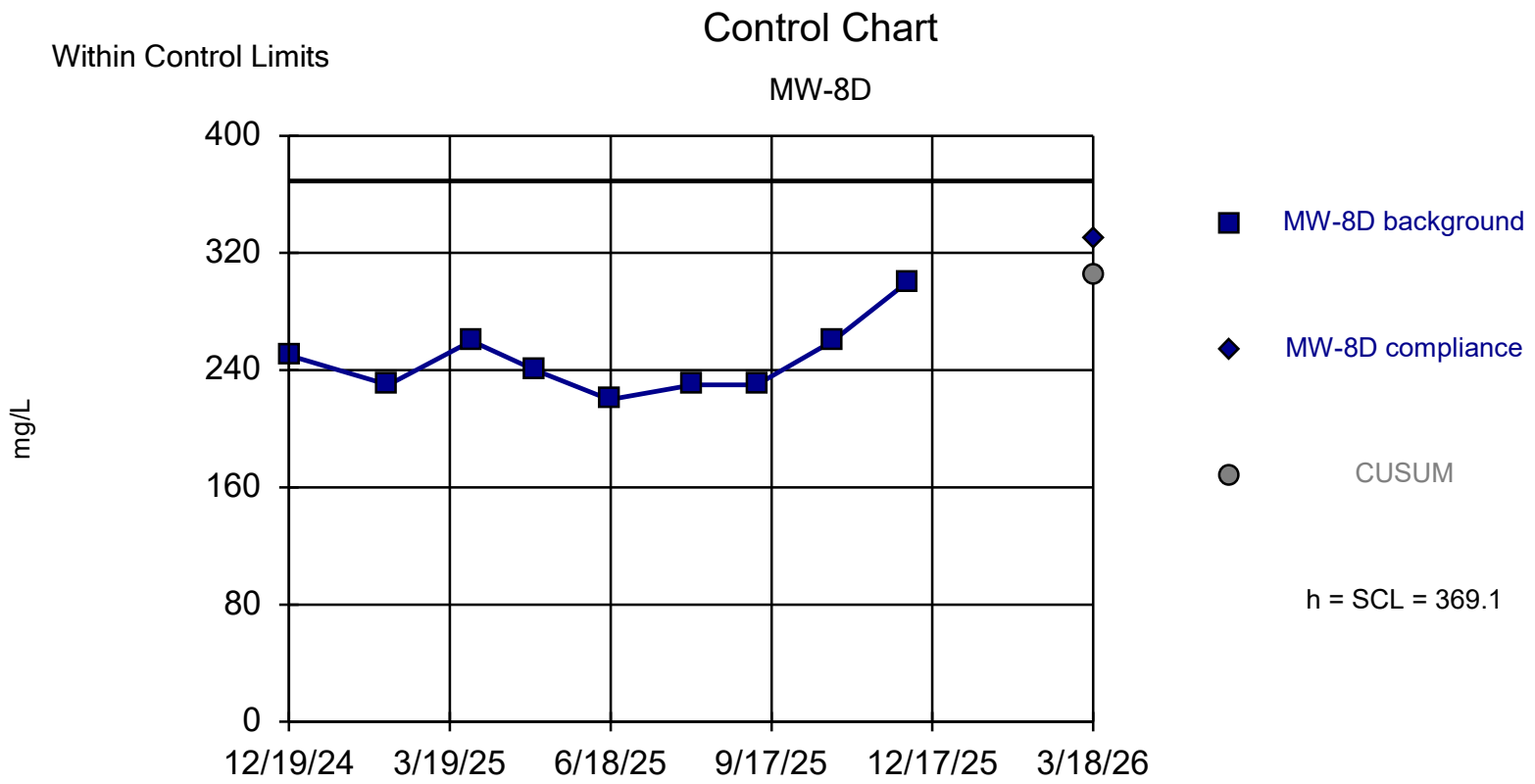
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=137.8, Std. Dev.=16.41, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9402, critical = 0.829. Report alpha = 0.000782. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=246.7, Std. Dev.=24.49, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.871, critical = 0.829. Report alpha = 0.000782. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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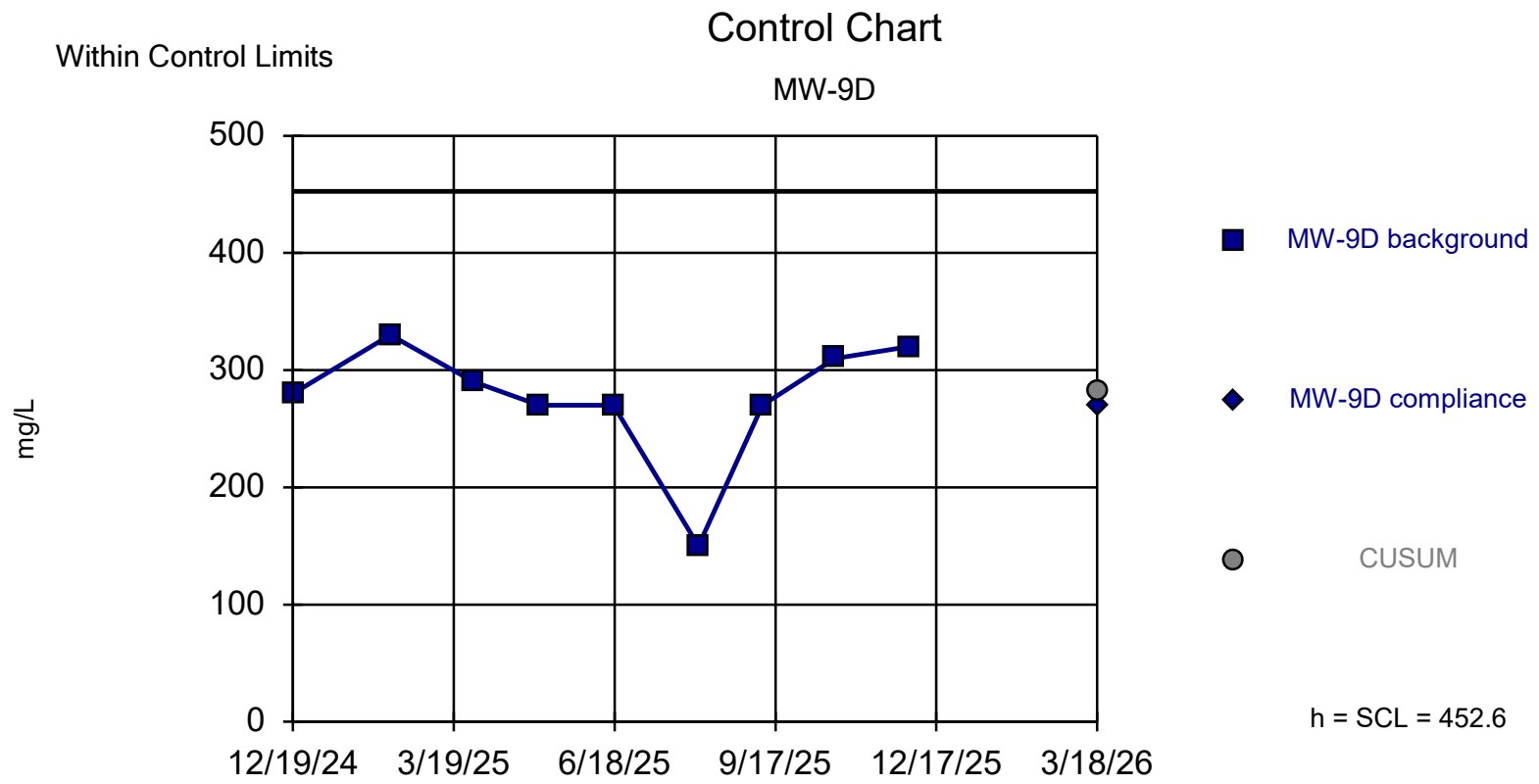

Background Data Summary (based on square transformation): Mean=79011, Std. Dev.=25160, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8624, critical = 0.829. Report alpha = 0.000782. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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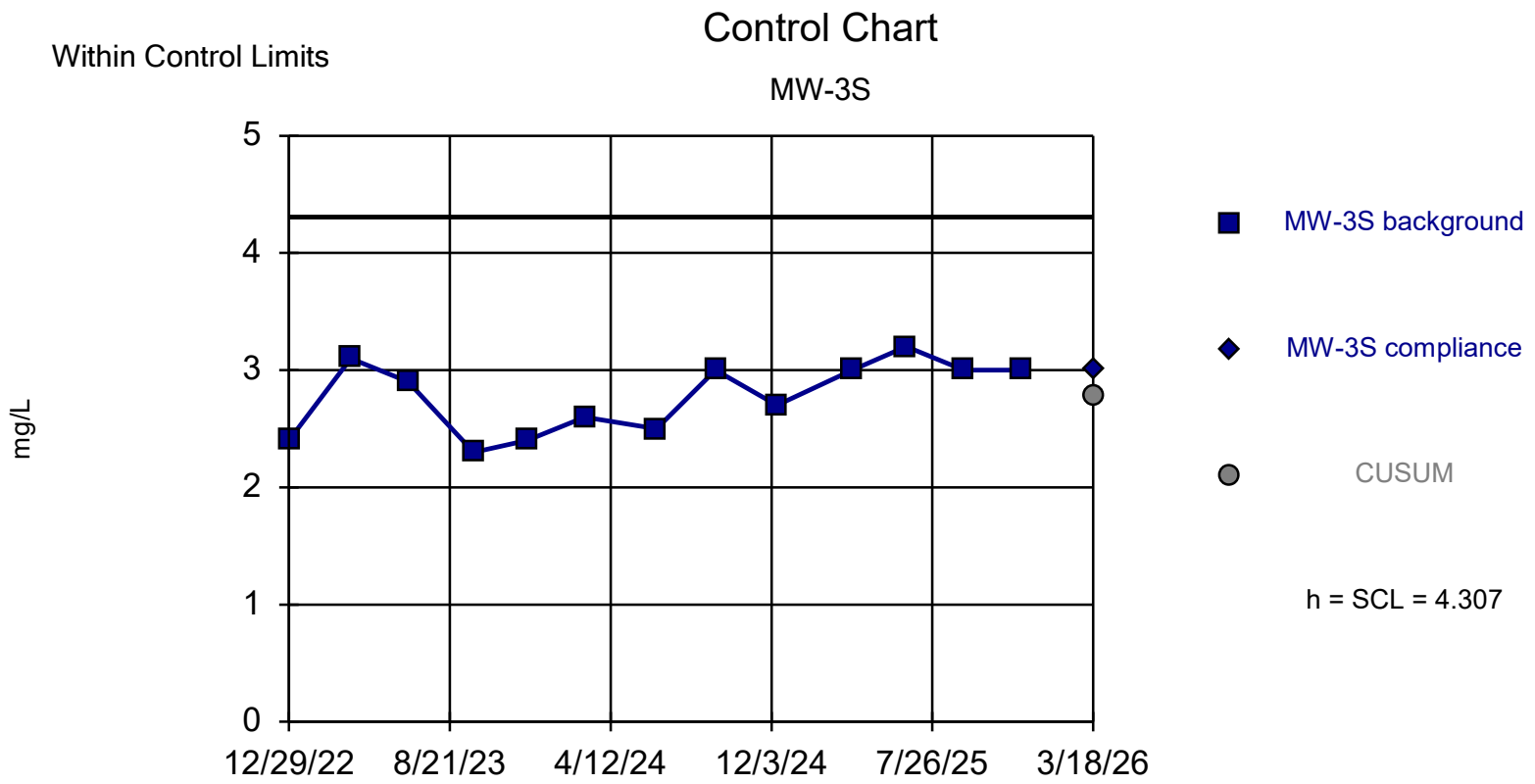
Within Control Limits



Background Data Summary: Mean=2.777, Std. Dev.=0.3059, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8998, critical = 0.866. Report alpha = 0.000206. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Total Organic Carbon Analysis Run 6/14/2026 7:02 PM View: 2022-2025 background for 202

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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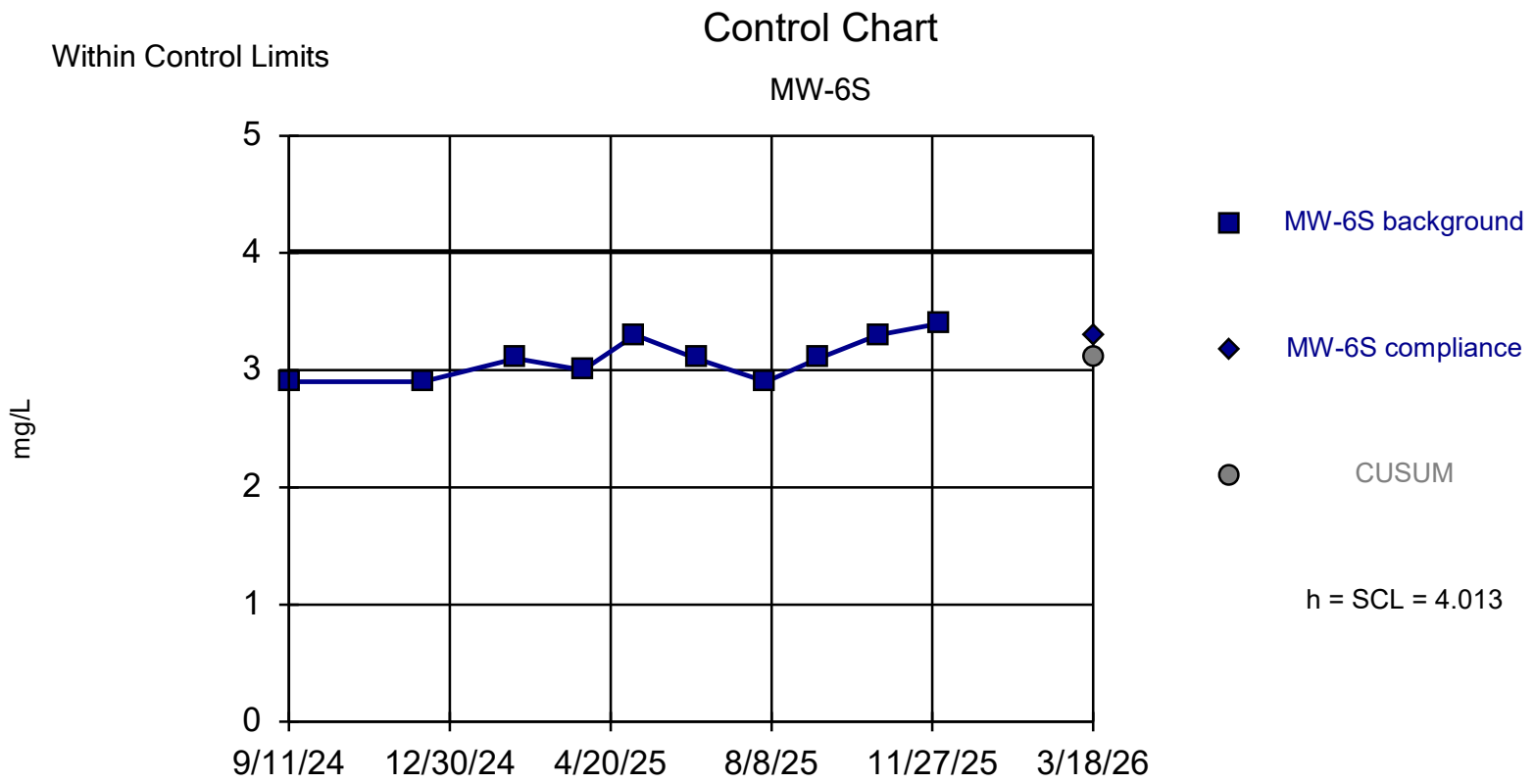
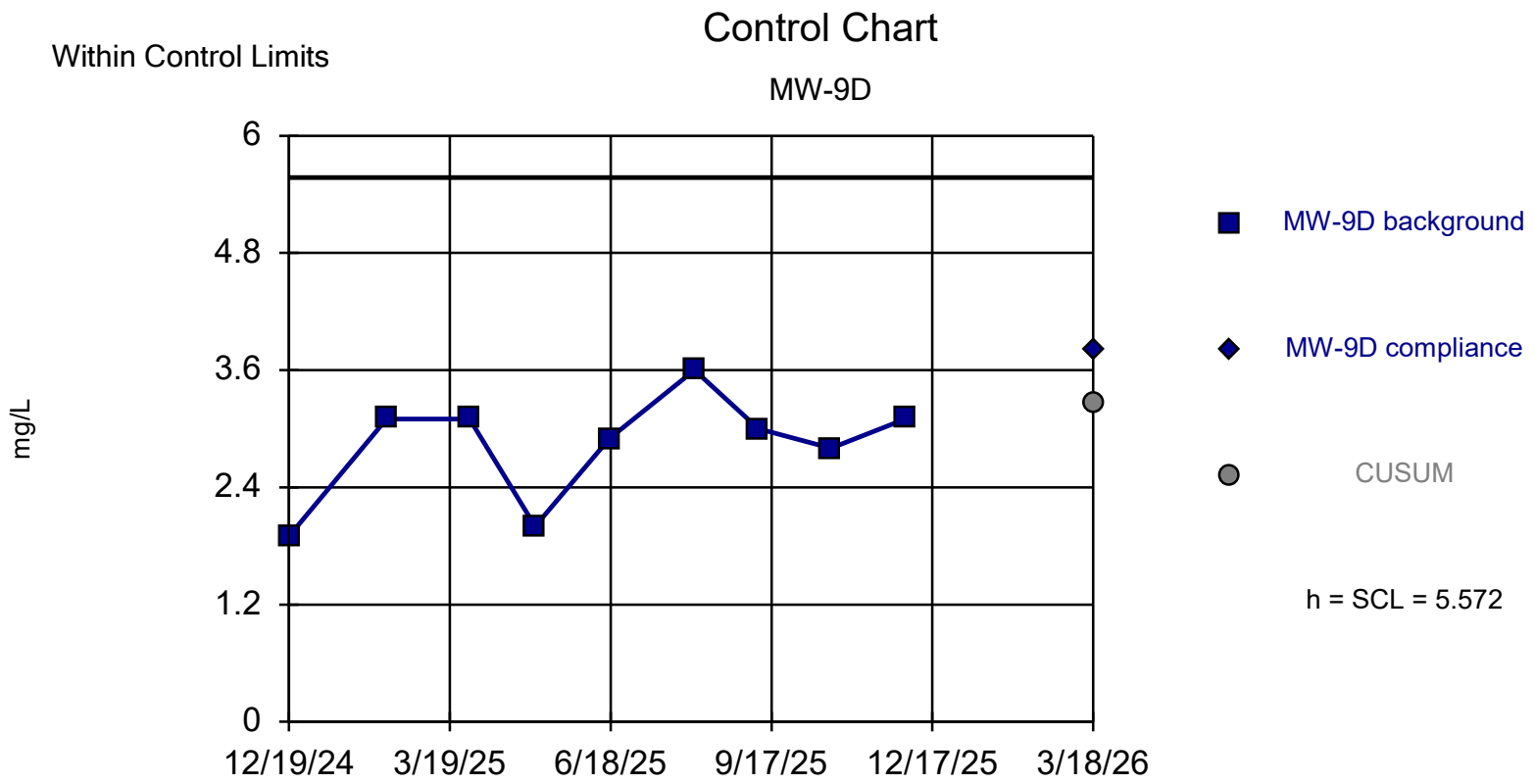


Background Data Summary: Mean=3.1, Std. Dev.=0.1826, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8891, critical = 0.842. Report alpha = 0.000446. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Total Organic Carbon Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



Background Data Summary: Mean=2.833, Std. Dev.=0.5477, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8592, critical = 0.829. Report alpha = 0.000734. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Total Organic Carbon Analysis Run 6/14/2026 7:07 PM View: 2026-2027 Control Charts

Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats