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

Prepared for

DTG Recycling

October 2026

Parametrix

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Certification

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

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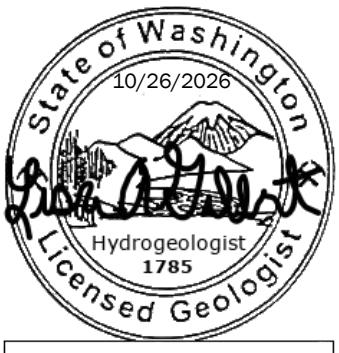

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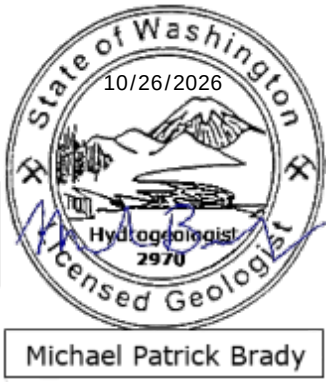

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Acronyms and Abbreviations

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
TOC	total organic carbon
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 second 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. 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 Inc. (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. 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 2022a). 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 of 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 second quarter 2026 groundwater sampling and analysis was conducted in accordance with the SAP (Parametrix 2026a). Field data sheets from the second 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 second quarter of 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 (WRCC 2026). 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 were stable for the second 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 2.11, above).

Shallow Aquifer

2.32 to 3.69 ft/day (847 to 1,347 ft/year).

Interflow Zone

2.00 ft/day (730 ft/ year).

2.2 Groundwater Sampling and Analysis

The second quarter 2026 sampling event was conducted on June 2 through 4, 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-4S.

The second 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 during the first quarter 2026 event, on March 19, 2026 (Parametrix 2026c).

During the second quarter 2026 event, the depth of leachate in the pond was observed to be 1.5 ft, with the total depth of the lined pond being 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 second 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 second quarter 2026 analytical and field data quality. The results of the data quality evaluation for second quarter 2026 are summarized below:

- pH values for all samples were qualified "J" as estimated due to laboratory analysis out of holding times. Laboratory analysis of pH was needed due to unreliable YSI measurements during the field sampling event.

3.2 Comparison to Groundwater Quality Standards

Groundwater quality data collected from the second 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 second 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 Shallow Aquifer Samples

The second 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 manganese was detected at 0.073 mg/L, above the GWQS and MCL of 0.05 mg/L. However, dissolved manganese was not detected in the sample, indicating the result is likely related to turbidity in the sample.

MW-3S

- Specific conductivity was measured at 832 micromhos per centimeter (µmhos/cm), above the MCL of 700 µmhos/cm.
- Nitrate was detected at 12.3 mg/L, above the GWQS and MCL of 10 mg/L.
- PFOA was detected at 21 nanograms per liter (ng/L) above the MCL of 4.0 ng/L.

MW-4S

- Specific conductivity was measured at 1,409 µmhos/cm, above the MCL of 700 µmhos/cm.
- Nitrate was detected at 76.3 mg/L, above the GWQS and MCL of 10 mg/L.
- TDS was detected at 770 mg/L, above the GWQS and MCL of 500 mg/L.
- PFOA was detected at 5.6 ng/L, above the MCL of 4.0 ng/L.

MW-6S

- Specific conductivity was measured at 794 µmhos/cm, above the MCL of 700 µmhos/cm.
- Nitrate was detected at 17.8 mg/L, 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 of PFOA in wells MW-3S and MW-4S are likely related to impacts from the unlined Phase 1 of the LPL.

3.2.2 Interflow Zone Samples

Second 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

- Dissolved iron was detected at 2.7 mg/L and total iron was detected at 2.5 mg/L, above the GWQS and MCL of 0.30 mg/L.
- Dissolved manganese was detected at 0.48 mg/L and total manganese was detected at 0.47 mg/L, both 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 concentrations are common in low producing bedrock zones such as the IZ.

3.3 Time-Series Plots

3.3.1 Groundwater

Time-series plots for inorganic parameters are provided in Appendix D. The data for the SA and IZ wells are presented on separate plots with the leachate data shown on the SA plots. For some analytes, a second SA plot is presented with visual outliers and/or leachate results removed for scaling purposes.

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. Alkalinity and bicarbonate were within the historical range in this event.

Ammonia

Ammonia historically has rarely been detected in the wells. Occasional detections of ammonia were observed in 2025. Ammonia was non-detect in this event.

Dissolved Calcium

Dissolved calcium is increasing in wells MW-3S, MW-4S, MW-6S, and MW-8D, with the highest detected concentrations observed in this event.

Chloride

Chloride had some increases at MW-3S but stabilized over the last eight quarters. Concentrations of chloride at MW-6S and MW-8D show slight increases, and concentrations are relatively stable or decreasing at the remaining wells.

Conductivity

Conductivity appears to be increasing in wells MW-3S, MW-4S, and MW-6S. The MW-4S measurement was the highest recorded. Conductivity has been variable as the concentrations largely rely on the calibration of the field meter.

Total and Dissolved Iron

Total and dissolved iron show initial high variability particularly in the new SA and IZ wells following their completion and have since stabilized. MW-9D had a large spike in the second quarter.

Total and dissolved iron concentrations at MW-9D were equivalent and several orders of magnitude above the GWQS/MCL of 0.3 mg/L. This appears to be sampling error resulting from lack of a filter. Concentrations were also equivalent for total/dissolved magnesium, and total/dissolved manganese. MW-9D has higher concentrations of metals than other wells within the IZ. This will be confirmed using the analytical results from the next quarterly sampling event. The results from the second quarter were within the historical range and lower than the historical highs observed during the third quarter of 2024 shortly after the well was completed.

Total and Dissolved Magnesium

Total and dissolved magnesium concentrations appear to be increasing in wells MW-3S, MW-4S, and MW-6S. Increases at MW-3S started in approximately 2019 and at MW-4S in 2022. MW-8D has also been increasing for magnesium over the past few quarters.

Total and Dissolved Manganese

Total and dissolved manganese show initial high variability in the new SA and IZ wells, although concentrations appear to be decreasing at wells MW-1S and MW-11S. MW-9D had a large spike in the second quarter.

Nitrate

Apparent increases in nitrate are visible for wells MW-3S, MW-4S, and MW-6S, although concentrations at MW-3S and MW-4S appear to be stabilizing. MW-6S was the highest concentration to date for that well.

pH

pH has been relatively stable with variability due to field meter calibration. Results for the second quarters were within the historical range.

Dissolved Potassium

Dissolved potassium is relatively stable in most wells with a slight increasing trend at MW-4S, MW-3S, and MW-8D.

Dissolved Sodium

Dissolved sodium results appear to have slight increases for wells MW-3S, MW-4S, and MW-6S. MW-4S had the highest dissolved sodium concentration to date in the second quarter.

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. Increases are observed in MW-8D beginning after fourth quarter 2025.

Total Dissolved Solids

Apparent increases in total dissolved solids (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. MW-8D shows a slight increasing trend.

Total Organic Carbon

Total organic carbon (TOC) appears relatively stable across all wells except for increasing trends at MW-3S, MW-6S, and MW-9D

Perfluorooctanoic acid

Results for PFOA appear to show apparent seasonality with lower results in the first quarters at MW-3S and MW-4S. The second quarter event for 2026 was lower than the second quarter of 2025.

3.3.2 Leachate

Samples from the Phase 2 leachate pond were collected for the first time in the first quarter of 2025. 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 Cation/Anion Balances

Cation/anion balance evaluations for second 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 second quarter 2026 cation/anion balance differences were all within acceptable limits except for wells MW-4S, MW-8D, and MW-9D.

3.4.2 Trilinear Diagram

A trilinear (Piper) diagram showing the second 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) and follows the EPA Unified Guidance (2009).

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 are also evaluated for wells MW-3S, MW-4S, and MW-6S using Mann-Kendall/Sen's Slope analyses.

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 Second Quarter 2026 Statistical Evaluation

3.5.2.1 Trend Evaluation

MW-3S, MW-4S, and MW-6S are in assessment monitoring due to SSIs above background identified in 2025. Beginning in second quarter 2026, longer term 5-year trends are being evaluated in addition to the short term (2-year/last eight quarters) trends. Comparing short-term and longer-term trends will indicate whether SSIs are continuing or whether concentrations may be stabilizing as indicated by non-statistically significant (apparent) upward or 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 included in Appendix F.

MW-3S

MW-3S was evaluated by Mann-Kendall/Sen's slope analysis for alkalinity, dissolved calcium, chloride, dissolved magnesium, nitrate, sulfate, TDS, and PFOA. Five-year SSI trends were confirmed for all analytes, except for PFOA since there is not enough data for a 5-year analysis. All analytes had apparent increasing trends over the last 2 years except for chloride and PFOA (apparent decreasing trends), and dissolved magnesium and sulfate (no trend).

Trends will continue to be evaluated for significance. Wells downgradient of MW-3S (MW-1S and MW-11S) do not have UPLs; 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-detect, while MW-11S shows a slight increase but at concentrations below the MCL.

MW-4S

MW-4S was evaluated by Mann-Kendall/Sen's Slope analysis for dissolved calcium, nitrate, TDS, and PFOA. Five-year SSI trends were confirmed for dissolved calcium, nitrate, and TDS. PFOA did not have enough data for a 5-year analysis. All analytes showed apparent 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 for alkalinity, nitrate, and PFOA. MW-6S does not have enough data points for a 5-year analysis. A 2-year SSI trend was observed for nitrate, and the upper confidence limit was above the MCL.

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-2 in Appendix F compares the second quarter 2026 data to the UPLs and SCLs (Parametrix 2026b). Control charts updated with second 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 second quarter 2026:

MW-6S

- Dissolved calcium exceeded the UPL but the concentration and CUSUM values were below the SCL and h values. This UPL exceedance will be confirmed during the next quarterly event.

MW-8D

- Dissolved calcium, dissolved magnesium, and sulfate concentrations exceeded their respective UPLs for the second consecutive quarter but the concentrations and CUSUMs were below the respective SCLs and h values, except for dissolved calcium which exceeded the SCL for the first time. There are no GWQS's or MCLs for dissolved calcium or dissolved magnesium and the reported concentrations of sulfate at 95 mg/L were well below the GWQS/MCL of 250 mg/L.

MW-9D

- Dissolved iron exceeded the UPL and TOC concentrations exceeded the UPL and SCL. These exceedances will be confirmed during the next quarterly event.

4. Conclusions and Recommendations

4.1 Conclusions

This report summarizes the second 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 2.32 to 3.69ft/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 1.5 ft and no liquid was observed in the leachate pond leak detection sump during the second quarter 2026 event.

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 and 3.2.2.

Wells MW-3S, MW-4S, and MW-6S had specific conductivity measurements and nitrate concentrations exceeding the criteria. MW-4S also had concentrations exceeding the criteria for 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-4S, MW-8D, and MW-9D.

Trend analyses were conducted for wells MW-3S, MW-4S, and MW-6S. Five-year SSIs were observed in wells MW-3S and MW-4S. A 2-year SSI was observed for nitrate in MW-6S. No 2-year SSIs were observed in MW-3S or 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 appear confined to the existing network and do not appear to be 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-2). Dissolved calcium, dissolved magnesium, and sulfate concentrations in IZ well MW-8D exceeded their respective UPLs for the second consecutive quarter but the concentrations and CUSUMs were below the respective SCLs and h values, except for dissolved calcium which exceeded the SCL for the first time. There are no GWQSs/MCLs for dissolved calcium or dissolved magnesium and the sulfate concentrations are well below the secondary GWQS/MCL. The following exceedances were observed for the first time and will be confirmed during the next quarterly event: in well MW-6S, dissolved calcium exceeded the UPL and in well MW-9D, dissolved iron exceeded the UPL and TOC exceeded the UPL and SCL.

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).

5. References

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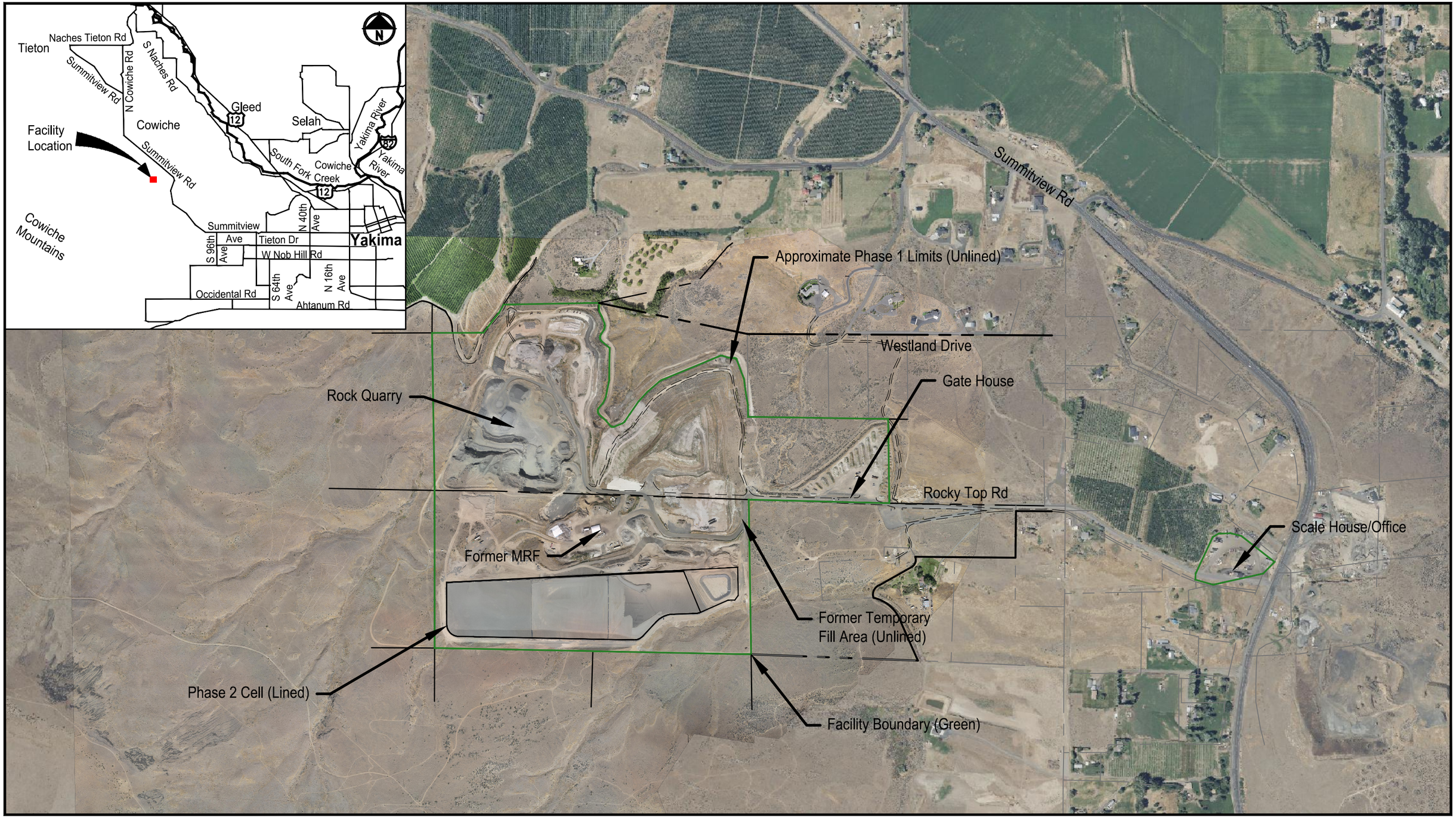
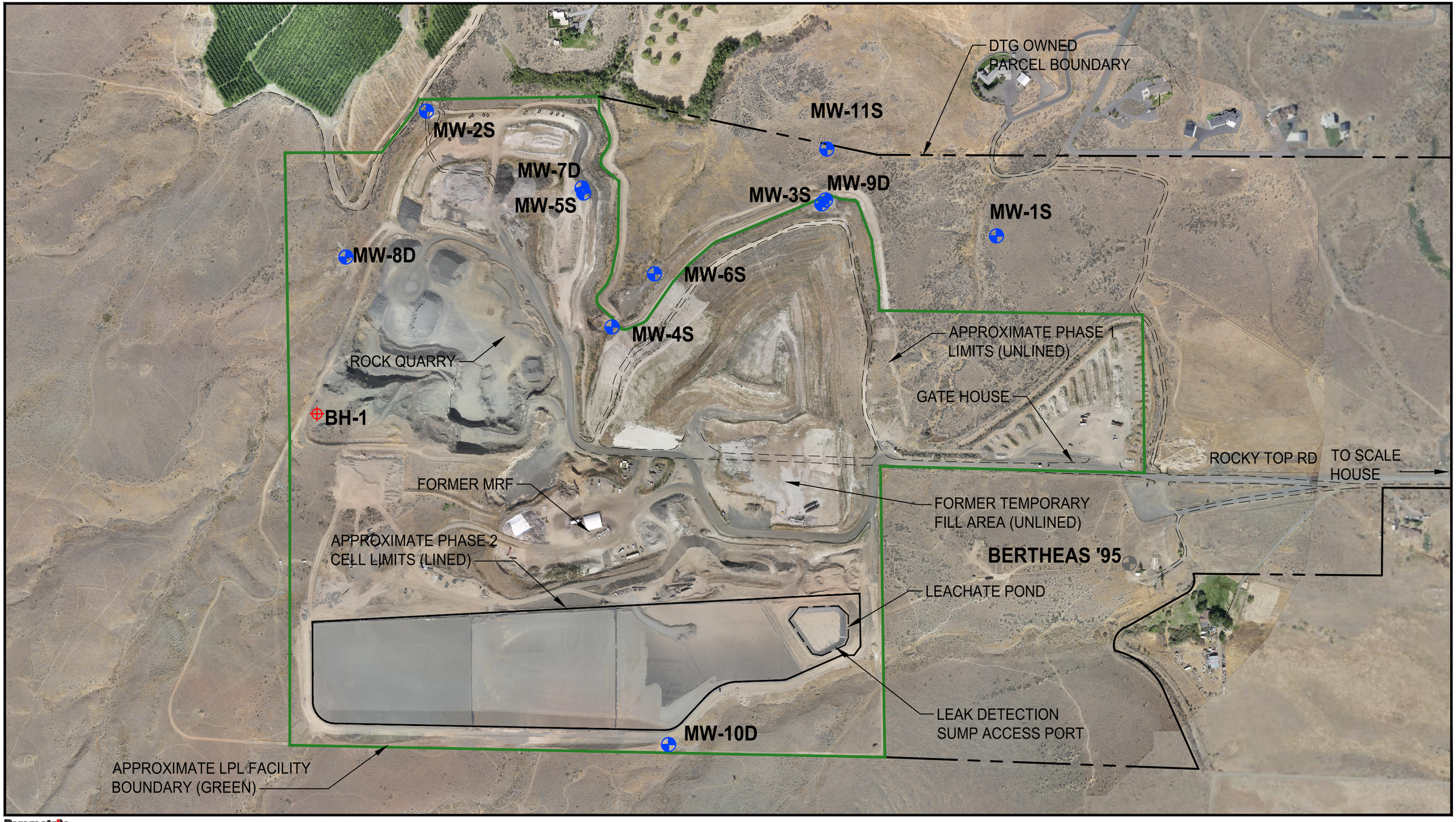
Figures



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*
Total Petroleum Hydrocarbons – Gasoline range	NWTPH-Gx
Total Petroleum Hydrocarbons – Diesel/Oil range	NWTPH-Dx

D = Dissolved

T = Total

*WAC 173-351-430 parameter list

Appendix A

Field Measurements

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

Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #:**MW-1S**

Project Number:	553-8472-012	**Date:**	6/3/26
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):	107.20	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	113	**Date Purged:**	6/3/26
Bottom of Screen (feet bgs)	133	**Purge Time (from/to):**	~~1710~~ 1715 - 1940
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1945

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	107.23							
1715		7.22	0.2412	15.8	116.6	9.18	0.40	90 PSI 20/10
1920		7.23	0.2330	14.0	114.3	4.21	1.10	90 PSI 30/30
1925	108.61	4.27	0.2318	14.0	131.4	3.38	1.10	11
1930		4.34	0.2298	14.0	146.7	2.95	1.08	11
1935		4.31	0.2296	14.0	~~136.8~~ BH	2.64	1.23	11
1940	111.74	4.27	0.2296	14.0	~~136~~ 140.2	2.59	1.23	11
1945								
1950								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	400 mL/min
Laboratory:	Anatek / Onsite	**Date Sent to Lab:**	6/4/26
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

Well purged & sampled between 1715 & 1745 → Mistake translating 515 pm to military time! BH

PFAS samples taken 6/4/26 ★

Signature: Bri Hines

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: 15

Project Number:	553-5472-012	**Date:**	6/4/26
Project Name:	Yakima LPL	**Company Name:**	PMX
Project Address:	41 Rocky Top Rd	**Sampled By:**	Bri Hines

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

Initial Depth to Water (feet below TOC):	107.20	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	113	**Date Purged:**	6/4/26
Bottom of Screen (feet bgs)	133	**Purge Time (from/to):**	0845 - 0945
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	0920

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	108.86							
0840		3.44	0.3103	14.1	168.5	4.46	1.08	90PSI 30/30
0850		2.79	0.2373	13.7	174.7	2.64	1.18	"
0855	110.95	2.79	0.2325	13.7	152.6	2.55	0.8	"
0900		2.99	0.2322	13.7	159.6	2.25	0.80 DH	"
0910	112.45	2.89	0.2321	13.7	161.6	2.24	[illegible]0.79	"
0915		2.94	0.2318	13.7	161.5	2.38	0.83	
0920								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	395 mL/min
Laboratory:	Anatek / Onsite	**Date Sent to Lab:**	6/4/26
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

Second stabilization to collect PFAS next day
Well initially stabilized 6/3 but I did not have PFAS bottles

Signature: _____

pH meter would not calibrate despite multiple attempts

1020
115.29

Debris to Green Recycling

Water Level Measurement Field Report

DATE 6/2/26	JOB NO. 553-8472-012	
PROJECT: Yakima LPL	COMPANY NAME: Parametrix	
LOCATION: 41 Rocky Top Road		
WEATHER Sunny	TEMP 65 ° at 0800	AM
	87 ° at 1500	PM
PERSONNEL		

THE FOLLOWING WAS NOTED:

Well Number	Time	Depth to Water (ft below top of casing)	Measuring Point	Screen Interval (ft bgs)
MW-1S	0830	107.20	TOC	113-133
MW-2S	1000	289.85	TOC	310-330
MW-3S			TOC	188-198
MW-4S	0918	39.61	TOC	49.5-69.5
MW-5S	1022	216.90	TOC	222-243
MW-6S	0911	96.03	TOC	110-130
MW-11S	0845	115.29	TOC	219-239
MW-7D	1020	444.65	TOC	475-495
MW-8D	0942	304.76	TOC	375-405
MW-9D	0857	433.56	TOC	420-440
MW-10D	0928	79.95	TOC	150-170

Thirst next (-3 Caitlin) take initial reading

Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-2S**

Project Number:	553-8472-012	**Date:**	6/3/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Bri H.

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

Initial Depth to Water (feet below TOC):	289.85	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	310	**Date Purged:**	6/3/26
Bottom of Screen (feet bgs)	330	**Purge Time (from/to):**	0930 - 1000
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1005

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP (°C)	Redox (mv)	Dissolved Oxygen (mg/L)	TURBIDITY (NTU)	PUMP SETTING
Initial	290.55							200 PSI
0930		1.45	0.235	12.6	146	7.45	0.00	30/20
0935		2.74	0.293	13.1	141.7	5.67	0.00	"
0940	290.80	2.71	0.288	13.7	135.1	6.05	0.00	"
0945		2.07	0.265	13.8	136.4	6.67	0.00	"
0950		2.12	0.269	13.8	141.6	6.49	0.00	"
0955		2.17	0.269	13.8	134.4	6.10	0.00	"
1000		2.18	0.283	13.8	134.1	6.36	0.00	"
1005								
1010								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	470mL/min
Laboratory:	Anatek / Onsite	**Date Sent to Lab:**	6/4/2026
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

pH would not calibrate despite multiple attempts

Signature: Bri H.

Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #:**MW-3S**

Project Number:	553-8472-012	**Date:**	6/3/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Bri Hom

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

Initial Depth to Water (feet below TOC):		**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	188	**Date Purged:**	6/3/26
Bottom of Screen (feet bgs)	198	**Purge Time (from/to):**	1545 - 1605
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1610

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	175.65							
1545		5.45	0.810	17.2	100.5	7.37	0.00	40PSI
1550	176.95	4.09	0.870	14.4	105.2	6.37	0.00	"
1555		3.99	0.839	14.5	120.7	4.53	0.00	"
1600		4.00	0.841	14.4	123.0	4.35	0.00	"
1605	176.80	3.96	0.832	14.5	119.7	4.40	0.00	"
1610								
1615								
1620								
1625								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	395 mL/min
Laboratory:	Anatek / On Site	**Date Sent to Lab:**	6/4/26
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

Didn't get initial depth on 6/2 because of hornet nest

Signature: Bri J Hom

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-4S**

Project Number:	553-8472-012	**Date:**	6/3/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	[illegible]

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

Initial Depth to Water (feet below TOC):	39.61	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	49.5	**Date Purged:**	6/3/26
Bottom of Screen (feet bgs)	69.5	**Purge Time (from/to):**	1040 - 1115
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1120

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	39.46							
1040		10.90	1.383	12.9	80.3	5.63	0.00	60 PSI 6/3/26
1045		10.84	1.420	12.9	78.7	5.74	0.00	"
1050		10.79	1.423	12.9	74.5	4.36	0.00	"
1055		10.47	1.417	12.9	59.8	4.28	0.00	"
1100	39.90	9.25	1.410	12.9	52.3	4.11	0.00	"
1105		9.31	1.415	12.9	54.9	3.82	0.00	"
1110		9.27	1.410	12.9	53.4	4.03	0.00	"
1115		9.28	1.409	12.9	52.0	3.85	0.00	"
1120								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	410 mL/min
Laboratory:	Anatek / OnSite	**Date Sent to Lab:**	6/4/26
Shipment Method	Dropped off	**Field QC Sample Number:**	MW-135

Remarks:

- MS/MSD collected here

Signature: [signature]

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-5S**

Project Number:	553-8472-012	**Date:**	6/2/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Brij Hines

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

Initial Depth to Water (feet below TOC):	216.90	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	222	**Date Purged:**	6/2/2026
Bottom of Screen (feet bgs)	243	**Purge Time (from/to):**	1100 - 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	214.90							
1100		6.33	471.9	14.9	74.8	4.55	6.03	15/25 40/20
1105								35
1110								
1115	219.85	6.20	747	14.7	42.5	0.43	0.45	"
1120		6.10	527	14.9	34.7	0.47	0.14	"
1125	217.20	6.22	499	14.9	33.1	0.72	0.00	
1130		6.12	496	14.8	31.5	1.40	0.44	"
1135	216.89	5.97	498.8	14.8	29.9	1.68	0.20	
1140		5.89	492.7	14.9	30.2	1.80	0.00	"
1145		5.93	492.5	14.9	31.2	1.84	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:**	405 mL /min
Laboratory:	Anatek / Onsite	**Date Sent to Lab:**	6/2 & 6/4
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

pH would not calibrate. Readings for pH 4 & 7 correct but pH 10 off by ~3.0

Signature: Brij Hines

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-6S**

Project Number:	553-8472-012	**Date:**	6/3/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	BA Hines

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

Initial Depth to Water (feet below TOC):	96.03	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	110	**Date Purged:**	6/3/26
Bottom of Screen (feet bgs)	130	**Purge Time (from/to):**	1225 – ~~1255~~ 1300
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1305

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	_____ BH							
1225	~~95.90~~ 96.90	5.86	0.771	12.9	55.4	6.32	0.00	1015 40/40
1230	_____	4.40	0.862	12.4	98.4	4.44	0.00	"
1235	97.40	3.99	0.871	13.0	110.5	4.15	0.00	"
1240	_____	3.60	0.845	13.9	107.8	4.02	0.00	"
1245	_____	3.84	0.803	~~13.9~~ 13.09	130.0	3.58	0.00	"
1250	98.56	4.08	0.784	~~13.9~~ 13.39 BH	~~109~~ 116.1 BH	3.42	0.00	"
1255	_____	4.18	~~0.790~~ 0.790	13.8	125.8	3.34	0.00	"
1300	99.15	4.18	0.794	13.9	117.2	3.37	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:**	415 mL/min
Laboratory:	Analytic / OnSite	**Date Sent to Lab:**	6/4/2026
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

Signature: Brian A Hines

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #:**MW-11S**

Project Number:	553-8472-012	**Date:**	6/3/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	BH Hines

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

Initial Depth to Water (feet below TOC):	115.29	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	219	**Date Purged:**	6/3/26
Bottom of Screen (feet bgs)	239	**Purge Time (from/to):**	1340 - 1405
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1410

TIME (2400 hr)	DEPTH TO WATER (ft)	pH (units)	Ec (µmhos/cm 25°C)	TEMP (°C)	Redox (mv)	Dissolved Oxygen (mg/L)	TURBIDITY (NTU)	PUMP SETTING
Initial	_____						1.24 BH	
1340	115.9	5.78	0.3483	13.9	71.1	15.88	~~0.00~~	1405PSI 30#
1345	_____	6.67	0.3380	13.7	64.5	6.35	0.48	"
1350	_____	4.26	0.3400	13.7	96.3	2.82	0.00	"
1355	116.82	4.17	0.3381	13.8	102.3	3.14	0.00	"
1400	_____	4.1[illegible]8	0.3387	14.1	107.5	3.23	0.00	"
1405	117.36	4.18	0.3377	13.8	98.6	3.17	_____	_____
1410	_____	_____	_____	_____	_____	_____	_____	_____
1415	_____	_____	_____	_____	_____	_____	_____	_____
1420	_____	_____	_____	_____	_____	_____	_____	_____
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	260 mL/min
Laboratory:	Analytic / On Site	**Date Sent to Lab:**	6/4/2026
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

Signature: Brad Hines

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-7D**

Project Number:	553-8472-012	**Date:**	6/2/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	Pat Haines

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

Initial Depth to Water (feet below TOC):	444.65	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	475	**Date Purged:**	6/2/26
Bottom of Screen (feet bgs)	495	**Purge Time (from/to):**	1320 - 1435
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1430

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	444.65							
1320		4.82	0.2471	17.1	27.6	2.86	0.65	250 PSI 40/35
1325		4.62	0.2338	16.5	29.5	7.48	0.55	"
1330	444.8	4.72	0.2378	16.5	44.4	6.12	0.03	"
1335		4.36	0.2377	16.4	43.7	5.74	0.09	"
1340		5.01	0.2399	16.5	32.5	3.29	0.04	"
1345		4.92	0.2405	16.6	31.0	2.98	0.36	"
1350	444.67	5.20	0.2402	16.1	27.1	1.88	0.21	"
1355		5.19 5.20 DUP	0.2418	17.0	24.0	1.86		"
1400		5.02	0.2419	17.0	22.1	1.11	0.23	"
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:		**Flow Rate:**	215 mL/min
Laboratory:	Anatek / Onsite	**Date Sent to Lab:**	6/2 & 6/4
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

1405	444.65	4.91	0.2424	17.1	23.5	1.01	0.30
1410		~~4.71~~ 4.71	0.2424	17.2	26.0	0.87	0.29
1415		4.68	0.2426	17.1	25.5	0.69	0.30
1420		4.89	0.2419	17.1	25.3	0.71	0.25
1425	444.57	4.78	0.2424	17.1	25.4	0.72	0.48

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-8D**

Project Number:	553-8472-012	**Date:**	6/2/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	BH

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

Initial Depth to Water (feet below TOC):	304.76	**Purge Rate Measurement Method:**	YSI
Top of Screen (feet bgs):	375	**Date Purged:**	6/2/26
Bottom of Screen (feet bgs)	405	**Purge Time (from/to):**	1505 - 1550
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1600 BH

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	304.72							
1505		3.46	0.584	15.1	42.6	3.48	0.00	230PSI 30/30
1510		3.54	0.575	15.2	56.5	1.15	0.00	"
1515		2.78	0.581	15.1	45.5	0.77	0.00	"
1520	305.25	4.03	0.573	15.3	50.6	0.56	0.00	"
1525		3.25	0.570	15.2	48.7	0.43	0.00	"
1530		BH 3.01	0.564	15.2	52.1	0.37	0.00	"
1535	306.45	3.82	0.569	15.3	63.1	0.69	0.00	"
1540		3.58	0.566	14.9	53.5	0.48	0.00	"
1545	306.89	3.56	0.564	14.9	58.4	0.31	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:**	305 mL/min
Laboratory:	Analytical / OnSite	**Date Sent to Lab:**	6/2 & 6/4
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

	Depth	pH	Cond.	Temp	Redox	DO	Turb.	PS
1550	307.78	3.96	0.563	15.1	57.8	0.21	0.00	230PSI 30/30
1555								
1600								
1605								

Signature: BH

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #:**MW-9D**

Project Number:	553-8472-012	**Date:**	6/3/26
Project Name:	Yakima LPL	**Company Name:**	Parametrix
Project Address:	41 Rocky Top Road	**Sampled By:**	BS (Tim)

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

Initial Depth to Water (feet below TOC):	433.56	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	420	**Date Purged:**	6/3/26
Bottom of Screen (feet bgs)	440	**Purge Time (from/to):**	1440 - 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	~~434.05~~							
~~0240~~/1440		5.23	0.520	16.1	139.1	3.62	0.50	240psi 60/40
1445		4.45	0.518	16.6	144.2	3.64	0.00	11
1450	434.05	6.78	0.516	14.9	130.7	2.74	0.27	250 psi 60/40
1455		7.38	0.510	15.0	97.2	2.69	0.75	11
1600	434.55	7.28	0.514	15.0	103.1	2.58	0.00	11
1505		7.29	0.516	14.8	96.1	2.38	0.00	
1510								
1515								
1520								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	160 mL/min
Laboratory:	Anatek / On Site	**Date Sent to Lab:**	6/4/26
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

Signature:

DTG Debris to Green Recycling

Groundwater Sampling Field Data Sheet

Well #: **MW-10D**

Project Number:	553-8472-012	**Date:**	6/3/2026
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):	79.95	**Purge Rate Measurement Method:**	YSI Probe
Top of Screen (feet bgs):	147	**Date Purged:**	6/3/2026
Bottom of Screen (feet bgs)	167	**Purge Time (from/to):**	1630 – 1655
Reference Point (surveyor's notch, etc.):		**Time Sampled:**	1700

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	79.45							
1630		4.62	0.2837	15.7	106.7	8.56	0.51	10 PSI 30-30
1635		4.26	0.2810	15.1	113.6	4.29	0.00	"
1640		4.21	0.2808	14.9	91.8	3.41	0.00	"
1645		4.21	0.2800	14.7	142.5	3.84	0.00	"
1650	80.9	4.22	0.2806	14.9	147.8	4.14	0.00	"
1655		4.30	0.2792	14.8	141.2	4.07	0.00	
1700								
1705								
Stabilization Criteria		± 0.1	3%	3%	± 10 mv	10%, or 3 <0.5	10%, or 3<5.0	

Purge Equipment:	YSI Probe	**Flow Rate:**	245 mL/min
Laboratory:	Anatek / OnSite	**Date Sent to Lab:**	6/4/2026
Shipment Method	Dropped off	**Field QC Sample Number:**	N/A

Remarks:

Signature: Bri Hines

Debris to Green Recycling

Field Data Sheet

Well #: **Leachate Pond**

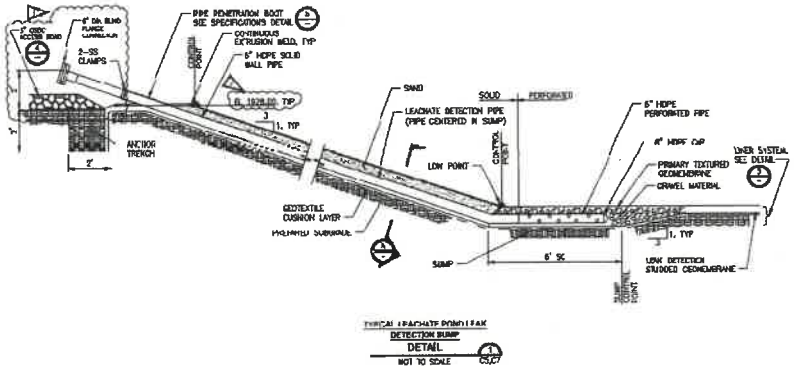
Project Number:	553-8472-012	**Date:**	6/3/2026
Project Name:	Yakima LPL	**Client Name**	DTG Recycle
Project Address:	41 Rocky Top Road Yakima, WA	**Measured By:**	Bri Hines

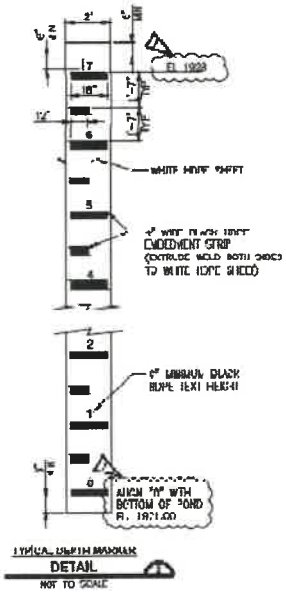
TIME (2400 hr)	Depth to Water from top of Cleanout Pipe (ft)	Depth of Water in Leachate Pond (ft)
1700	Off (Dry)	1.5ft

Remarks:

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

Pond design:





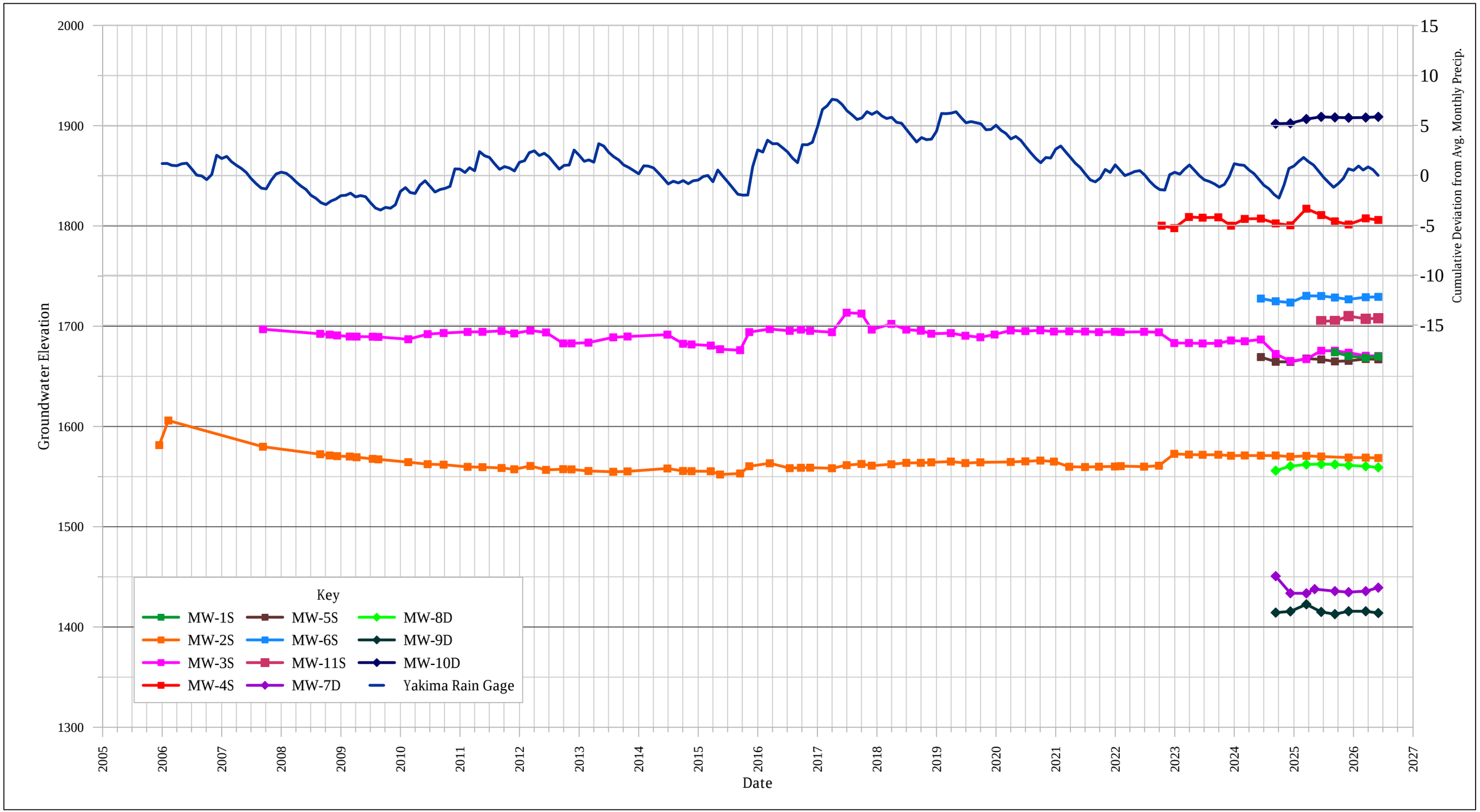
Signature: Bri Hines

Table A-1. Groundwater Elevations, Second 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	6/2/2026	1776.94	107.20	1669.74
MW-2S	6/2/2026	1858.36	289.85	1568.51
MW-3S	6/3/2026	1845.92	175.65	1670.27
MW-4S	6/2/2026	1845.59	39.61	1805.98
MW-5S	6/2/2026	1883.88	216.90	1666.98
MW-6S	6/2/2026	1825.31	96.03	1729.28
MW-11S	6/2/2026	1823.22	115.29	1707.93
MW-7D	6/2/2026	1883.88	444.65	1439.23
MW-8D	6/2/2026	1863.94	304.76	1559.18
MW-9D	6/2/2026	1847.49	433.56	1413.93
MW-10D	6/2/2026	1988.77	79.95	1908.82

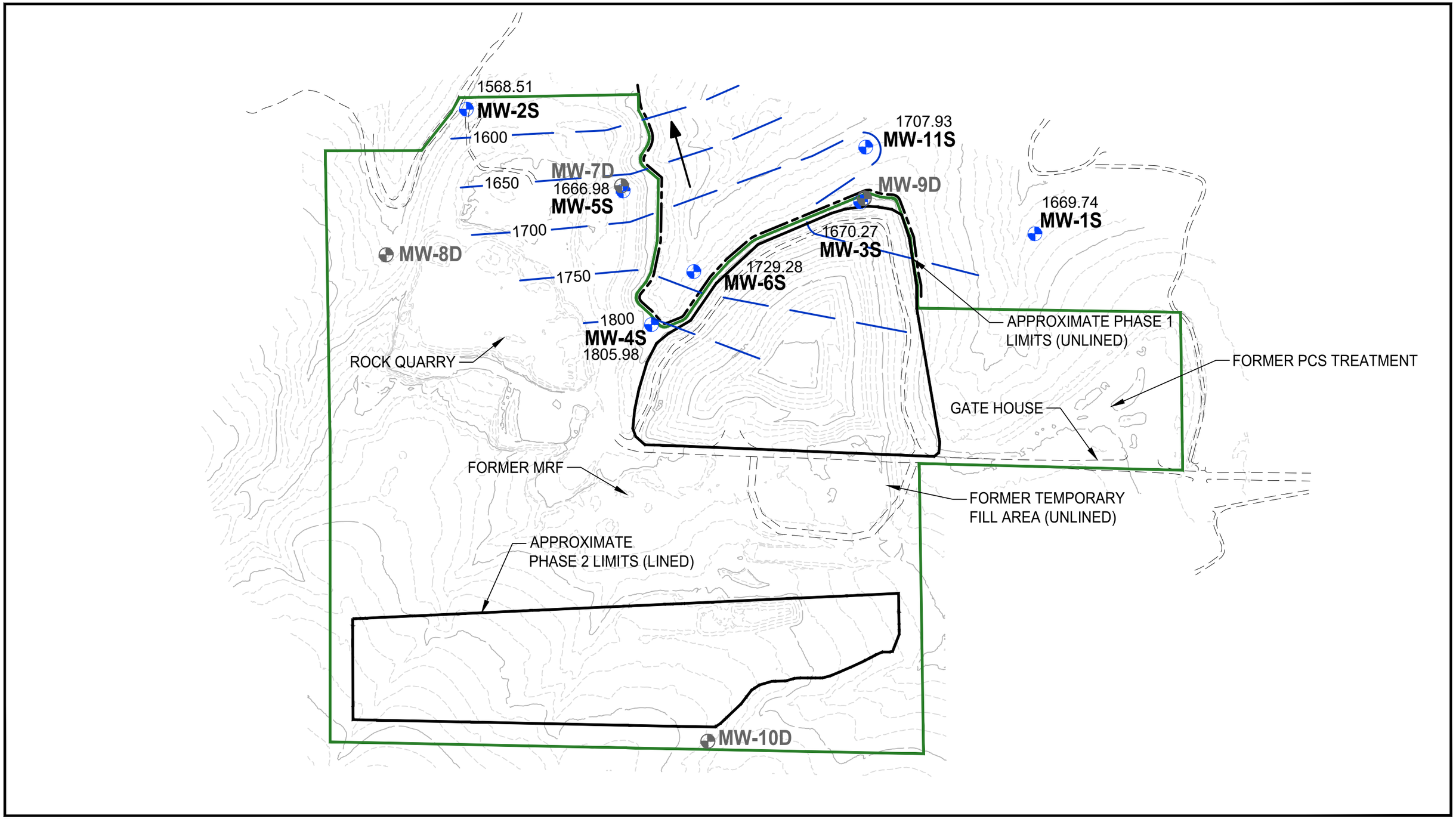
Notes:

Elevation datum based on NAD83



Parametrix

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



Parametrix DATE: September 9, 2026 FILE: PS8472012-QUARTERLYRPT FIGURE 4-5 -Q2

0 N 400
1 INCH = 400 FT.

1805.98 Monitoring Well with Water Level Elevation in feet measured on June 2, 2026

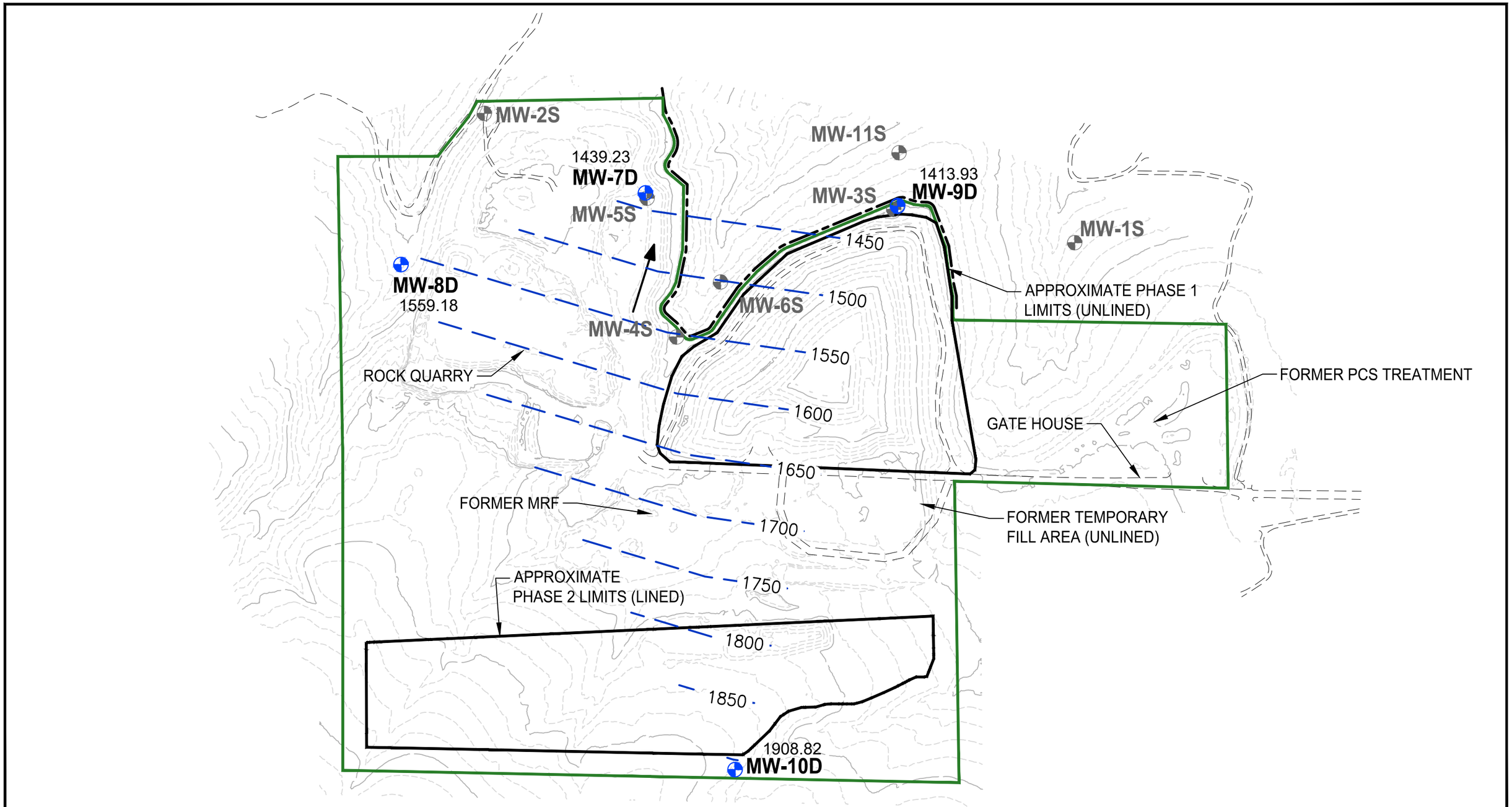
Monitoring Well not used in contours

Approximate Groundwater flow direction

1700 Groundwater Elevation Contour (ft)

LPL Facility Boundary

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



Parametrix DATE: September 2, 2026 FILE: PS8472012-QUARTERLYRPT FIGURE 4-5 -Q2

0 N 400
1 INCH = 400 FT.

1908.82 Monitoring Well with Water Level Elevation in feet measured on June 2, 2026

Monitoring Well not used in contours

Approximate Groundwater flow direction

1700 Groundwater Elevation Contour (ft)

LPL Facility Boundary

Figure A-3
Second 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

July 7, 2026

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

Re: Analytical Data for Project 553-8472-012
Laboratory Reference No. 2606-067

Dear Laura:

Enclosed are the analytical results and associated quality control data for samples submitted on June 4, 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: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

Case Narrative

Samples were collected on June 2 and 3, 2026 and received by the laboratory on June 4, 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.

pH SM 4500-H B Analysis

The samples were analyzed outside of holding time for pH.

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

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Date of Report: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

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:	06-067-01					
Total Alkalinity	**80**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-2S**					
Laboratory ID:	06-067-02					
Total Alkalinity	**78**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Total Alkalinity	**100**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Total Alkalinity	**140**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-5S**					
Laboratory ID:	06-067-05					
Total Alkalinity	**110**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
Total Alkalinity	**90**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-11S**					
Laboratory ID:	06-067-07					
Total Alkalinity	**110**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
Total Alkalinity	**140**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-7D**					
Laboratory ID:	06-067-09					
Total Alkalinity	**100**	2.0	SM 2320B	6-5-26	6-5-26	

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Date of Report: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

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:	06-067-10					
Total Alkalinity	**90**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-9D**					
Laboratory ID:	06-067-11					
Total Alkalinity	**82**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-10D**					
Laboratory ID:	06-067-12					
Total Alkalinity	**92**	2.0	SM 2320B	6-5-26	6-5-26	

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Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

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:	MB0605W1					
Total Alkalinity	**ND**	2.0	SM 2320B	6-5-26	6-5-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-067-04										
	ORIG	DUP									
Total Alkalinity	**144**	**146**	NA		NA	NA		NA	1	10	
MATRIX SPIKES											
Laboratory ID:	06-067-04										
	MS	MSD	MS	MSD		MS	MSD				
Total Alkalinity	**240**	**242**	100	100	144	96	98	80-120	1	20	
SPIKE BLANK											
Laboratory ID:	SB0605W1										
	SB		SB			SB					
Total Alkalinity	**100**		100		NA	100		89-105	NA	NA	

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Date of Report: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

BICARBONATE
SM 2320B

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	06-067-01					
Bicarbonate	**80**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-2S**					
Laboratory ID:	06-067-02					
Bicarbonate	**78**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Bicarbonate	**100**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Bicarbonate	**140**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-5S**					
Laboratory ID:	06-067-05					
Bicarbonate	**110**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
Bicarbonate	**90**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-11S**					
Laboratory ID:	06-067-07					
Bicarbonate	**110**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
Bicarbonate	**140**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-7D**					
Laboratory ID:	06-067-09					
Bicarbonate	**100**	2.0	SM 2320B	6-5-26	6-5-26	

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Date of Report: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

BICARBONATE
SM 2320B

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	06-067-10					
Bicarbonate	**90**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-9D**					
Laboratory ID:	06-067-11					
Bicarbonate	**82**	2.0	SM 2320B	6-5-26	6-5-26	
Client ID:	**MW-10D**					
Laboratory ID:	06-067-12					
Bicarbonate	**92**	2.0	SM 2320B	6-5-26	6-5-26	

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Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

BICARBONATE
SM 2320B
QUALITY CONTROL

Matrix: Water
Units: mg CaCO3/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0605W1					
Bicarbonate	**ND**	2.0	SM 2320B	6-5-26	6-5-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-067-04										
	ORIG	DUP									
Bicarbonate	**144**	**146**	NA		NA	NA		NA	1	10	
MATRIX SPIKES											
Laboratory ID:	06-067-04										
	MS	MSD	MS	MSD		MS	MSD				
Bicarbonate	**240**	**242**	100	100	144	96	98	80-120	1	20	
SPIKE BLANK											
Laboratory ID:	SB0605W1										
	SB		SB			SB					
Bicarbonate	**100**		100		NA	100		89-105	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

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:	06-067-01					
Total Dissolved Solids	**160**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-2S**					
Laboratory ID:	06-067-02					
Total Dissolved Solids	**130**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Total Dissolved Solids	**460**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Total Dissolved Solids	**770**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-5S**					
Laboratory ID:	06-067-05					
Total Dissolved Solids	**220**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
Total Dissolved Solids	**410**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-11S**					
Laboratory ID:	06-067-07					
Total Dissolved Solids	**190**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
Total Dissolved Solids	**760**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-7D**					
Laboratory ID:	06-067-09					
Total Dissolved Solids	**160**	13	SM 2540C	6-8-26	6-8-26	

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Date of Report: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

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:	06-067-10					
Total Dissolved Solids	**320**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-9D**					
Laboratory ID:	06-067-11					
Total Dissolved Solids	**300**	13	SM 2540C	6-8-26	6-8-26	
Client ID:	**MW-10D**					
Laboratory ID:	06-067-12					
Total Dissolved Solids	**180**	13	SM 2540C	6-8-26	6-8-26	

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Project: 553-8472-012

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:	MB0608W1					
Total Dissolved Solids	**ND**	13	SM 2540C	6-8-26	6-8-26	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	06-067-04								
	ORIG	DUP							
Total Dissolved Solids	**765**	**784**	NA	NA	NA	NA	2	40	
SPIKE BLANK									
Laboratory ID:	SB0608W1								
	SB		SB		SB				
Total Dissolved Solids	**505**		500	NA	101	72-123	NA	NA	

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Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

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:	06-067-01					
Chloride	**3.3**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-2S**					
Laboratory ID:	06-067-02					
Chloride	**2.3**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Chloride	**63**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Chloride	**31**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-5S**					
Laboratory ID:	06-067-05					
Chloride	**16**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
Chloride	**67**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-11S**					
Laboratory ID:	06-067-07					
Chloride	**7.8**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
Chloride	**31**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-7D**					
Laboratory ID:	06-067-09					
Chloride	**2.2**	2.0	SM 4500-Cl E	6-8-26	6-8-26	

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Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

CHLORIDE
SM 4500-Cl E

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	06-067-10					
Chloride	**24**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-9D**					
Laboratory ID:	06-067-11					
Chloride	**37**	2.0	SM 4500-Cl E	6-8-26	6-8-26	
Client ID:	**MW-10D**					
Laboratory ID:	06-067-12					
Chloride	**2.9**	2.0	SM 4500-Cl E	6-8-26	6-8-26	

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Laboratory Reference: 2606-067
Project: 553-8472-012

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:	MB0608W1					
Chloride	**ND**	2.0	SM 4500-Cl E	6-8-26	6-8-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-067-04										
	ORIG	DUP									
Chloride	**30.5**	**31.1**	NA		NA	NA		NA	2	14	
MATRIX SPIKES											
Laboratory ID:	06-067-04										
	MS	MSD	MS	MSD		MS	MSD				
Chloride	**79.5**	**80.8**	50.0	50.0	30.5	98	101	84-120	2	10	
SPIKE BLANK											
Laboratory ID:	SB0608W1										
	SB		SB			SB					
Chloride	**50.0**		50.0		NA	100		84-116	NA	NA	

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Laboratory Reference: 2606-067
Project: 553-8472-012

SULFATE
ASTM D516-16

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	06-067-01					
Sulfate	**7.7**	5.0	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-2S**					
Laboratory ID:	06-067-02					
Sulfate	**5.6**	5.0	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Sulfate	**89**	20	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Sulfate	**120**	50	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-5S**					
Laboratory ID:	06-067-05					
Sulfate	**49**	10	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
Sulfate	**73**	20	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-11S**					
Laboratory ID:	06-067-07					
Sulfate	**15**	5.0	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
Sulfate	**120**	50	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-7D**					
Laboratory ID:	06-067-09					
Sulfate	**ND**	5.0	ASTM D516-16	6-10-26	6-10-26	

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Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

SULFATE
ASTM D516-16

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**					
Laboratory ID:	06-067-10					
Sulfate	**95**	20	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-9D**					
Laboratory ID:	06-067-11					
Sulfate	**65**	10	ASTM D516-16	6-10-26	6-10-26	
Client ID:	**MW-10D**					
Laboratory ID:	06-067-12					
Sulfate	**11**	5.0	ASTM D516-16	6-10-26	6-10-26	

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Laboratory Reference: 2606-067
Project: 553-8472-012

SULFATE
ASTM D516-16
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0610W1					
Sulfate	**ND**	5.0	ASTM D516-16	6-10-26	6-10-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-067-04										
	ORIG	DUP									
Sulfate	**115**	**104**	NA		NA	NA		NA	10	11	
MATRIX SPIKES											
Laboratory ID:	06-067-04										
	MS	MSD	MS	MSD		MS	MSD				
Sulfate	**230**	**243**	100	100	115	115	128	65-141	5	20	
SPIKE BLANK											
Laboratory ID:	SB0610W1										
	SB		SB			SB					
Sulfate	**9.29**		10.0		NA	93		77-113	NA	NA	

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Date of Report: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

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:	06-067-01					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-2S**					
Laboratory ID:	06-067-02					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-5S**					
Laboratory ID:	06-067-05					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-11S**					
Laboratory ID:	06-067-07					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-7D**					
Laboratory ID:	06-067-09					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	

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Project: 553-8472-012

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:	06-067-10					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-9D**					
Laboratory ID:	06-067-11					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	
Client ID:	**MW-10D**					
Laboratory ID:	06-067-12					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	

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Laboratory Reference: 2606-067
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AMMONIA (as Nitrogen)
SM 4500-NH_3 D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0609W1					
Ammonia	**ND**	0.053	SM 4500-NH3 D	6-9-26	6-9-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-067-04										
	ORIG	DUP									
Ammonia	**ND**	**ND**	NA		NA	NA		NA	NA	15	
MATRIX SPIKES											
Laboratory ID:	06-067-04										
	MS	MSD	MS	MSD		MS	MSD				
Ammonia	**5.02**	**4.92**	5.00	5.00	ND	100	98	72-121	2	20	
SPIKE BLANK											
Laboratory ID:	SB0609W1										
	SB		SB			SB					
Ammonia	**4.71**		5.00		NA	94		80-116	NA	NA	

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TOTAL ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**					
Laboratory ID:	06-067-01					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-2S**					
Laboratory ID:	06-067-02					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Total Organic Carbon	**3.1**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Total Organic Carbon	**3.8**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-5S**					
Laboratory ID:	06-067-05					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
Total Organic Carbon	**3.6**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-11S**					
Laboratory ID:	06-067-07					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
Total Organic Carbon	**3.7**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-7D**					
Laboratory ID:	06-067-09					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-8-26	6-8-26	

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Project: 553-8472-012

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:	06-067-10					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-9D**					
Laboratory ID:	06-067-11					
Total Organic Carbon	**6.4**	1.0	SM 5310B	6-8-26	6-8-26	
Client ID:	**MW-10D**					
Laboratory ID:	06-067-12					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-8-26	6-8-26	

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Project: 553-8472-012

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:	MB0608W1					
Total Organic Carbon	**ND**	1.0	SM 5310B	6-8-26	6-8-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-067-04										
	ORIG	DUP									
Total Organic Carbon	**3.77**	**3.77**	NA		NA	NA		NA	0	13	
MATRIX SPIKES											
Laboratory ID:	06-067-04										
	MS	MSD	MS	MSD		MS	MSD				
Total Organic Carbon	**13.4**	**13.4**	10.0	10.0	3.77	96	96	82-137	0	20	
SPIKE BLANK											
Laboratory ID:	SB0608W1										
	SB		SB			SB					
Total Organic Carbon	**10.1**		10.0		NA	101		88-124	NA	NA	

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Project: 553-8472-012

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:	06-067-01					
Calcium	**14**	1.1	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**8.3**	1.1	EPA 6010D		6-9-26	
Manganese	**ND**	0.011	EPA 6010D		6-9-26	
Potassium	**2.4**	1.1	EPA 6010D		6-9-26	
Sodium	**16**	1.1	EPA 6010D		6-9-26	
Client ID:	**MW-2S**					
Laboratory ID:	06-067-02					
Calcium	**14**	1.1	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**9.6**	1.1	EPA 6010D		6-9-26	
Manganese	**ND**	0.011	EPA 6010D		6-9-26	
Potassium	**3.3**	1.1	EPA 6010D		6-9-26	
Sodium	**12**	1.1	EPA 6010D		6-9-26	
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Calcium	**55**	1.1	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**39**	1.1	EPA 6010D		6-9-26	
Manganese	**ND**	0.011	EPA 6010D		6-9-26	
Potassium	**5.1**	1.1	EPA 6010D		6-9-26	
Sodium	**24**	1.1	EPA 6010D		6-9-26	
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Calcium	**110**	10	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**76**	10	EPA 6010D		6-9-26	
Manganese	**ND**	0.011	EPA 6010D		6-9-26	
Potassium	**7.4**	1.1	EPA 6010D		6-9-26	
Sodium	**26**	1.1	EPA 6010D		6-9-26	

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Laboratory Reference: 2606-067
Project: 553-8472-012

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:	06-067-05					
Calcium	**29**	1.1	EPA 6010D		6-9-26	
Iron	**0.11**	0.056	EPA 6010D		6-9-26	
Magnesium	**19**	1.1	EPA 6010D		6-9-26	
Manganese	**0.020**	0.011	EPA 6010D		6-9-26	
Potassium	**3.9**	1.1	EPA 6010D		6-9-26	
Sodium	**21**	1.1	EPA 6010D		6-9-26	
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
Calcium	**56**	1.1	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**38**	1.1	EPA 6010D		6-9-26	
Manganese	**ND**	0.011	EPA 6010D		6-9-26	
Potassium	**5.1**	1.1	EPA 6010D		6-9-26	
Sodium	**21**	1.1	EPA 6010D		6-9-26	
Client ID:	**MW-11S**					
Laboratory ID:	06-067-07					
Calcium	**21**	1.1	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**16**	1.1	EPA 6010D		6-9-26	
Manganese	**ND**	0.011	EPA 6010D		6-9-26	
Potassium	**3.8**	1.1	EPA 6010D		6-9-26	
Sodium	**15**	1.1	EPA 6010D		6-9-26	
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
Calcium	**110**	10	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**75**	10	EPA 6010D		6-9-26	
Manganese	**ND**	0.011	EPA 6010D		6-9-26	
Potassium	**7.1**	1.1	EPA 6010D		6-9-26	
Sodium	**25**	1.1	EPA 6010D		6-9-26	

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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:	06-067-09					
Calcium	**16**	1.1	EPA 6010D		6-9-26	
Iron	**0.094**	0.056	EPA 6010D		6-9-26	
Magnesium	**11**	1.1	EPA 6010D		6-9-26	
Manganese	**0.036**	0.011	EPA 6010D		6-9-26	
Potassium	**2.9**	1.1	EPA 6010D		6-9-26	
Sodium	**13**	1.1	EPA 6010D		6-9-26	
Client ID:	**MW-8D**					
Laboratory ID:	06-067-10					
Calcium	**37**	1.1	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**25**	1.1	EPA 6010D		6-9-26	
Manganese	**0.022**	0.011	EPA 6010D		6-9-26	
Potassium	**3.8**	1.1	EPA 6010D		6-9-26	
Sodium	**25**	1.1	EPA 6010D		6-9-26	
Client ID:	**MW-9D**					
Laboratory ID:	06-067-11					
Calcium	**35**	1.1	EPA 6010D		6-9-26	
Iron	**2.7**	0.056	EPA 6010D		6-9-26	
Magnesium	**21**	1.1	EPA 6010D		6-9-26	
Manganese	**0.47**	0.011	EPA 6010D		6-9-26	
Potassium	**2.4**	1.1	EPA 6010D		6-9-26	
Sodium	**28**	1.1	EPA 6010D		6-9-26	
Client ID:	**MW-10D**					
Laboratory ID:	06-067-12					
Calcium	**20**	1.1	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**12**	1.1	EPA 6010D		6-9-26	
Manganese	**ND**	0.011	EPA 6010D		6-9-26	
Potassium	**2.6**	1.1	EPA 6010D		6-9-26	
Sodium	**13**	1.1	EPA 6010D		6-9-26	

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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:	MB0609D1					
Calcium	**ND**	1.1	EPA 6010D		6-9-26	
Iron	**ND**	0.056	EPA 6010D		6-9-26	
Magnesium	**ND**	1.1	EPA 6010D		6-9-26	
Manganese	**ND**	0.011	EPA 6010D		6-9-26	
Potassium	**ND**	1.1	EPA 6010D		6-9-26	
Sodium	**ND**	1.1	EPA 6010D		6-9-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	06-067-01									
	ORIG	DUP								
Calcium	**13.8**	**14.5**	NA	NA		NA	NA	5	20	
Iron	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Magnesium	**8.29**	**8.67**	NA	NA		NA	NA	4	20	
Manganese	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Potassium	**2.44**	**2.46**	NA	NA		NA	NA	1	20	
Sodium	**15.6**	**16.4**	NA	NA		NA	NA	5	20	

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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
MATRIX SPIKES											
Laboratory ID:	06-067-01										
	MS	MSD	MS	MSD		MS	MSD				
Calcium	**39.0**	**38.7**	22.2	22.2	13.8	**113**	**112**	75-125	1	20	
Iron	**25.9**	**26.1**	22.2	22.2	ND	**117**	**117**	75-125	1	20	
Magnesium	**33.4**	**33.2**	22.2	22.2	8.29	**113**	**112**	75-125	1	20	
Manganese	**0.568**	**0.556**	0.556	0.556	ND	**102**	**100**	75-125	2	20	
Potassium	**28.1**	**27.9**	22.2	22.2	2.44	**115**	**115**	75-125	1	20	
Sodium	**42.2**	**42.2**	22.2	22.2	15.6	**120**	**120**	75-125	0	20	
SPIKE BLANK											
Laboratory ID:	SB0609D1										
Calcium	**25.1**		22.2		N/A	**113**		80-120			
Iron	**25.2**		22.2		N/A	**114**		80-120			
Magnesium	**24.7**		22.2		N/A	**111**		80-120			
Manganese	**0.540**		0.556		N/A	**97**		80-120			
Potassium	**24.9**		22.2		N/A	**112**		80-120			
Sodium	**24.6**		22.2		N/A	**111**		80-120			

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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:	06-067-01					
Iron	**0.20**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**7.8**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**0.073**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-2S**					
Laboratory ID:	06-067-02					
Iron	**ND**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**9.1**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**ND**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Iron	**ND**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**36**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**ND**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Iron	**ND**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**84**	10	EPA 6010D	6-9-26	6-10-26	
Manganese	**ND**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-5S**					
Laboratory ID:	06-067-05					
Iron	**0.15**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**18**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**0.028**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
Iron	**0.085**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**35**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**0.014**	0.010	EPA 6010D	6-9-26	6-10-26	

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Laboratory Reference: 2606-067
Project: 553-8472-012

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:	06-067-07					
Iron	**ND**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**15**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**ND**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
Iron	**ND**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**83**	10	EPA 6010D	6-9-26	6-10-26	
Manganese	**ND**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-7D**					
Laboratory ID:	06-067-09					
Iron	**0.15**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**10**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**0.030**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-8D**					
Laboratory ID:	06-067-10					
Iron	**0.060**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**26**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**0.025**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-9D**					
Laboratory ID:	06-067-11					
Iron	**2.5**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**21**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**0.48**	0.010	EPA 6010D	6-9-26	6-10-26	
Client ID:	**MW-10D**					
Laboratory ID:	06-067-12					
Iron	**ND**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**11**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**ND**	0.010	EPA 6010D	6-9-26	6-10-26	

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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:	MB0609WH1					
Iron	**ND**	0.050	EPA 6010D	6-9-26	6-10-26	
Magnesium	**ND**	1.0	EPA 6010D	6-9-26	6-10-26	
Manganese	**ND**	0.010	EPA 6010D	6-9-26	6-10-26	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-067-04										
	ORIG	DUP									
Iron	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Magnesium	**84.4**	**74.8**	NA	NA		NA		NA	12	20	
Manganese	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	06-067-04										
	MS	MSD	MS	MSD		MS	MSD				
Iron	**20.6**	**20.4**	20.0	20.0	ND	**103**	**102**	75-125	1	20	
Magnesium	**105**	**96.7**	20.0	20.0	84.4	**105**	**61**	75-125	9	20	A
Manganese	**0.477**	**0.472**	0.500	0.500	ND	**96**	**95**	75-125	1	20	
SPIKE BLANK											
Laboratory ID:	SB0609WH1										
Iron	**21.2**		20.0		N/A	**106**		80-120			
Magnesium	**21.3**		20.0		N/A	**106**		80-120			
Manganese	**0.486**		0.500		N/A	**97**		80-120			

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
Chloromethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Bromomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Chloroethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Acetone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Iodomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Carbon Disulfide	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methylene Chloride	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Acrylonitrile	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Vinyl Acetate	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
2-Butanone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Bromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Chloroform	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Benzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Trichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Dibromomethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromodichloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Toluene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Tetrachloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-3S**					
Laboratory ID:	06-067-03					
2-Hexanone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Dibromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Chlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Ethylbenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
m,p-Xylene	ND	0.40	EPA 8260D	6-10-26	6-10-26	
o-Xylene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Styrene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromoform	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Naphthalene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*68-133*				
Toluene-d8	*102*	*79-123*				
4-Bromofluorobenzene	*102*	*78-117*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
Chloromethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Bromomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Chloroethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Acetone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Iodomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Carbon Disulfide	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methylene Chloride	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Acrylonitrile	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Vinyl Acetate	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
2-Butanone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Bromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Chloroform	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Benzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Trichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Dibromomethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromodichloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Toluene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Tetrachloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-4S**					
Laboratory ID:	06-067-04					
2-Hexanone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Dibromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Chlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Ethylbenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
m,p-Xylene	ND	0.40	EPA 8260D	6-10-26	6-10-26	
o-Xylene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Styrene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromoform	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Naphthalene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*108*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*100*	*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:	06-067-06					
Chloromethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Bromomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Chloroethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Acetone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Iodomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Carbon Disulfide	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methylene Chloride	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Acrylonitrile	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Vinyl Acetate	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
2-Butanone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Bromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Chloroform	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Benzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Trichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Dibromomethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromodichloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Toluene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Tetrachloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-6S**					
Laboratory ID:	06-067-06					
2-Hexanone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Dibromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Chlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Ethylbenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
m,p-Xylene	ND	0.40	EPA 8260D	6-10-26	6-10-26	
o-Xylene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Styrene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromoform	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Naphthalene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*105*	*68-133*				
Toluene-d8	*101*	*79-123*				
4-Bromofluorobenzene	*101*	*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:	06-067-08					
Chloromethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Bromomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Chloroethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Acetone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Iodomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Carbon Disulfide	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methylene Chloride	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Acrylonitrile	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Vinyl Acetate	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
2-Butanone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Bromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Chloroform	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Benzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Trichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Dibromomethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromodichloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Toluene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Tetrachloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-13S**					
Laboratory ID:	06-067-08					
2-Hexanone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Dibromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Chlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Ethylbenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
m,p-Xylene	ND	0.40	EPA 8260D	6-10-26	6-10-26	
o-Xylene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Styrene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromoform	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Naphthalene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*106*	*68-133*				
Toluene-d8	*101*	*79-123*				
4-Bromofluorobenzene	*103*	*78-117*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	06-067-13					
Chloromethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Bromomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Chloroethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Acetone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Iodomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Carbon Disulfide	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methylene Chloride	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Acrylonitrile	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Vinyl Acetate	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
2-Butanone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Bromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Chloroform	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Benzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Trichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Dibromomethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromodichloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Toluene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Tetrachloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Trip Blank**					
Laboratory ID:	06-067-13					
2-Hexanone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Dibromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Chlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Ethylbenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
m,p-Xylene	ND	0.40	EPA 8260D	6-10-26	6-10-26	
o-Xylene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Styrene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromoform	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Naphthalene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*68-133*				
Toluene-d8	*100*	*79-123*				
4-Bromofluorobenzene	*100*	*78-117*				

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0610W1					
Chloromethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Vinyl Chloride (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Bromomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Chloroethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Trichlorofluoromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Acetone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Iodomethane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Carbon Disulfide	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methylene Chloride	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Acrylonitrile	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Vinyl Acetate	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
2-Butanone	ND	5.0	EPA 8260D	6-10-26	6-10-26	
Bromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Chloroform	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Carbon Tetrachloride	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Benzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Trichloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Dibromomethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromodichloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Toluene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Tetrachloroethene	ND	0.20	EPA 8260D	6-10-26	6-10-26	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0610W1					
2-Hexanone	ND	2.0	EPA 8260D	6-10-26	6-10-26	
Dibromochloromethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromoethane (SIM)	ND	0.020	EPA 8260D/SIM	6-10-26	6-10-26	
Chlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Ethylbenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
m,p-Xylene	ND	0.40	EPA 8260D	6-10-26	6-10-26	
o-Xylene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Styrene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
Bromoform	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	6-10-26	6-10-26	
(trans) 1,4-Dichloro-2-butene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	6-10-26	6-10-26	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Naphthalene	ND	1.0	EPA 8260D	6-10-26	6-10-26	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*109*	*68-133*				
Toluene-d8	*101*	*79-123*				
4-Bromofluorobenzene	*100*	*78-117*				

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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:	06-067-04										
	MS	MSD	MS	MSD		MS	MSD				
Chloromethane	**9.25**	**9.46**	10.0	10.0	ND	93	95	52-140	2	18	
Vinyl Chloride	**9.90**	**10.2**	10.0	10.0	ND	99	102	62-133	3	16	
Bromomethane	**19.2**	**18.9**	10.0	10.0	ND	192	189	52-150	2	25	I,I
Chloroethane	**10.5**	**10.6**	10.0	10.0	ND	105	106	71-128	1	16	
Trichlorofluoromethane	**11.1**	**11.2**	10.0	10.0	ND	111	112	72-128	1	17	
1,1-Dichloroethene	**10.8**	**10.9**	10.0	10.0	ND	108	109	75-131	1	16	
Acetone	**10.5**	**9.91**	10.0	10.0	ND	105	99	61-159	6	22	
Iodomethane	**9.01**	**9.16**	10.0	10.0	ND	90	92	31-135	2	31	
Carbon Disulfide	**11.7**	**11.5**	10.0	10.0	ND	117	115	56-131	2	17	
Methylene Chloride	**10.6**	**10.5**	10.0	10.0	ND	106	105	67-130	1	19	
(trans) 1,2-Dichloroethene	**11.0**	**11.0**	10.0	10.0	ND	110	110	77-131	0	16	
1,1-Dichloroethane	**10.8**	**10.9**	10.0	10.0	ND	108	109	77-129	1	16	
Vinyl Acetate	**14.0**	**13.6**	10.0	10.0	ND	140	136	45-165	3	19	
(cis) 1,2-Dichloroethene	**11.3**	**11.3**	10.0	10.0	ND	113	113	78-133	0	16	
2-Butanone	**11.8**	**11.2**	10.0	10.0	ND	118	112	62-141	5	18	
Bromochloromethane	**11.6**	**11.5**	10.0	10.0	ND	116	115	68-128	1	16	
Chloroform	**11.1**	**11.2**	10.0	10.0	ND	111	112	79-129	1	17	
1,1,1-Trichloroethane	**11.0**	**11.0**	10.0	10.0	ND	110	110	78-129	0	16	
Carbon Tetrachloride	**11.1**	**11.1**	10.0	10.0	ND	111	111	78-130	0	15	
Benzene	**10.7**	**10.8**	10.0	10.0	ND	107	108	77-128	1	16	
1,2-Dichloroethane	**11.5**	**11.5**	10.0	10.0	ND	115	115	79-132	0	17	
Trichloroethene	**10.7**	**10.8**	10.0	10.0	ND	107	108	74-128	1	16	
1,2-Dichloropropane	**10.6**	**10.6**	10.0	10.0	ND	106	106	74-125	0	17	
Dibromomethane	**10.8**	**10.7**	10.0	10.0	ND	108	107	74-130	1	19	
Bromodichloromethane	**10.8**	**10.6**	10.0	10.0	ND	108	106	77-130	2	18	
(cis) 1,3-Dichloropropene	**11.4**	**11.4**	10.0	10.0	ND	114	114	73-132	0	19	
Methyl Isobutyl Ketone	**10.9**	**10.5**	10.0	10.0	ND	109	105	68-142	4	22	
Toluene	**9.80**	**9.75**	10.0	10.0	ND	98	98	71-123	1	17	
(trans) 1,3-Dichloropropene	**11.0**	**10.8**	10.0	10.0	ND	110	108	70-129	2	19	
1,1,2-Trichloroethane	**10.6**	**10.5**	10.0	10.0	ND	106	105	80-127	1	17	
Tetrachloroethene	**10.2**	**10.1**	10.0	10.0	ND	102	101	78-125	1	15	
2-Hexanone	**9.83**	**9.43**	10.0	10.0	ND	98	94	64-136	4	22	

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QUALITY CONTROL
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Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	06-067-04										
	MS	MSD	MS	MSD		MS	MSD				
Dibromochloromethane	**10.2**	**11.7**	10.0	10.0	ND	102	117	69-138	14	33	
1,2-Dibromoethane	**10.9**	**10.9**	10.0	10.0	ND	109	109	74-128	0	18	
Chlorobenzene	**10.1**	**9.98**	10.0	10.0	ND	101	100	83-121	1	16	
1,1,1,2-Tetrachloroethane	**10.5**	**10.3**	10.0	10.0	ND	105	103	82-127	2	17	
Ethylbenzene	**9.89**	**9.75**	10.0	10.0	ND	99	98	84-124	1	15	
m,p-Xylene	**20.0**	**19.8**	20.0	20.0	ND	100	99	82-121	1	16	
o-Xylene	**10.1**	**10.0**	10.0	10.0	ND	101	100	83-126	1	17	
Styrene	**10.6**	**10.5**	10.0	10.0	ND	106	105	84-129	1	18	
Bromoform	**10.8**	**10.6**	10.0	10.0	ND	108	106	74-132	2	19	
1,1,2,2-Tetrachloroethane	**10.8**	**10.6**	10.0	10.0	ND	108	106	80-127	2	17	
1,2,3-Trichloropropane	**10.3**	**10.1**	10.0	10.0	ND	103	101	75-131	2	16	
1,4-Dichlorobenzene	**10.0**	**10.1**	10.0	10.0	ND	100	101	79-124	1	18	
1,2-Dichlorobenzene	**10.3**	**10.1**	10.0	10.0	ND	103	101	80-129	2	17	
1,2-Dibromo-3-chloropropane	**10.4**	**10.5**	10.0	10.0	ND	104	105	70-139	1	22	
Naphthalene	**10.0**	**10.1**	10.0	10.0	ND	100	101	64-145	1	21	
Surrogate:											
Dibromofluoromethane						*112*	*113*	*68-133*			
Toluene-d8						*102*	*103*	*79-123*			
4-Bromofluorobenzene						*102*	*101*	*78-117*			

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Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

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QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	Spike Level	Percent Recovery	Recovery Limits	Flags
SPIKE BLANK					
Laboratory ID:	SB0610W1				
Chloromethane	**9.69**	10.0	97	44-146	
Vinyl Chloride	**10.3**	10.0	103	70-126	
Bromomethane	**20.3**	10.0	203	28-159	I
Chloroethane	**10.7**	10.0	107	73-122	
Trichlorofluoromethane	**11.3**	10.0	113	72-125	
1,1-Dichloroethene	**11.1**	10.0	111	77-127	
Acetone	**10.1**	10.0	101	39-156	
Iodomethane	**8.90**	10.0	89	20-145	
Carbon Disulfide	**11.8**	10.0	118	50-134	
Methylene Chloride	**10.8**	10.0	108	63-138	
(trans) 1,2-Dichloroethene	**11.3**	10.0	113	77-128	
1,1-Dichloroethane	**11.0**	10.0	110	76-127	
Vinyl Acetate	**13.7**	10.0	137	40-160	
(cis) 1,2-Dichloroethene	**11.5**	10.0	115	77-131	
2-Butanone	**11.9**	10.0	119	64-133	
Bromochloromethane	**11.8**	10.0	118	77-128	
Chloroform	**11.3**	10.0	113	76-125	
1,1,1-Trichloroethane	**11.2**	10.0	112	78-125	
Carbon Tetrachloride	**11.3**	10.0	113	77-126	
Benzene	**10.9**	10.0	109	80-123	
1,2-Dichloroethane	**11.4**	10.0	114	75-132	
Trichloroethene	**10.8**	10.0	108	80-127	
1,2-Dichloropropane	**10.5**	10.0	105	80-125	
Dibromomethane	**10.8**	10.0	108	80-130	
Bromodichloromethane	**10.6**	10.0	106	81-129	
(cis) 1,3-Dichloropropene	**11.2**	10.0	112	74-134	
Methyl Isobutyl Ketone	**10.5**	10.0	105	69-135	
Toluene	**9.79**	10.0	98	75-121	
(trans) 1,3-Dichloropropene	**10.9**	10.0	109	75-134	
1,1,2-Trichloroethane	**10.4**	10.0	104	80-123	
Tetrachloroethene	**10.4**	10.0	104	80-127	
2-Hexanone	**9.48**	10.0	95	63-135	

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: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

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

Analyte	Result	Spike Level	Percent Recovery	Recovery Limits	Flags
SPIKE BLANK					
Laboratory ID:	SB0610W1				
Dibromochloromethane	**10.2**	10.0	102	72-128	
1,2-Dibromoethane	**10.8**	10.0	108	80-128	
Chlorobenzene	**10.1**	10.0	101	80-122	
1,1,1,2-Tetrachloroethane	**10.4**	10.0	104	80-126	
Ethylbenzene	**9.89**	10.0	99	80-122	
m,p-Xylene	**20.2**	20.0	101	80-122	
o-Xylene	**10.1**	10.0	101	80-123	
Styrene	**10.5**	10.0	105	80-128	
Bromoform	**10.6**	10.0	106	77-134	
1,1,2,2-Tetrachloroethane	**10.5**	10.0	105	80-126	
1,2,3-Trichloropropane	**10.2**	10.0	102	72-128	
1,4-Dichlorobenzene	**9.98**	10.0	100	78-124	
1,2-Dichlorobenzene	**10.0**	10.0	100	79-125	
1,2-Dibromo-3-chloropropane	**10.2**	10.0	102	74-131	
Naphthalene	**9.31**	10.0	93	55-138	
Surrogate:					
Dibromofluoromethane			113	68-133	
Toluene-d8			102	79-123	
4-Bromofluorobenzene			102	78-117	

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Date of Report: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

pH
SM 4500-H B

Matrix: Water
Units: pH (@ 25ºC)

Analyte	Result	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-1S**				
Laboratory ID:	06-067-01				
pH	**7.5**	SM 4500-H B	6-9-26	6-9-26 17:10	
Client ID:	**MW-2S**				
Laboratory ID:	06-067-02				
pH	**7.6**	SM 4500-H B	6-9-26	6-9-26 17:14	
Client ID:	**MW-3S**				
Laboratory ID:	06-067-03				
pH	**7.3**	SM 4500-H B	6-9-26	6-9-26 17:17	
Client ID:	**MW-4S**				
Laboratory ID:	06-067-04				
pH	**7.6**	SM 4500-H B	6-9-26	6-9-26 17:06	
Client ID:	**MW-5S**				
Laboratory ID:	06-067-05				
pH	**7.8**	SM 4500-H B	6-9-26	6-9-26 17:19	
Client ID:	**MW-6S**				
Laboratory ID:	06-067-06				
pH	**7.4**	SM 4500-H B	6-9-26	6-9-26 17:22	
Client ID:	**MW-11S**				
Laboratory ID:	06-067-07				
pH	**8.0**	SM 4500-H B	6-9-26	6-9-26 17:25	
Client ID:	**MW-13S**				
Laboratory ID:	06-067-08				
pH	**7.3**	SM 4500-H B	6-9-26	6-9-26 17:30	
Client ID:	**MW-7D**				
Laboratory ID:	06-067-09				
pH	**7.9**	SM 4500-H B	6-9-26	6-9-26 17:33	

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Date of Report: July 7, 2026
Samples Submitted: June 4, 2026
Laboratory Reference: 2606-067
Project: 553-8472-012

pH
SM 4500-H B

Matrix: Water
Units: pH (@ 25ºC)

Analyte	Result	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW-8D**				
Laboratory ID:	06-067-10				
pH	**8.0**	SM 4500-H B	6-9-26	6-9-26 17:40	
Client ID:	**MW-9D**				
Laboratory ID:	06-067-11				
pH	**7.3**	SM 4500-H B	6-9-26	6-9-26 17:43	
Client ID:	**MW-10D**				
Laboratory ID:	06-067-12				
pH	**7.7**	SM 4500-H B	6-9-26	6-9-26 17:49	

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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.

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June 30, 2026

Analytical Report for Service Request No: K2605918

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

RE: 553-8472-012

Dear David,

Enclosed are the results of the sample(s) submitted to our laboratory June 09, 2026
For your reference, these analyses have been assigned our service request number **K2605918.**

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

RIGHT SOLUTIONS | RIGHT PARTNER

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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.

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.
J	The result is an estimated value.
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.

Case Narrative

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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Onsite Environmental Incorporated
Project: 553-8472-012
Sample Matrix: Water

Service Request: K2605918
Date Received: 06/09/2026

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:

Eight water samples were received for analysis at ALS Environmental on 06/09/2026. 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:

No significant anomalies were noted with this analysis.

Approved by _____ Date 06/30/2026

Chain of Custody

ALS Environmental—Kelso Laboratory
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h26005918

OnSite Environmental Inc.

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

Laboratory Reference #: 2606-067

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: 553-8472-012

Project Name: _____

Lab ID	Sample Identification		Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	MW-1S		6/4/26	9:20	Water	3	PFAS EPA 1633
2	MW-2S		6/3/26	10:05	Water	3	PFAS EPA 1633
3	MW-3S		6/3/26	16:10	Water	3	PFAS EPA 1633
4	MW-4S		6/3/26	11:20	Water	6	PFAS EPA 1633
5	MW-5S		6/2/26	11:50	Water	3	PFAS EPA 1633
6	MW-6S		6/3/26	13:05	Water	3	PFAS EPA 1633
7	MW-11S		6/3/26	14:10	Water	3	PFAS EPA 1633
8	MW-13S		6/3/26	8:00	Water	3	PFAS EPA 1633

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	6/8/26	1600	
Received by:	UPS			Please run QA/QC on sample MW-4S
Relinquished by:	UPS			
Received by:	ALS	6/9/26	0915	**EIM EDDs**
Relinquished by:				
Received by:				

Cooler Receipt and Preservation Form

PM NP

Client On Site Service Request K26 05918

Received: 6/9/26 Opened: 6/9/26 By: VM Unloaded: 6/9/26 By: VM

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
1.5 wet	1.5	IR01				1Z684E1W0396 0413 8071	

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 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: _____

Per and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/04/26 09:20
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-1S	**Units:**	ng/L
Lab Code:	K2605918-001	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)						
Perfluorobutane sulfonic acid (PFBS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)						
Perfluorobutanoic acid (PFBA)	ND U	2.0	1	06/28/26 17:42	6/17/26	
Perfluoropentanoic acid (PFPeA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorohexanoic acid (PFHxA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluoroheptanoic acid (PFHpA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorooctanoic acid (PFOA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorododecanoic acid (PFDOA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluoroalkyl Sulfonamido Substances						
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1	06/28/26 17:42	6/17/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1	06/28/26 17:42	6/17/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1	06/28/26 17:42	6/17/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1	06/28/26 17:42	6/17/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1	06/28/26 17:42	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/04/26 09:20
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-1S	**Units:**	ng/L
Lab Code:	K2605918-001	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)						
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Fluorotelomer Carboxylic Acids (FTCAs)						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	18	1	06/28/26 17:42	6/17/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	1	06/28/26 17:42	6/17/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	1	06/28/26 17:42	6/17/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)						
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)						
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1	06/28/26 17:42	6/17/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1	06/28/26 17:42	6/17/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	1	06/28/26 17:42	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/04/26 09:20
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-1S	**Units:**	ng/L
Lab Code:	K2605918-001	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	85	40 - 135	06/28/26 17:42	
13C3-PFHxS	78	40 - 130	06/28/26 17:42	
13C8-PFOS	73	40 - 130	06/28/26 17:42	
13C4-PFBA	80	5 - 130	06/28/26 17:42	
13C5-PFPeA	86	40 - 130	06/28/26 17:42	
13C5-PFHxA	81	40 - 130	06/28/26 17:42	
13C4-PFHpA	78	40 - 130	06/28/26 17:42	
13C8-PFOA	79	40 - 130	06/28/26 17:42	
13C9-PFNA	78	40 - 130	06/28/26 17:42	
13C6-PFDA	75	40 - 130	06/28/26 17:42	
13C7-PFUnDA	67	30 - 130	06/28/26 17:42	
13C2-PFDoDA	57	10 - 130	06/28/26 17:42	
13C2-PFTeDA	52	10 - 130	06/28/26 17:42	
13C8-FOSA	58	40 - 130	06/28/26 17:42	
D3-MeFOSA	54	10 - 130	06/28/26 17:42	
D5-EtFOSA	53	10 - 130	06/28/26 17:42	
D7-MeFOSE	53	10 - 130	06/28/26 17:42	
D9-EtFOSE	51	10 - 130	06/28/26 17:42	
D3-MeFOSAA	61	40 - 170	06/28/26 17:42	
D5-EtFOSAA	55	25 - 135	06/28/26 17:42	
13C2-4:2 FTS	85	40 - 200	06/28/26 17:42	
13C2-6:2 FTS	80	40 - 200	06/28/26 17:42	
13C2-8:2 FTS	69	40 - 300	06/28/26 17:42	
13C3-HFPO-DA	79	40 - 130	06/28/26 17:42	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 10:05
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-2S	**Units:**	ng/L
Lab Code:	K2605918-002	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)						
Perfluorobutane sulfonic acid (PFBS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorononane sulfonic acid (PFNS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)						
Perfluorobutanoic acid (PFBA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluoropentanoic acid (PFPeA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorohexanoic acid (PFHxA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluoroheptanoic acid (PFHpA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorooctanoic acid (PFOA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorononanoic acid (PFNA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorodecanoic acid (PFDA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluoroalkyl Sulfonamido Substances						
Perfluorooctane sulfonamide (PFOSAm)	ND U	2.0	1	06/28/26 17:58	6/17/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	2.0	1	06/28/26 17:58	6/17/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	2.0	1	06/28/26 17:58	6/17/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	2.0	1	06/28/26 17:58	6/17/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	2.0	1	06/28/26 17:58	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 10:05
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-2S	**Units:**	ng/L
Lab Code:	K2605918-002	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)						
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Fluorotelomer Carboxylic Acids (FTCAs)						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	1	06/28/26 17:58	6/17/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	20	1	06/28/26 17:58	6/17/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	20	1	06/28/26 17:58	6/17/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)						
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)						
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	2.0	1	06/28/26 17:58	6/17/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	2.0	1	06/28/26 17:58	6/17/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	2.0	1	06/28/26 17:58	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 10:05
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-2S	**Units:**	ng/L
Lab Code:	K2605918-002	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	83	40 - 135	06/28/26 17:58	
13C3-PFHxS	77	40 - 130	06/28/26 17:58	
13C8-PFOS	73	40 - 130	06/28/26 17:58	
13C4-PFBA	79	5 - 130	06/28/26 17:58	
13C5-PFPeA	84	40 - 130	06/28/26 17:58	
13C5-PFHxA	80	40 - 130	06/28/26 17:58	
13C4-PFHpA	76	40 - 130	06/28/26 17:58	
13C8-PFOA	79	40 - 130	06/28/26 17:58	
13C9-PFNA	78	40 - 130	06/28/26 17:58	
13C6-PFDA	74	40 - 130	06/28/26 17:58	
13C7-PFUnDA	67	30 - 130	06/28/26 17:58	
13C2-PFDoDA	59	10 - 130	06/28/26 17:58	
13C2-PFTeDA	55	10 - 130	06/28/26 17:58	
13C8-FOSA	65	40 - 130	06/28/26 17:58	
D3-MeFOSA	59	10 - 130	06/28/26 17:58	
D5-EtFOSA	55	10 - 130	06/28/26 17:58	
D7-MeFOSE	56	10 - 130	06/28/26 17:58	
D9-EtFOSE	52	10 - 130	06/28/26 17:58	
D3-MeFOSAA	66	40 - 170	06/28/26 17:58	
D5-EtFOSAA	59	25 - 135	06/28/26 17:58	
13C2-4:2 FTS	83	40 - 200	06/28/26 17:58	
13C2-6:2 FTS	80	40 - 200	06/28/26 17:58	
13C2-8:2 FTS	77	40 - 300	06/28/26 17:58	
13C3-HFPO-DA	77	40 - 130	06/28/26 17:58	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 16:10
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2605918-003	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)						
Perfluorobutane sulfonic acid (PFBS)	**13**	1.8	1	06/28/26 18:46	6/17/26	
Perfluoropentane sulfonic acid (PFPeS)	**2.7**	1.8	1	06/28/26 18:46	6/17/26	
Perfluorohexane sulfonic acid (PFHxS)	**5.7**	1.8	1	06/28/26 18:46	6/17/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluorooctane sulfonic acid (PFOS)	**3.3**	1.8	1	06/28/26 18:46	6/17/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)						
Perfluorobutanoic acid (PFBA)	**70**	2.0	1	06/28/26 18:46	6/17/26	
Perfluoropentanoic acid (PFPeA)	**68**	1.8	1	06/28/26 18:46	6/17/26	
Perfluorohexanoic acid (PFHxA)	**45**	1.8	1	06/28/26 18:46	6/17/26	
Perfluoroheptanoic acid (PFHpA)	**20**	1.8	1	06/28/26 18:46	6/17/26	
Perfluorooctanoic acid (PFOA)	**21**	1.8	1	06/28/26 18:46	6/17/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluorododecanoic acid (PFDOA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluoroalkyl Sulfonamido Substances						
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1	06/28/26 18:46	6/17/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1	06/28/26 18:46	6/17/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1	06/28/26 18:46	6/17/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1	06/28/26 18:46	6/17/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1	06/28/26 18:46	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 16:10
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2605918-003	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)						
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.8	1	06/28/26 18:46	6/17/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	1	06/28/26 18:46	6/17/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Fluorotelomer Carboxylic Acids (FTCAs)						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	18	1	06/28/26 18:46	6/17/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	1	06/28/26 18:46	6/17/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	1	06/28/26 18:46	6/17/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)						
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	1	06/28/26 18:46	6/17/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)						
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1	06/28/26 18:46	6/17/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1	06/28/26 18:46	6/17/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	1	06/28/26 18:46	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 16:10
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-3S	**Units:**	ng/L
Lab Code:	K2605918-003	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	80	40 - 135	06/28/26 18:46	
13C3-PFHxS	75	40 - 130	06/28/26 18:46	
13C8-PFOS	71	40 - 130	06/28/26 18:46	
13C4-PFBA	70	5 - 130	06/28/26 18:46	
13C5-PFPeA	78	40 - 130	06/28/26 18:46	
13C5-PFHxA	76	40 - 130	06/28/26 18:46	
13C4-PFHpA	73	40 - 130	06/28/26 18:46	
13C8-PFOA	74	40 - 130	06/28/26 18:46	
13C9-PFNA	75	40 - 130	06/28/26 18:46	
13C6-PFDA	69	40 - 130	06/28/26 18:46	
13C7-PFUnDA	63	30 - 130	06/28/26 18:46	
13C2-PFDoDA	58	10 - 130	06/28/26 18:46	
13C2-PFTeDA	56	10 - 130	06/28/26 18:46	
13C8-FOSA	65	40 - 130	06/28/26 18:46	
D3-MeFOSA	61	10 - 130	06/28/26 18:46	
D5-EtFOSA	58	10 - 130	06/28/26 18:46	
D7-MeFOSE	55	10 - 130	06/28/26 18:46	
D9-EtFOSE	53	10 - 130	06/28/26 18:46	
D3-MeFOSAA	63	40 - 170	06/28/26 18:46	
D5-EtFOSAA	55	25 - 135	06/28/26 18:46	
13C2-4:2 FTS	78	40 - 200	06/28/26 18:46	
13C2-6:2 FTS	76	40 - 200	06/28/26 18:46	
13C2-8:2 FTS	69	40 - 300	06/28/26 18:46	
13C3-HFPO-DA	73	40 - 130	06/28/26 18:46	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 11:20
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2605918-004	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)						
Perfluorobutane sulfonic acid (PFBS)	**6.4**	1.8	1	06/28/26 19:03	6/17/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)						
Perfluorobutanoic acid (PFBA)	**41**	2.0	1	06/28/26 19:03	6/17/26	
Perfluoropentanoic acid (PFPeA)	**38**	1.8	1	06/28/26 19:03	6/17/26	
Perfluorohexanoic acid (PFHxA)	**24**	1.8	1	06/28/26 19:03	6/17/26	
Perfluoroheptanoic acid (PFHpA)	**11**	1.8	1	06/28/26 19:03	6/17/26	
Perfluorooctanoic acid (PFOA)	**5.6**	1.8	1	06/28/26 19:03	6/17/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluorododecanoic acid (PFDOA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluoroalkyl Sulfonamido Substances						
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1	06/28/26 19:03	6/17/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1	06/28/26 19:03	6/17/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1	06/28/26 19:03	6/17/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1	06/28/26 19:03	6/17/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1	06/28/26 19:03	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 11:20
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2605918-004	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)						
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Fluorotelomer Carboxylic Acids (FTCAs)						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	18	1	06/28/26 19:03	6/17/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	1	06/28/26 19:03	6/17/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	1	06/28/26 19:03	6/17/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)						
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)						
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1	06/28/26 19:03	6/17/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1	06/28/26 19:03	6/17/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	1	06/28/26 19:03	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 11:20
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2605918-004	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	82	40 - 135	06/28/26 19:03	
13C3-PFHxS	75	40 - 130	06/28/26 19:03	
13C8-PFOS	70	40 - 130	06/28/26 19:03	
13C4-PFBA	67	5 - 130	06/28/26 19:03	
13C5-PFPeA	76	40 - 130	06/28/26 19:03	
13C5-PFHxA	76	40 - 130	06/28/26 19:03	
13C4-PFHpA	72	40 - 130	06/28/26 19:03	
13C8-PFOA	76	40 - 130	06/28/26 19:03	
13C9-PFNA	74	40 - 130	06/28/26 19:03	
13C6-PFDA	69	40 - 130	06/28/26 19:03	
13C7-PFUnDA	64	30 - 130	06/28/26 19:03	
13C2-PFDoDA	59	10 - 130	06/28/26 19:03	
13C2-PFTeDA	60	10 - 130	06/28/26 19:03	
13C8-FOSA	64	40 - 130	06/28/26 19:03	
D3-MeFOSA	60	10 - 130	06/28/26 19:03	
D5-EtFOSA	58	10 - 130	06/28/26 19:03	
D7-MeFOSE	58	10 - 130	06/28/26 19:03	
D9-EtFOSE	56	10 - 130	06/28/26 19:03	
D3-MeFOSAA	63	40 - 170	06/28/26 19:03	
D5-EtFOSAA	59	25 - 135	06/28/26 19:03	
13C2-4:2 FTS	83	40 - 200	06/28/26 19:03	
13C2-6:2 FTS	70	40 - 200	06/28/26 19:03	
13C2-8:2 FTS	68	40 - 300	06/28/26 19:03	
13C3-HFPO-DA	71	40 - 130	06/28/26 19:03	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/02/26 11:50
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-5S	**Units:**	ng/L
Lab Code:	K2605918-005	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)						
Perfluorobutane sulfonic acid (PFBS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)						
Perfluorobutanoic acid (PFBA)	**7.5**	2.0	1	06/28/26 19:35	6/17/26	
Perfluoropentanoic acid (PFPeA)	**4.2**	1.9	1	06/28/26 19:35	6/17/26	
Perfluorohexanoic acid (PFHxA)	**2.5**	1.9	1	06/28/26 19:35	6/17/26	
Perfluoroheptanoic acid (PFHpA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorooctanoic acid (PFOA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorononanoic acid (PFNA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorodecanoic acid (PFDA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorododecanoic acid (PFDOA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluoroalkyl Sulfonamido Substances						
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.9	1	06/28/26 19:35	6/17/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.9	1	06/28/26 19:35	6/17/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.9	1	06/28/26 19:35	6/17/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.9	1	06/28/26 19:35	6/17/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.9	1	06/28/26 19:35	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/02/26 11:50
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-5S	**Units:**	ng/L
Lab Code:	K2605918-005	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)						
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Fluorotelomer Carboxylic Acids (FTCAs)						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	19	1	06/28/26 19:35	6/17/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	19	1	06/28/26 19:35	6/17/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	19	1	06/28/26 19:35	6/17/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)						
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)						
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.9	1	06/28/26 19:35	6/17/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.9	1	06/28/26 19:35	6/17/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.9	1	06/28/26 19:35	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/02/26 11:50
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-5S	**Units:**	ng/L
Lab Code:	K2605918-005	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	80	40 - 135	06/28/26 19:35	
13C3-PFHxS	73	40 - 130	06/28/26 19:35	
13C8-PFOS	67	40 - 130	06/28/26 19:35	
13C4-PFBA	72	5 - 130	06/28/26 19:35	
13C5-PFPeA	81	40 - 130	06/28/26 19:35	
13C5-PFHxA	76	40 - 130	06/28/26 19:35	
13C4-PFHpA	73	40 - 130	06/28/26 19:35	
13C8-PFOA	74	40 - 130	06/28/26 19:35	
13C9-PFNA	74	40 - 130	06/28/26 19:35	
13C6-PFDA	67	40 - 130	06/28/26 19:35	
13C7-PFUnDA	59	30 - 130	06/28/26 19:35	
13C2-PFDoDA	53	10 - 130	06/28/26 19:35	
13C2-PFTeDA	48	10 - 130	06/28/26 19:35	
13C8-FOSA	57	40 - 130	06/28/26 19:35	
D3-MeFOSA	59	10 - 130	06/28/26 19:35	
D5-EtFOSA	55	10 - 130	06/28/26 19:35	
D7-MeFOSE	55	10 - 130	06/28/26 19:35	
D9-EtFOSE	52	10 - 130	06/28/26 19:35	
D3-MeFOSAA	60	40 - 170	06/28/26 19:35	
D5-EtFOSAA	54	25 - 135	06/28/26 19:35	
13C2-4:2 FTS	79	40 - 200	06/28/26 19:35	
13C2-6:2 FTS	76	40 - 200	06/28/26 19:35	
13C2-8:2 FTS	70	40 - 300	06/28/26 19:35	
13C3-HFPO-DA	74	40 - 130	06/28/26 19:35	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 13:05
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-6S	**Units:**	ng/L
Lab Code:	K2605918-006	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)						
Perfluorobutane sulfonic acid (PFBS)	**9.2**	1.9	1	06/28/26 19:51	6/17/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)						
Perfluorobutanoic acid (PFBA)	**21**	2.0	1	06/28/26 19:51	6/17/26	
Perfluoropentanoic acid (PFPeA)	**25**	1.9	1	06/28/26 19:51	6/17/26	
Perfluorohexanoic acid (PFHxA)	**17**	1.9	1	06/28/26 19:51	6/17/26	
Perfluoroheptanoic acid (PFHpA)	**2.7**	1.9	1	06/28/26 19:51	6/17/26	
Perfluorooctanoic acid (PFOA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorononanoic acid (PFNA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorodecanoic acid (PFDA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorododecanoic acid (PFDOA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluoroalkyl Sulfonamido Substances						
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.9	1	06/28/26 19:51	6/17/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.9	1	06/28/26 19:51	6/17/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.9	1	06/28/26 19:51	6/17/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.9	1	06/28/26 19:51	6/17/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.9	1	06/28/26 19:51	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 13:05
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-6S	**Units:**	ng/L
Lab Code:	K2605918-006	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)						
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Fluorotelomer Carboxylic Acids (FTCAs)						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	19	1	06/28/26 19:51	6/17/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	19	1	06/28/26 19:51	6/17/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	19	1	06/28/26 19:51	6/17/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)						
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)						
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.9	1	06/28/26 19:51	6/17/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.9	1	06/28/26 19:51	6/17/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.9	1	06/28/26 19:51	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 13:05
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-6S	**Units:**	ng/L
Lab Code:	K2605918-006	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	81	40 - 135	06/28/26 19:51	
13C3-PFHxS	73	40 - 130	06/28/26 19:51	
13C8-PFOS	70	40 - 130	06/28/26 19:51	
13C4-PFBA	72	5 - 130	06/28/26 19:51	
13C5-PFPeA	80	40 - 130	06/28/26 19:51	
13C5-PFHxA	77	40 - 130	06/28/26 19:51	
13C4-PFHpA	72	40 - 130	06/28/26 19:51	
13C8-PFOA	76	40 - 130	06/28/26 19:51	
13C9-PFNA	74	40 - 130	06/28/26 19:51	
13C6-PFDA	71	40 - 130	06/28/26 19:51	
13C7-PFUnDA	65	30 - 130	06/28/26 19:51	
13C2-PFDoDA	60	10 - 130	06/28/26 19:51	
13C2-PFTeDA	55	10 - 130	06/28/26 19:51	
13C8-FOSA	60	40 - 130	06/28/26 19:51	
D3-MeFOSA	65	10 - 130	06/28/26 19:51	
D5-EtFOSA	63	10 - 130	06/28/26 19:51	
D7-MeFOSE	64	10 - 130	06/28/26 19:51	
D9-EtFOSE	62	10 - 130	06/28/26 19:51	
D3-MeFOSAA	65	40 - 170	06/28/26 19:51	
D5-EtFOSAA	60	25 - 135	06/28/26 19:51	
13C2-4:2 FTS	77	40 - 200	06/28/26 19:51	
13C2-6:2 FTS	75	40 - 200	06/28/26 19:51	
13C2-8:2 FTS	71	40 - 300	06/28/26 19:51	
13C3-HFPO-DA	74	40 - 130	06/28/26 19:51	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 14:10
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-11S	**Units:**	ng/L
Lab Code:	K2605918-007	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)						
Perfluorobutane sulfonic acid (PFBS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)						
Perfluorobutanoic acid (PFBA)	ND U	2.0	1	06/28/26 20:07	6/17/26	
Perfluoropentanoic acid (PFPeA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorohexanoic acid (PFHxA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluoroheptanoic acid (PFHpA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorooctanoic acid (PFOA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorononanoic acid (PFNA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorodecanoic acid (PFDA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorododecanoic acid (PFDOA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluoroalkyl Sulfonamido Substances						
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.8	1	06/28/26 20:07	6/17/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.8	1	06/28/26 20:07	6/17/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.8	1	06/28/26 20:07	6/17/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.8	1	06/28/26 20:07	6/17/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.8	1	06/28/26 20:07	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 14:10
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-11S	**Units:**	ng/L
Lab Code:	K2605918-007	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)						
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Fluorotelomer Carboxylic Acids (FTCAs)						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	18	1	06/28/26 20:07	6/17/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	18	1	06/28/26 20:07	6/17/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	18	1	06/28/26 20:07	6/17/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)						
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)						
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.8	1	06/28/26 20:07	6/17/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.8	1	06/28/26 20:07	6/17/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.8	1	06/28/26 20:07	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 14:10
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-11S	**Units:**	ng/L
Lab Code:	K2605918-007	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	83	40 - 135	06/28/26 20:07	
13C3-PFHxS	73	40 - 130	06/28/26 20:07	
13C8-PFOS	70	40 - 130	06/28/26 20:07	
13C4-PFBA	74	5 - 130	06/28/26 20:07	
13C5-PFPeA	83	40 - 130	06/28/26 20:07	
13C5-PFHxA	78	40 - 130	06/28/26 20:07	
13C4-PFHpA	75	40 - 130	06/28/26 20:07	
13C8-PFOA	76	40 - 130	06/28/26 20:07	
13C9-PFNA	76	40 - 130	06/28/26 20:07	
13C6-PFDA	69	40 - 130	06/28/26 20:07	
13C7-PFUnDA	61	30 - 130	06/28/26 20:07	
13C2-PFDoDA	55	10 - 130	06/28/26 20:07	
13C2-PFTeDA	53	10 - 130	06/28/26 20:07	
13C8-FOSA	61	40 - 130	06/28/26 20:07	
D3-MeFOSA	56	10 - 130	06/28/26 20:07	
D5-EtFOSA	54	10 - 130	06/28/26 20:07	
D7-MeFOSE	59	10 - 130	06/28/26 20:07	
D9-EtFOSE	58	10 - 130	06/28/26 20:07	
D3-MeFOSAA	62	40 - 170	06/28/26 20:07	
D5-EtFOSAA	57	25 - 135	06/28/26 20:07	
13C2-4:2 FTS	82	40 - 200	06/28/26 20:07	
13C2-6:2 FTS	77	40 - 200	06/28/26 20:07	
13C2-8:2 FTS	70	40 - 300	06/28/26 20:07	
13C3-HFPO-DA	75	40 - 130	06/28/26 20:07	

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 08:00
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-13S	**Units:**	ng/L
Lab Code:	K2605918-008	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)						
Perfluorobutane sulfonic acid (PFBS)	**6.6**	1.9	1	06/28/26 20:23	6/17/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluorononane sulfonic acid (PFNS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)						
Perfluorobutanoic acid (PFBA)	**42**	2.0	1	06/28/26 20:23	6/17/26	
Perfluoropentanoic acid (PFPeA)	**39**	1.9	1	06/28/26 20:23	6/17/26	
Perfluorohexanoic acid (PFHxA)	**24**	1.9	1	06/28/26 20:23	6/17/26	
Perfluoroheptanoic acid (PFHpA)	**11**	1.9	1	06/28/26 20:23	6/17/26	
Perfluorooctanoic acid (PFOA)	**5.7**	1.9	1	06/28/26 20:23	6/17/26	
Perfluorononanoic acid (PFNA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluorodecanoic acid (PFDA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluorododecanoic acid (PFDOA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluoroalkyl Sulfonamido Substances						
Perfluorooctane sulfonamide (PFOSAm)	ND U	1.9	1	06/28/26 20:23	6/17/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	1.9	1	06/28/26 20:23	6/17/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	1.9	1	06/28/26 20:23	6/17/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	1.9	1	06/28/26 20:23	6/17/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	1.9	1	06/28/26 20:23	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 08:00
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-13S	**Units:**	ng/L
Lab Code:	K2605918-008	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)						
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Fluorotelomer Carboxylic Acids (FTCAs)						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	19	1	06/28/26 20:23	6/17/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	19	1	06/28/26 20:23	6/17/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	19	1	06/28/26 20:23	6/17/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)						
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)						
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	1.9	1	06/28/26 20:23	6/17/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	1.9	1	06/28/26 20:23	6/17/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	1.9	1	06/28/26 20:23	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	06/03/26 08:00
Sample Matrix:	Water	**Date Received:**	06/09/26 09:15
Sample Name:	MW-13S	**Units:**	ng/L
Lab Code:	K2605918-008	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	80	40 - 135	06/28/26 20:23	
13C3-PFHxS	71	40 - 130	06/28/26 20:23	
13C8-PFOS	69	40 - 130	06/28/26 20:23	
13C4-PFBA	65	5 - 130	06/28/26 20:23	
13C5-PFPeA	76	40 - 130	06/28/26 20:23	
13C5-PFHxA	75	40 - 130	06/28/26 20:23	
13C4-PFHpA	72	40 - 130	06/28/26 20:23	
13C8-PFOA	73	40 - 130	06/28/26 20:23	
13C9-PFNA	72	40 - 130	06/28/26 20:23	
13C6-PFDA	67	40 - 130	06/28/26 20:23	
13C7-PFUnDA	60	30 - 130	06/28/26 20:23	
13C2-PFDoDA	52	10 - 130	06/28/26 20:23	
13C2-PFTeDA	49	10 - 130	06/28/26 20:23	
13C8-FOSA	57	40 - 130	06/28/26 20:23	
D3-MeFOSA	54	10 - 130	06/28/26 20:23	
D5-EtFOSA	52	10 - 130	06/28/26 20:23	
D7-MeFOSE	53	10 - 130	06/28/26 20:23	
D9-EtFOSE	50	10 - 130	06/28/26 20:23	
D3-MeFOSAA	61	40 - 170	06/28/26 20:23	
D5-EtFOSAA	54	25 - 135	06/28/26 20:23	
13C2-4:2 FTS	78	40 - 200	06/28/26 20:23	
13C2-6:2 FTS	69	40 - 200	06/28/26 20:23	
13C2-8:2 FTS	64	40 - 300	06/28/26 20:23	
13C3-HFPO-DA	72	40 - 130	06/28/26 20:23	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ng/L
Lab Code:	KQ2609707-04	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Perfluoroalkyl Sulfonic Acids (PFSAs)						
Perfluorobutane sulfonic acid (PFBS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluoropentane sulfonic acid (PFPeS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorohexane sulfonic acid (PFHxS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluoroheptane sulfonic acid (PFHpS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorooctane sulfonic acid (PFOS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorononane sulfonic acid (PFNS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorodecane sulfonic acid (PFDS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorododecane sulfonic acid (PFDoS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluoroalkyl Carboxylic Acids (PFCAs)						
Perfluorobutanoic acid (PFBA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluoropentanoic acid (PFPeA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorohexanoic acid (PFHxA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluoroheptanoic acid (PFHpA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorooctanoic acid (PFOA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorononanoic acid (PFNA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorodecanoic acid (PFDA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluoroundecanoic acid (PFUnDA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorododecanoic acid (PFDOA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorotridecanoic acid (PFTrDA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluorotetradecanoic acid (PFTDA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluoroalkyl Sulfonamido Substances						
Perfluorooctane sulfonamide (PFOSAm)	ND U	2.0	1	06/28/26 16:53	6/17/26	
N-Methylperfluorooctane sulfonamide (MeFOSA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ND U	2.0	1	06/28/26 16:53	6/17/26	
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ND U	2.0	1	06/28/26 16:53	6/17/26	
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ND U	2.0	1	06/28/26 16:53	6/17/26	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ND U	2.0	1	06/28/26 16:53	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ng/L
Lab Code:	KQ2609707-04	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Analyte Name	Result	LOQ	Dil.	Date Analyzed	Date Extracted	Q
Fluorotelomer Sulfonic Acids (FTSAs)						
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Fluorotelomer Carboxylic Acids (FTCAs)						
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ND U	20	1	06/28/26 16:53	6/17/26	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ND U	20	1	06/28/26 16:53	6/17/26	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ND U	20	1	06/28/26 16:53	6/17/26	
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)						
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)						
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ND U	2.0	1	06/28/26 16:53	6/17/26	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND U	2.0	1	06/28/26 16:53	6/17/26	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ND U	2.0	1	06/28/26 16:53	6/17/26	

Analytical Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ng/L
Lab Code:	KQ2609707-04	**Basis:**	NA

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Prep Method: Method

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
13C3-PFBS	82	40 - 135	06/28/26 16:53	
13C3-PFHxS	77	40 - 130	06/28/26 16:53	
13C8-PFOS	74	40 - 130	06/28/26 16:53	
13C4-PFBA	81	5 - 130	06/28/26 16:53	
13C5-PFPeA	86	40 - 130	06/28/26 16:53	
13C5-PFHxA	79	40 - 130	06/28/26 16:53	
13C4-PFHpA	75	40 - 130	06/28/26 16:53	
13C8-PFOA	75	40 - 130	06/28/26 16:53	
13C9-PFNA	76	40 - 130	06/28/26 16:53	
13C6-PFDA	74	40 - 130	06/28/26 16:53	
13C7-PFUnDA	72	30 - 130	06/28/26 16:53	
13C2-PFDoDA	66	10 - 130	06/28/26 16:53	
13C2-PFTeDA	60	10 - 130	06/28/26 16:53	
13C8-FOSA	60	40 - 130	06/28/26 16:53	
D3-MeFOSA	69	10 - 130	06/28/26 16:53	
D5-EtFOSA	68	10 - 130	06/28/26 16:53	
D7-MeFOSE	63	10 - 130	06/28/26 16:53	
D9-EtFOSE	61	10 - 130	06/28/26 16:53	
D3-MeFOSAA	68	40 - 170	06/28/26 16:53	
D5-EtFOSAA	63	25 - 135	06/28/26 16:53	
13C2-4:2 FTS	85	40 - 200	06/28/26 16:53	
13C2-6:2 FTS	79	40 - 200	06/28/26 16:53	
13C2-8:2 FTS	77	40 - 300	06/28/26 16:53	
13C3-HFPO-DA	76	40 - 130	06/28/26 16:53	

Client: Onsite Environmental Incorporated **Service Request:** K2605918
Project: 553-8472-012/
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Extraction Method: Method

Surrogate	Control Limits	MW-1S K2605918-001	MW-2S K2605918-002	MW-3S K2605918-003
13C3-PFBS	40-135	85	83	80
13C3-PFHxS	40-130	78	77	75
13C8-PFOS	40-130	73	73	71
13C4-PFBA	5-130	80	79	70
13C5-PFPeA	40-130	86	84	78
13C5-PFHxA	40-130	81	80	76
13C4-PFHpA	40-130	78	76	73
13C8-PFOA	40-130	79	79	74
13C9-PFNA	40-130	78	78	75
13C6-PFDA	40-130	75	74	69
13C7-PFUnDA	30-130	67	67	63
13C2-PFDoDA	10-130	57	59	58
13C2-PFTeDA	10-130	52	55	56
13C8-FOSA	40-130	58	65	65
D3-MeFOSA	10-130	54	59	61
D5-EtFOSA	10-130	53	55	58
D7-MeFOSE	10-130	53	56	55
D9-EtFOSE	10-130	51	52	53
D3-MeFOSAA	40-170	61	66	63
D5-EtFOSAA	25-135	55	59	55
13C2-4:2 FTS	40-200	85	83	78
13C2-6:2 FTS	40-200	80	80	76
13C2-8:2 FTS	40-300	69	77	69
13C3-HFPO-DA	40-130	79	77	73

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:** K2605918
Project: 553-8472-012/
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Extraction Method: Method

Surrogate	Control Limits	MW-4S K2605918-004	MW-5S K2605918-005	MW-6S K2605918-006
13C3-PFBS	40-135	82	80	81
13C3-PFHxS	40-130	75	73	73
13C8-PFOS	40-130	70	67	70
13C4-PFBA	5-130	67	72	72
13C5-PFPeA	40-130	76	81	80
13C5-PFHxA	40-130	76	76	77
13C4-PFHpA	40-130	72	73	72
13C8-PFOA	40-130	76	74	76
13C9-PFNA	40-130	74	74	74
13C6-PFDA	40-130	69	67	71
13C7-PFUnDA	30-130	64	59	65
13C2-PFDoDA	10-130	59	53	60
13C2-PFTeDA	10-130	60	48	55
13C8-FOSA	40-130	64	57	60
D3-MeFOSA	10-130	60	59	65
D5-EtFOSA	10-130	58	55	63
D7-MeFOSE	10-130	58	55	64
D9-EtFOSE	10-130	56	52	62
D3-MeFOSAA	40-170	63	60	65
D5-EtFOSAA	25-135	59	54	60
13C2-4:2 FTS	40-200	83	79	77
13C2-6:2 FTS	40-200	70	76	75
13C2-8:2 FTS	40-300	68	70	71
13C3-HFPO-DA	40-130	71	74	74

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

QA/QC Report

Client: Onsite Environmental Incorporated **Service Request:** K2605918
Project: 553-8472-012/
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Extraction Method: Method

Surrogate	Control Limits	MW-11S K2605918-007	MW-13S K2605918-008	MW-4S KQ2609707-01
13C3-PFBS	40-135	83	80	79
13C3-PFHxS	40-130	73	71	73
13C8-PFOS	40-130	70	69	68
13C4-PFBA	5-130	74	65	64
13C5-PFPeA	40-130	83	76	76
13C5-PFHxA	40-130	78	75	76
13C4-PFHpA	40-130	75	72	73
13C8-PFOA	40-130	76	73	73
13C9-PFNA	40-130	76	72	73
13C6-PFDA	40-130	69	67	68
13C7-PFUnDA	30-130	61	60	64
13C2-PFDoDA	10-130	55	52	57
13C2-PFTeDA	10-130	53	49	56
13C8-FOSA	40-130	61	57	59
D3-MeFOSA	10-130	56	54	57
D5-EtFOSA	10-130	54	52	55
D7-MeFOSE	10-130	59	53	55
D9-EtFOSE	10-130	58	50	52
D3-MeFOSAA	40-170	62	61	59
D5-EtFOSAA	25-135	57	54	55
13C2-4:2 FTS	40-200	82	78	79
13C2-6:2 FTS	40-200	77	69	72
13C2-8:2 FTS	40-300	70	64	64
13C3-HFPO-DA	40-130	75	72	72

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:** K2605918
Project: 553-8472-012/
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method: 1633
Extraction Method: Method

Surrogate	Control Limits	Method Blank KQ2609707-04	Lab Control Sample KQ2609707-02	Low Level Lab Control Sample KQ2609707-03
13C3-PFBS	40-135	82	79	79
13C3-PFHxS	40-130	77	73	73
13C8-PFOS	40-130	74	72	72
13C4-PFBA	5-130	81	78	78
13C5-PFPeA	40-130	86	81	81
13C5-PFHxA	40-130	79	74	75
13C4-PFHpA	40-130	75	71	72
13C8-PFOA	40-130	75	74	73
13C9-PFNA	40-130	76	74	76
13C6-PFDA	40-130	74	73	74
13C7-PFUnDA	30-130	72	69	71
13C2-PFDoDA	10-130	66	64	65
13C2-PFTeDA	10-130	60	54	60
13C8-FOSA	40-130	60	57	57
D3-MeFOSA	10-130	69	66	65
D5-EtFOSA	10-130	68	65	63
D7-MeFOSE	10-130	63	61	63
D9-EtFOSE	10-130	61	58	61
D3-MeFOSAA	40-170	68	66	67
D5-EtFOSAA	25-135	63	61	62
13C2-4:2 FTS	40-200	85	81	82
13C2-6:2 FTS	40-200	79	78	76
13C2-8:2 FTS	40-300	77	75	76
13C3-HFPO-DA	40-130	76	71	71

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

QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project	553-8472-012	**Date Collected:**	06/03/26
Sample Matrix:	Water	**Date Received:**	06/09/26
		Date Analyzed:	06/28/26

Replicate Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2605918-004	**Basis:**	NA

Analyte Name	Analysis Method	LOQ	LOD	Sample Result	Duplicate Sample KQ2609707-01 Result	Average	RPD	RPD Limit
Perfluorobutane sulfonic acid (PFBS)	1633	1.8	0.89	6.4	6.5	6.49	1	30
Perfluoropentane sulfonic acid (PFPeS)	1633	1.8	0.94	ND U	ND U	NC	NC	30
Perfluorohexane sulfonic acid (PFHxS)	1633	1.8	0.91	ND U	ND U	NC	NC	30
Perfluoroheptane sulfonic acid (PFHpS)	1633	1.8	0.95	ND U	ND U	NC	NC	30
Perfluorooctane sulfonic acid (PFOS)	1633	1.8	0.93	ND U	ND U	NC	NC	30
Perfluorononane sulfonic acid (PFNS)	1633	1.8	0.96	ND U	ND U	NC	NC	30
Perfluorodecane sulfonic acid (PFDS)	1633	1.8	0.97	ND U	ND U	NC	NC	30
Perfluorododecane sulfonic acid (PFDoS)	1633	1.8	0.97	ND U	ND U	NC	NC	30
Perfluorobutanoic acid (PFBA)	1633	2.0	2.0	41	40	40.4	2	30
Perfluoropentanoic acid (PFPeA)	1633	1.8	1.0	38	37	37.9	3	30
Perfluorohexanoic acid (PFHxA)	1633	1.8	1.0	24	24	23.9	1	30
Perfluoroheptanoic acid (PFHpA)	1633	1.8	1.0	11	11	11.2	2	30
Perfluorooctanoic acid (PFOA)	1633	1.8	1.0	5.6	5.6	5.60	<1	30
Perfluorononanoic acid (PFNA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
Perfluorodecanoic acid (PFDA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
Perfluoroundecanoic acid (PFUnDA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
Perfluorododecanoic acid (PFDOA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
Perfluorotridecanoic acid (PFTrDA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
Perfluorotetradecanoic acid (PFTDA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
Perfluorooctane sulfonamide (PFOSAm)	1633	1.8	1.0	ND U	ND U	NC	NC	30
N-Methylperfluorooctane sulfonamide (MeFOSA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	1633	1.8	1.0	ND U	ND U	NC	NC	30
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	1633	1.8	1.0	ND U	ND U	NC	NC	30
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	1633	1.8	1.0	ND U	ND U	NC	NC	30
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	1633	1.8	0.94	ND U	ND U	NC	NC	30
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	1633	1.8	1.4	ND U	ND U	NC	NC	30
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	1633	1.8	0.96	ND U	ND U	NC	NC	30
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	1633	18	10	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.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project	553-8472-012	**Date Collected:**	06/03/26
Sample Matrix:	Water	**Date Received:**	06/09/26
		Date Analyzed:	06/28/26

Replicate Sample Summary

Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Sample Name:	MW-4S	**Units:**	ng/L
Lab Code:	K2605918-004	**Basis:**	NA

Analyte Name	Analysis Method	LOQ	LOD	Sample Result	Duplicate Sample KQ2609707-01 Result	Average	RPD	RPD Limit
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	1633	18	10	ND U	ND U	NC	NC	30
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	1633	18	10	ND U	ND U	NC	NC	30
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	1633	1.8	0.89	ND U	ND U	NC	NC	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	1633	1.8	0.93	ND U	ND U	NC	NC	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	1633	1.8	0.94	ND U	ND U	NC	NC	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	1633	1.8	1.0	ND U	ND U	NC	NC	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	1633	1.8	1.0	ND U	ND U	NC	NC	30
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	1633	1.8	0.95	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.

QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Analyzed:**	06/28/26
Sample Matrix:	Water	**Date Extracted:**	06/17/26

Lab Control Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method:	1633	**Units:**	ng/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	925480

Lab Control Sample
KQ2609707-02

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	19.0	18.9	101	55-160
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	24.4	19.2	127	60-150
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	24.3	18.7	130	70-145
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	24.6	19.0	129	65-155
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	177	200	88	50-145
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	211	200	106	70-135
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	206	200	103	65-130
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	24.5	18.9	130	65-145
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	22.1	18.7	119	70-155
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	25.8	20.0	129	70-140
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	23.5	20.0	117	65-145
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	26.0	20.0	130	70-145
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	22.4	20.0	112	70-135
N-Methylperfluorooctane sulfonamide (MeFOSA)	22.9	20.0	115	60-150
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	24.4	20.0	122	50-140
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	22.8	20.0	114	70-145
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	25.6	20.0	128	50-150
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	22.9	17.8	129	70-140
Perfluoro-3-methoxypropanoic acid (PFMPA)	21.5	20.0	108	55-140
Perfluoro-4-methoxybutanoic acid (PFMBA)	24.0	20.0	120	60-150
Perfluorobutane sulfonic acid (PFBS)	22.9	17.7	129	60-145
Perfluorobutanoic acid (PFBA)	25.1	20.0	126	70-140
Perfluorodecane sulfonic acid (PFDS)	22.6	19.3	117	60-145
Perfluorodecanoic acid (PFDA)	25.7	20.0	128	70-140
Perfluorododecane sulfonic acid (PFDoS)	18.8	19.4	97	50-145
Perfluorododecanoic acid (PFDOA)	24.3	20.0	121	70-140
Perfluoroheptane sulfonic acid (PFHpS)	26.8	19.1	141	70-150
Perfluoroheptanoic acid (PFHpA)	25.6	20.0	128	70-150
Perfluorohexane sulfonic acid (PFHxS)	23.2	18.3	127	65-145
Perfluorohexanoic acid (PFHxA)	25.1	20.0	126	70-145
Perfluorononane sulfonic acid (PFNS)	24.9	19.2	130	65-145

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Analyzed:**	06/28/26
Sample Matrix:	Water	**Date Extracted:**	06/17/26

Lab Control Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method:	1633	**Units:**	ng/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	925480

Lab Control Sample
KQ2609707-02

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Perfluorononanoic acid (PFNA)	25.1	20.0	126	70-150
Perfluorooctane sulfonamide (PFOSAm)	26.1	20.0	131	70-145
Perfluorooctane sulfonic acid (PFOS)	24.3	18.6	131	55-150
Perfluorooctanoic acid (PFOA)	24.9	20.0	124	70-150
Perfluoropentane sulfonic acid (PFPeS)	25.7	18.8	137	65-140
Perfluoropentanoic acid (PFPeA)	25.0	20.0	125	65-135
Perfluorotetradecanoic acid (PFTDA)	24.9	20.0	125	60-140
Perfluorotridecanoic acid (PFTrDA)	23.4	20.0	117	65-140
Perfluoroundecanoic acid (PFUnDA)	25.9	20.0	129	70-145

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Analyzed:**	06/28/26
Sample Matrix:	Water	**Date Extracted:**	06/17/26

Lab Control Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method:	1633	**Units:**	ng/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	925480

Low Level Lab Control Sample
KQ2609707-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	3.70	3.77	98	55-160
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.52	3.84	118	60-150
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	4.32	3.75	115	70-145
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.66	3.80	123	65-155
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	33.3	40.0	83	50-145
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	38.7	40.0	97	70-135
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	38.2	40.0	95	65-130
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	4.34	3.78	115	65-145
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	4.10	3.73	110	70-155
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	4.76	4.00	119	70-140
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	4.56	4.00	114	65-145
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	5.02	4.00	126	70-145
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	4.56	4.00	114	70-135
N-Methylperfluorooctane sulfonamide (MeFOSA)	4.50	4.00	113	60-150
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	4.84	4.00	121	50-140
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	4.34	4.00	109	70-145
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.58	4.00	115	50-150
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	4.18	3.56	117	70-140
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.94	4.00	99	55-140
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.30	4.00	108	60-150
Perfluorobutane sulfonic acid (PFBS)	4.22	3.55	119	60-145
Perfluorobutanoic acid (PFBA)	4.82	4.00	121	70-140
Perfluorodecane sulfonic acid (PFDS)	4.40	3.86	114	60-145
Perfluorodecanoic acid (PFDA)	4.38	4.00	110	70-140
Perfluorododecane sulfonic acid (PFDoS)	3.88	3.88	100	50-145
Perfluorododecanoic acid (PFDOA)	4.70	4.00	118	70-140
Perfluoroheptane sulfonic acid (PFHpS)	5.18	3.81	136	70-150
Perfluoroheptanoic acid (PFHpA)	4.58	4.00	115	70-150
Perfluorohexane sulfonic acid (PFHxS)	4.66	3.66	127	65-145
Perfluorohexanoic acid (PFHxA)	4.56	4.00	114	70-145
Perfluorononane sulfonic acid (PFNS)	4.70	3.85	122	65-145

QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Analyzed:**	06/28/26
Sample Matrix:	Water	**Date Extracted:**	06/17/26

Lab Control Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Analysis Method:	1633	**Units:**	ng/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	925480

Low Level Lab Control Sample
KQ2609707-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Perfluorononanoic acid (PFNA)	4.34	4.00	109	70-150
Perfluorooctane sulfonamide (PFOSAm)	5.18	4.00	130	70-145
Perfluorooctane sulfonic acid (PFOS)	4.16	3.71	112	55-150
Perfluorooctanoic acid (PFOA)	4.46	4.00	112	70-150
Perfluoropentane sulfonic acid (PFPeS)	4.74	3.76	126	65-140
Perfluoropentanoic acid (PFPeA)	4.60	4.00	115	65-135
Perfluorotetradecanoic acid (PFTDA)	5.00	4.00	125	60-140
Perfluorotridecanoic acid (PFTrDA)	4.66	4.00	117	65-140
Perfluoroundecanoic acid (PFUnDA)	4.88	4.00	122	70-145

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Onsite Environmental Incorporated	**Service Request:**	K2605918
Project:	553-8472-012	**Date Analyzed:**	06/28/26 17:26
Sample Matrix:	Water	**Date Extracted:**	06/17/26

Lab Control Sample Summary
Per- and Polyfluoroalkyl Substances (PFAS) by LC/MS/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	K-LCMS-10
Lab Code:	KQ2609707-02	**File ID:**	J:\LCMS10\DATA\260624_1633_B7\260624_1633-0373.d
Analysis Method:	1633	**Analysis Lot:**	925480
Prep Method:	Method	**Extraction Lot:**	477913

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	KQ2609707-04	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 16:53 -0371.d	
Low Level Lab Control Sample	KQ2609707-03	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 17:10 -0372.d	
MW-1S	K2605918-001	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 17:42 -0374.d	
MW-2S	K2605918-002	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 17:58 -0375.d	
MW-3S	K2605918-003	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 18:46 -0378.d	
MW-4S	K2605918-004	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 19:03 -0379.d	
MW-4SDUP	KQ2609707-01	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 19:19 -0380.d	
MW-5S	K2605918-005	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 19:35 -0381.d	
MW-6S	K2605918-006	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 19:51 -0382.d	
MW-11S	K2605918-007	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 20:07 -0383.d	
MW-13S	K2605918-008	J:\LCMS10\DATA\260624_1633_B7\260624_163306/28/26 20:23 -0384.d	

ANATEK LABS

Analytical Results Report For:

OnSite Environmental, Inc.

Project:

Parametrix DTG Yakima

Anatek Work Order:

YGF0068

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:	YGF0068
Address:	14648 NE. 95th St.	Project:	Parametrix DTG Yakima
	Redmond, WA 98052	Reported:	6/5/2026 11:01
Attn:	David Baumeister		

Analytical Results Report

Sample Location:	MW-5S		
Lab/Sample Number:	YGF0068-01	Collect Date:	06/02/26 11:50
Date Received:	06/02/26 16:45	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	6/3/26 13:52	ASG	Hach 10206	

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Sample Location:	MW-7D		
Lab/Sample Number:	YGF0068-02	Collect Date:	06/02/26 14:30
Date Received:	06/02/26 16:45	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	6/3/26 13:52	ASG	Hach 10206	

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Sample Location:	MW-8D		
Lab/Sample Number:	YGF0068-03	Collect Date:	06/02/26 16:00
Date Received:	06/02/26 16:45	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	1.14	mg/L	0.200	6/3/26 13:52	ASG	Hach 10206	

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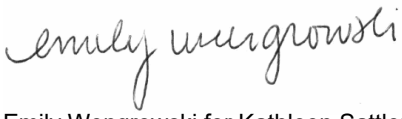
Authorized Signature,



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: BGF0224 - Y Hach Vial										
Blank (BGF0224-BLK1)					Prepared: 06/03/26 13:37- Analyzed: 06/03/26 13:52					
Nitrate as N	ND		0.200	mg/L						
LCS (BGF0224-BS1)					Prepared: 06/03/26 13:37- Analyzed: 06/03/26 13:52					
Nitrate as N	5.24		0.200	mg/L	5.00		105	90-110		
MRL Check (BGF0224-MRL1)					Prepared: 06/03/26 13:37- Analyzed: 06/03/26 13:52					
Nitrate as N	0.280		0.200	mg/L	0.230		122	50-150		
Matrix Spike (BGF0224-MS1)		**Source: YGF0068-02**			Prepared: 06/03/26 14:05- Analyzed: 06/03/26 14:20					
Nitrate as N	5.23		0.200	mg/L	5.00	ND	105	80-120		
Matrix Spike Dup (BGF0224-MSD1)		**Source: YGF0068-02**			Prepared: 06/03/26 14:05- Analyzed: 06/03/26 14:20					
Nitrate as N	5.23		0.200	mg/L	5.00	ND	105	80-120	0.00	20

ANATEK LABS

Chain of Custody Record

Ana
1282 Alturas Drive,
504 E Sprague Ste D,

YGF0068

Due: 06/17/26

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

Pl

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	Preservative:	# of Containers	Sample Volume	Nitrate
	~~MW-1S~~		~~Water~~		1		X
	~~MW-2S~~		~~Water~~		1		X
	~~MW-3S~~		~~Water~~		1		X
	~~MW-4S~~		~~Water~~		2		X
	MW-5S	6/2 1150	Water		1		X
	~~MW-6S~~		~~Water~~		1		X
	~~MW-11S~~		~~Water~~		1		X
	~~MW-13S~~		~~Water~~		1		X
	MW-7D	6/2 1430	Water		1		X
	MW-8D	6/2 - 1600	Water		1		X
	~~MW-9D~~		~~Water~~		1		X
	~~MW-10D~~		~~Water~~		1		X
SW	~~Leachate Pond~~		~~Water~~		1		X

Note Special Instructions/Comments

Extra MS/MSD volume @ MW-4S

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:_____
Inspected By:_____

	Printed Name	Signature	Company	Date	Time
Relinquished by	Brianna Hines		Parametrix	6/2/26	1645
Received by	G. Stubblefield		Anatek	6/2/26	16:45
Relinquished by					
Received by					
Relinquished by					
Received by					

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

ANATEK LABS		
	Document #:	FRM-0052
	Revision:	04
	Status:	Release
	Effective Date:	26 Feb 2026

Sample Receipt and Preservation Form

Cooler Temperature
Read (°C): 4.8
Corrected (°C): 4.7
Thermometer Used: DIG.01

Client Name: Parametrix

TAT: (Normal) RUSH: _____ days

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

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: 3

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:

P500 x 3

YGF0068

Due: 06/17/26

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

Received/Inspected By: _____ Date/Time: 6/2/26 16:45

ANATEK LABS

Analytical Results Report For:

OnSite Environmental, Inc.

Project:

Parametrix DTG Yakima

Anatek Work Order:

YGF0105

Anatek Moscow - 1282 Alturas Drive - Moscow, ID 83843 - 208-883-2839 - moscow@anateklabs.com - FL NELAP E87893
Anatek Spokane - 504 E Sprague Ste. D - Spokane, WA 99202 - 509-838-3999 - spokane@anateklabs.com - FL NELAP E871099
Anatek Yakima - 4802 Tieton Drive - Yakima, WA 98908 - 509-225-9404 - yakima@anateklabs.com - FL NELAP E871190
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Client:	OnSite Environmental, Inc.	Work Order:	YGF0105
Address:	14648 NE. 95th St.	Project:	Parametrix DTG Yakima
	Redmond, WA 98052	Reported:	6/5/2026 11:09
Attn:	David Baumeister		

Analytical Results Report

Sample Location:	MW-1S		
Lab/Sample Number:	YGF0105-01	Collect Date:	06/03/26 17:45
Date Received:	06/04/26 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	0.362	mg/L	0.200	6/4/26 16:12	ASG	Hach 10206	

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Sample Location:	MW-2S		
Lab/Sample Number:	YGF0105-02	Collect Date:	06/03/26 10:05
Date Received:	06/04/26 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	0.658	mg/L	0.200	6/4/26 16:12	ASG	Hach 10206	

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Sample Location:	MW-3S		
Lab/Sample Number:	YGF0105-03	Collect Date:	06/03/26 16:10
Date Received:	06/04/26 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	12.3	mg/L	0.200	6/4/26 16:12	ASG	Hach 10206	

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Sample Location:	MW-4S		
Lab/Sample Number:	YGF0105-04	Collect Date:	06/03/26 11:20
Date Received:	06/04/26 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	76.3	mg/L	2.00	6/4/26 16:39	ASG	Hach 10206	

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Sample Location:	MW-6S		
Lab/Sample Number:	YGF0105-05	Collect Date:	06/03/26 13:05
Date Received:	06/04/26 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	17.8	mg/L	2.00	6/4/26 16:39	ASG	Hach 10206	

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Sample Location:	MW-11S		
Lab/Sample Number:	YGF0105-06	Collect Date:	06/03/26 14:10
Date Received:	06/04/26 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	1.92	mg/L	0.200	6/4/26 16:12	ASG	Hach 10206	

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Sample Location:	MW-13S		
Lab/Sample Number:	YGF0105-07	Collect Date:	06/03/26 08:00
Date Received:	06/04/26 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	71.3	mg/L	2.00	6/4/26 16:39	ASG	Hach 10206	

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Sample Location:	MW-9D		
Lab/Sample Number:	YGF0105-08	Collect Date:	06/03/26 15:10
Date Received:	06/04/26 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	ND	mg/L	0.200	6/4/26 16:12	ASG	Hach 10206	

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Sample Location:	MW-10D		
Lab/Sample Number:	YGF0105-09	Collect Date:	06/03/26 17:00
Date Received:	06/04/26 08:00	Collected By:	Brianna Hines
Matrix:	Water		

Analyte	Result	Units	PQL	Analyzed	Analyst	Method	Qualifier
Inorganics							
Nitrate/N	1.59	mg/L	0.200	6/4/26 16:12	ASG	Hach 10206	

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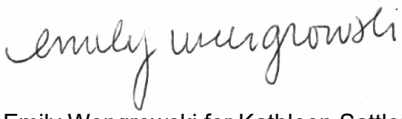
Authorized Signature,



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.

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

Quality Control Data

Inorganics

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BGF0228 - Y Hach Vial										
Blank (BGF0228-BLK1)					Prepared: 06/04/26 09:43- Analyzed: 06/04/26 09:58					
Nitrate as N	ND		0.200	mg/L						
LCS (BGF0228-BS1)					Prepared: 06/04/26 09:43- Analyzed: 06/04/26 09:58					
Nitrate as N	5.06		0.200	mg/L	5.00		101	90-110		
Duplicate (BGF0228-DUP1)		**Source: YGF0105-04**			Prepared: 06/04/26 16:24- Analyzed: 06/04/26 16:39					
Nitrate as N	76.5		2.00	mg/L		76.3			0.262	200
MRL Check (BGF0228-MRL1)					Prepared: 06/04/26 09:43- Analyzed: 06/04/26 09:58					
Nitrate as N	0.277		0.200	mg/L	0.230		120	50-150		
Matrix Spike (BGF0228-MS1)		**Source: AGF0080-01**			Prepared: 06/04/26 09:43- Analyzed: 06/04/26 09:58					
Nitrate as N	85.7		2.00	mg/L	50.0	39.3	92.8	80-120		
Matrix Spike Dup (BGF0228-MSD1)		**Source: AGF0080-01**			Prepared: 06/04/26 09:43- Analyzed: 06/04/26 09:58					
Nitrate as N	84.4		2.00	mg/L	50.0	39.3	90.2	80-120	1.53	20

YGF0105

Due: 06/18/26

ANATEK LABS

Chain of Custody Record

Anatek
1282 Alturas Drive, Mos
504 E Sprague Ste D, Spok

Turn

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

Please refer to our normal turn around times at 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	6/3/26 - 1745	Water	1		x
	MW-2S	6/3/26-1005	Water	1		x
	MW-3S	6/3/26 - 1610	Water	1		x
	MW-4S	6/3/26 1120	Water	2		x
	~~MW-5S~~		~~Water~~	~~1~~		~~x~~
	MW-6S	6/3/26 - 1305	Water	1		x
	MW-11S	6/3/26 - 1410	Water	1		x
	MW-13S	6/3/26 - 0800	Water	1		x
	~~MW-7D~~		~~Water~~	~~1~~		~~x~~
	~~MW-8D~~		~~Water~~	1		x
	MW-9D	6/3/26 - 1510	Water	1		X
	MW-10D	6/3/26 - 1700	Water	1		X
SN	~~Leachate Pond~~		~~Water~~	~~1~~		~~X~~

Note Special Instructions/Comments

Extra MS/MSD volume @ MW-4S

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): 2.0/1.8 DIG.01
Number of Containers: 1.9 @@
Shipped Via:_____
Preservative:_____
Date & Time:_____
Inspected By:_____

	Printed Name	Signature	Company	Date	Time
Relinquished by	Brianna L Hines		Parametrix	6/4/26	0800
Received by	G. Stubblefield		Anatek	6/4/26	0800
Relinquished by					
Received by					
Relinquished by					
Received by					

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

YGF0105

Due: 06/18/26

ANATEK LABS		
	Document #:	FRM-0052
	Revision:	04
	Status:	Release
	Effective Date:	26 Feb 2026

Sample Receipt and Preservation Form

Cooler Temperature
Read (°C): 2.0
Corrected (°C): 1.9
Thermometer Used: DIG.01

Client Name: Parametrix

TAT: (Normal) RUSH: _____ days

Samples Received From: FedEx UPS USPS (Hand) Courier Huber 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: 10				

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

P500 x10

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

Received/Inspected By: _____ Date/Time: 6/4/26 8:00

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: 553-8472-012
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: 06-067

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		pH								% Moisture
1	MW-1S ✱PFAS sampled 6/4 at 0920	6/3/26	1745	Water	8	X	X	X	X	X	X	X					X		⊗								
2	MW-2S	6/3/26	1005	Water	8	X	X	X	X	X	X	X					X		⊗								
3	MW-3S	6/3/26	1610	Water	11	X	X	X	X	X	X	X	X				X		⊗								
4	MW-4S	6/3/26	1120	Water	19	X	X	X	X	X	X	X	X		X		X		⊗								
5	MW-5S	6/2/26	1150	Water	8	X	X	X	X	X	X	X					X		⊗								
6	MW-6S	6/3/26	1305	Water	11	X	X	X	X	X	X	X	X				X		⊗								
7	MW-11S	6/3/26	1410	Water	8	X	X	X	X	X	X	X					X		⊗								
8	MW-13S	6/3/26	0800	Water	11	X	X	X	X	X	X	X	X				X		⊗								
9	MW-7D	6/2/26	1430	Water	6	X	X	X	X	X	X						X		⊗								
10	MW-8D	6/2/26	1600	Water	6	X	X	X	X	X	X						X		⊗								

	Signature	Company	Date	Time
Relinquished	[signature]	Parametrix	6/4/26	1323
Received	[signature]	ORE	6/4/26	1323
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Additional MS/MSD volumes taken @ MW-4S for Alk/Bicarb, TDS, Chloride/Sulfate, VOCs, Nitrate, PFAS

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

⊗ Added 6/9/26. DB

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

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: 553-8472-012
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: 06-067

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		pH								% Moisture
11	MW-9D	6/3/26	1510	Water	6	X	X	X	X	X	X								X								
12	MW-10D	6/3/26	1700	Water	6	X	X	X	X	X	X								X								
13	Trip Blank	6/2/26	—	↓	6								X														

	Signature	Company	Date	Time
Relinquished	Brian Hines	Parametrix	6/4/26	1323
Received	COC		6/4/26	1323
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Additional MS/MSD volumes taken @ MW-4S for Alk/Bicarb, TDS, Chloride/Sulfate, VOCs, Nitrate, PFAS

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

Chromatograms with final report ☐

Data Package: Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

Data Quality Evaluation

Parametrix
let's create tomorrow, together

Memorandum

DATE:	July 22, 2026
TO:	Project File
FROM:	Sally Nguyen
SUBJECT:	Second 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 second quarter 2026 sampling event at the DTG Yakima Limited Purpose Landfill (LPL). Samples were collected on June 2 and 3, 2026 by Parametrix under contract to DTG. The samples were analyzed by OnSite Environmental (OnSite) under the associated work orders:

- Work Order 2606-067 (MW-1S, MW-2S, MW-3S, MW-4S, MW-5S, MW-6S, MW-11S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-4S DUP), trip blanks): Wet chemistry, dissolved and total metals, and volatile organic compounds (VOCs).
    - Nitrate samples were subcontracted to Anatek Labs (Anatek) under work orders YGF0068 and YGF0105.
    - PFAS samples were subcontracted to ALS Environmental under work order K2605918.

The data were evaluated in accordance with EPA guidance (EPA 2020a, 2020b, and 2009) at a Stage 2A level. Sample MW-13S is a field duplicate of MW-4S, and extra sample volume to be tested for quality control analyses was collected at well MW-4S.

Field Narrative

Groundwater sampling field data sheets were provided by Parametrix.

pH field measurements were unreliable, and the samples were submitted to the laboratory for pH analysis. The samples were analyzed outside the holding time for pH, therefore, all pH results will be qualified "J" as estimated.

Laboratory Case Narrative

Samples were collected on June 2 and 3, 2026. Nitrate samples were received by Anatek at 16:45 on June 2, 2026, and 08:00 on June 4, 2026. The remainder of samples were received by OnSite at 13:23 on June 4, 2026. They were maintained at the laboratory at a temperature of 2 to 6 degrees Celsius.

Work Order 2606-067

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, except for the MSD recovery (low) in magnesium. This was flagged “A” by the laboratory due to the spike amount being insufficient for meaningful MS/MSD data due to the high sample concentration.

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 was flagged “I” by the laboratory in the MS/MSD and spike blank due to compound recovery outside of control limits (high). No qualifiers were added to the data since all bromomethane results were non-detected.

Anatek Work Order YGF0068 (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 YGF0105 (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 K2605918 (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 surrogate recoveries were with control limits.

The replicate sample RPDs were within control limits.

The LCS percent recoveries were within control limits.

Field Duplicate Evaluation

Relative Percent Differences (RPDs) were calculated for the results of sample MW-4S and duplicate MW-13S. Field duplicate Relative Percent Difference calculations are included in Attachment A.

The duplicate percent RPDs were within control limits for all analytes.

Data Qualification

- Qualify pH in all samples “J” as estimated due to pH analysis outside the holding time.

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

Second Quarter 2026 Field Duplicate Relative Percent Difference Calculations

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

Second Quarter 2026

Sample Dates: June 2 and 3, 2026

Sample analyses: On-Site Environmental 2603-067 (Wet chemistry, dissolved metals, total metals, VOCs);
ALS Environmental K2605918 (PFAS):
MW-1S, MW-2S, MW-3S, MW-4S, MW-5S, MW-6S, MW-11S, MW-7D, MW-8D, MW-9D, MW-10D, MW-13S (MW-4S DUP), Trip Blanks
Anatek YGF0068 (Nitrates): MW-5S, MW-7D, MW-8D
Anatek YGF0105 (Nitrates): MW-1S, MW-2S, MW-3S, MW-4S, MW-6S, MW-11S, MW-13S, MW-9D, MW-10D

MS/MSD extra volume collected at MW-4S
DUP MW-13S collected at MW-4S
Completed by: Sally Nguyen 7/20/2026

Groundwater	sample	duplicate	avg	diff	RPD	=/<25%?	RL	w/in RL?
units = mg/L	**MW-4S**	**MW-13S**						
Iron, Total	<0.050	<0.050	n/a	n/a	n/a		0.050	y
Magnesium, Total	84	83	83.50	1	1.2	y	1.0	
Manganese, Total	<0.010	<0.010	n/a	n/a	n/a		0.010	y
Calcium, Dissolved	110	110	110	0	0.0	y	10	
Iron, Dissolved	<0.056	<0.056	n/a	n/a	n/a		0.056	y
Magnesium, Dissolve	76	75	76	1	1.3	y	10	
Manganese, Dissolve	<0.011	<0.011	n/a	n/a	n/a		0.011	y
Potassium, Dissolved	7.4	7.1	7.3	0.3	4.1	y	1.1	
Sodium, Dissolved	26	25	26	1	3.9	y	1.1	
Chloride	31	31	31	0	0.0	y	2.0	
Sulfate	120	120	120	0	0.0	y	50	
TDS	770	760	765	10	1.3	y	13	
Alkalinity	140	140	140	0	0.0	y	2.0	
Bicarbonate	140	140	140	0	0.0	y	2.0	
Ammonia	<0.053	<0.053	n/a	n/a	n/a		0.053	y
TOC	3.8	3.7	3.75	0.1	2.7	y	1.0	
Nitrate	76.3	71.3	73.80	5	6.8	y	2.00	
pH	7.6	7.6	7.60	0	0.0	y	4.00	
units = ng/L								
PFBS	6.4	6.6	6.50	-0.2	3.1	y	1.8/1.9	
PFBA	41	42	41.50	-1	2.4	y	2.0	
PFPeA	38	39	39	-1	2.6	y	1.8/1.9	
PFHxA	24	24	24	0	0.0	y	1.8/1.9	
PFHpA	11	11	11.00	0	0.0	y	1.8/1.9	
PFOA	5.6	5.7	5.65	-0.1	1.8	y	1.8/1.9	

Comments: All data are within RPD limits. No qualification necessary.

Appendix C

Groundwater Quality Summary Tables

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

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

Analyte	Units	GWQS	MCL	MW-1S 6/3/2026	MW-2S 6/3/2026	MW-3S 6/3/2026	MW-4S 6/3/2026	MW-13S (MW-4S Dup) 6/3/2026	MW-5S 6/2/2026	MW-6S 6/3/2026	MW-11S 6/3/2026	Trip Blank 6/2/2026
Field Data												
pH[1]		6.5-8.5		7.5 J	7.6 J	7.3 J	7.6 J	--	7.8 J	7.4 J	8.0 J	--
Conductivity	µmhos/cm		700 **	229.6	218.3	**832**	**1409**	--	442.3	**794**	337.7	--
Temperature	C			14.0	13.8	14.5	12.9	--	14.9	13.9	13.8	--
Redox	mv			140.2	134.1	119.7	52.0	--	31.2	117.2	98.6	--
Dissolved Oxygen	mg/L			2.59	6.36	4.40	3.85	--	1.84	3.37	3.17	--
Turbidity	NTU			1.23	0.00	0.00	0.00	--	0.00	0.00	0.00	--
Metals												
Calcium, Dissolved	mg/L			14	14	55	110	110	29	56	21	--
Iron, Total	mg/L	0.30 **	0.3 **	0.20	<0.050	<0.050	<0.050	<0.050	0.15	0.085	<0.050	--
Iron, Dissolved	mg/L		0.3 **	<0.056	<0.056	<0.056	<0.056	<0.056	0.11	<0.056	<0.056	--
Magnesium, Total	mg/L			7.8	9.1	36	84	83	18	35	15	--
Magnesium, Dissolved	mg/L			8.3	9.6	39	76	75	19	38	16	--
Manganese, Total	mg/L	0.05 **	0.05 **	**0.073**	<0.010	<0.010	<0.010	<0.010	0.028	0.014	<0.010	--
Manganese, Dissolved	mg/L		0.05 **	<0.011	<0.011	<0.011	<0.011	<0.011	0.020	<0.011	<0.011	--
Potassium, Dissolved	mg/L			2.4	3.3	5.1	7.4	7.1	3.9	5.1	3.8	--
Sodium, Dissolved	mg/L			16	12	24	26	25	21	21	15	--
Water Quality Parameters												
Alkalinity, Total	mg CaCO3/L			80	78	100	140	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			80	78	100	140	140	110	90	110	--
Chloride	mg/L	250 **	250 **	3.3	2.3	63	31	31	16	67	7.8	--
Nitrate	mg/L-N	10 *	10 *	0.362	0.658	**12.3**	**76.3**	**71.3**	<0.200	**17.8**	1.92	--
Sulfate	mg/L	250 **	250 **	7.7	5.6	89	120	120	49	73	15	--
Total Dissolved Solids	mg/L	500 **	500 **	160	130	460	**770**	**760**	220	410	190	--
Total Organic Carbon	mg/L			<1.0	<1.0	3.1	3.8	3.7	<1.0	3.6	<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			--	--	<1.0	<1.0	<1.0	--	<1.0	--	<1.0
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 ***		--	--	<1.0	<1.0	<1.0	--	<1.0	--	<1.0
Trans-1,2-Dichloroethene	µg/L		100 *	--	--	<0.20	<0.20	<0.20	--	<0.20	--	<0.20
1,1-Dichloroethane	µg/L	1 ***		--	--	<0.20	<0.20	<0.20	--	<0.20	--	<0.20
Vinyl Acetate	µg/L			--	--	<1.0	<1.0	<1.0	--	<1.0	--	<1.0
cis-1,2-Dichloroethene	µg/L		70 *	--	--	<0.20	<0.20	<0.20	--	<0.20	--	<0.20
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. Second Quarter 2026 Shallow Aquifer Groundwater Quality Monitoring Results, Rocky Top Environmental Limited Purpose Landfill

Analyte	Units	GWQS	MCL	MW-1S 6/3/2026	MW-2S 6/3/2026	MW-3S 6/3/2026	MW-4S 6/3/2026	MW-13S (MW-4S Dup) 6/3/2026	MW-5S 6/2/2026	MW-6S 6/3/2026	MW-11S 6/3/2026	Trip Blank 6/2/2026
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			--	--	<1.0	<1.0	<1.0	--	<1.0	--	<1.0
1,4-Dichlorobenzene	µg/L	4 ***	75 *	--	--	<0.20	<0.20	<0.20	--	<0.20	--	<0.20
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	--	--	<1.0	<1.0	<1.0	--	<1.0	--	<1.0

Notes:

GWQS = Water Quality Standards for Ground Waters of the State of Washington (WAC 173-200)
MCL = Maximum Contaminant Level, State Drinking Water Regulations (WAC 246-290)
MTCA = Model Toxics Control Act (WAC 173-340)
* = Primary
** = Secondary
*** = Carcinogen
*THM = Primary MCL for the sum of all trihalomethanes
BOLD = Does not meet GWQS or MCL
< = Not detected
-- = Not analyzed
[1] = pH measured by laboratory
J = Estimated value

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	6/3/2026	9/9/2025	12/3/2025	3/17/2026	6/3/2026	9/10/2025	12/3/2025	3/18/2026	MS-13S (Dup) 3/18/2026	6/3/2026
Perfluoroalkyl Sulfonic Acids (PFSAs)															
Perfluorobutane sulfonic acid (PFBS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	11	10	8.8	9.0	13.0
Perfluoropentane sulfonic acid (PFPeS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	2.8	2.3	1.8	1.8 J	2.7
Perfluorohexane sulfonic acid (PFHxS)	ng/L	10	<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	6.5	5.3	3.8	3.8	5.7
Perfluoroheptane sulfonic acid (PFHpS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Perfluorooctane sulfonic acid (PFOS)	ng/L	4.0	<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	3.8	3.2	2.4	2.3	3.3
Perfluorononane sulfonic acid (PFNS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Perfluorodecane sulfonic acid (PFDS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Perfluorododecane sulfonic acid (PFDoS)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Perfluoroalkyl Carboxylic Acids (PFCAs)															
Perfluorobutanoic acid (PFBA)	ng/L		<2.0	<2.0	<1.8	<2.0	<2.0	<2.0	<1.8	<2.0	87	61	47	48	70
Perfluoropentanoic acid (PFPeA)	ng/L		0.79 J	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	79	56	45	46	68
Perfluorohexanoic acid (PFHxA)	ng/L		0.65 J	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	54	38	30	31	45
Perfluoroheptanoic acid (PFHpA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	27	18	14	14	20
Perfluorooctanoic acid (PFOA)	ng/L	4.0	0.68 J	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	**35**	**22**	**16**	**17**	**21**
Perfluorononanoic acid (PFNA)	ng/L	10	<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	1.1 J	0.79 J	<1.8	<2.0	<1.8
Perfluorodecanoic acid (PFDA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Perfluoroundecanoic acid (PFUnDA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Perfluorododecanoic acid (PFDOA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<2.0	<2.0	<2.0	<1.8	<1.9	<2.0	<2.0	<1.8
Perfluorotridecanoic acid (PFTrDA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Perfluorotetradecanoic acid (PFTDA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<2.0	<2.0	<2.0	<1.8	<1.9	<2.0	<2.0	<1.8
Perfluoroalkyl Sulfonamido Substances															
Perfluorooctane sulfonamide (PFOSAm)	ng/L		0.85 J	2.90	<1.8	<1.8	0.83 J	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
N-Methylperfluorooctane sulfonamide (MeFOSA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
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	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
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	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
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	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
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	<20	<18	<19	<20	<20	<18
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ng/L		<18	<19	<18	<18	<19	<20	<18	<20	<18	<19	<18	<20	<18
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ng/L		<18	<19	<18	<18	<19	<20	<18	<20	<18	<19	<18	<20	<18
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	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
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	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
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	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
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	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ng/L	10	<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ng/L		<1.8	<1.9	<1.8	<1.8	<1.9	<2.0	<1.8	<2.0	<1.8	<1.9	<1.8	<2.0	<1.8
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	0.0	0.8	0.6	0.4	--	0.6
Running Annual Average Hazard Index*	unitless	1			0.0				0.0				0.6		

Notes:

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

* = Calculation based on most recent four quarters

BOLD = Exceeds MCL

< = Not detected

-- = Not calculated

J = Estimated value

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	9/10/2025	MW-13S (Dup) 9/10/2025	12/3/2025	3/18/2026	6/3/2026	MW-13S (Dup) 6/3/2026	9/9/2025	12/2/2025	3/17/2026	6/2/2026
Perfluoroalkyl Sulfonic Acids (PFSAs)												
Perfluorobutane sulfonic acid (PFBS)	ng/L		5.6	5.4	5	4.4	6.4	6.6	<2.0	<1.9	<2.6	<1.9
Perfluoropentane sulfonic acid (PFPeS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluorohexane sulfonic acid (PFHxS)	ng/L	10	0.84 J	0.71 J	0.96 J	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluoroheptane sulfonic acid (PFHpS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluorooctane sulfonic acid (PFOS)	ng/L	4.0	<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluorononane sulfonic acid (PFNS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluorodecane sulfonic acid (PFDS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluorododecane sulfonic acid (PFDoS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluoroalkyl Carboxylic Acids (PFCAs)												
Perfluorobutanoic acid (PFBA)	ng/L		39	39	37	29	41	42	4.9	4.5	5.5	7.5
Perfluoropentanoic acid (PFPeA)	ng/L		42	41	33	31	38	39	3.0	2.9	3.2	4.2
Perfluorohexanoic acid (PFHxA)	ng/L		29	28	25	19	24	24	1.7 J	1.7 J	1.9 J	2.5
Perfluoroheptanoic acid (PFHpA)	ng/L		14.0	14.0	13.0	8.4	11	11	<2.0	<1.9	<2.6	<1.9
Perfluorooctanoic acid (PFOA)	ng/L	4.0	**6.3**	**5.9**	**5.8**	**4.0**	**5.6**	**5.7**	<2.0	<1.9	<2.6	<1.9
Perfluorononanoic acid (PFNA)	ng/L	10	<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluorodecanoic acid (PFDA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluoroundecanoic acid (PFUnDA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluorododecanoic acid (PFDOA)	ng/L		<2.1	<1.8	<2.0	<2.0	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluorotridecanoic acid (PFTrDA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluorotetradecanoic acid (PFTDA)	ng/L		<2.1	<1.8	<2.0	<2.0	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluoroalkyl Sulfonamido Substances												
Perfluorooctane sulfonamide (PFOSAm)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	0.87 J	0.76 J	<2.6	<1.9
N-Methylperfluorooctane sulfonamide (MeFOSA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Fluorotelomer Sulfonic Acids (FTSAs)												
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Fluorotelomer Carboxylic Acids (FTCAs)												
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ng/L		<21	<18	<20	<20	<18	<19	<20	<19	<26	<19
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ng/L		<21	<18	<20	<18	<18	<19	<20	<19	<26	<19
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ng/L		<21	<18	<20	<18	<18	<19	<20	<19	<26	<19
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)												
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)												
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ng/L	10	<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ng/L		<2.1	<1.8	<2.0	<1.8	<1.8	<1.9	<2.0	<1.9	<2.6	<1.9
MCL Hazard Index for Mixtures of HFPO-DA, PFBS, PFHxS, and PFNA												
Hazard Index	unitless		0.09	--	0.1	0.002	0.003	--	0.0	0.0	0.0	0.0
Running Annual Average Hazard Index*	unitless	1	0.049						0.0			

Notes:

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

* = Calculation based on most recent four quarters

BOLD = Exceeds MCL

< = Not detected

-- = Not calculated

J = Estimated value

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

			MW-6S					MW-11S			
Analyte	Units	MCL	9/10/2025	12/3/2025	MS-13S (Dup) 12/3/2025	3/18/2026	6/3/2026	9/10/2025	12/2/2025	3/18/2026	6/3/2026
Perfluoroalkyl Sulfonic Acids (PFSAs)											
Perfluorobutane sulfonic acid (PFBS)	ng/L		7.2	7.7	7.5	6.2	9.2	<1.9	<1.9	<1.8	<1.8
Perfluoropentane sulfonic acid (PFPeS)	ng/L		1.2 J	1.3 J	1.3 J	1.0 J	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorohexane sulfonic acid (PFHxS)	ng/L	10	0.81 J	1.1 J	1.1 J	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluoroheptane sulfonic acid (PFHpS)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorooctane sulfonic acid (PFOS)	ng/L	4.0	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorononane sulfonic acid (PFNS)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorodecane sulfonic acid (PFDS)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorododecane sulfonic acid (PFDoS)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluoroalkyl Carboxylic Acids (PFCAs)											
Perfluorobutanoic acid (PFBA)	ng/L		14	16	15	14	21	<2.0	<2.0	<1.8	<2.0
Perfluoropentanoic acid (PFPeA)	ng/L		15	19	18	17	25	<1.9	<1.9	<1.8	<1.8
Perfluorohexanoic acid (PFHxA)	ng/L		11	13	12	11	17	<1.9	<1.9	<1.8	<1.8
Perfluoroheptanoic acid (PFHpA)	ng/L		1.3 J	1.5 J	1.5 J	1.6 J	2.7	<1.9	<1.9	<1.8	<1.8
Perfluorooctanoic acid (PFOA)	ng/L	4.0	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorononanoic acid (PFNA)	ng/L	10	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorodecanoic acid (PFDA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluoroundecanoic acid (PFUnDA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorododecanoic acid (PFDOA)	ng/L		<1.8	<1.9	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	<1.8
Perfluorotridecanoic acid (PFTrDA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluorotetradecanoic acid (PFTDA)	ng/L		<1.8	<1.9	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	<1.8
Perfluoroalkyl Sulfonamido Substances											
Perfluorooctane sulfonamide (PFOSAm)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	0.54 J	0.60 J	<1.8	<1.8
N-Methylperfluorooctane sulfonamide (MeFOSA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Fluorotelomer Sulfonic Acids (FTSAs)											
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Fluorotelomer Carboxylic Acids (FTCAs)											
4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)	ng/L		<18	<19	<20	<20	<19	<19	<19	<20	<18
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	ng/L		<18	<19	<20	<18	<19	<19	<19	<18	<18
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	ng/L		<18	<19	<20	<18	<19	<19	<19	<18	<18
Perfluoroalkyl Ether Sulfonic Acids (PFESAs)											
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluoroalkyl Ether Carboxylic Acids (PFECAs)											
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Perfluoro-4-methoxybutanoic acid (PFMBA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	ng/L	10	<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ng/L		<1.8	<1.9	<2.0	<1.8	<1.9	<1.9	<1.9	<1.8	<1.8
MCL Hazard Index for Mixtures of HFPO-DA, PFBS, PFHxS, and PFNA											
Hazard Index	unitless		0.08	0.1	--	0.003	0.005	0.0	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 compar

* = Calculation based on most recent four quarters

BOLD = Exceeds MCL

< = Not detected

-- = Not calculated

J = Estimated value

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

Analyte	Units	GWQS	MCL	MW-7D 6/2/2026	MW-8D 6/2/2026	MW-9D 6/3/2026	MW-10D 6/3/2026
Field Data							
pH[1]		6.5-8.5		7.9 J	8.0 J	7.3 J	7.7 J
Conductivity	µmhos/cm		700 **	242.4	563	516	279.2
Temperature	C			17.1	15.1	14.8	14.8
Redox	mv			125.4	57.8	96.1	141.2
Dissolved Oxygen	mg/L			0.72	0.28	2.38	4.07
Turbidity	NTU			0.48	0.00	0.00	0.00
Metals							
Calcium, Dissolved	mg/L			16	37	35	20
Iron, Total	mg/L	0.30 **	0.30 **	0.150	0.060	**2.5**	<0.050
Iron, Dissolved	mg/L		0.3 **	0.094	<0.056	**2.7**	<0.056
Magnesium, Total	mg/L			10	26	21	11
Magnesium, Dissolved	mg/L			11	25	21	12
Manganese, Total	mg/L	0.05 **	0.05 **	0.030	0.025	**0.48**	<0.010
Manganese, Dissolved	mg/L		0.05 **	0.036	0.022	**0.47**	<0.011
Potassium, Dissolved	mg/L			2.9	3.8	2.4	2.6
Sodium, Dissolved	mg/L			13	25	28	13
Water Quality Parameters							
Alkalinity, Total	mg CaCO3/L			100	90	82	92
Ammonia (NH3) as Nitrogen (N)	mg/L			<0.053	<0.053	<0.053	<0.053
Bicarbonate	mg CaCO3/L			100	90	82	92
Chloride	mg/L	250 **	250 **	2.2	24	37	2.9
Nitrate	mg/L-N	10 *	10 *	<0.200	1.14	<0.200	1.59
Sulfate	mg/L	250 **	250 **	<5.0	95	65	11
Total Dissolved Solids	mg/L	500 **	500 **	160	320	300	180
Total Organic Carbon	mg/L			<1.0	<1.0	6.4	<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
BOLD = Does not meet GWQS, MCL, or MTCA
< = Not detected
-- = Not analyzed
[1] = pH measured by laboratory
J = Estimated value

Table C-4. Groundwater Samples that Failed to Meet Applicable Groundwater Standards, Second 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	x	--	x	--	--	--	--	--
Iron, Dissolved	Secondary	Secondary	--	--	--	--	--	--	--	--	--	x	--
Iron, Total	Secondary	Secondary	--	--	--	--	--	--	--	--	--	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:

Second quarter samples were collected on June 2 through 4, 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)

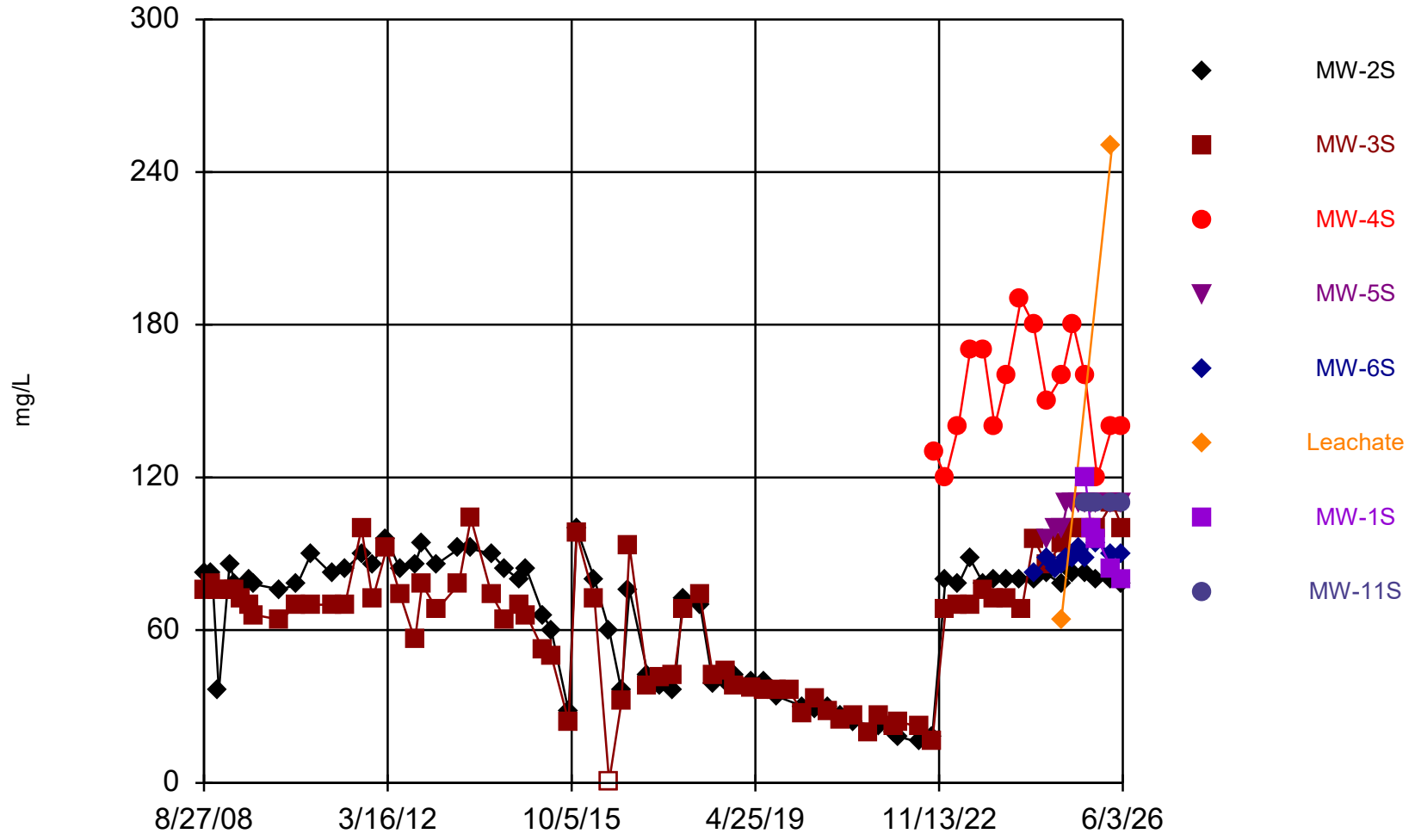
PFOA = Perfluorooctanoic acid

Appendix D

Time-Series Plots

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

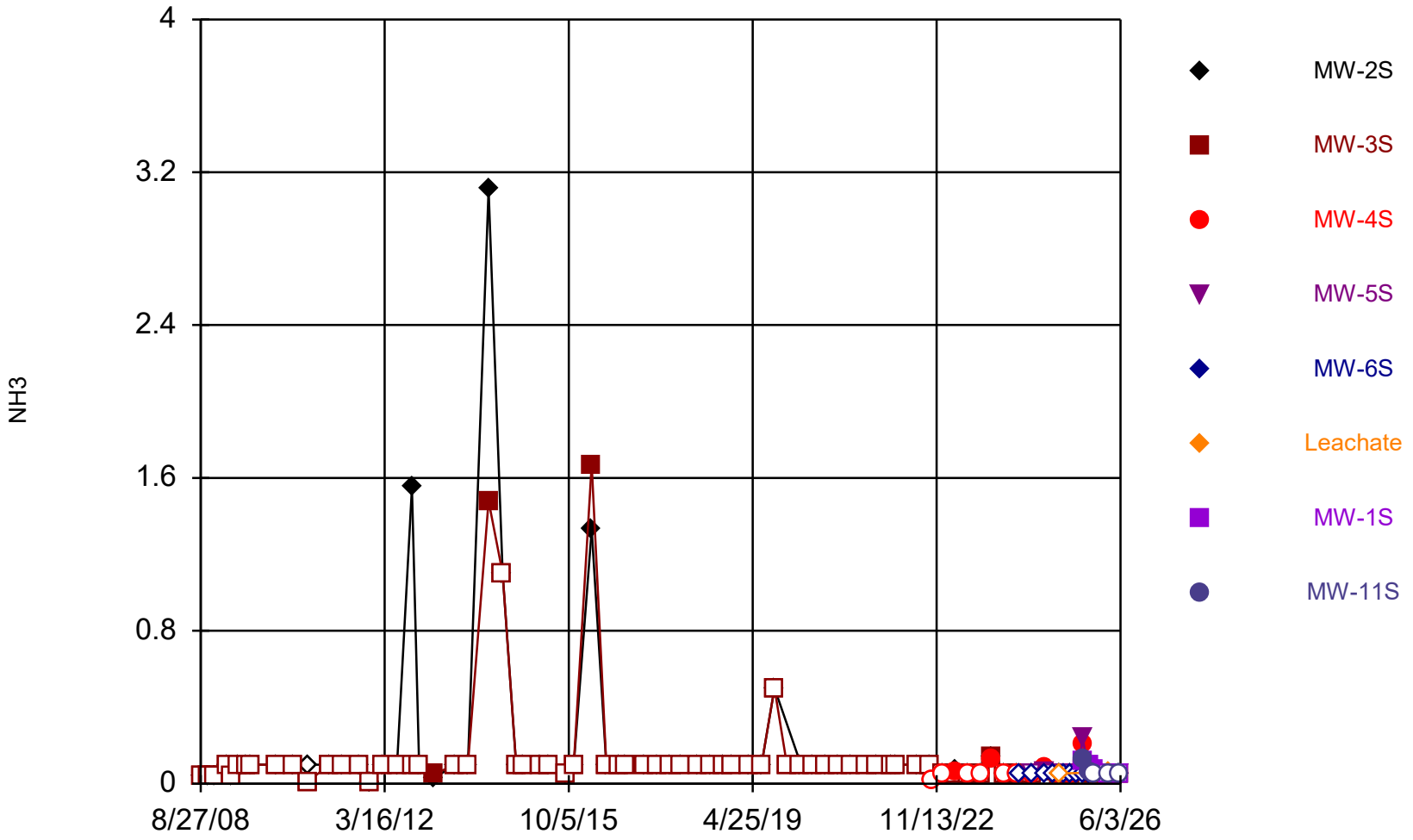


Constituent: Alkalinity, Total Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Ammonia Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

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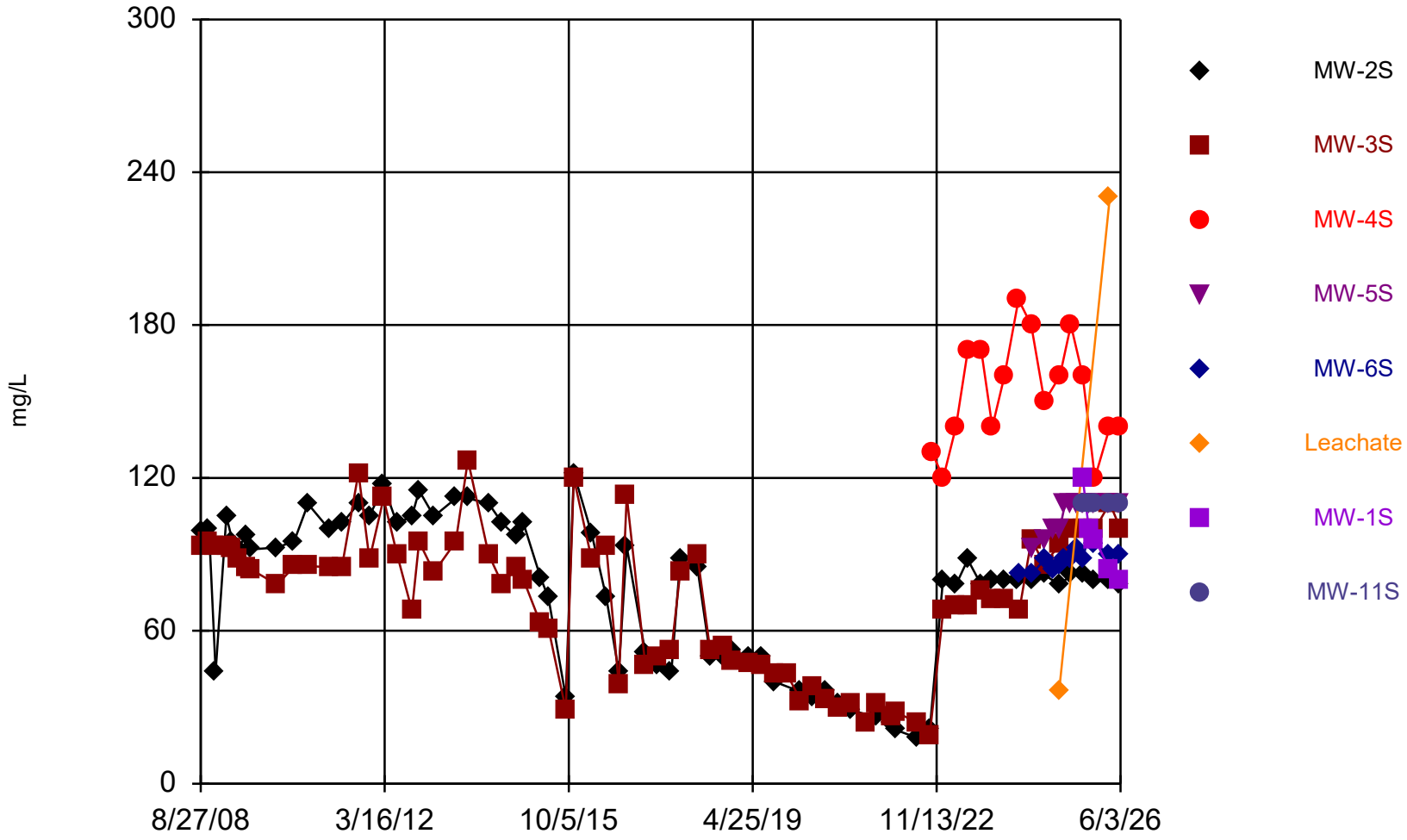
Time Series

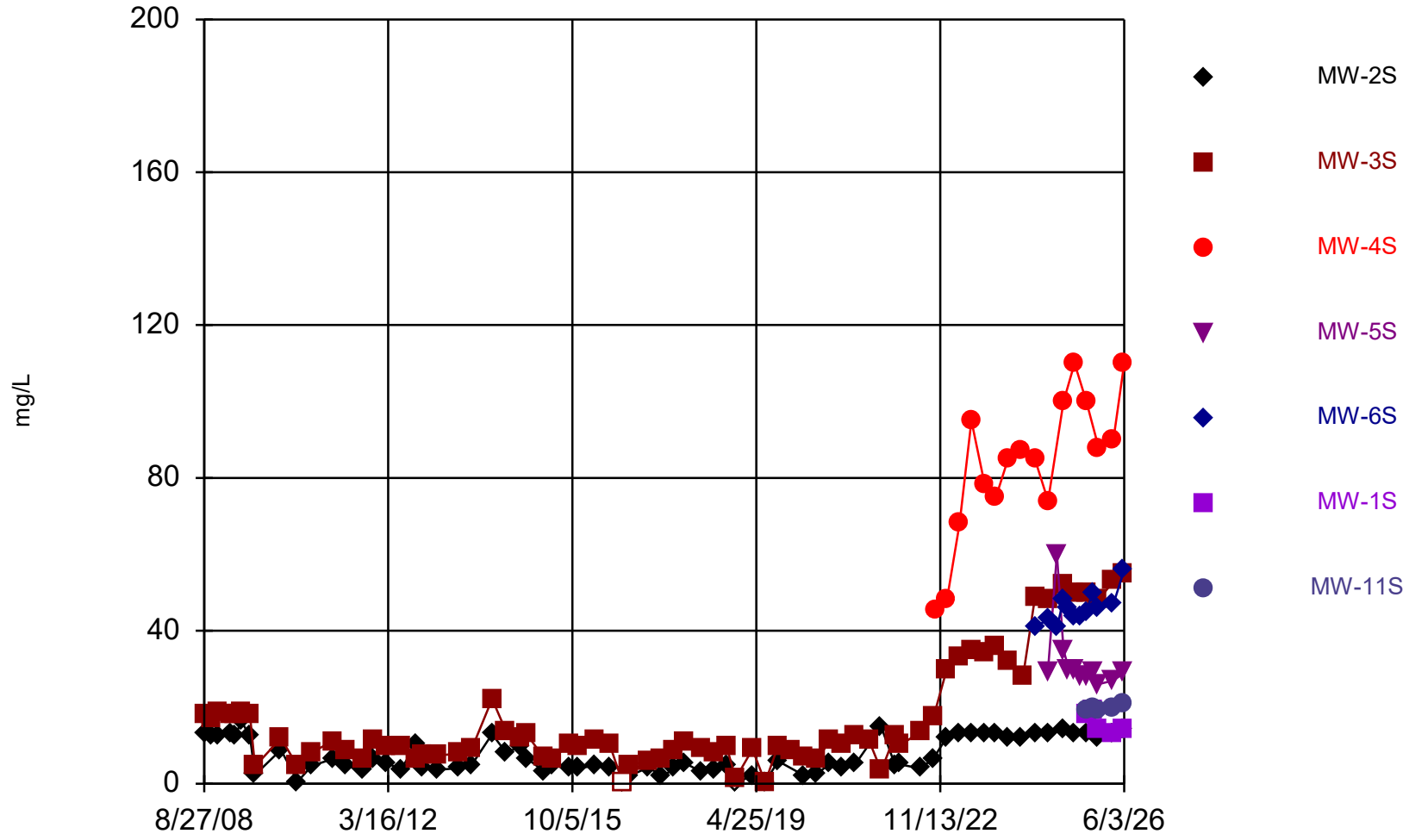


Constituent: Bicarbonate Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

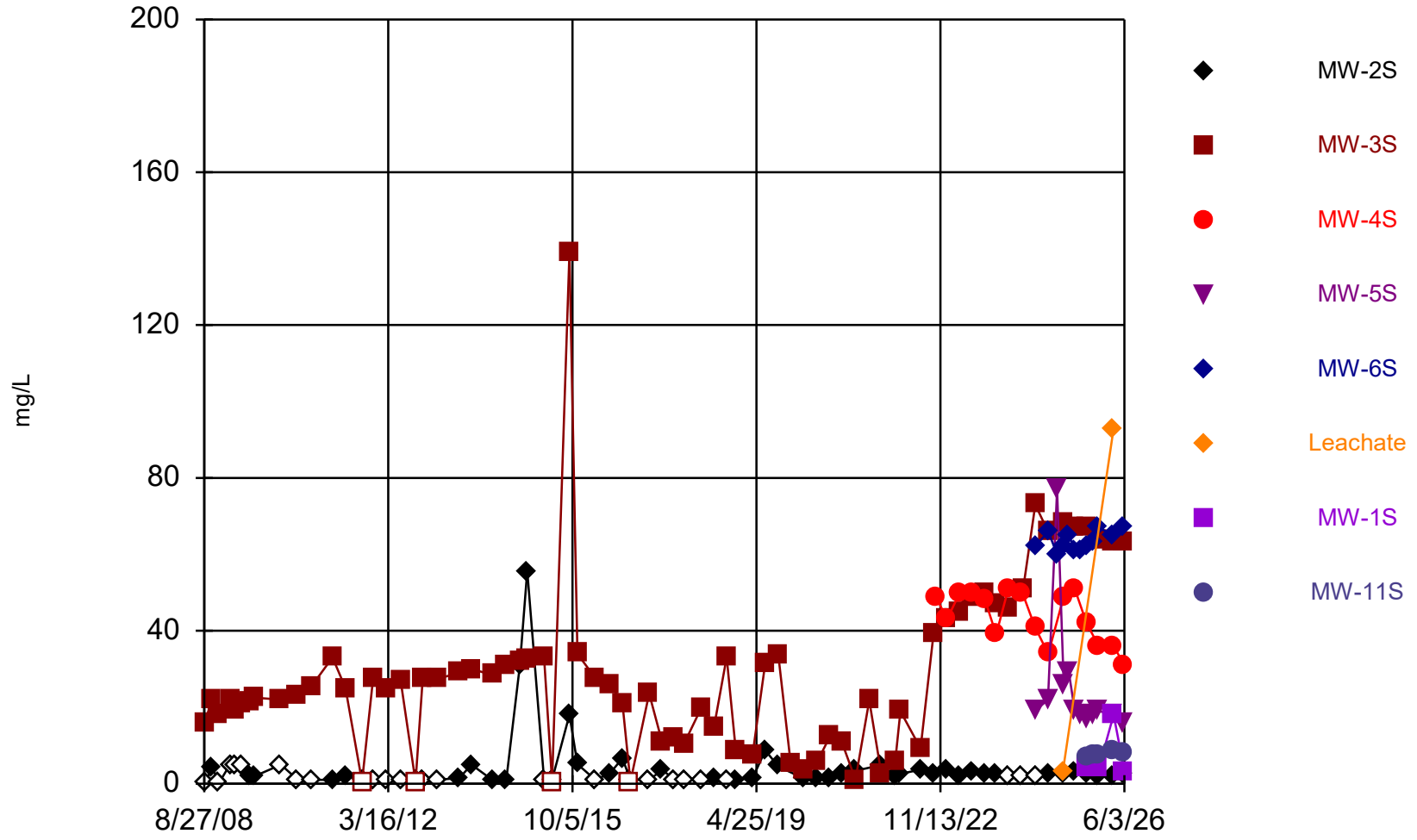


Constituent: Calcium, Dissolved Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Chloride Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

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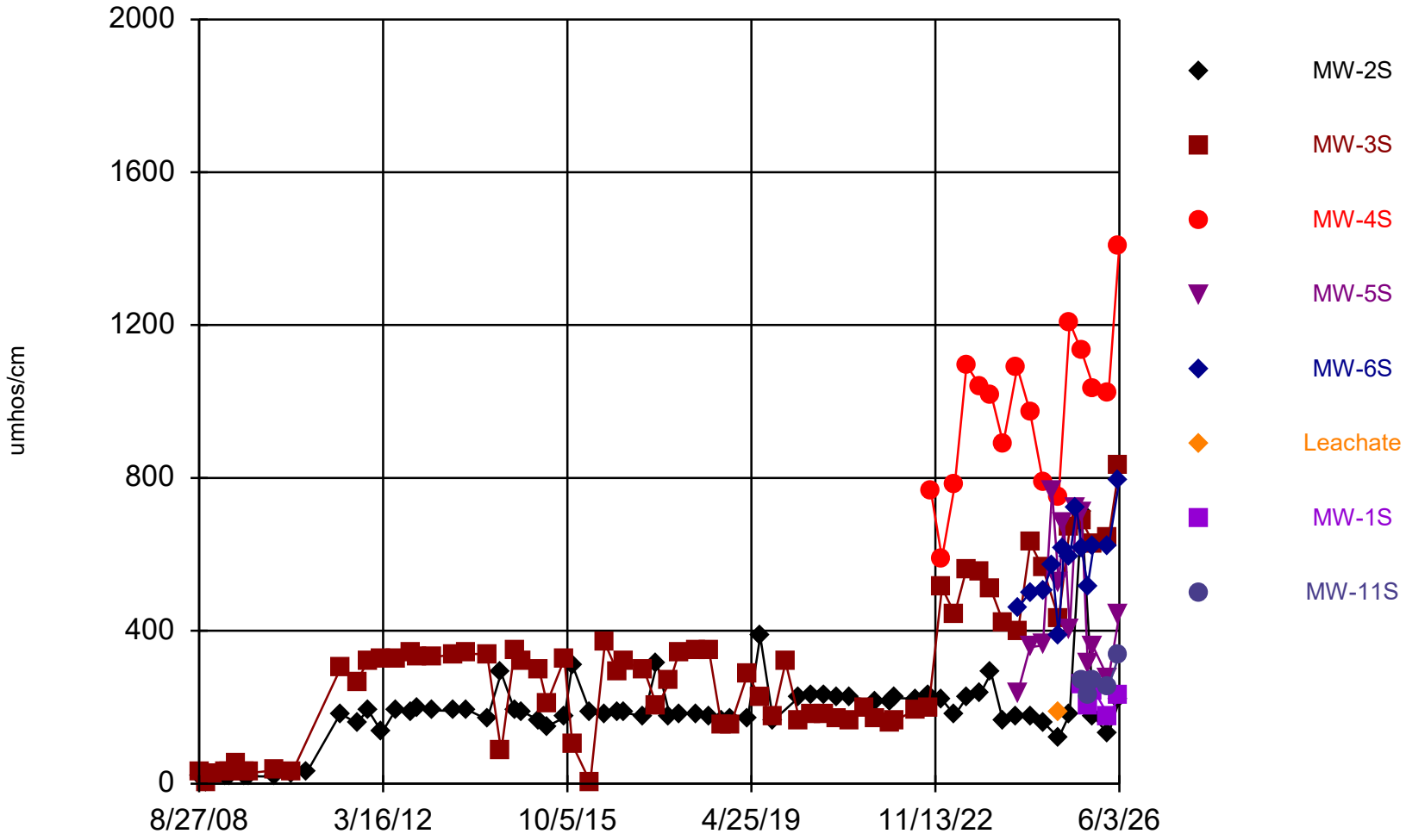
Time Series

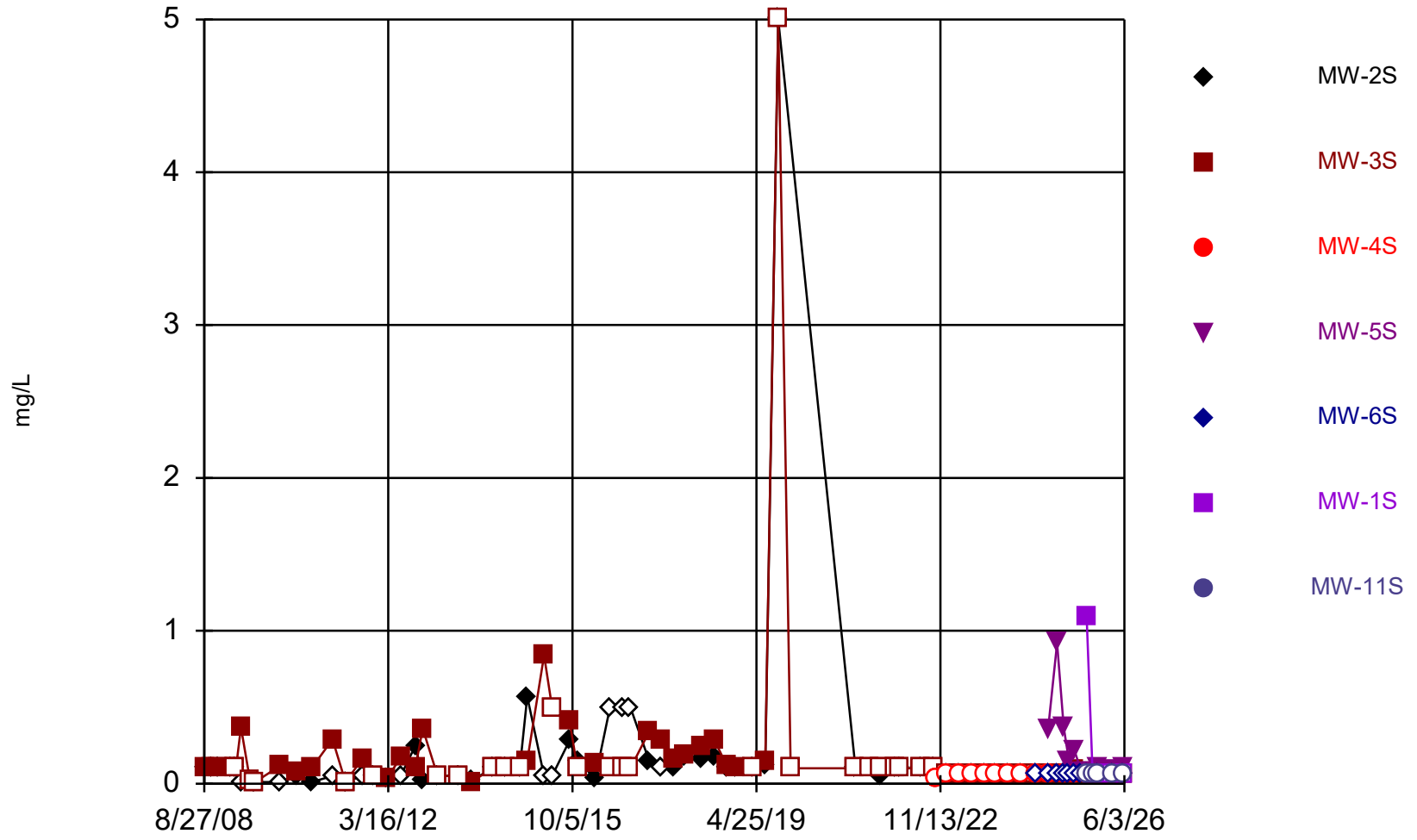


Constituent: Conductivity Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

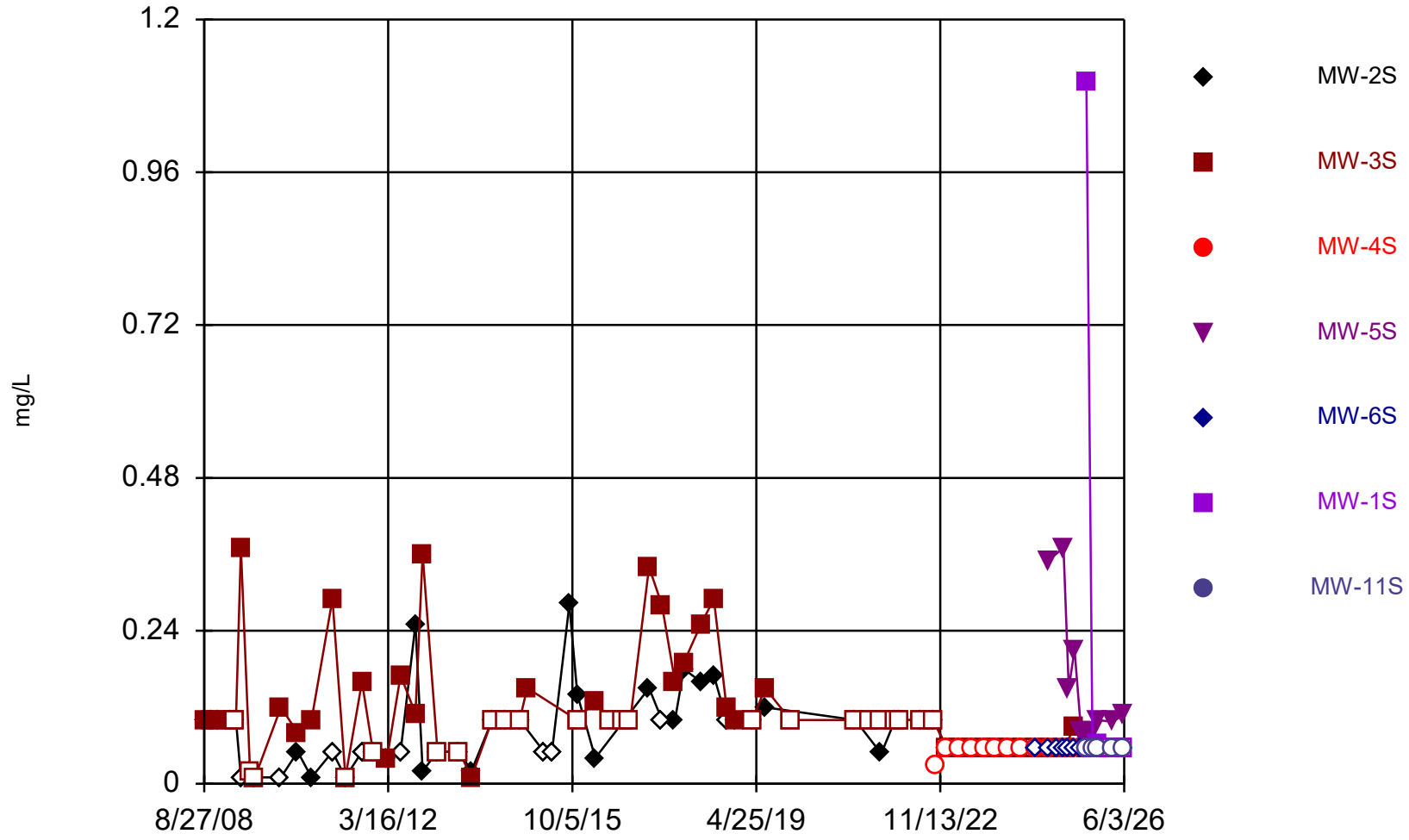


Constituent: Iron, Dissolved Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



*outliers removed

Constituent: Iron, Dissolved Analysis Run 9/9/2026 10:32 AM View: TSPs_Shallow

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

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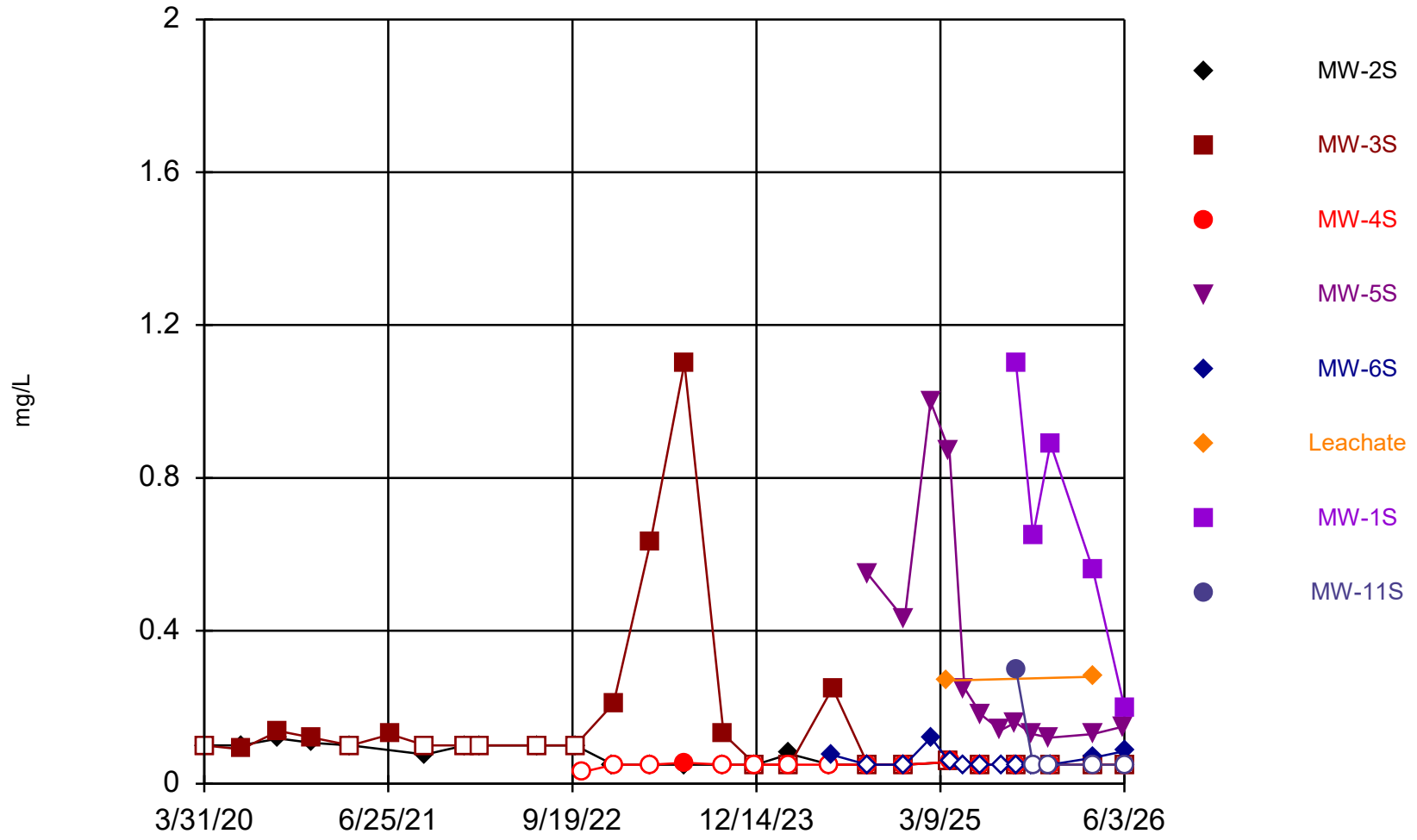
Hollow symbols indicate censored values.

Time Series

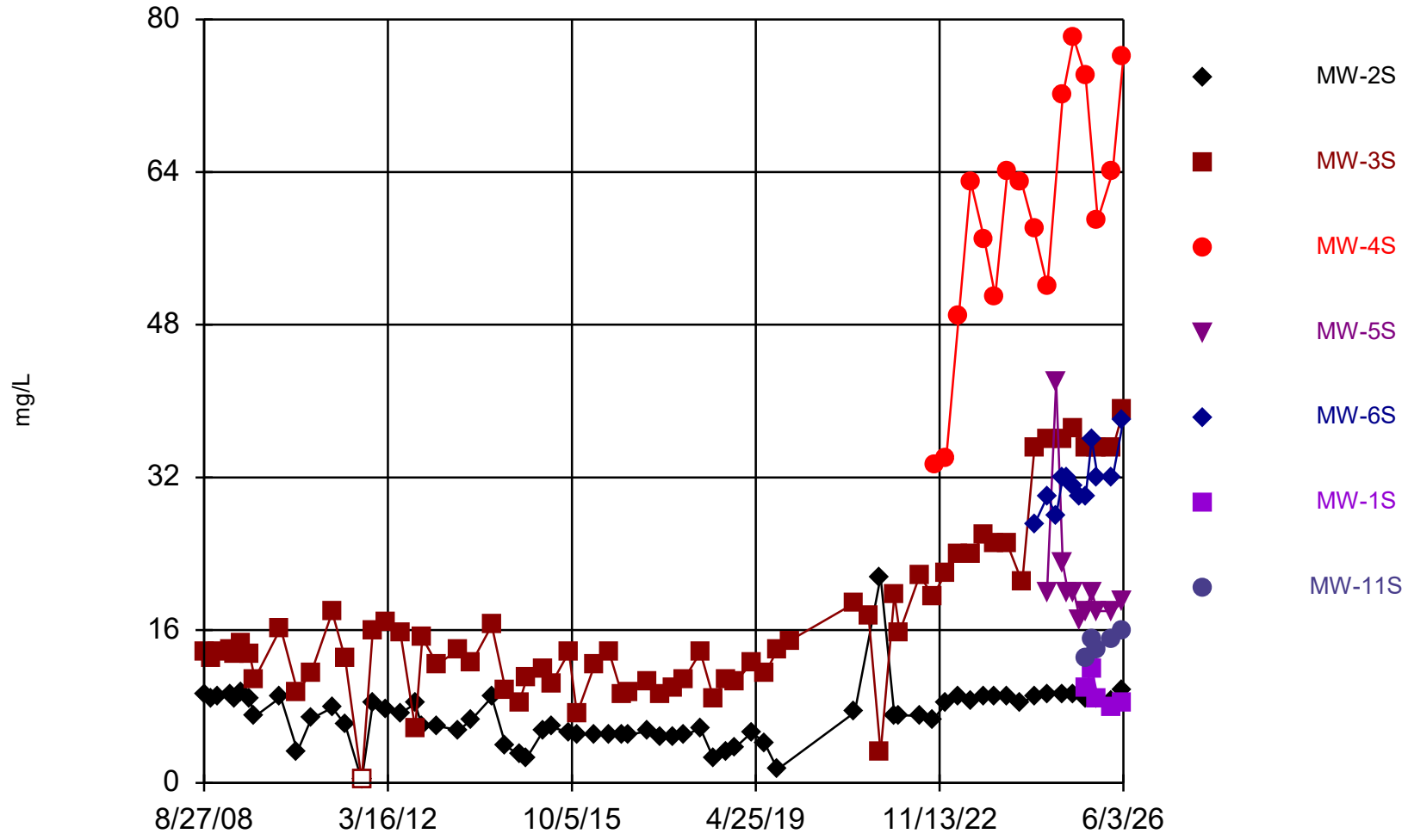


Constituent: Iron, Total Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Magnesium, Dissolved Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

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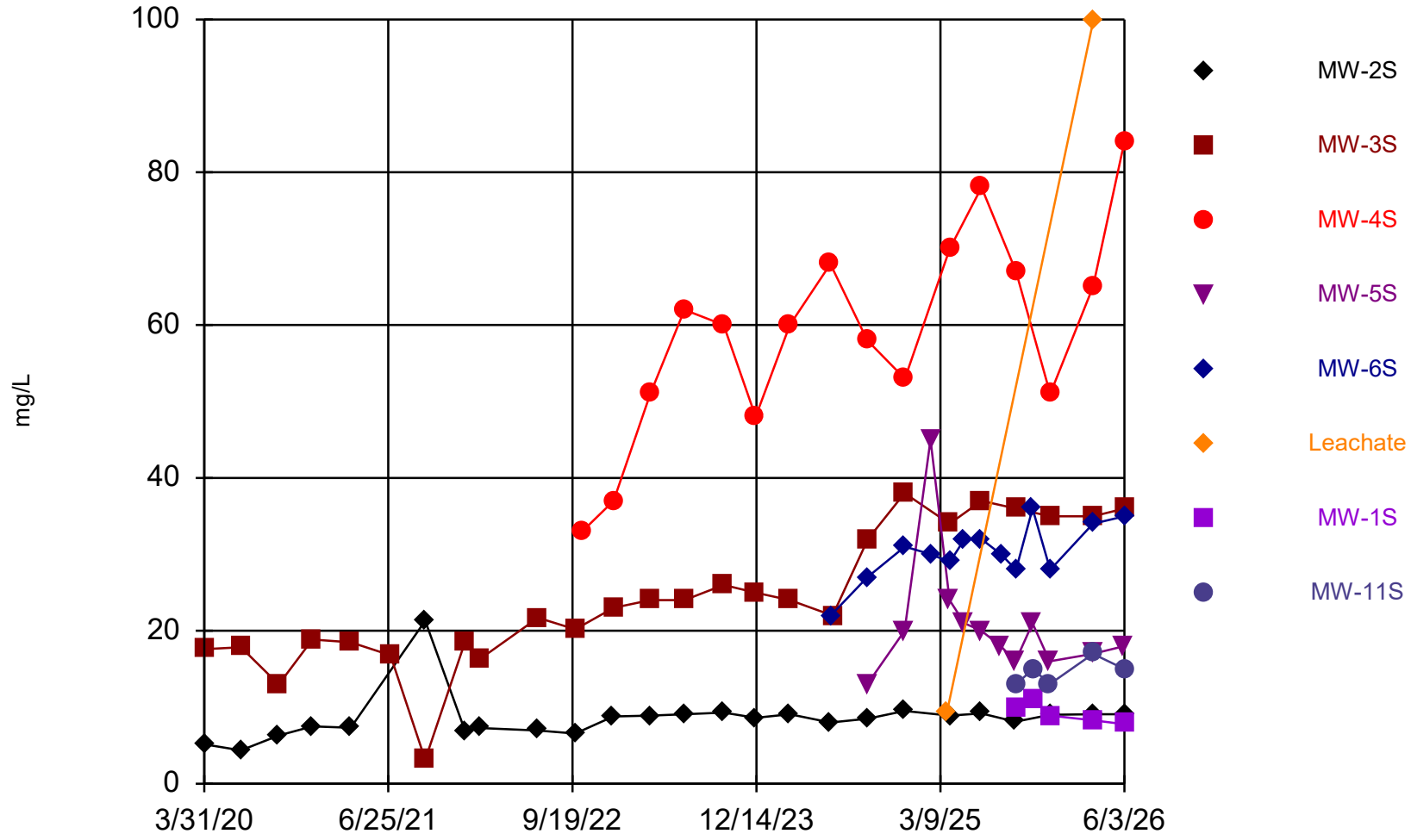
Time Series

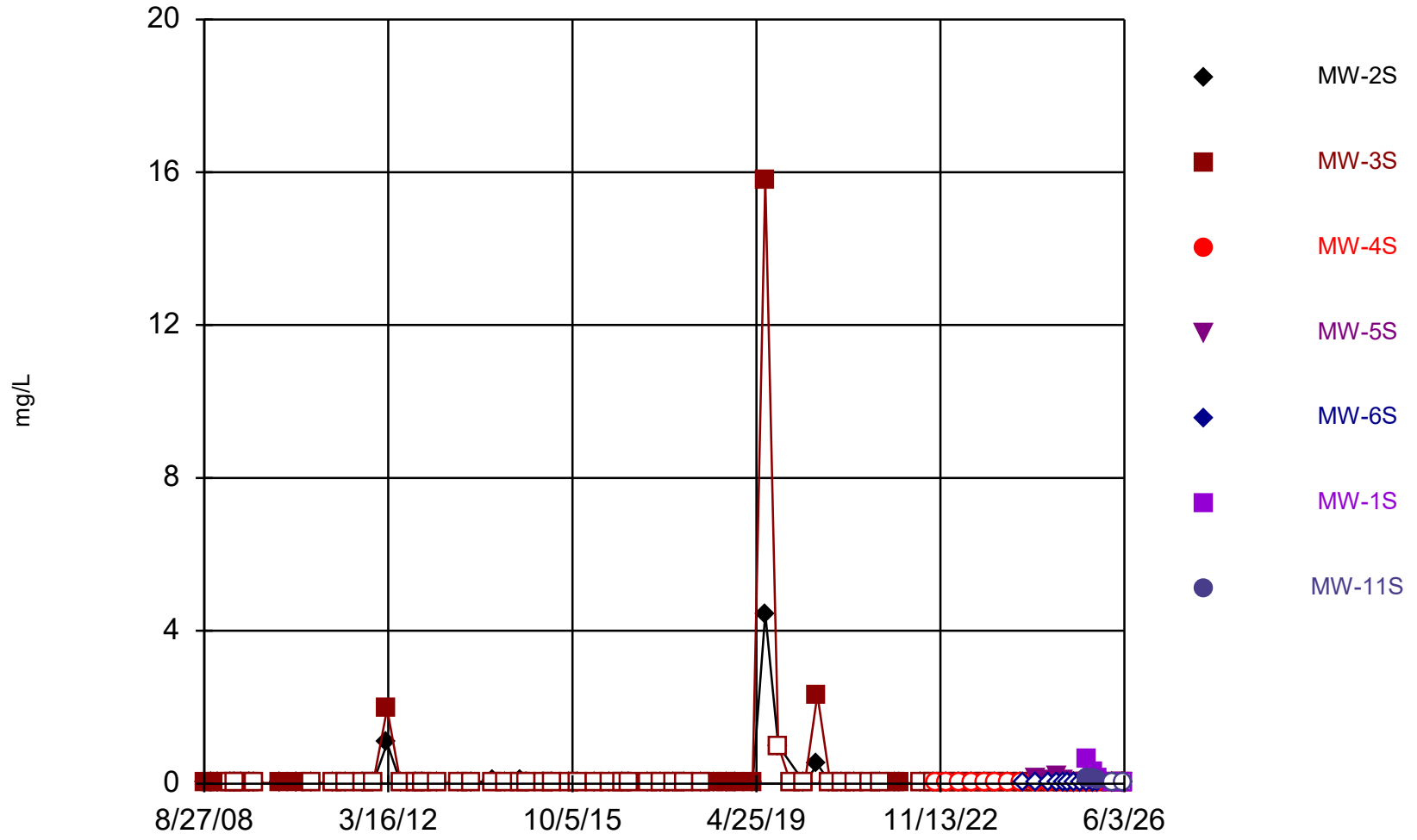


Constituent: Magnesium, Total Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

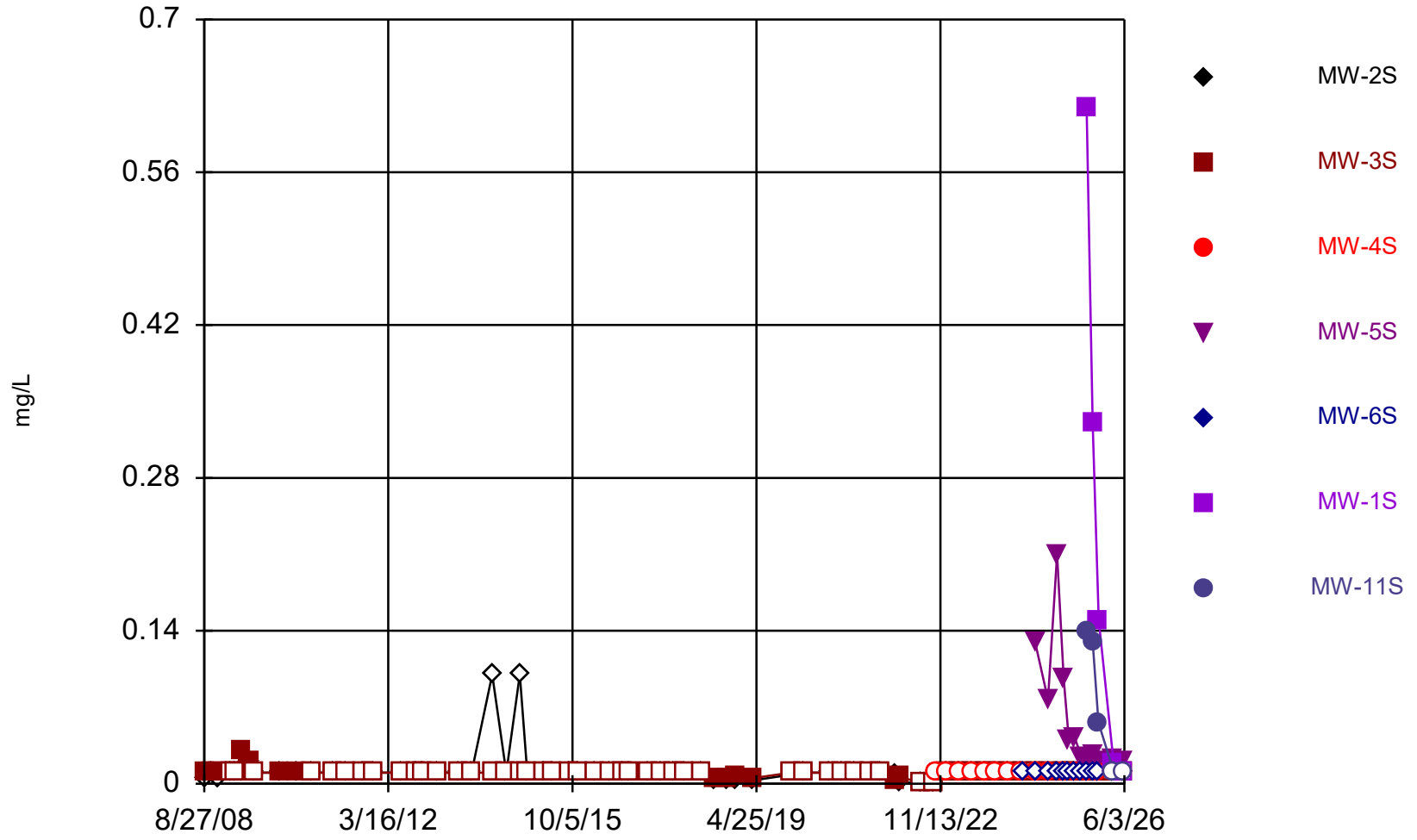


Constituent: Manganese, Dissolved Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



*outliers removed

Constituent: Manganese, Dissolved Analysis Run 9/9/2026 10:33 AM View: TSPs_Shallow

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

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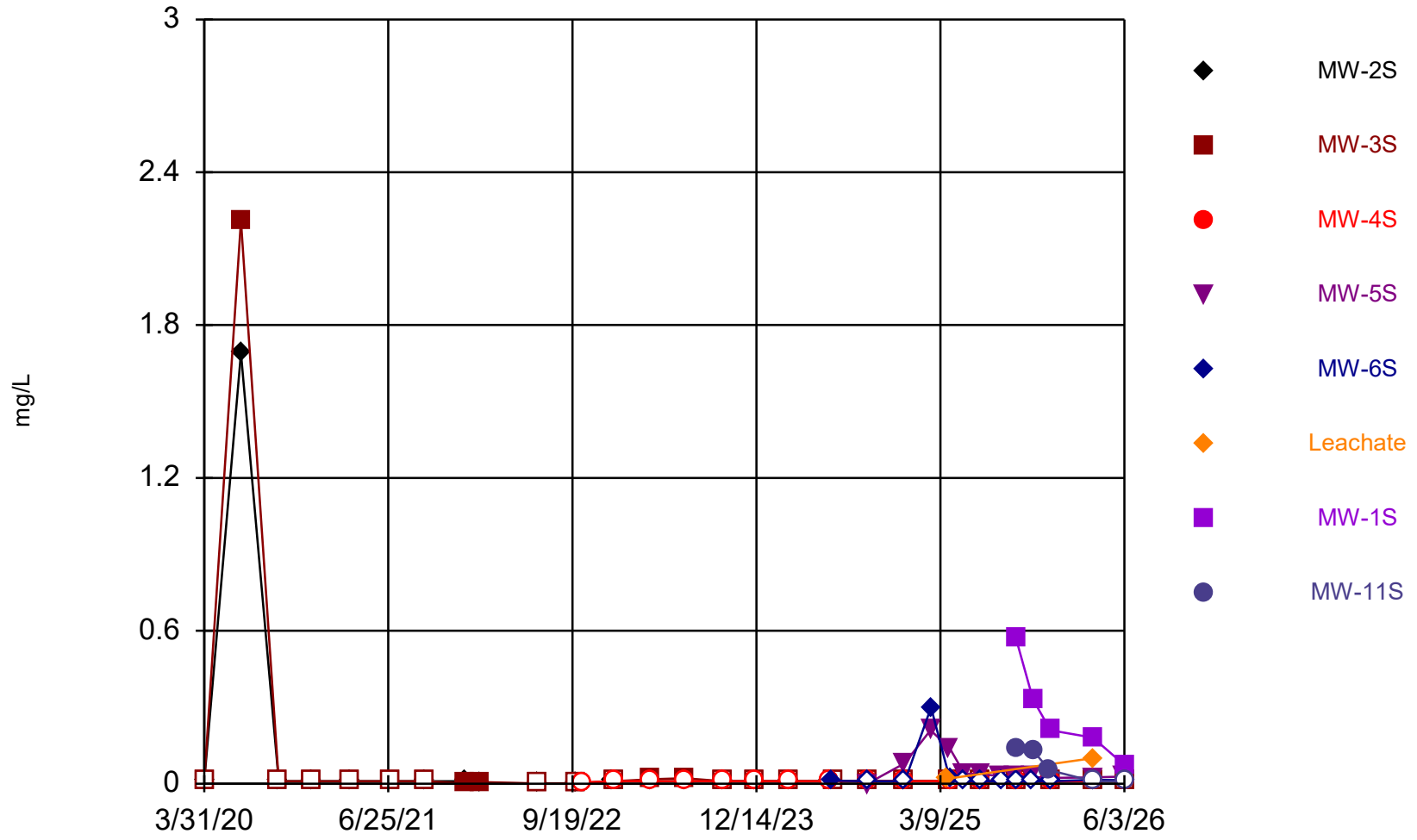
Hollow symbols indicate censored values.

Time Series

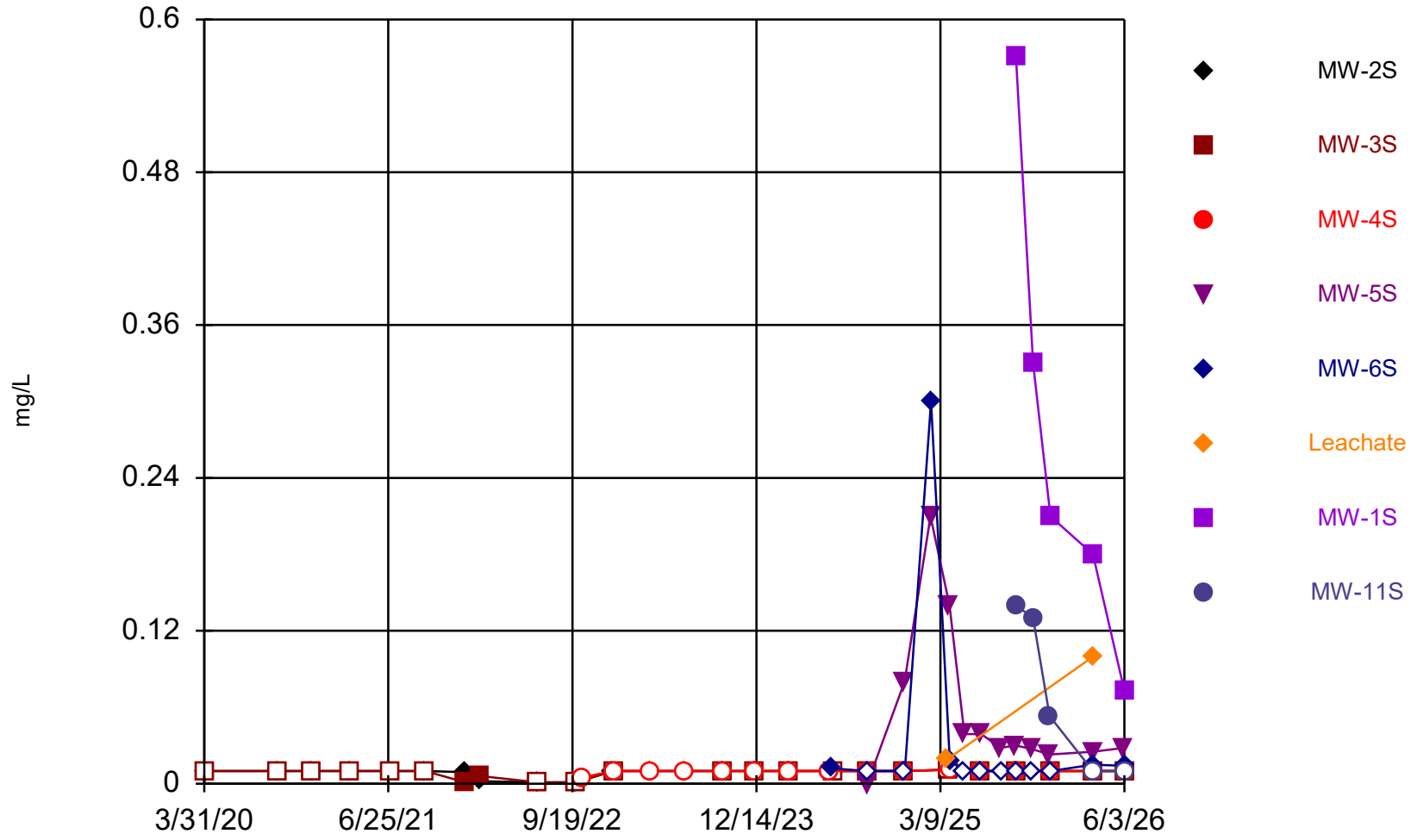


Constituent: Manganese, Total Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



*outliers removed

Constituent: Manganese, Total Analysis Run 9/9/2026 10:34 AM View: TSPs_Shallow

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

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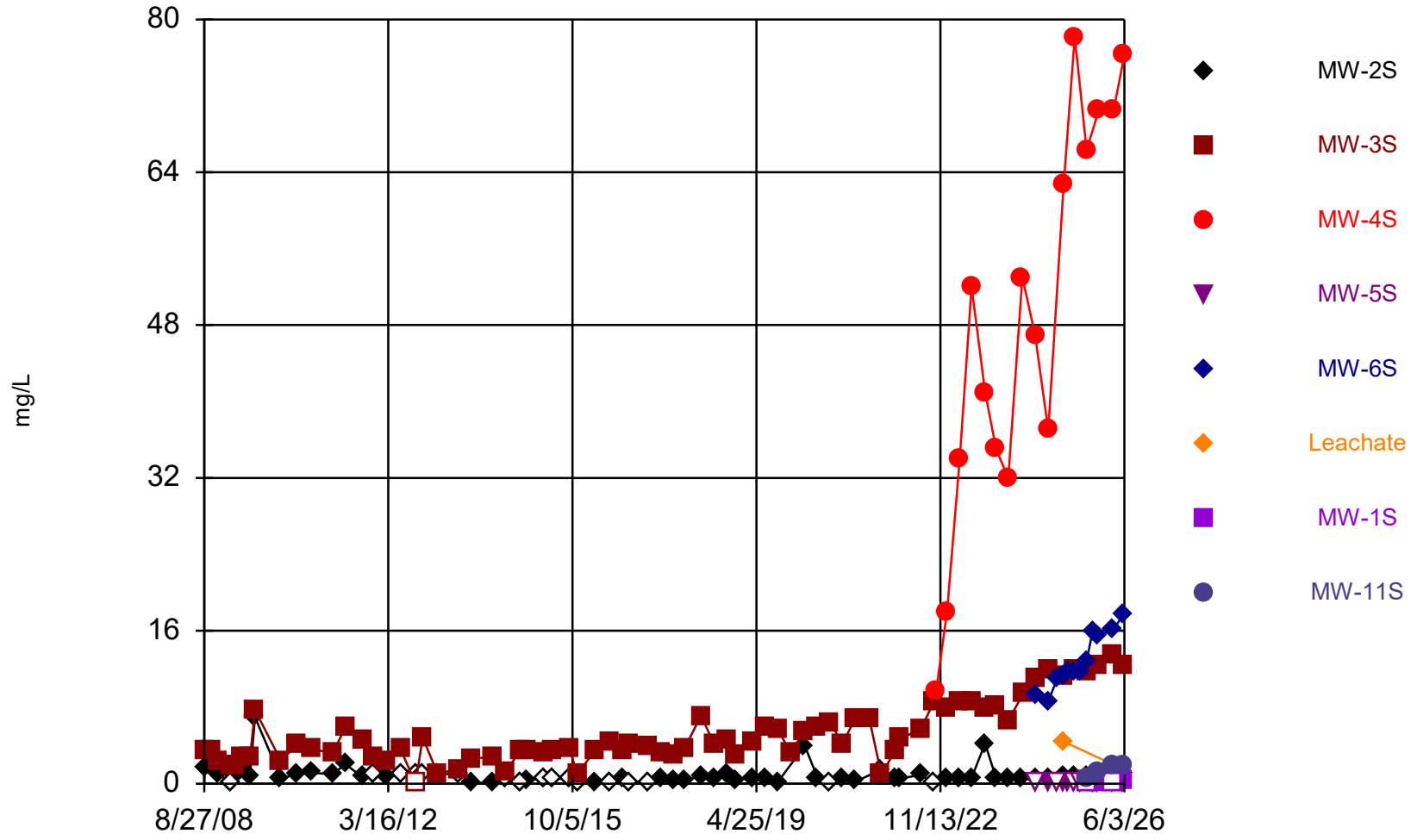
Hollow symbols indicate censored values.

Time Series



Constituent: Nitrate Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

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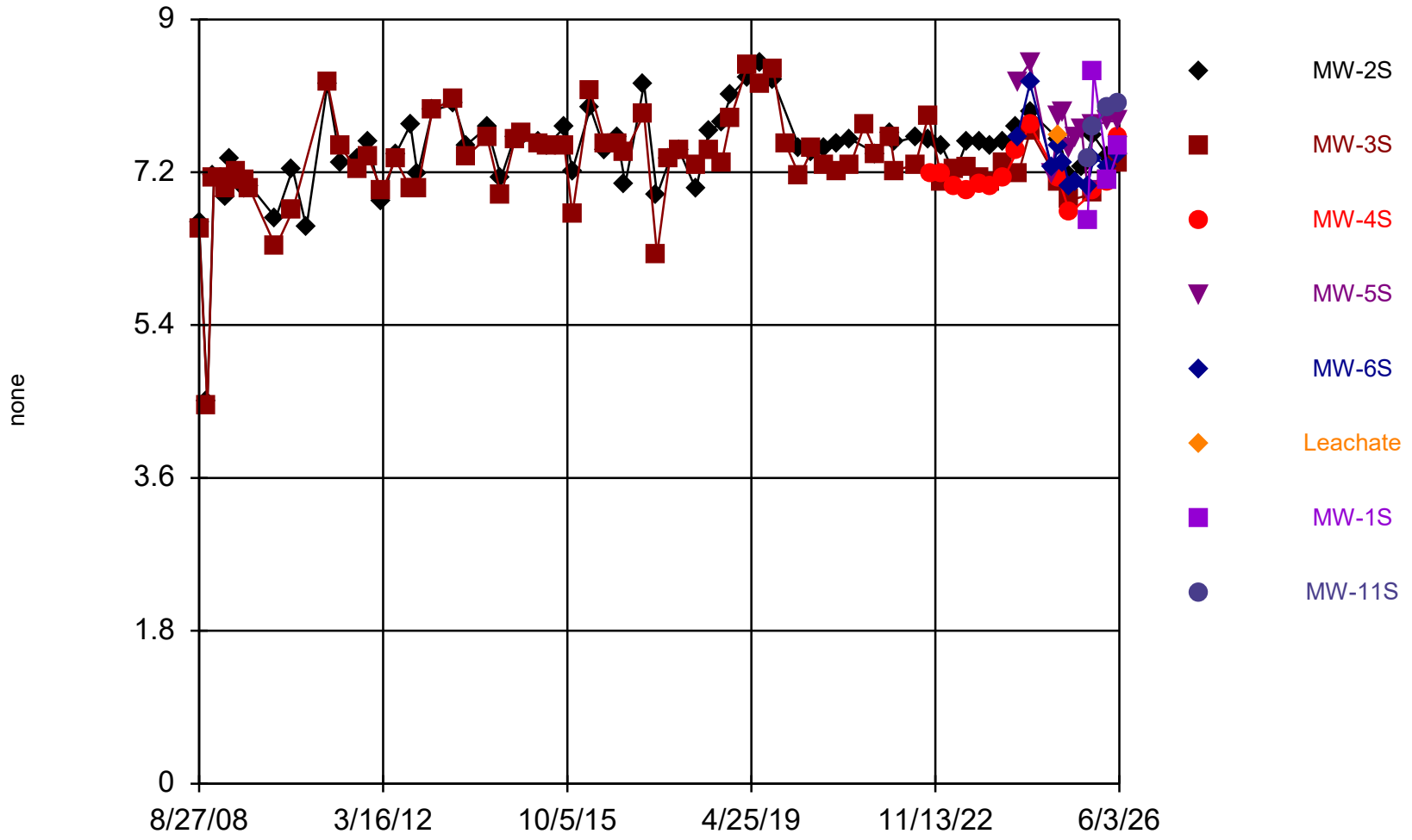
Time Series

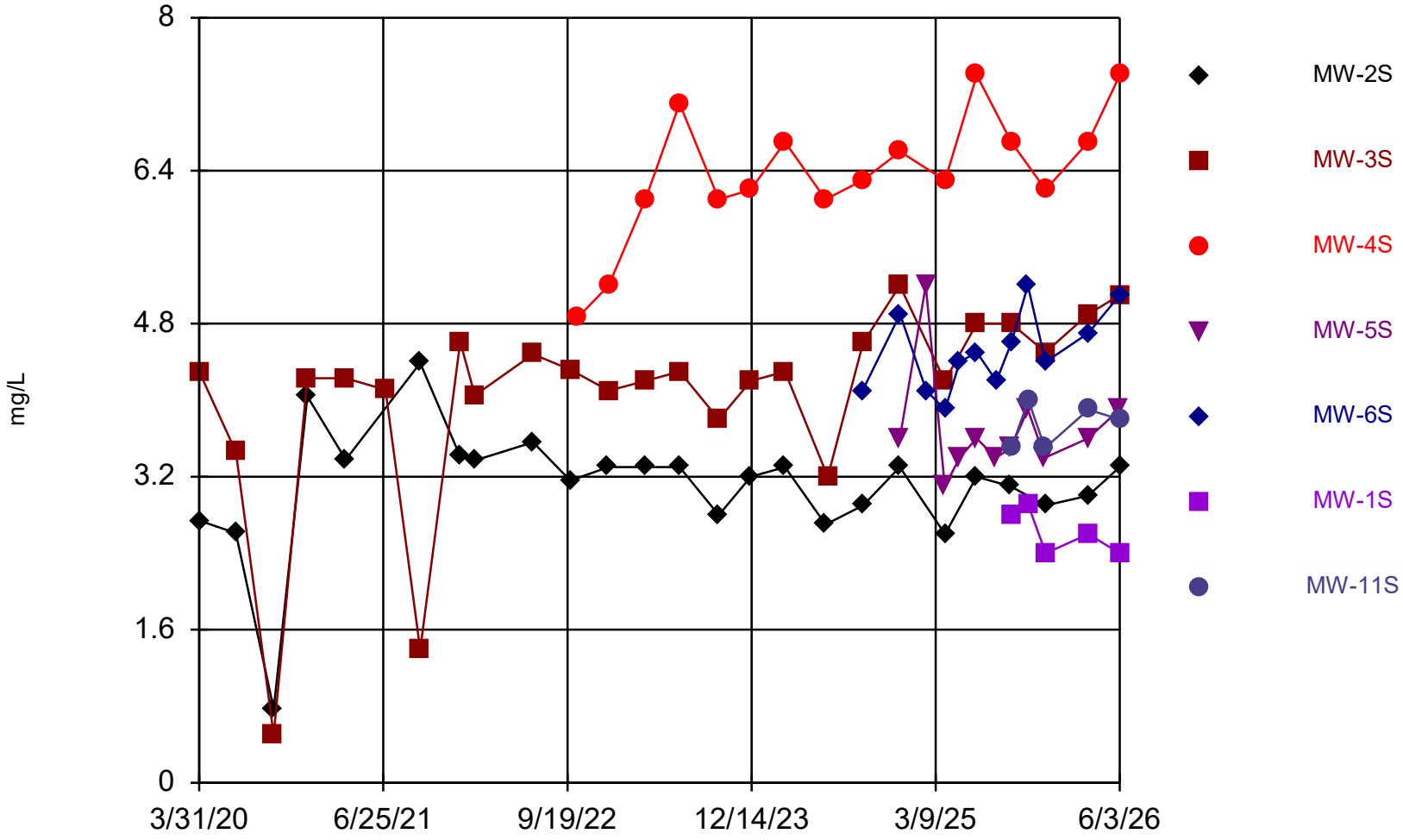


Constituent: pH Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG

Time Series

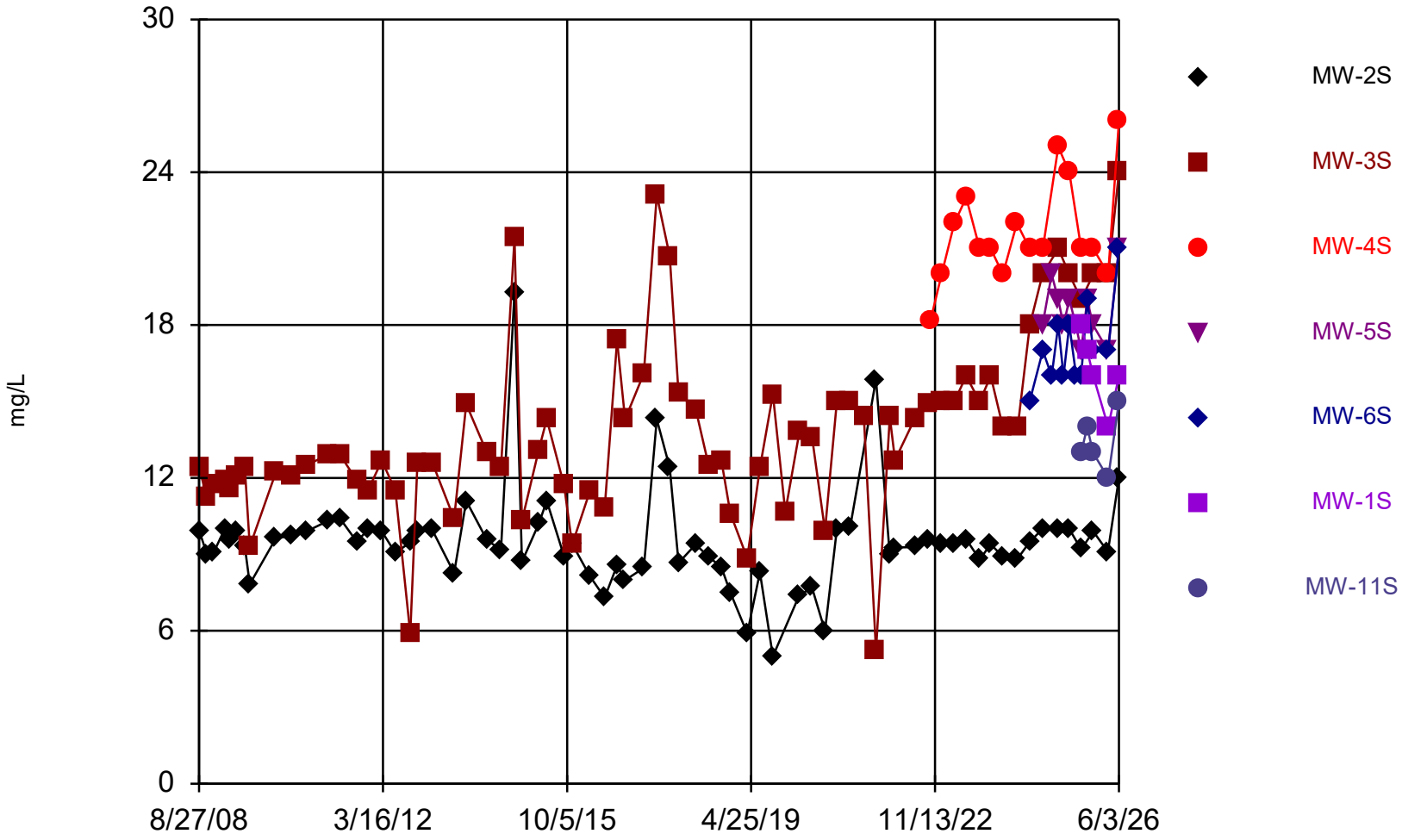


Constituent: Potassium, Dissolved Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG

Time Series

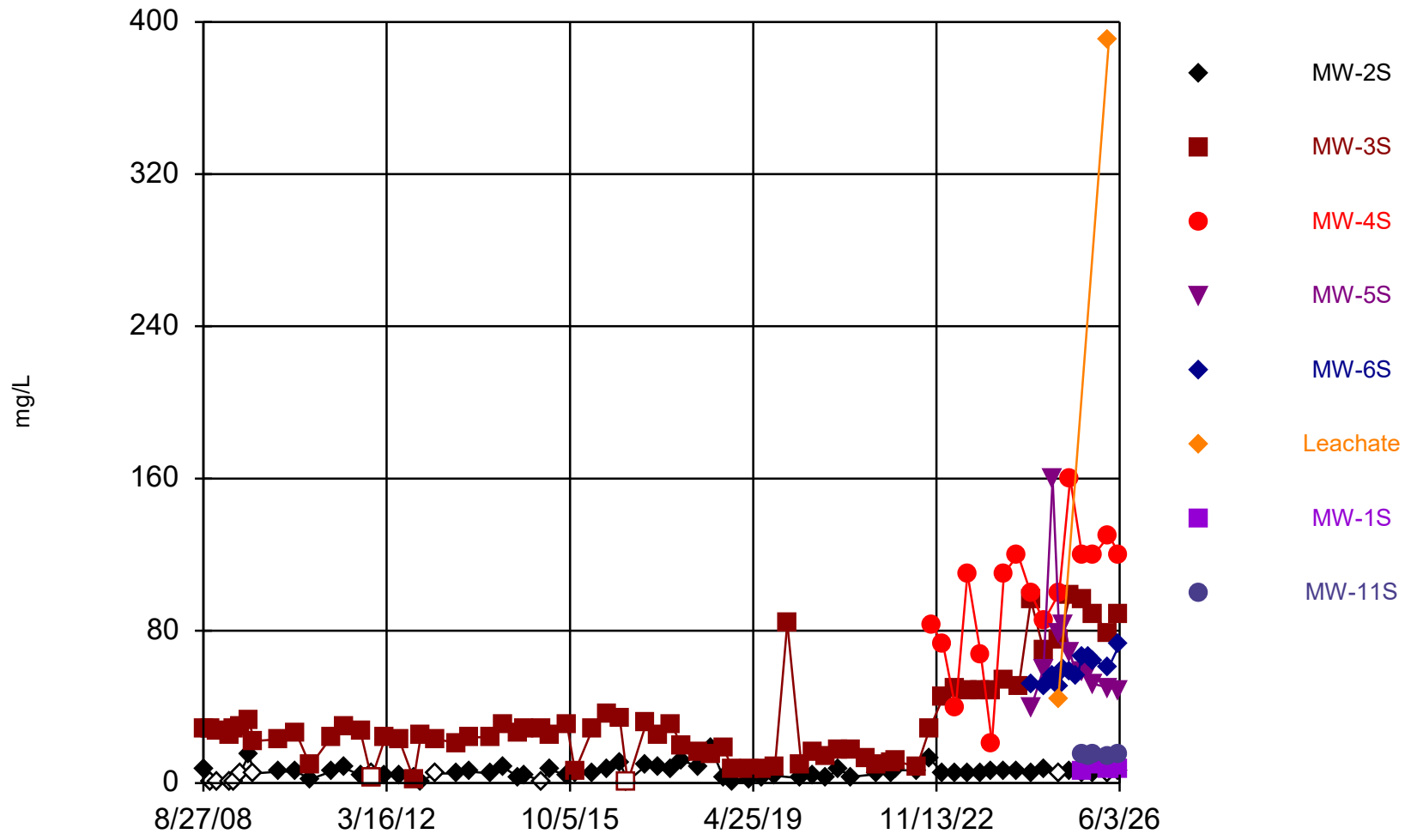


Constituent: Sodium, Dissolved Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

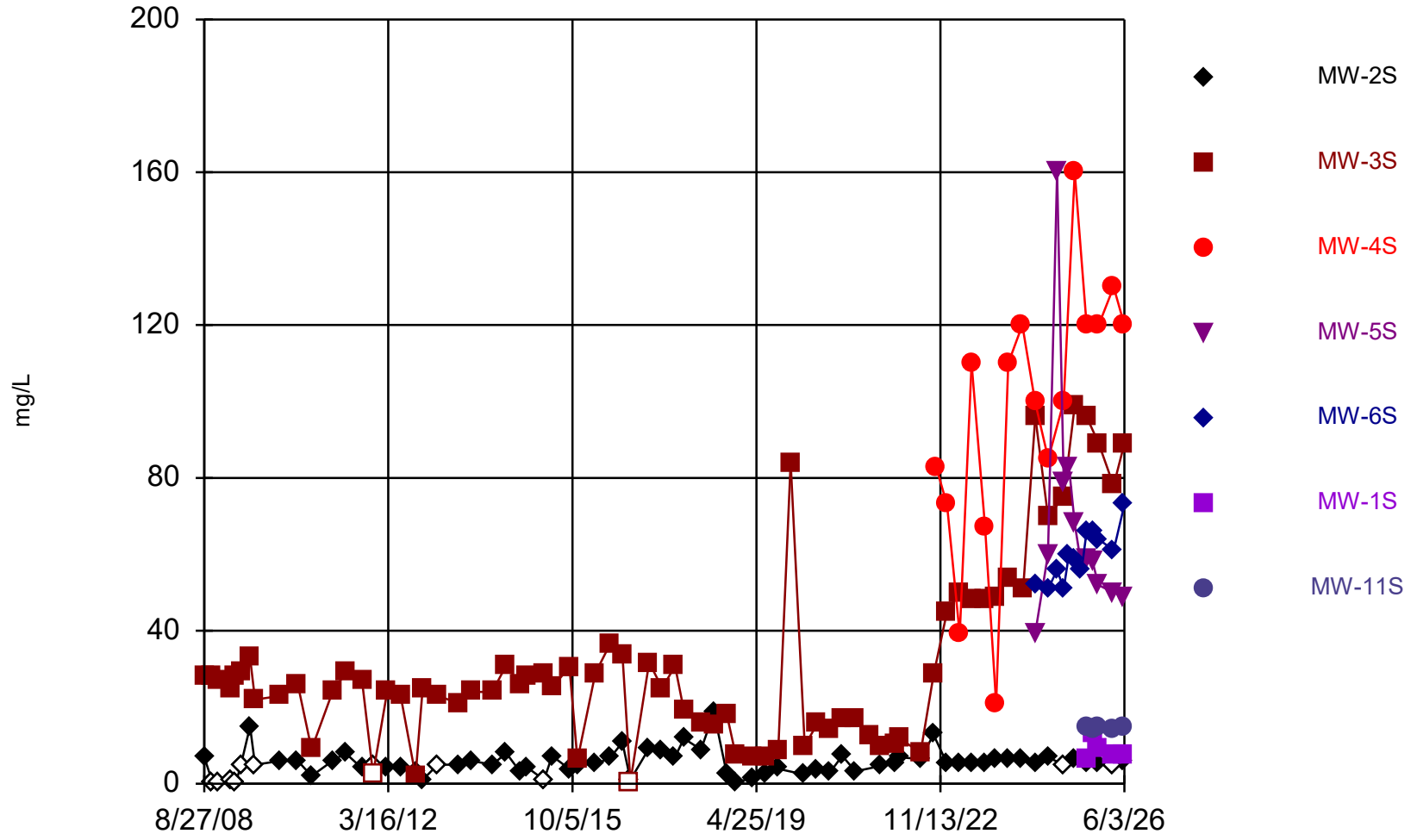


Constituent: Sulfate Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



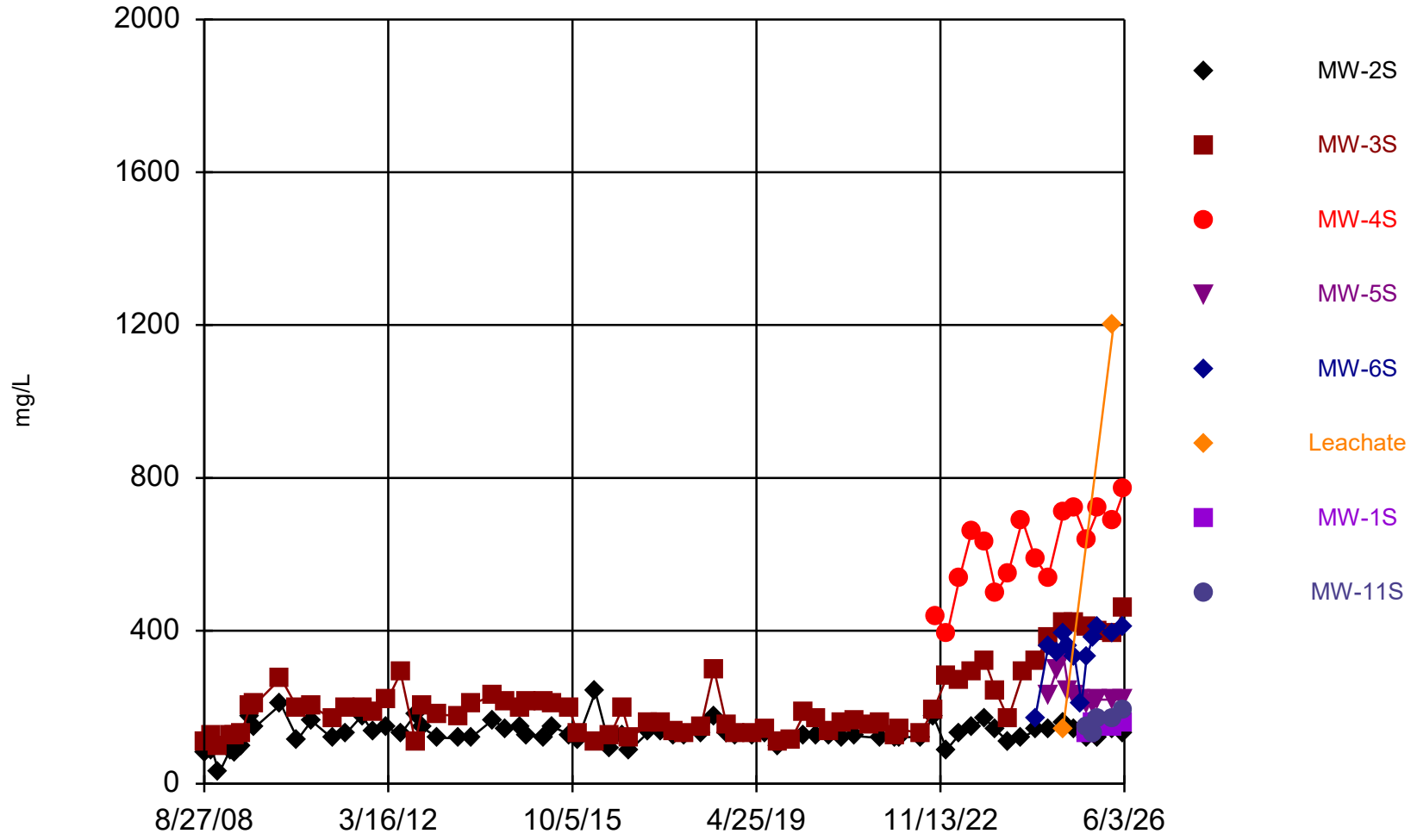
*leachate removed

Constituent: Sulfate Analysis Run 9/9/2026 10:41 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG

Time Series

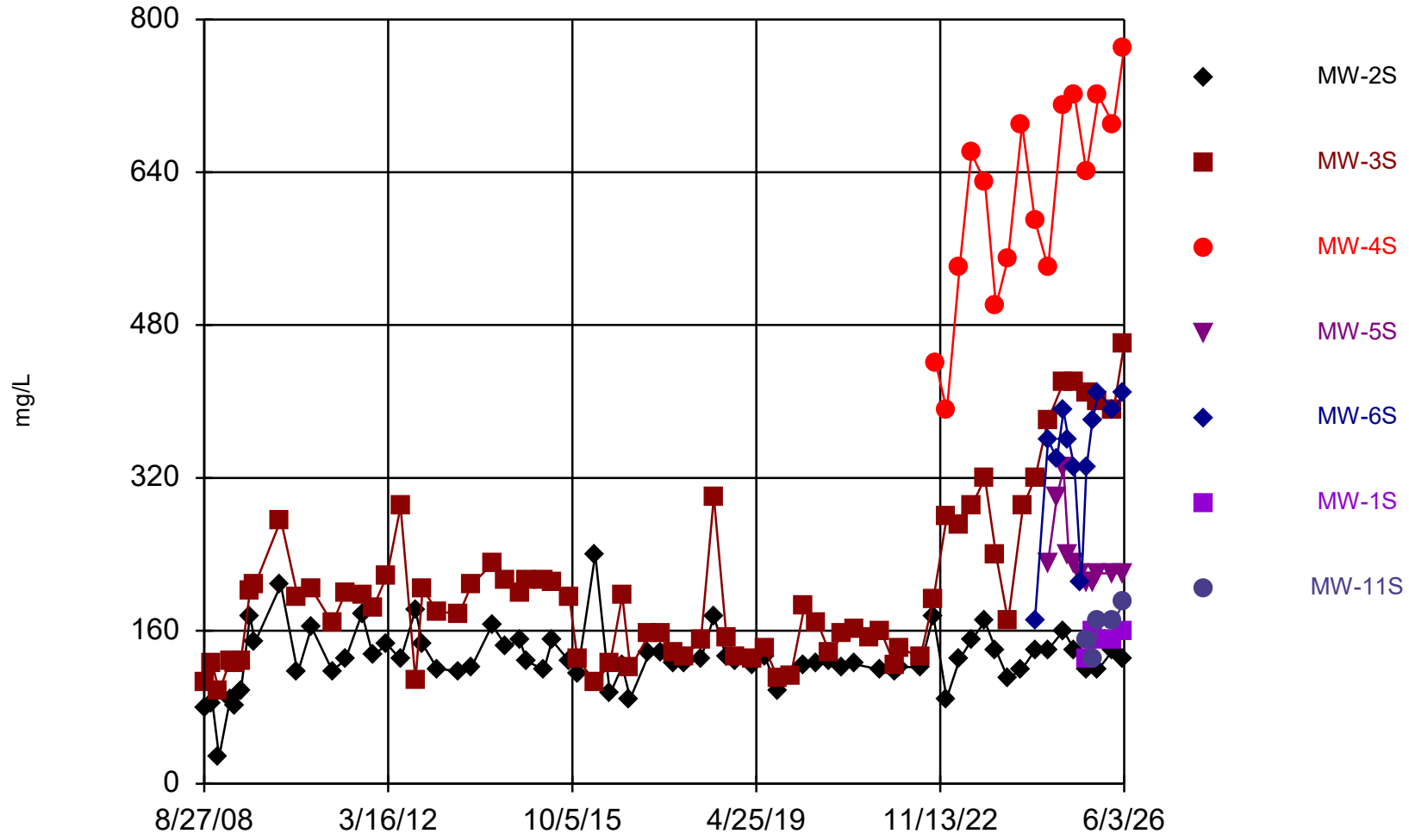


Constituent: TDS Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG

Time Series



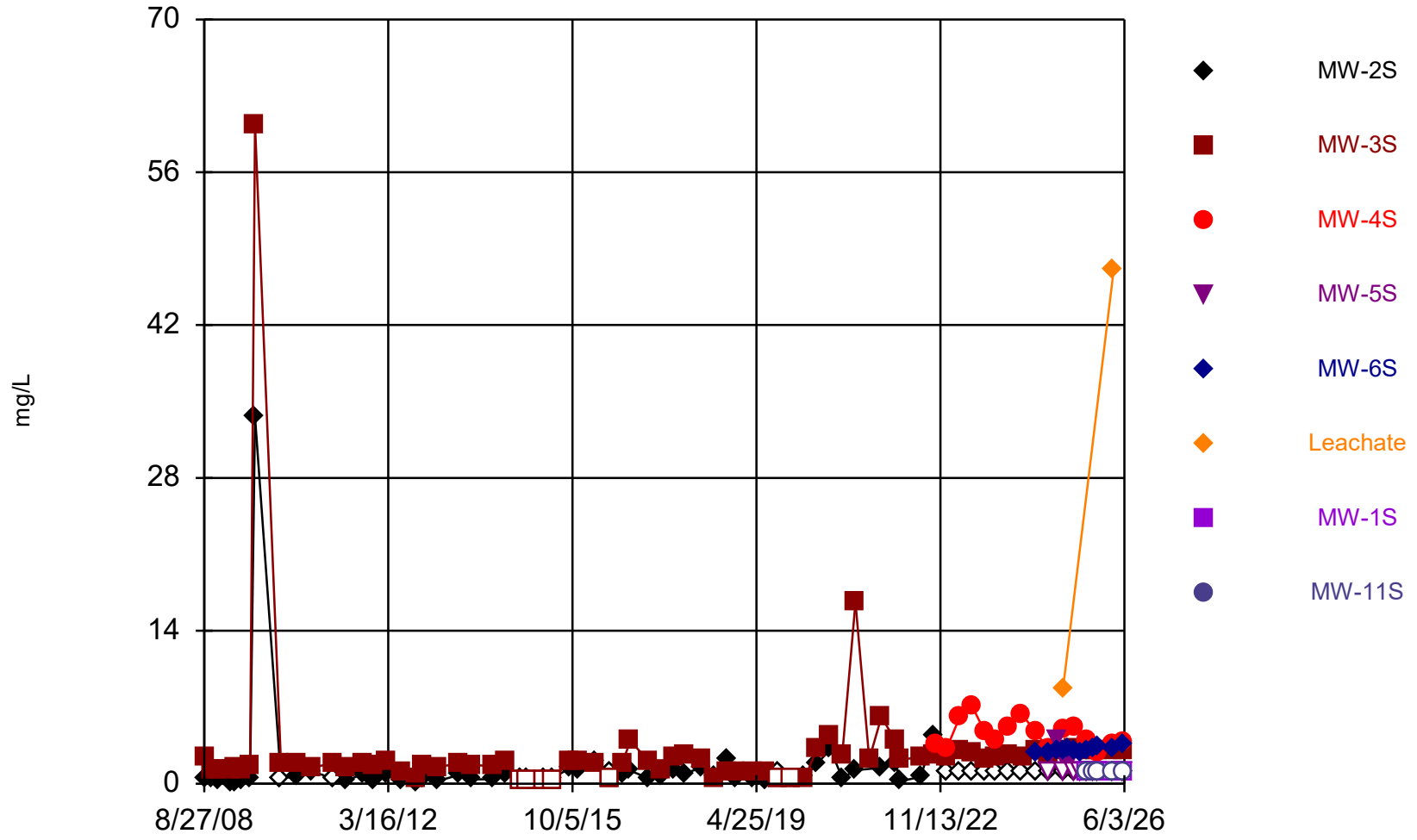
*leachate removed

Constituent: TDS Analysis Run 9/9/2026 10:41 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

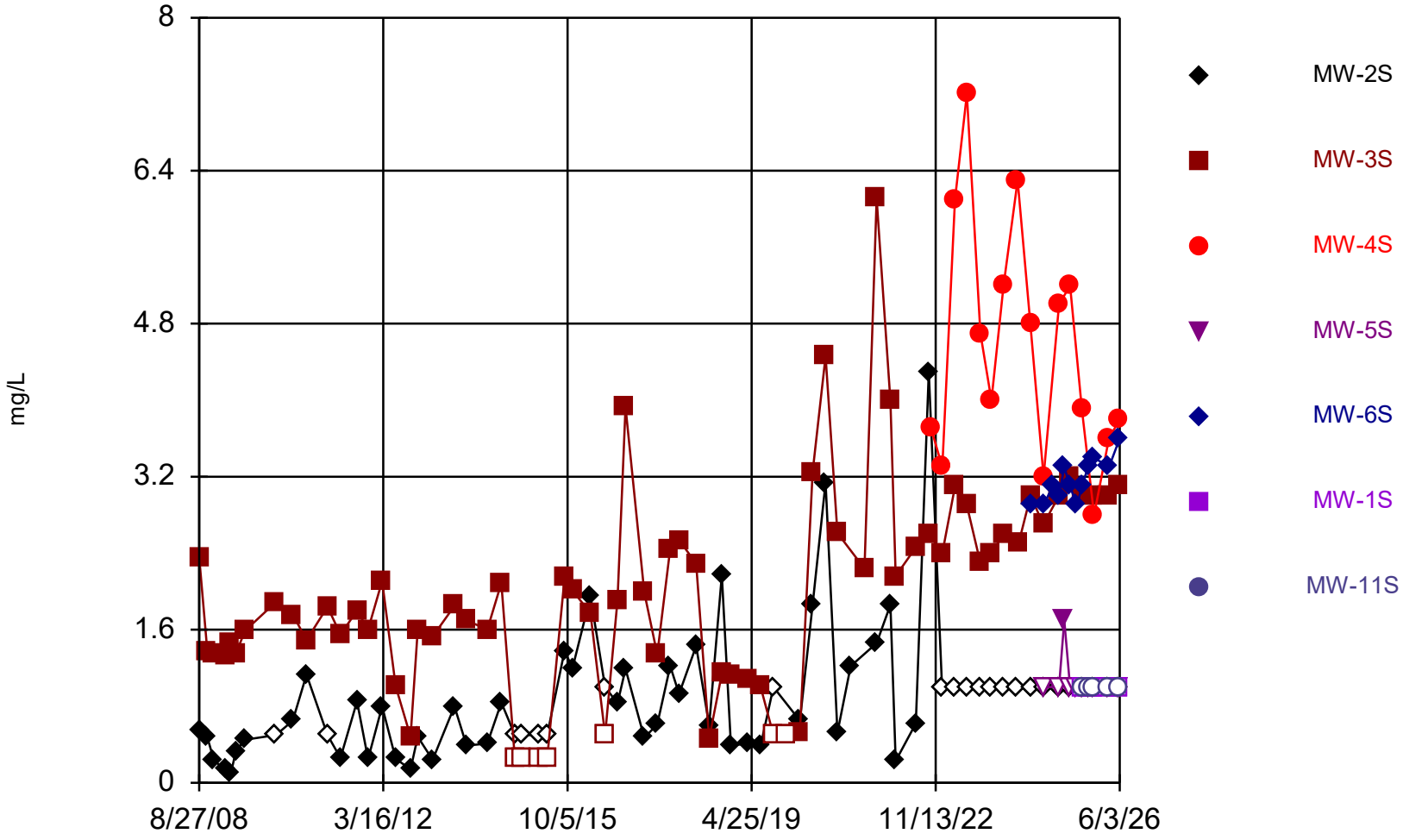


Constituent: Total Organic Carbon Analysis Run 9/9/2026 10:29 AM View: TSPs_Shallow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series



*outliers, leachate removed

Constituent: Total Organic Carbon Analysis Run 9/9/2026 10:40 AM View: TSPs_Shallow

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

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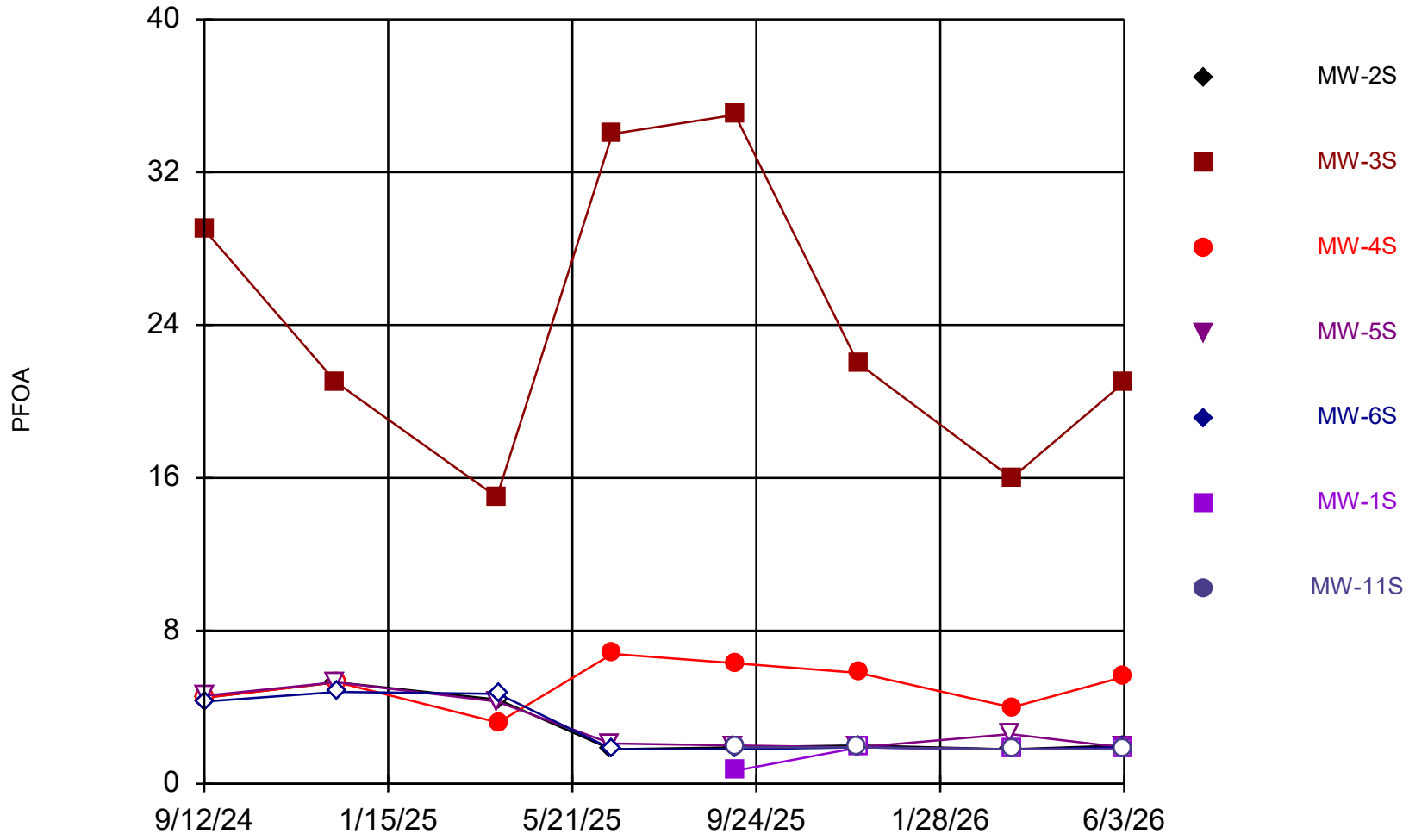
Hollow symbols indicate censored values.

Time Series



Constituent: Perfluorooctanoic acid Analysis Run 8/18/2026 2:41 PM View: TSPs

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

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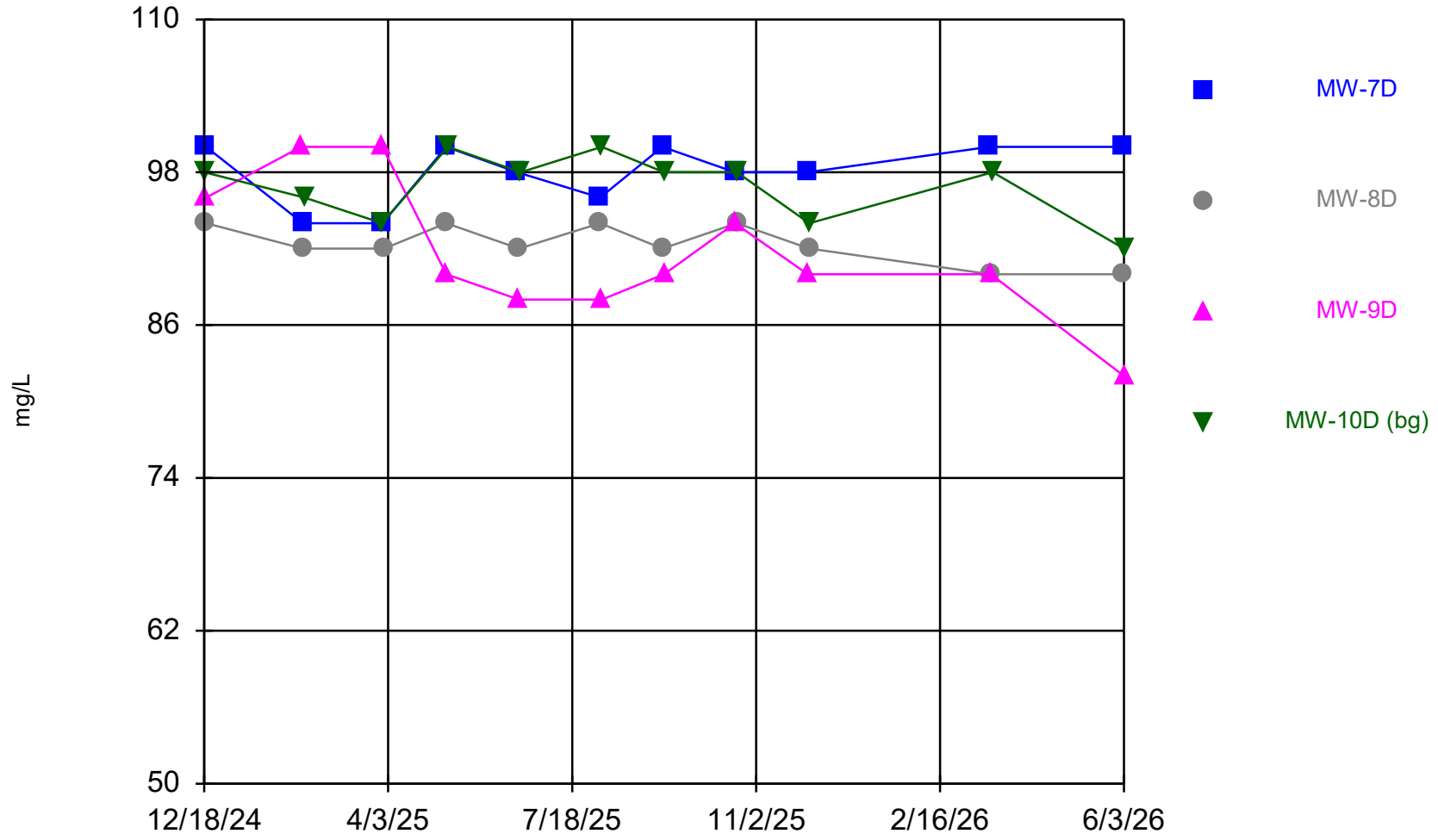
Time Series



Constituent: Alkalinity, Total Analysis Run 9/3/2026 9:22 AM View: TSPs_Interflow

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

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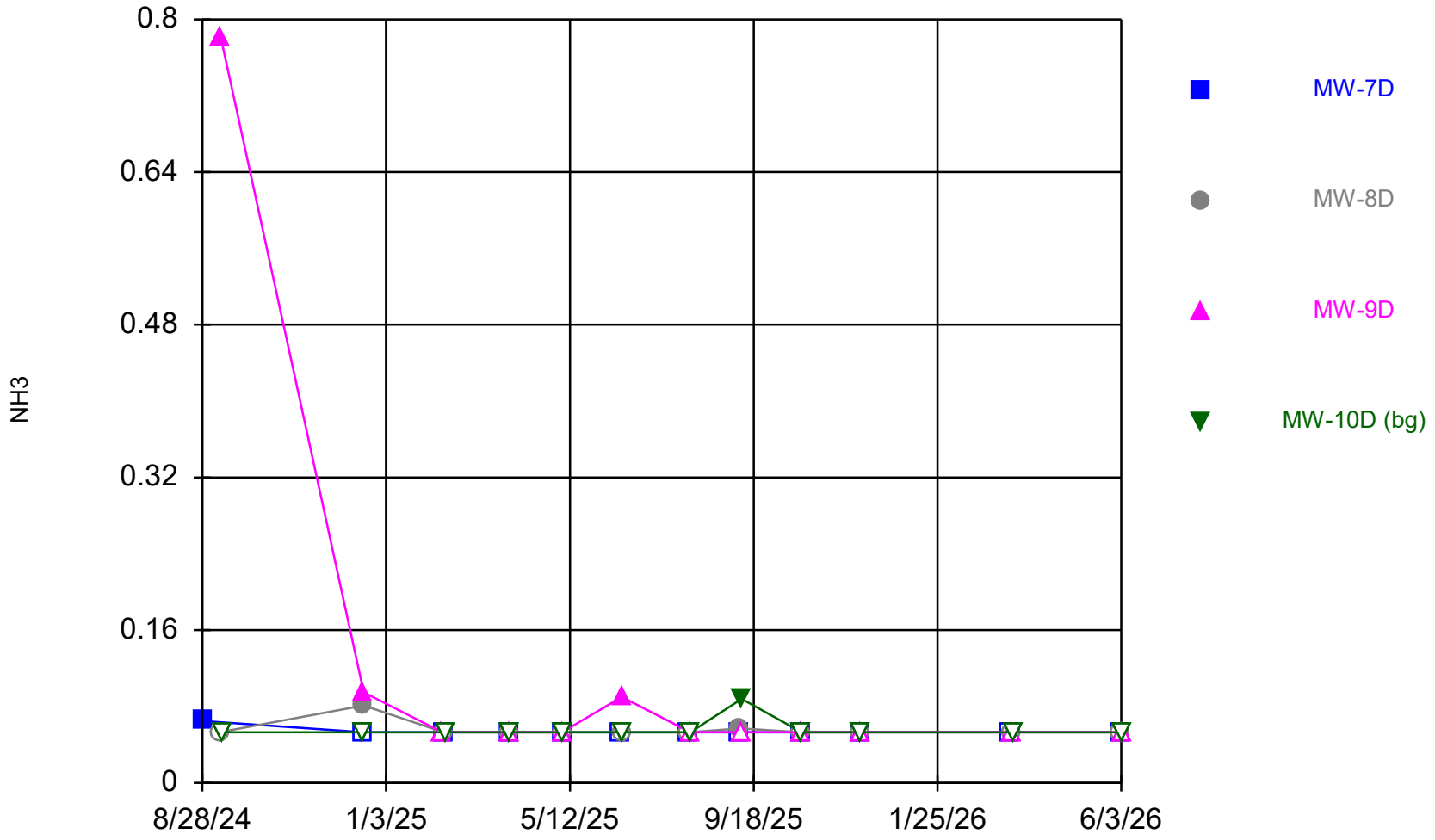
Hollow symbols indicate censored values.

Time Series



Constituent: Ammonia Analysis Run 9/3/2026 9:22 AM View: TSPs_Interflow

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

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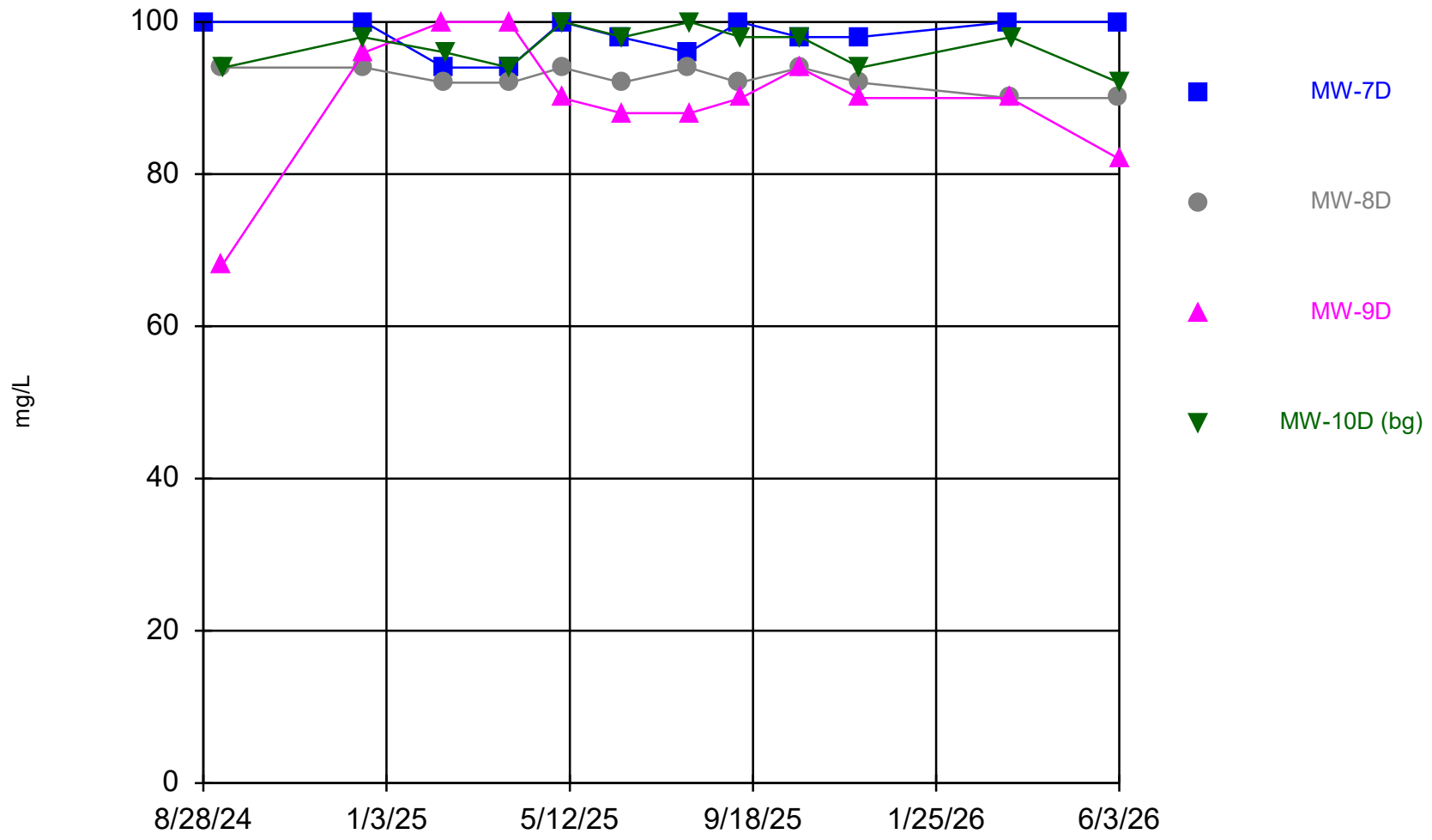
Time Series



Constituent: Bicarbonate Analysis Run 9/3/2026 9:22 AM View: TSPs_Interflow

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

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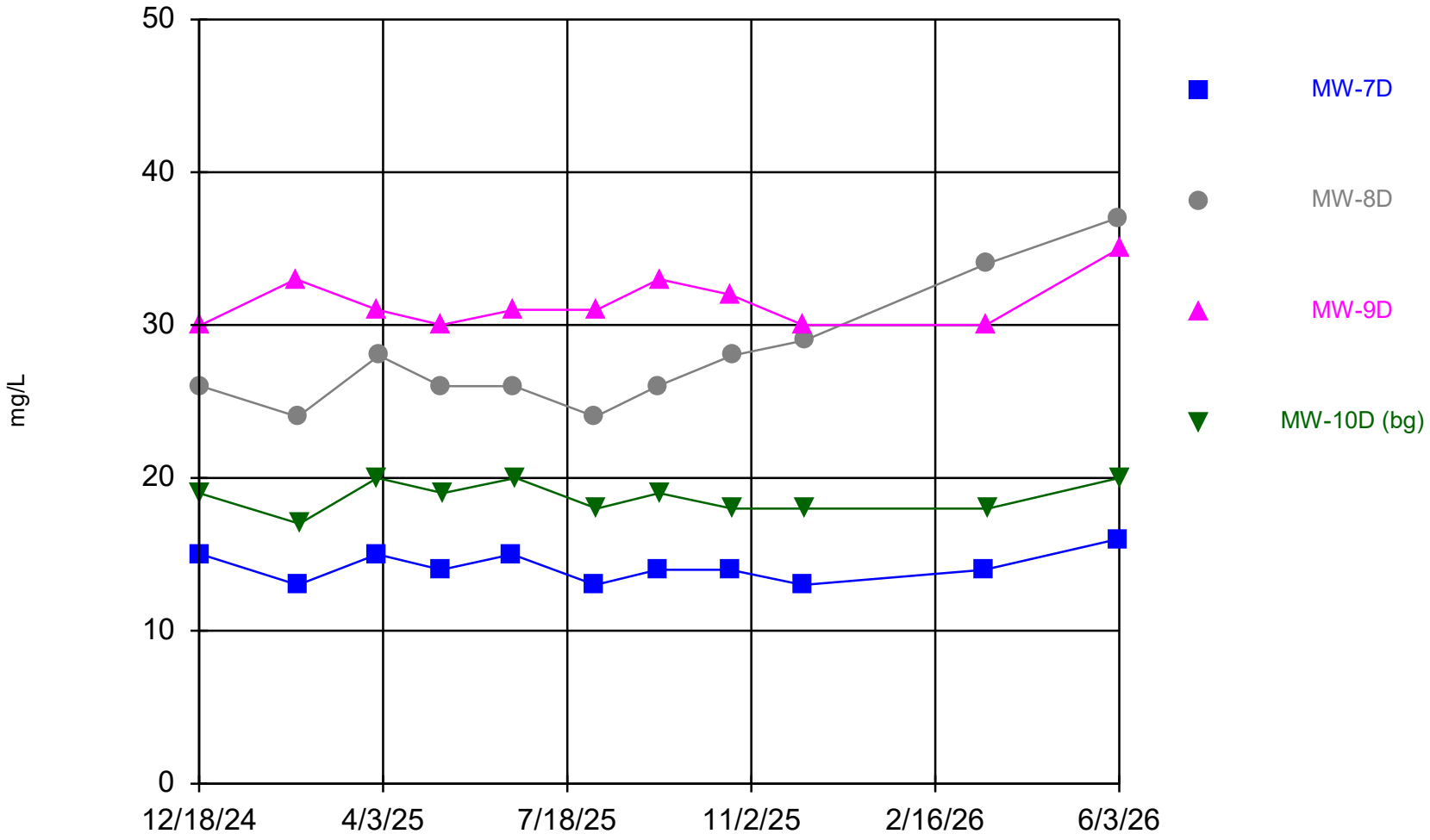
Time Series



Constituent: Calcium, Dissolved Analysis Run 9/3/2026 9:22 AM View: TSPs_Interflow

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

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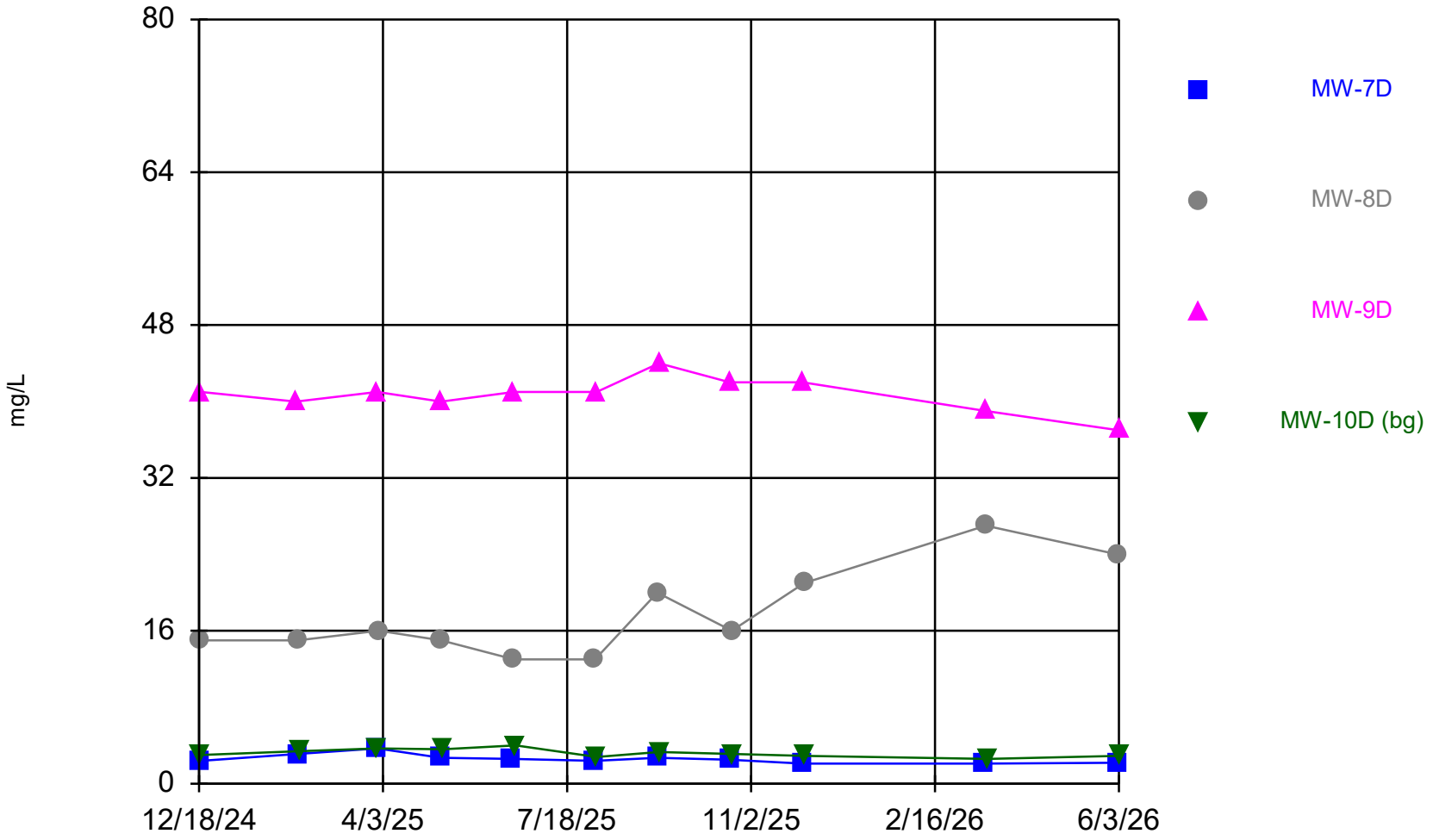
Time Series



Constituent: Chloride Analysis Run 9/3/2026 9:22 AM View: TSPs_Interflow

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

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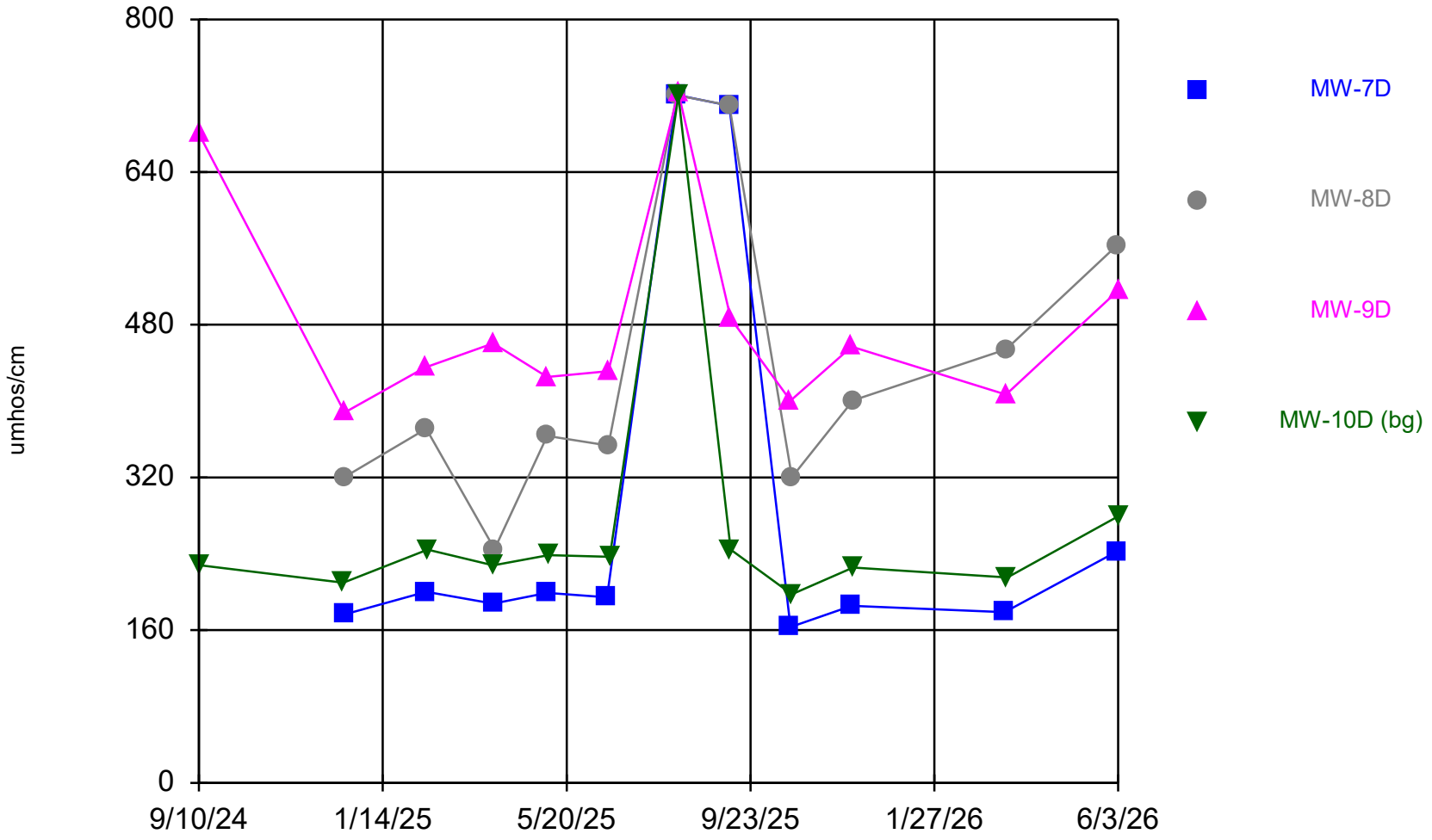
Time Series



Constituent: Conductivity Analysis Run 9/3/2026 9:22 AM View: TSPs_Interflow

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

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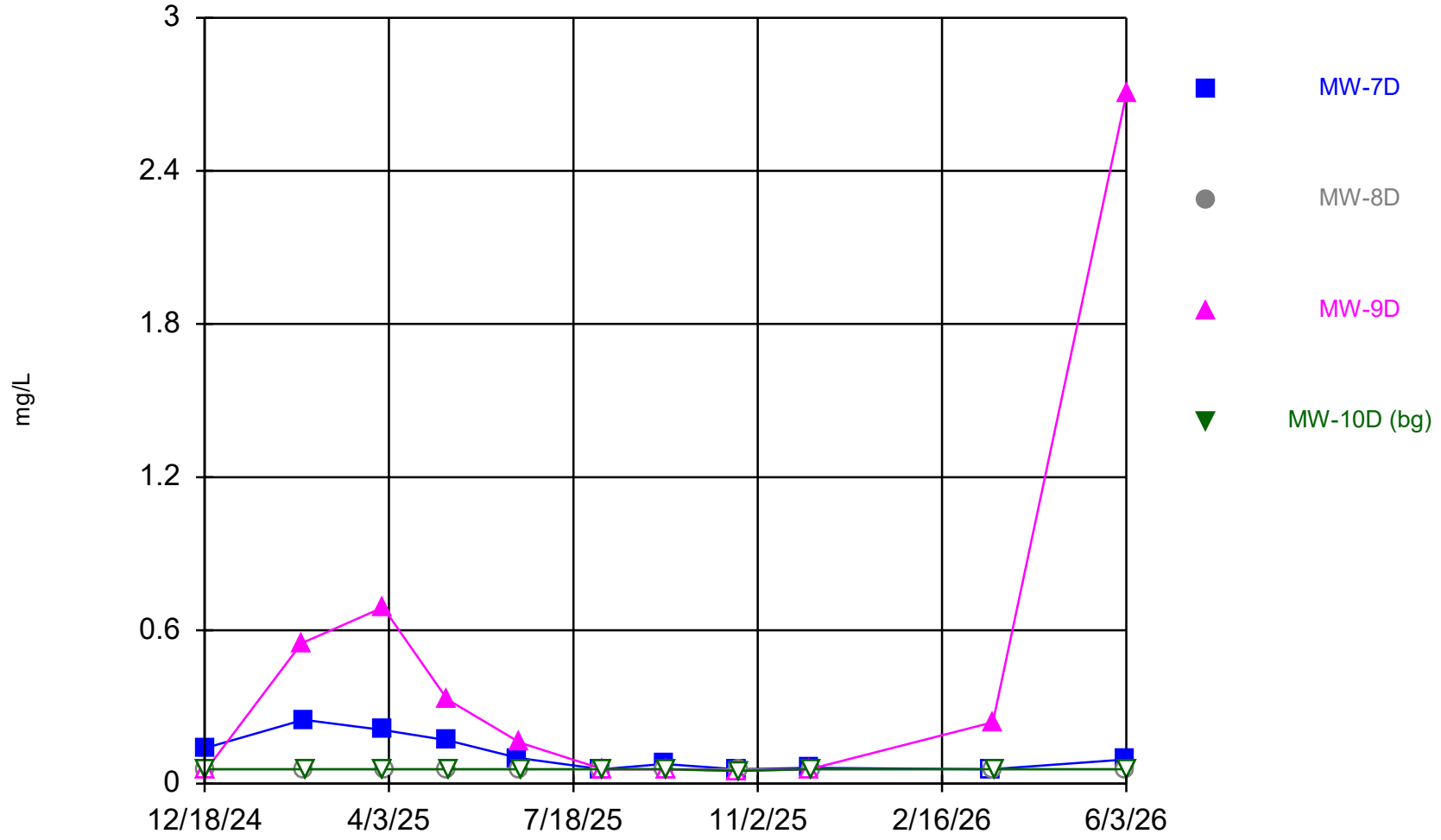
Hollow symbols indicate censored values.

Time Series



Constituent: Iron, Dissolved Analysis Run 9/3/2026 9:22 AM View: TSPs_Interflow

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

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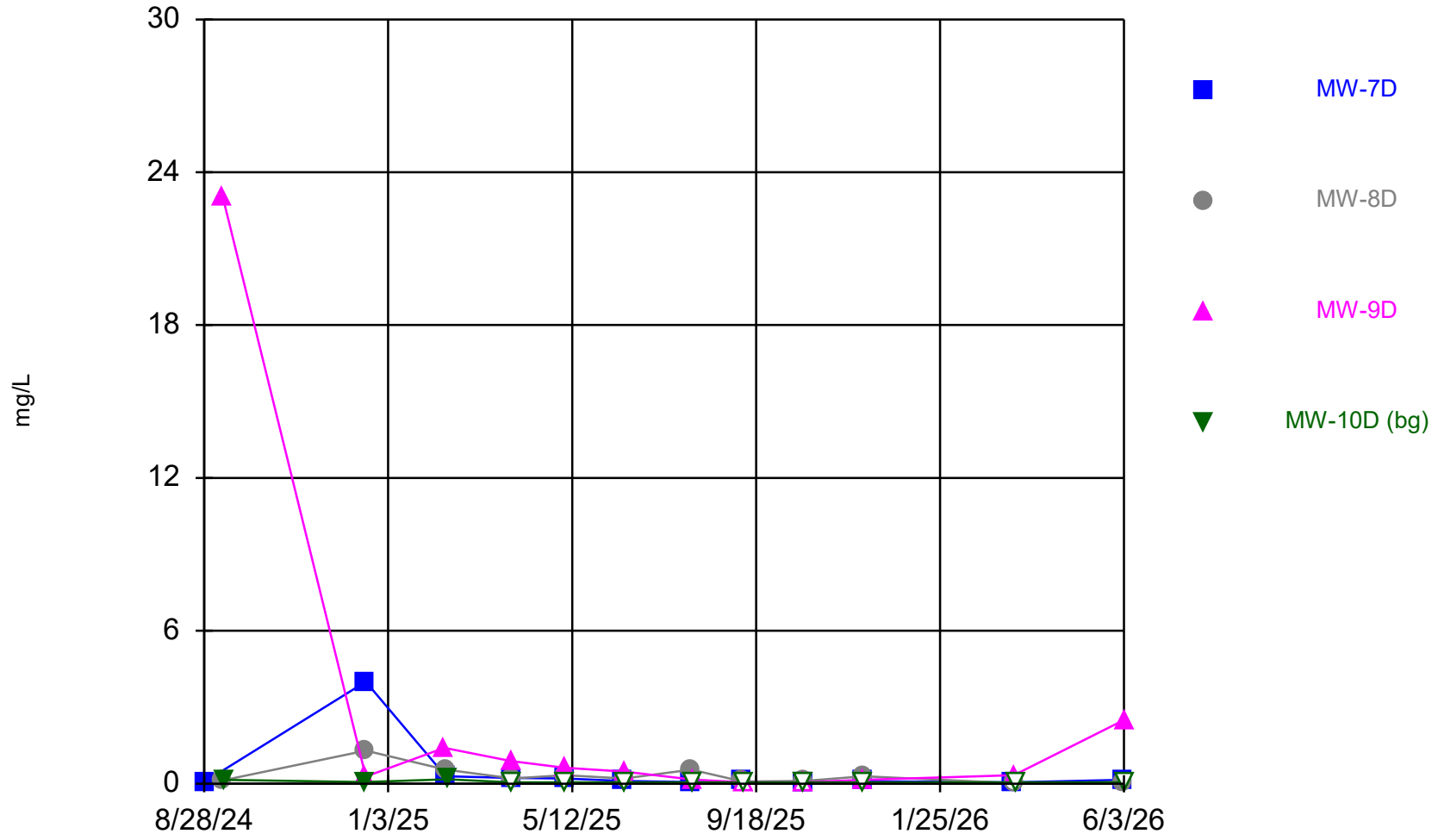
Hollow symbols indicate censored values.

Time Series



Constituent: Iron, Total Analysis Run 9/3/2026 9:22 AM View: TSPs_Interflow

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

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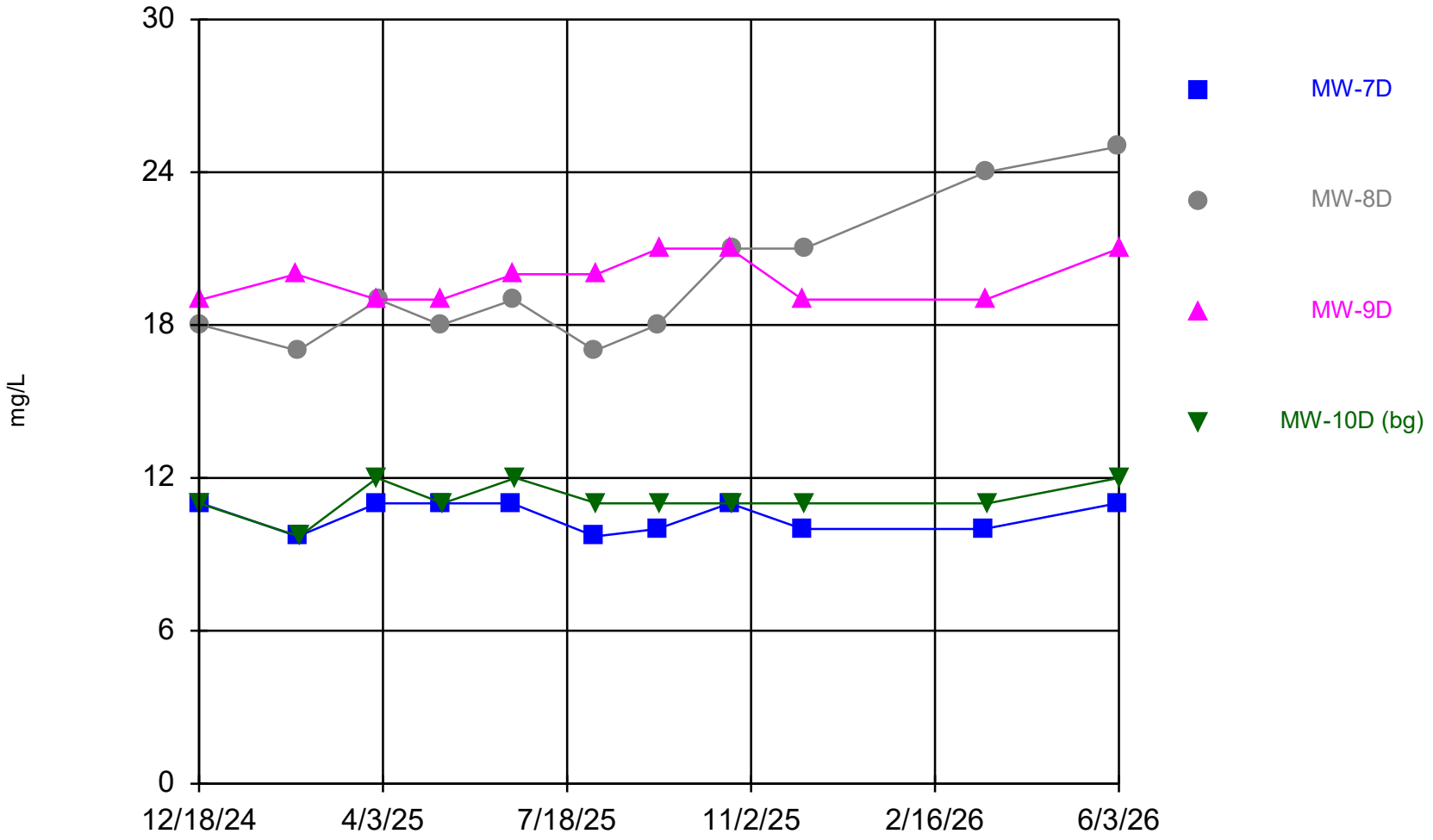
Time Series



Constituent: Magnesium, Dissolved Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

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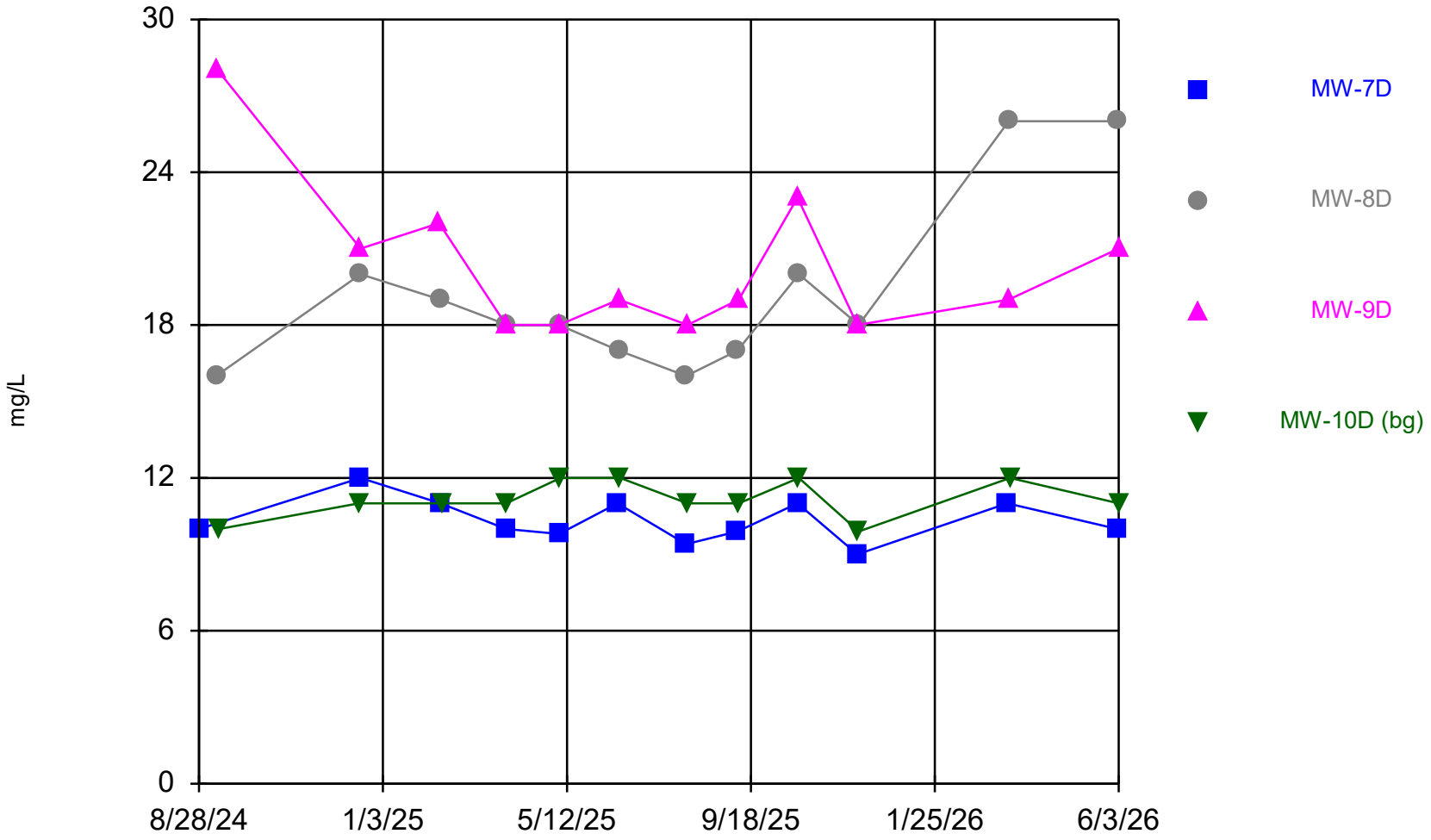
Time Series



Constituent: Magnesium, Total Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

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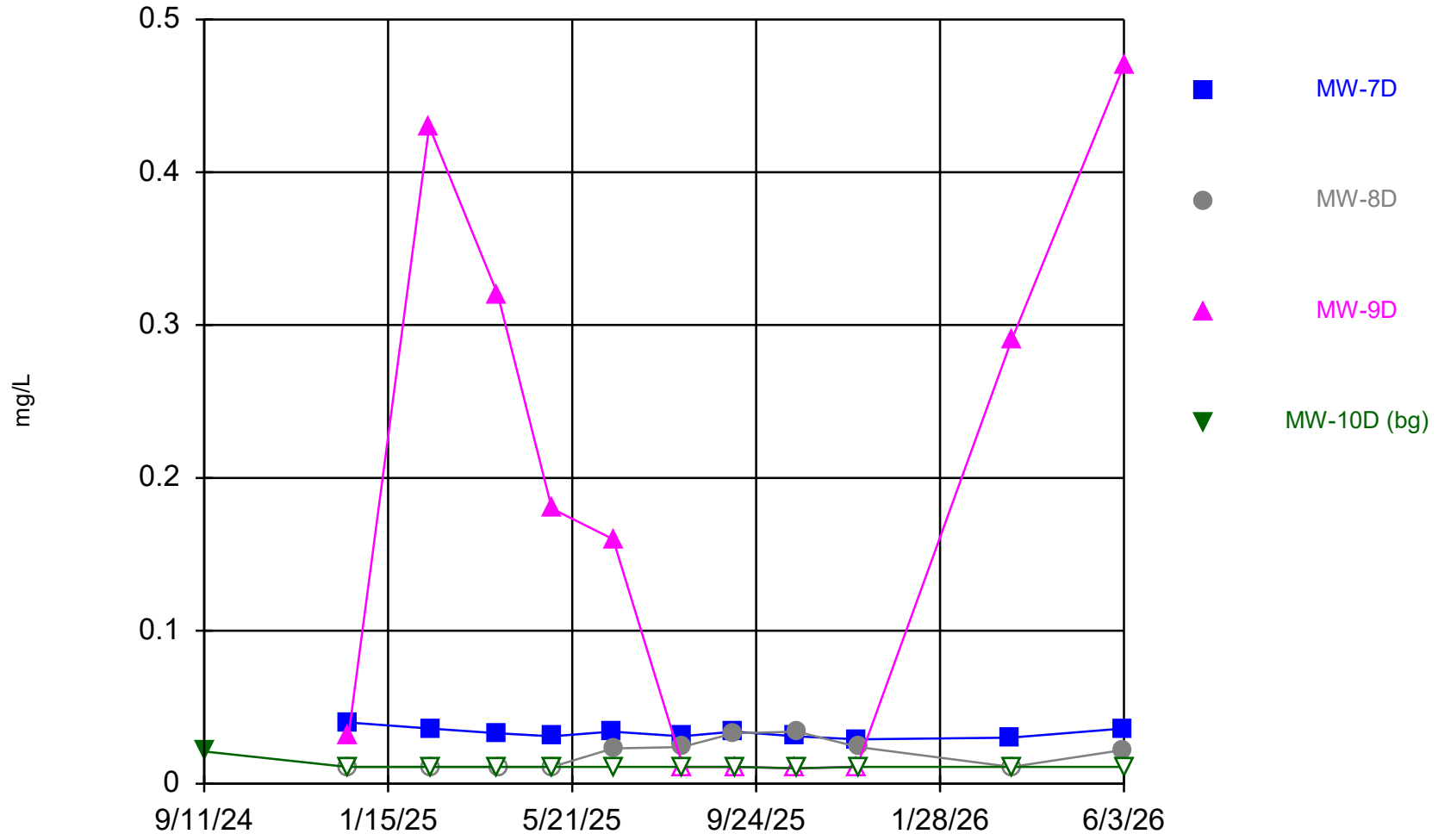
Hollow symbols indicate censored values.

Time Series



Constituent: Manganese, Dissolved Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

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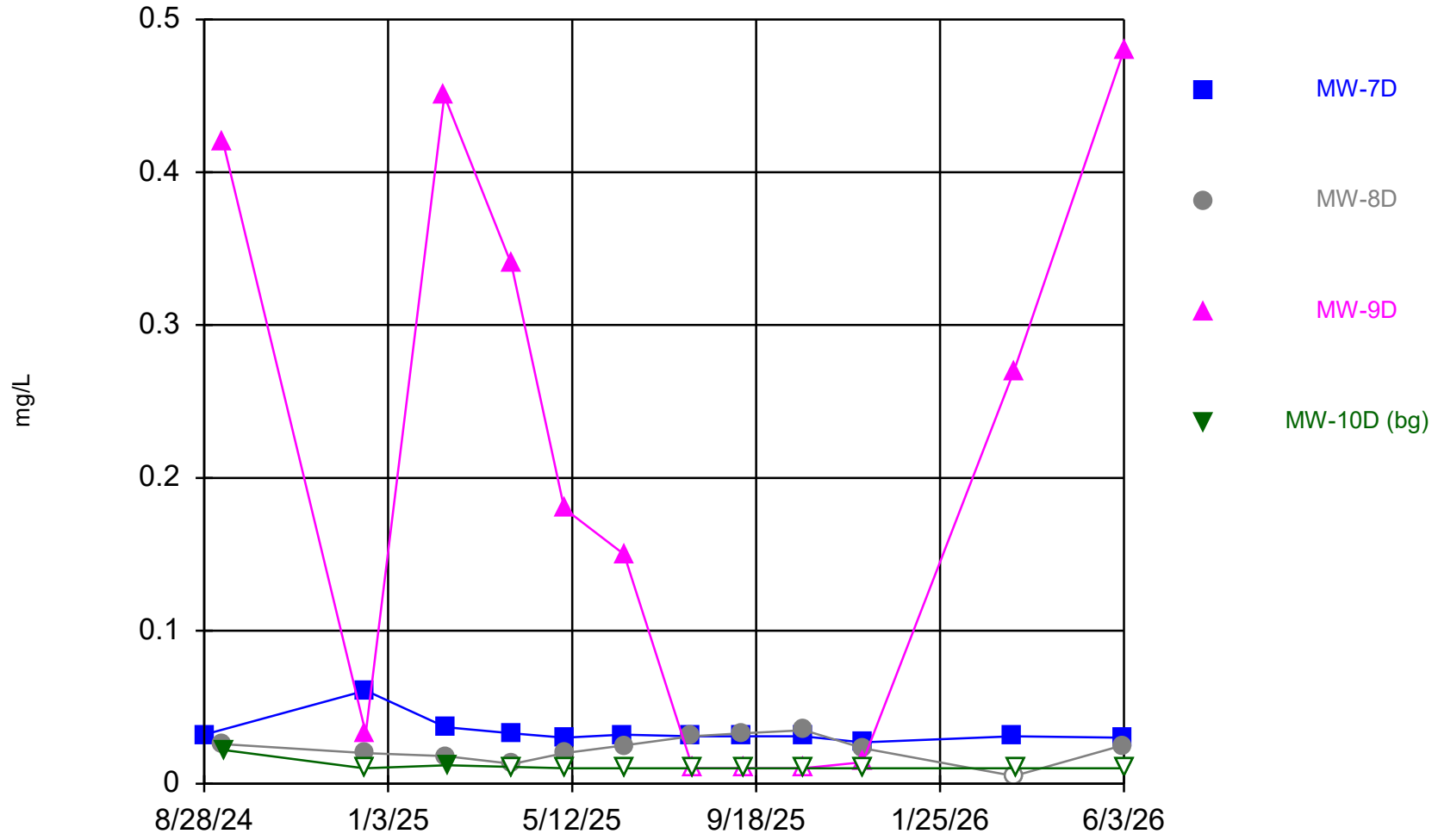
Hollow symbols indicate censored values.

Time Series

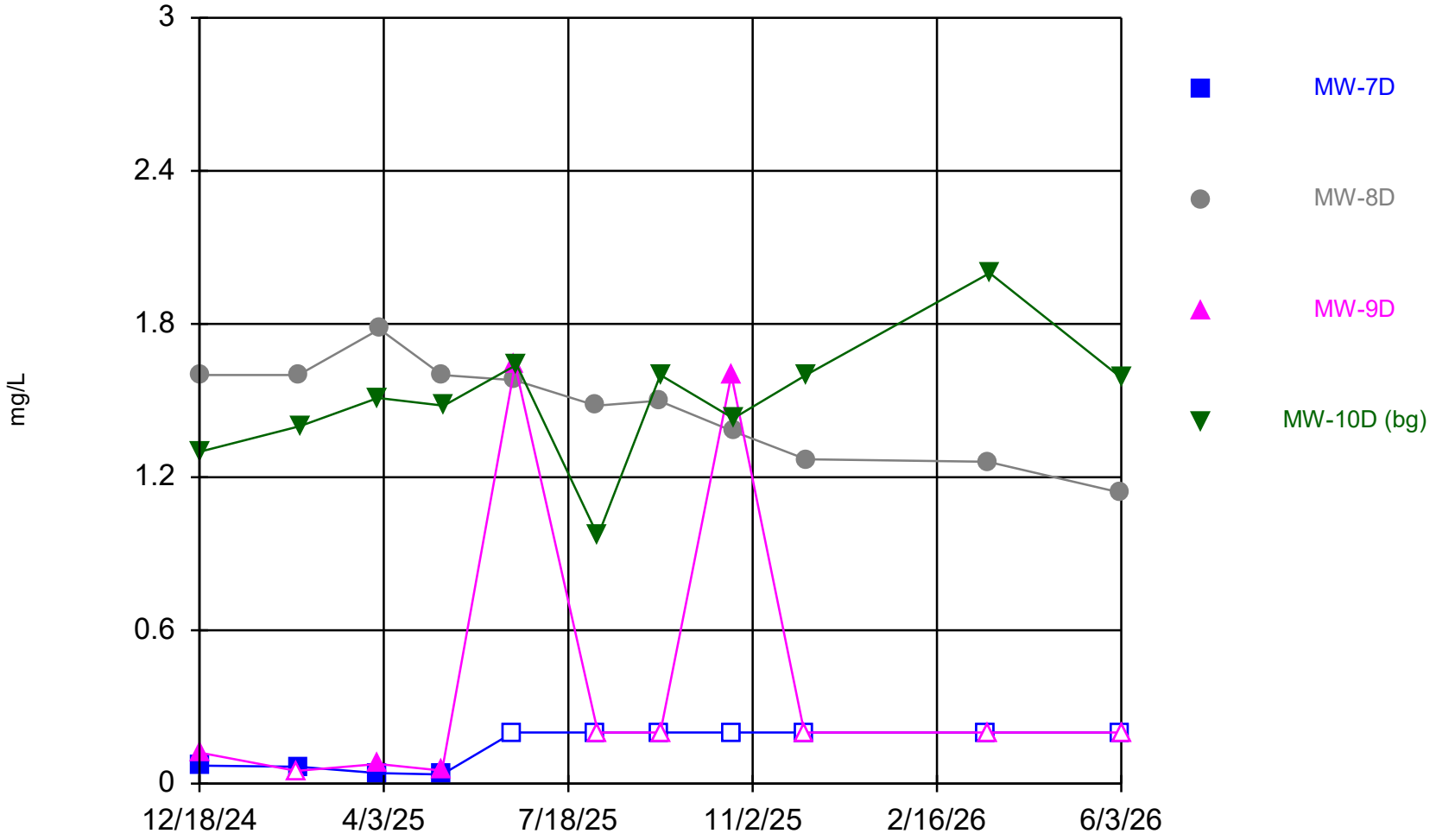


Constituent: Manganese, Total Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG
Hollow symbols indicate censored values.

Time Series

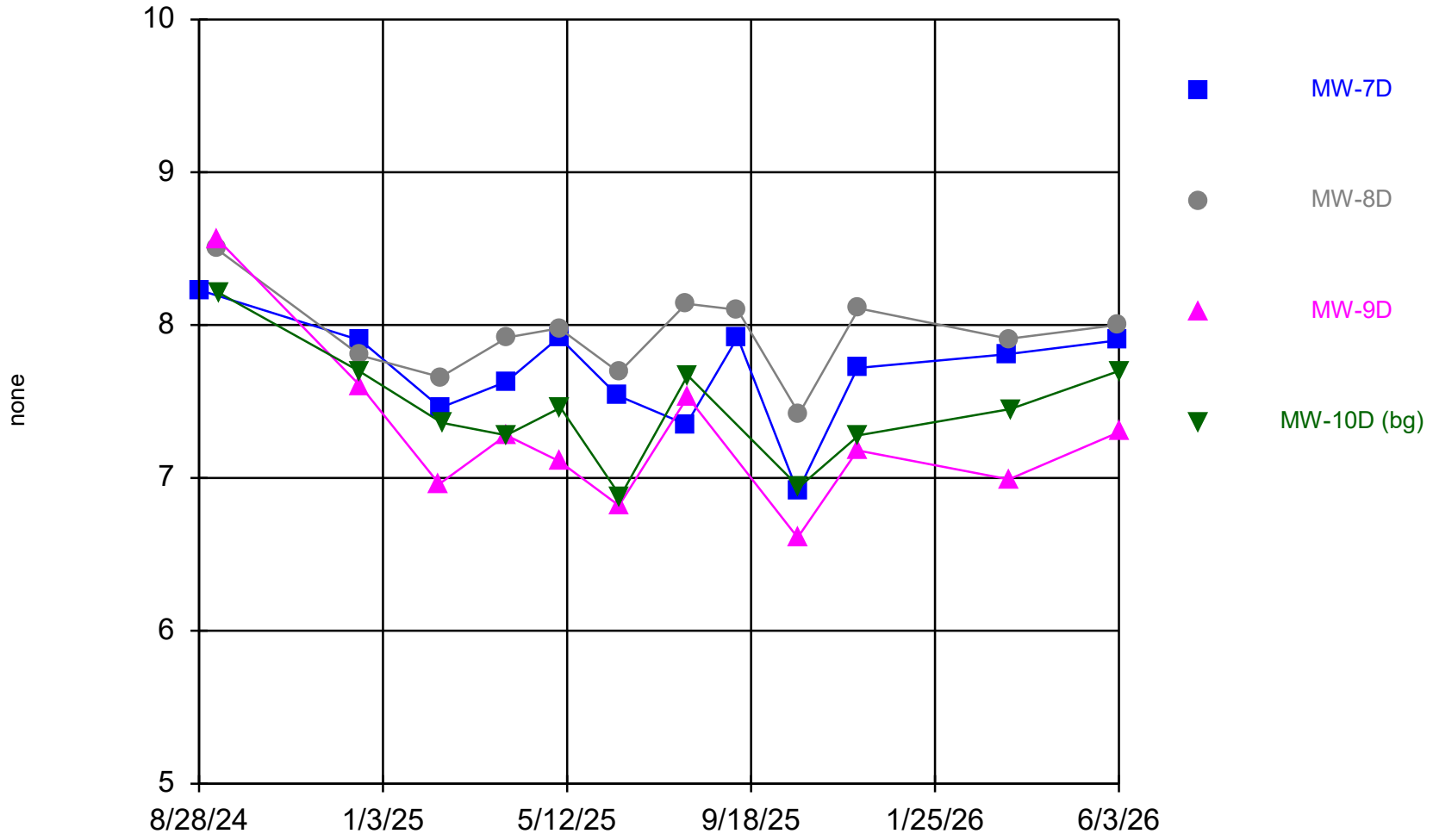


Constituent: Nitrate Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG

Time Series



Constituent: pH Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

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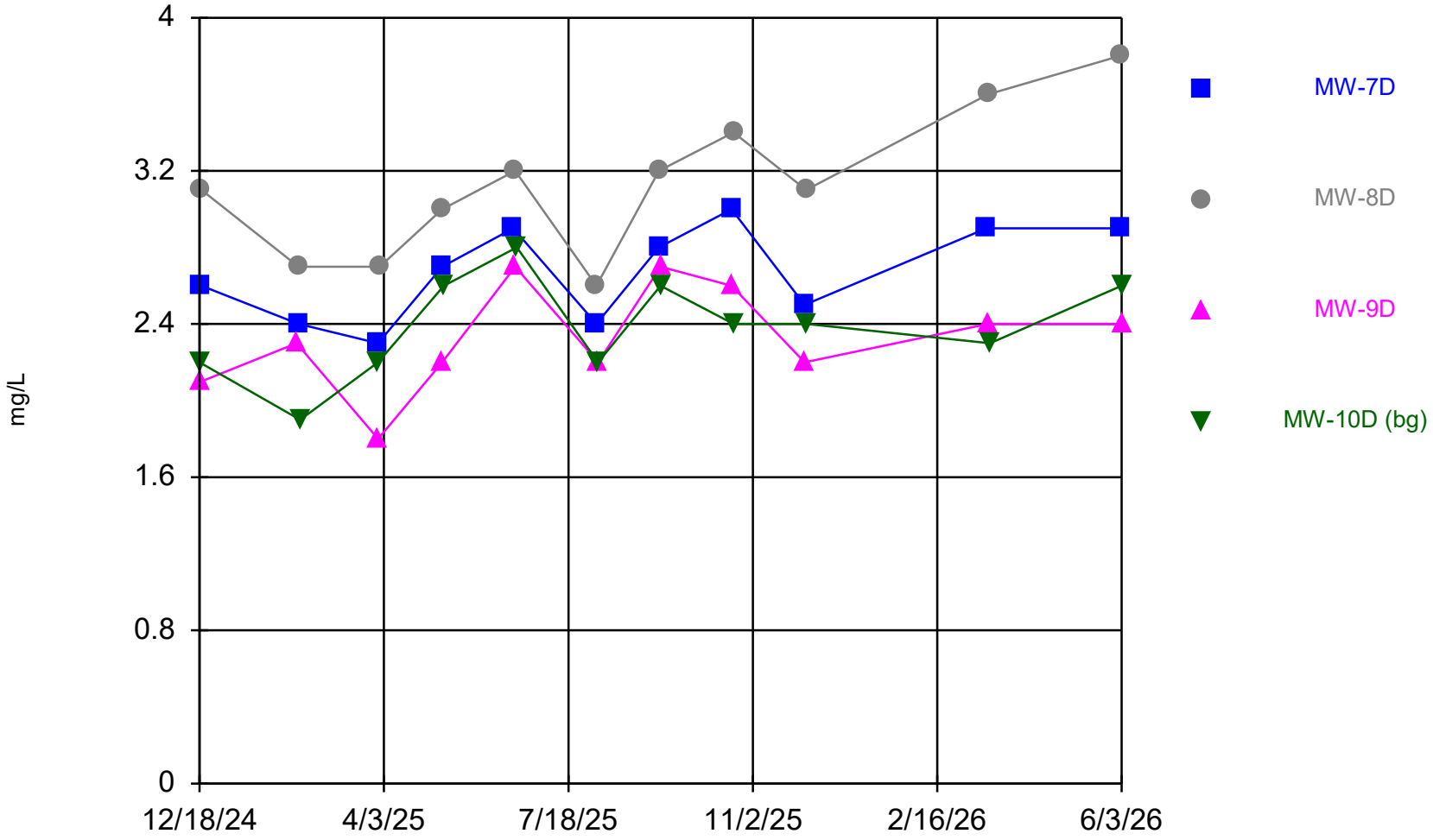
Time Series



Constituent: Potassium, Dissolved Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

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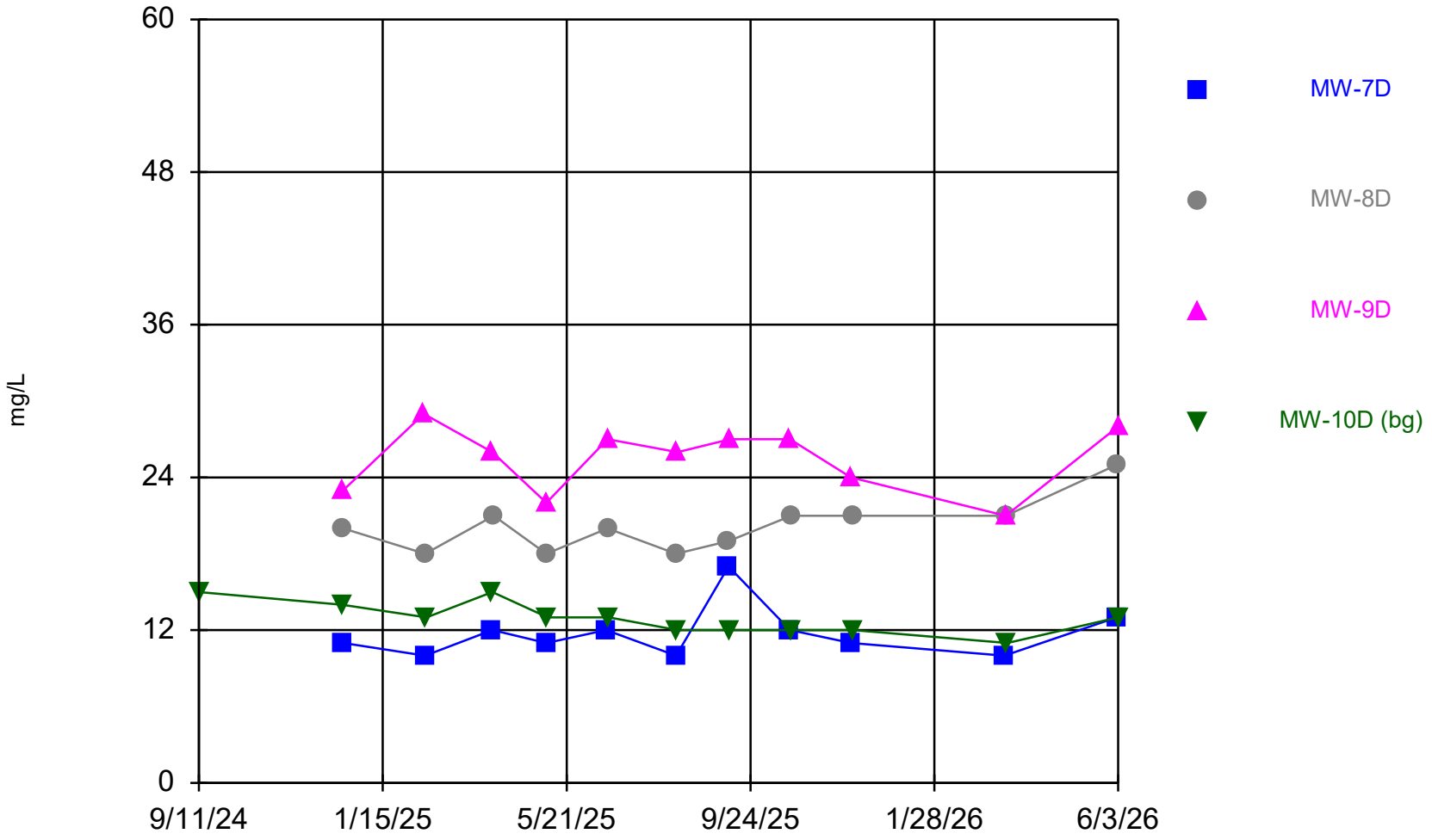
Time Series



Constituent: Sodium, Dissolved Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

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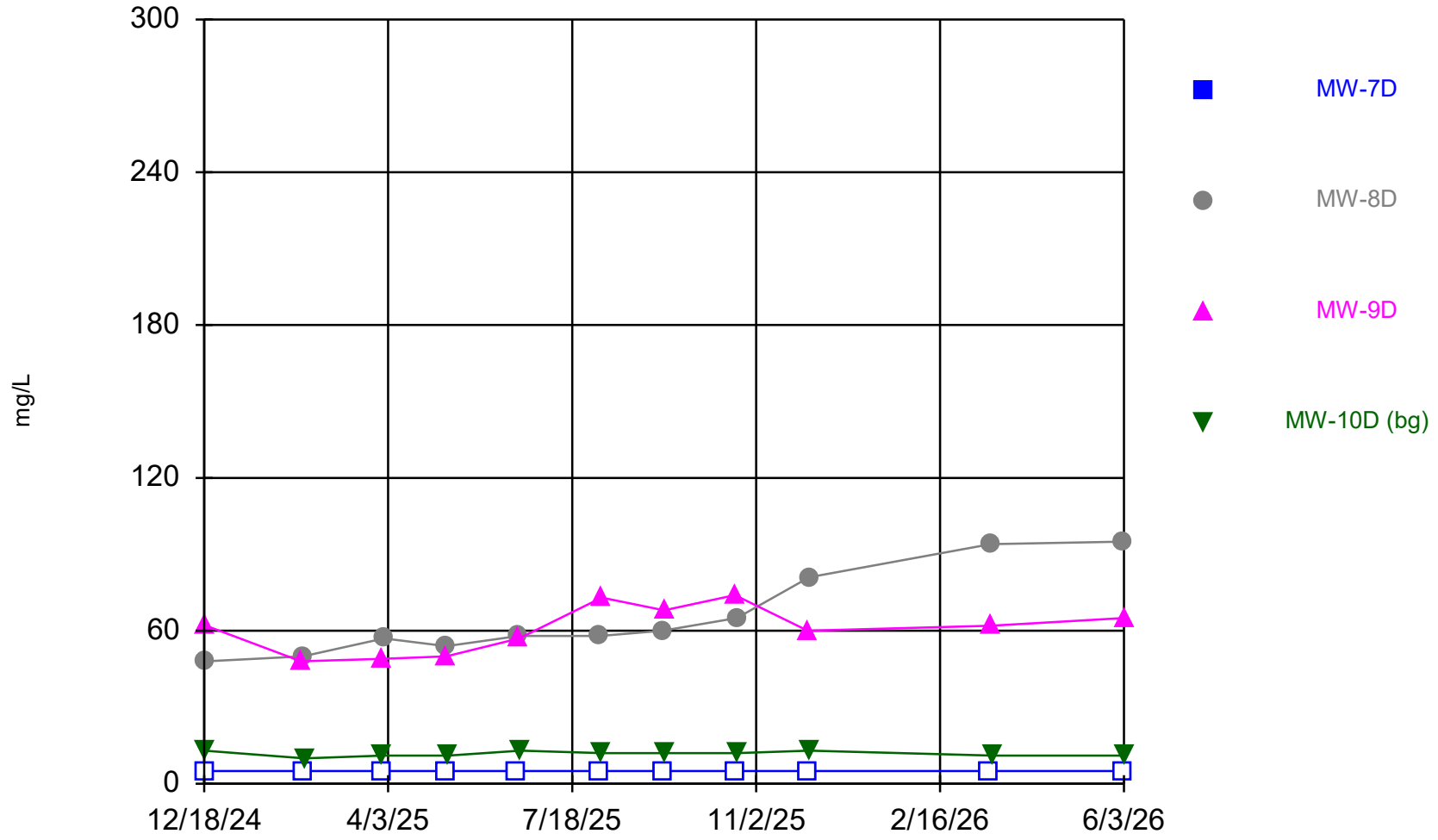
Hollow symbols indicate censored values.

Time Series



Constituent: Sulfate Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

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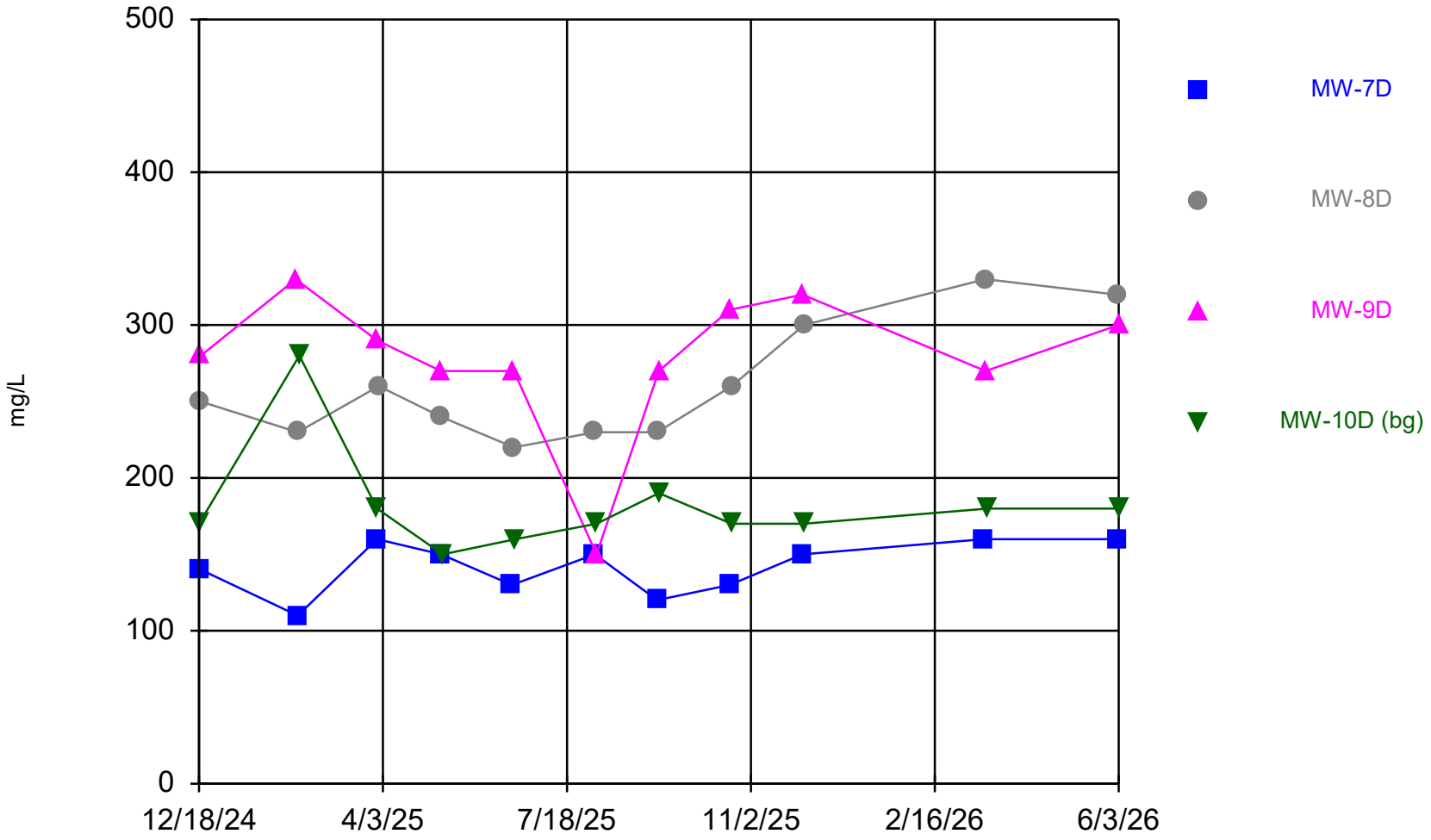
Time Series



Constituent: TDS Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

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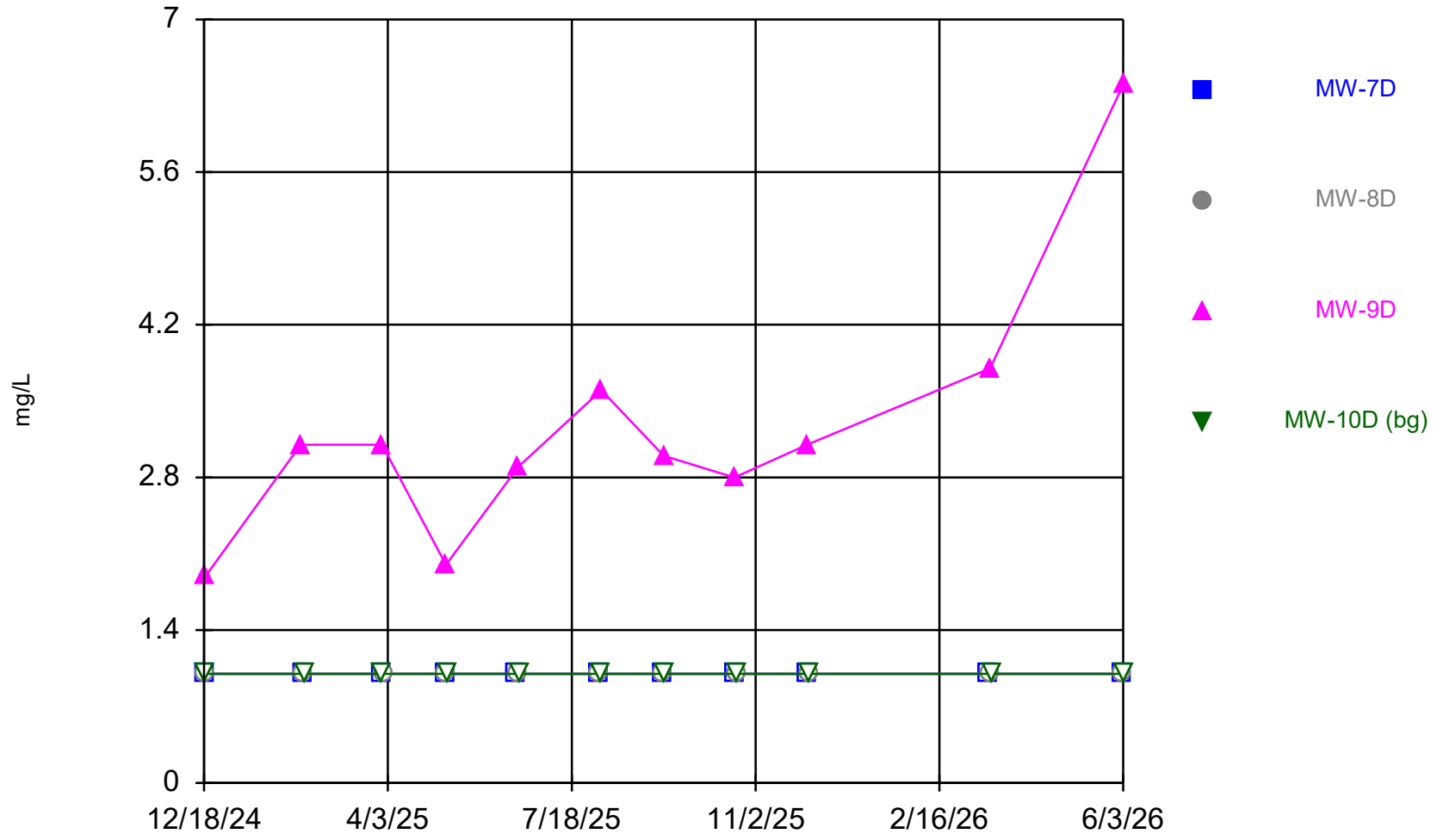
Hollow symbols indicate censored values.

Time Series



Constituent: Total Organic Carbon Analysis Run 9/3/2026 9:23 AM View: TSPs_Interflow

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

Appendix E

Geochemistry

Cation/Anion Balance Calculations, Rocky Top Environmental Limited Purpose Landfill, Second 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	16	0.70	32.52	12	0.52	24.90	24	1.04	14.64	26	1.13	8.66	21	0.91	22.68	21	0.91	13.11	15	0.65	20.94
Ca	0.0499	14	0.70	32.64	14	0.70	33.33	55	2.74	38.50	110	5.49	42.01	29	1.45	35.92	56	2.79	40.11	21	1.05	33.64
Mg	0.08229	8.3	0.68	31.91	9.6	0.79	37.69	39	3.21	45.01	76	6.25	47.87	19	1.56	38.81	38	3.13	44.89	16	1.32	42.26
Fe(+2)	0.03581	0.028	0.00	0.05	0.028	0.00	0.05	0.028	0.00	0.01	0.028	0.00	0.01	0.11	0.00	0.10	0.028	0.00	0.01	0.028	0.00	0.03
K	0.02558	2.4	0.06	2.87	3.3	0.08	4.03	5.1	0.13	1.83	7.4	0.19	1.45	3.9	0.10	2.48	5.1	0.13	1.87	3.8	0.10	3.12
Mn	0.0364	0.006	0.00	0.01	0.006	0.00	0.01	0.006	0.00	0.00	0.006	0.00	0.00	0.020	0.00	0.02	0.006	0.00	0.00	0.006	0.00	0.01
		TOTAL	2.14	100.00	TOTAL	2.10	100.00	TOTAL	7.13	100.00	TOTAL	13.06	100.00	TOTAL	4.03	100.00	TOTAL	6.97	100.00	TOTAL	3.12	100.00
ANIONS																						
HCO_3^2	0.02	80	1.60	85.14	78	1.56	87.23	100	2.00	30.73	140	2.80	24.09	110	2.20	59.80	90	1.80	27.77	110	2.20	76.67
SO_4	0.02082	7.7	0.16	8.53	5.6	0.12	6.52	89	1.85	28.47	120	2.50	21.50	49	1.02	27.73	73	1.52	23.45	15	0.31	10.88
Cl	0.02821	3.3	0.09	4.95	2.3	0.06	3.63	63	1.78	27.31	31	0.87	7.53	16	0.45	12.27	67	1.89	29.16	7.8	0.22	7.67
CO_3^2	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NO_3^3	0.0714	0.362	0.03	1.38	0.658	0.05	2.63	12.3	0.88	13.49	76.3	5.45	46.88	0.100	0.01	0.19	17.8	1.27	19.61	1.92	0.14	4.78
		TOTAL	1.88	100.00	TOTAL	1.79	100.00	TOTAL	6.51	100.00	TOTAL	11.62	100.00	TOTAL	3.68	100.00	TOTAL	6.48	100.00	TOTAL	2.87	100.00
anion + cation Sum (meq/L)			4.02			3.88			13.64			24.69			7.71			13.45			5.98	
(meq/L cations-anions)/(meq/L cations+anions)*100				6.49			7.92			4.55			5.85			4.54			3.61			4.11

Cation/Anion Balance Calculations, Rocky Top Environmental Limited Purpose Landfill, Second 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	13	0.57	24.08	25	1.09	21.37	28	1.22	25.02	13	0.57	21.59
Ca	0.0499	16	0.80	34.00	37	1.85	36.27	35	1.75	35.88	20	1.00	38.11
Mg	0.08229	11	0.91	38.55	25	2.06	40.42	21	1.73	35.50	12	0.99	37.71
Fe(+2)	0.03581	0.094	0.00	0.14	0.028	0.00	0.02	2.7	0.10	1.99	0.028	0.00	0.04
K	0.02558	2.9	0.07	3.16	3.8	0.10	1.91	2.4	0.06	1.26	2.6	0.07	2.54
Mn	0.0364	0.036	0.00	0.06	0.022	0.00	0.02	0.47	0.02	0.35	0.006	0.00	0.01
		TOTAL	2.35	100.00	TOTAL	5.09	100.00	TOTAL	4.87	100.00	TOTAL	2.62	100.00
ANIONS													
HCO_3[2]	0.02	100	2.00	94.28	90	1.80	39.68	82	1.64	40.55	92	1.84	81.26
SO_4	0.02082	2.5	0.05	2.45	95	1.98	43.60	65	1.35	33.46	11	0.23	10.11
Cl	0.02821	2.2	0.06	2.93	24	0.68	14.92	37	1.04	25.81	2.9	0.08	3.61
CO_3[2]	0.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NO_3[3]	0.0714	0.100	0.01	0.34	1.14	0.08	1.79	0.100	0.01	0.18	1.59	0.11	5.01
		TOTAL	2.12	100.00	TOTAL	4.54	100.00	TOTAL	4.04	100.00	TOTAL	2.26	100.00
anion + cation Sum (meq/L)			4.47			9.63			8.91			4.88	
(meq/L cations-anions)/(meq/L cations+anions)*100				5.07			5.75			9.24			7.26

[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).

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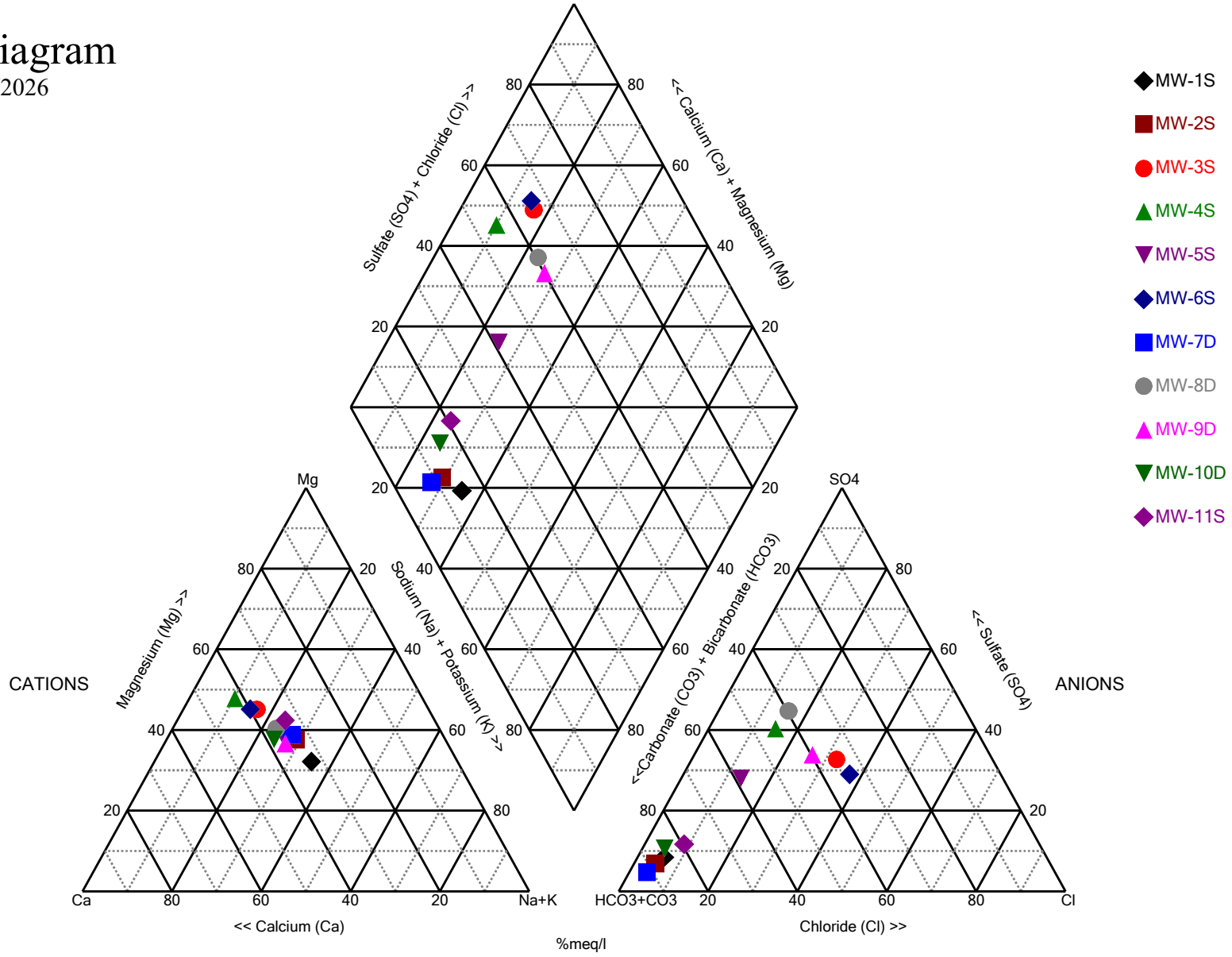
Piper Diagram

6/3/2026, 6/2/2026



Analysis Run 8/17/2026 12:51 PM

Yakima Limited Purpose Landfill Client: DTG Data: 2Q26 DTG Piper_final

Appendix F

Statistics

F-1

Trend Analysis

5-year Trends

Five Year Trends, Third Quarter 2021 through Second Quarter 2026, Rocky Top Environmental

Constituent Name	Well	Slope	Calculated Statistic	Critical Value	Trend	N	% Non-detects	Normality	Transformation	Alpha	Method
Alkalinity, Total (mg/L)	MW-3S	18.32	144	73	Yes	20	0	n/a	n/a	0.02	NP
Calcium, Dissolved (mg/L)	MW-3S	10.23	150	73	Yes	20	0	n/a	n/a	0.02	NP
Calcium, Dissolved (mg/L)	MW-4S	13.12	73	53	Yes	16	0	n/a	n/a	0.02	NP
Chloride (mg/L)	MW-3S	11.54	130	73	Yes	20	0	n/a	n/a	0.02	NP
Magnesium, Dissolved (mg/L)	MW-3S	4.978	139	73	Yes	20	0	n/a	n/a	0.02	NP
Nitrate (mg/L)	MW-3S	1.999	152	73	Yes	20	0	n/a	n/a	0.02	NP
Nitrate (mg/L)	MW-4S	15.86	85	53	Yes	16	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-3S	18.86	147	73	Yes	20	0	n/a	n/a	0.02	NP
TDS (mg/L)	MW-3S	67.54	137	73	Yes	20	0	n/a	n/a	0.02	NP
TDS (mg/L)	MW-4S	74.78	73	53	Yes	16	0	n/a	n/a	0.02	NP

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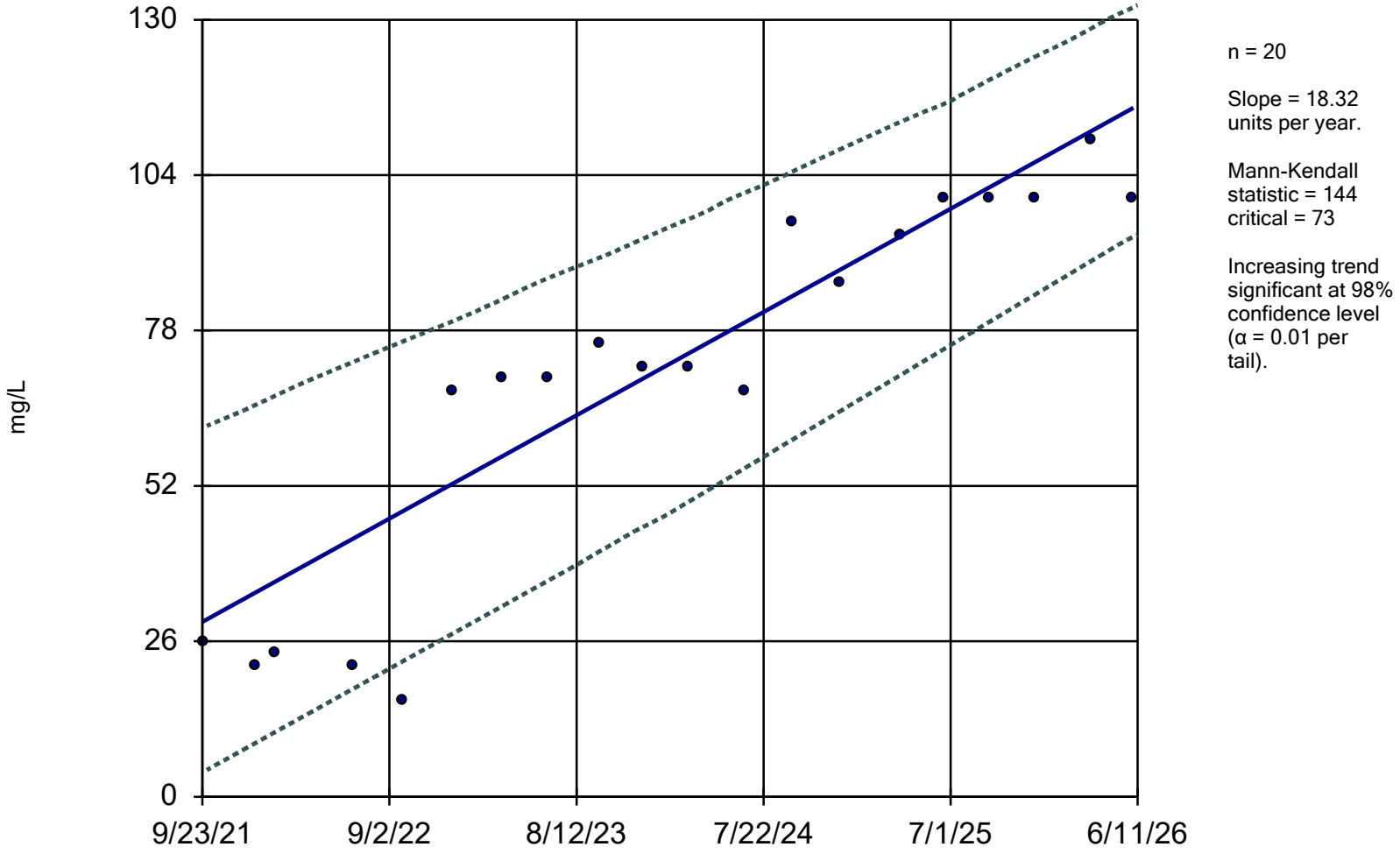
Sen's Slope and 95% Confidence Band

MW-3S



n = 20

Slope = 18.32 units per year.

Mann-Kendall statistic = 144
critical = 73

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

Constituent: Alkalinity, Total Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

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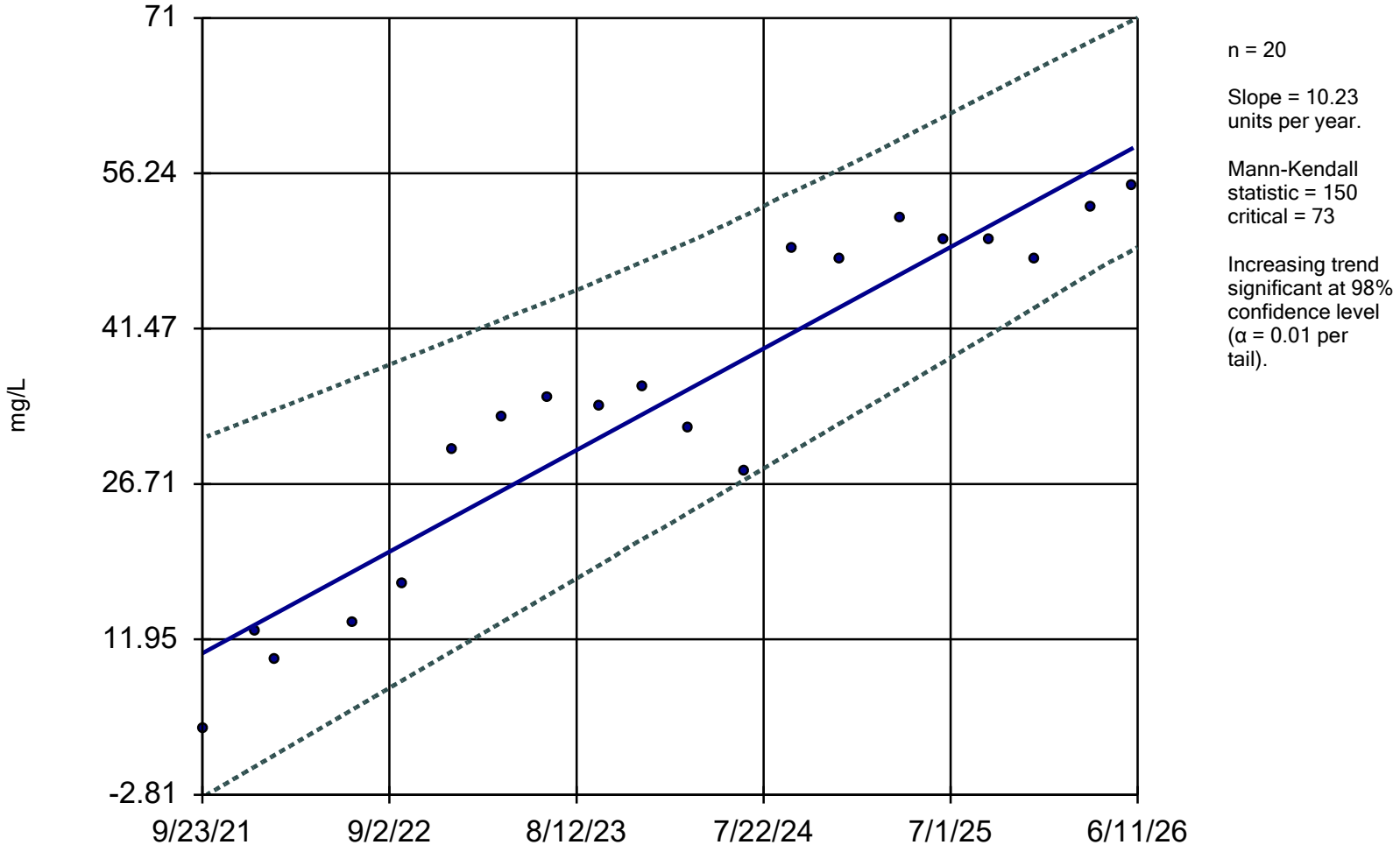
Sen's Slope and 95% Confidence Band

MW-3S



n = 20

Slope = 10.23 units per year.

Mann-Kendall statistic = 150
critical = 73

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

Constituent: Calcium, Dissolved Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

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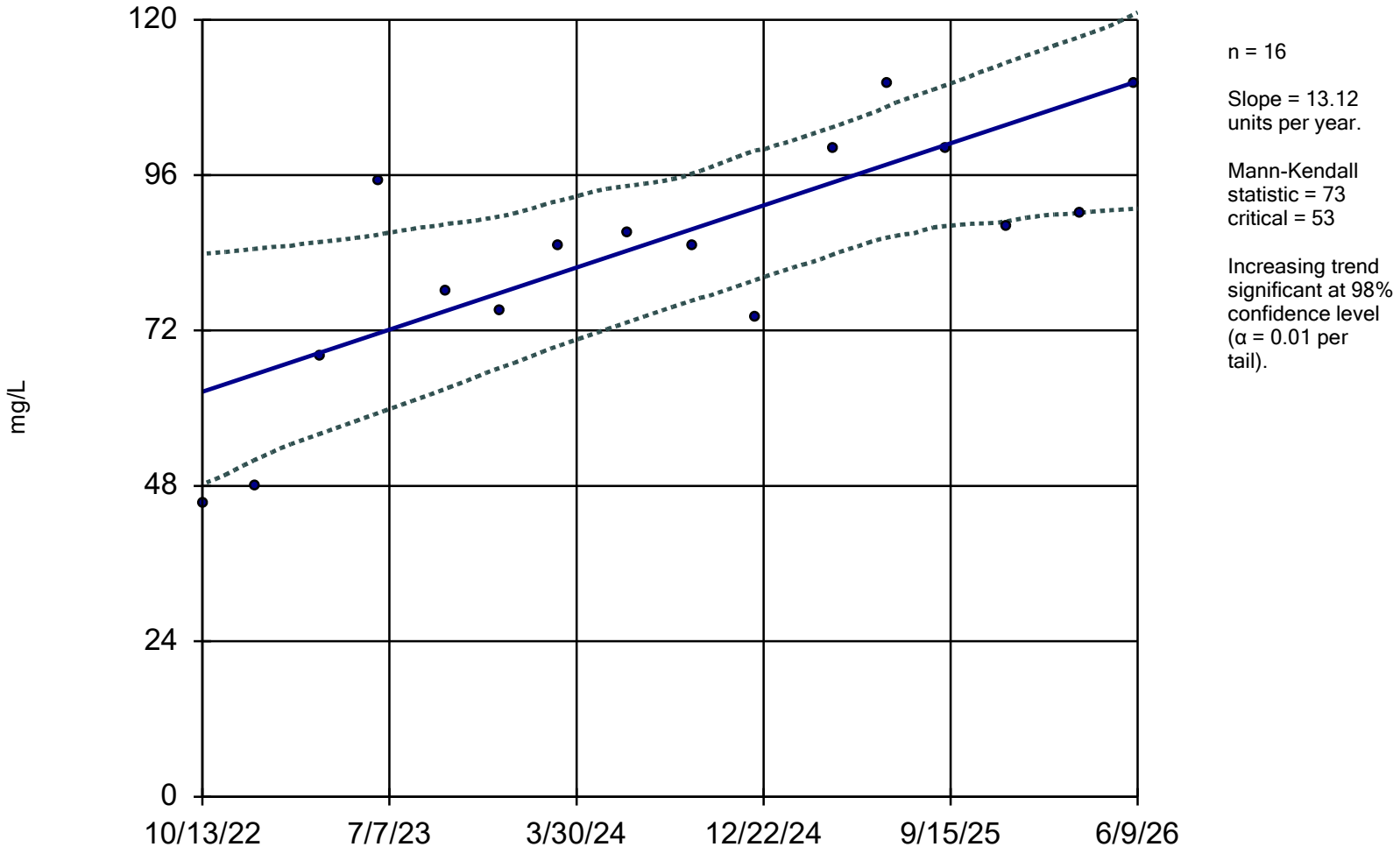
Sen's Slope and 95% Confidence Band

MW-4S



n = 16

Slope = 13.12 units per year.

Mann-Kendall statistic = 73
critical = 53

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

Constituent: Calcium, Dissolved Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

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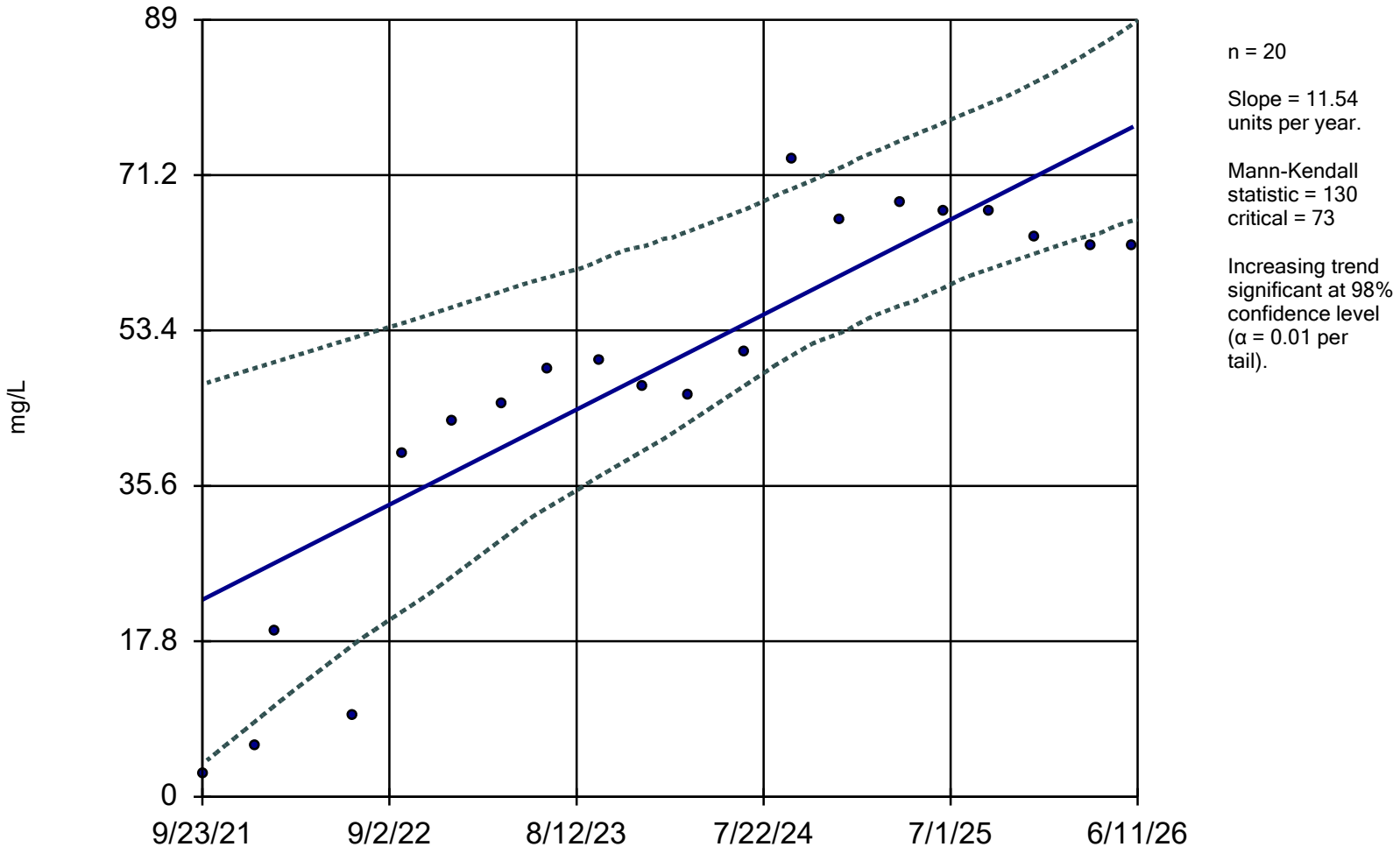
Sen's Slope and 95% Confidence Band

MW-3S



n = 20

Slope = 11.54 units per year.

Mann-Kendall statistic = 130
critical = 73

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

Constituent: Chloride Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

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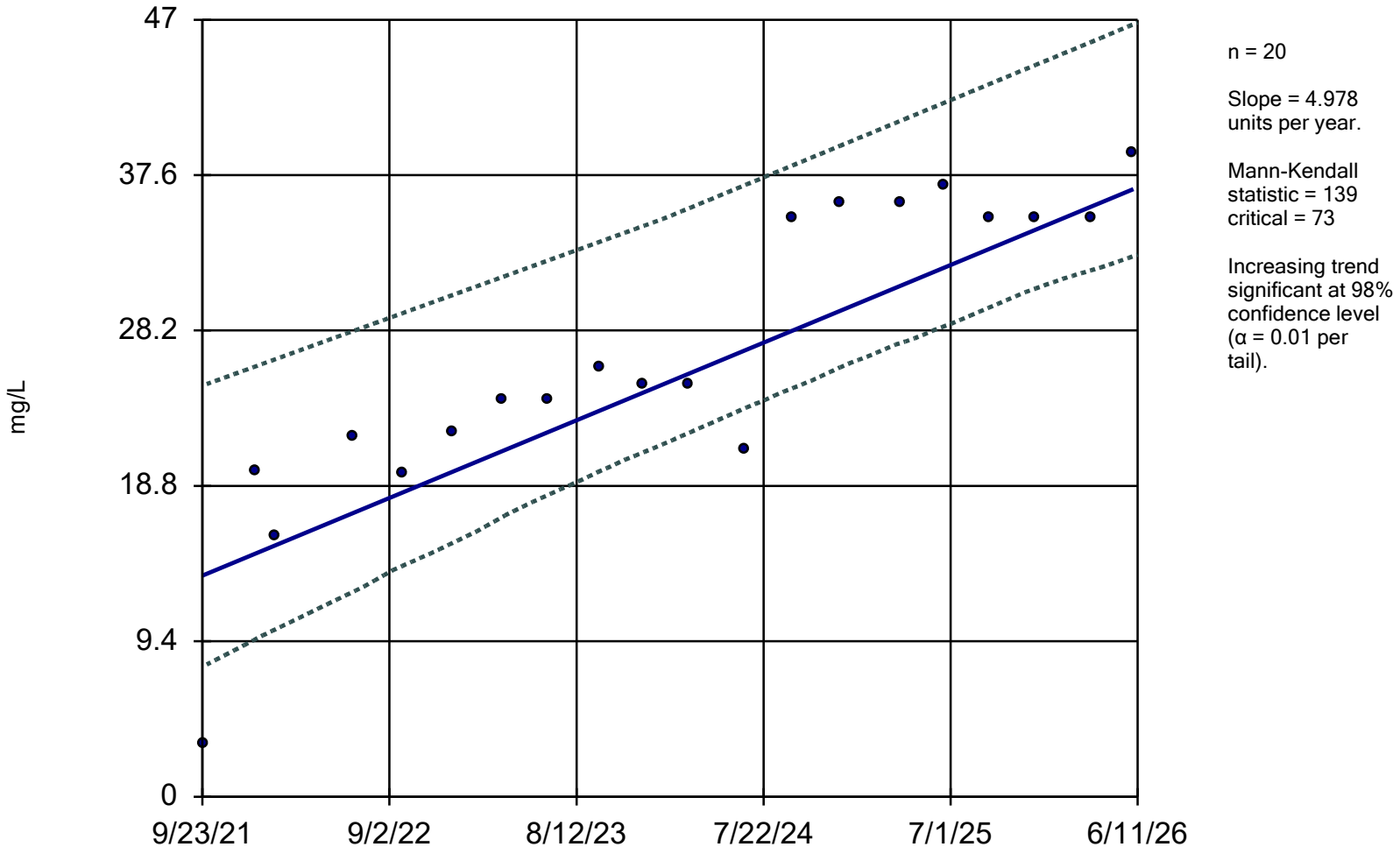
Sen's Slope and 95% Confidence Band

MW-3S



n = 20

Slope = 4.978 units per year.

Mann-Kendall statistic = 139
critical = 73

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

Constituent: Magnesium, Dissolved Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

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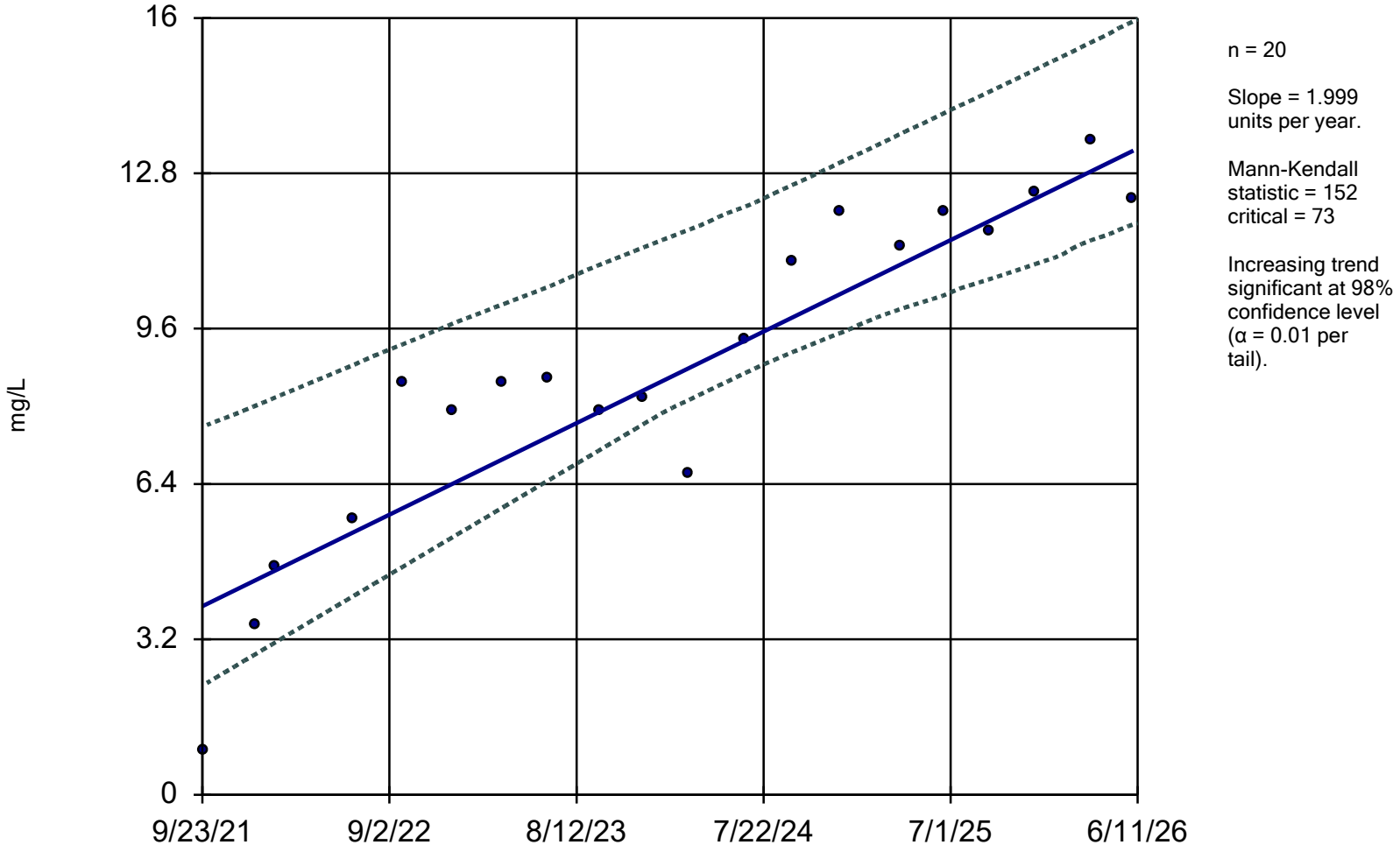
Sen's Slope and 95% Confidence Band

MW-3S



n = 20

Slope = 1.999 units per year.

Mann-Kendall statistic = 152
critical = 73

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

Constituent: Nitrate Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

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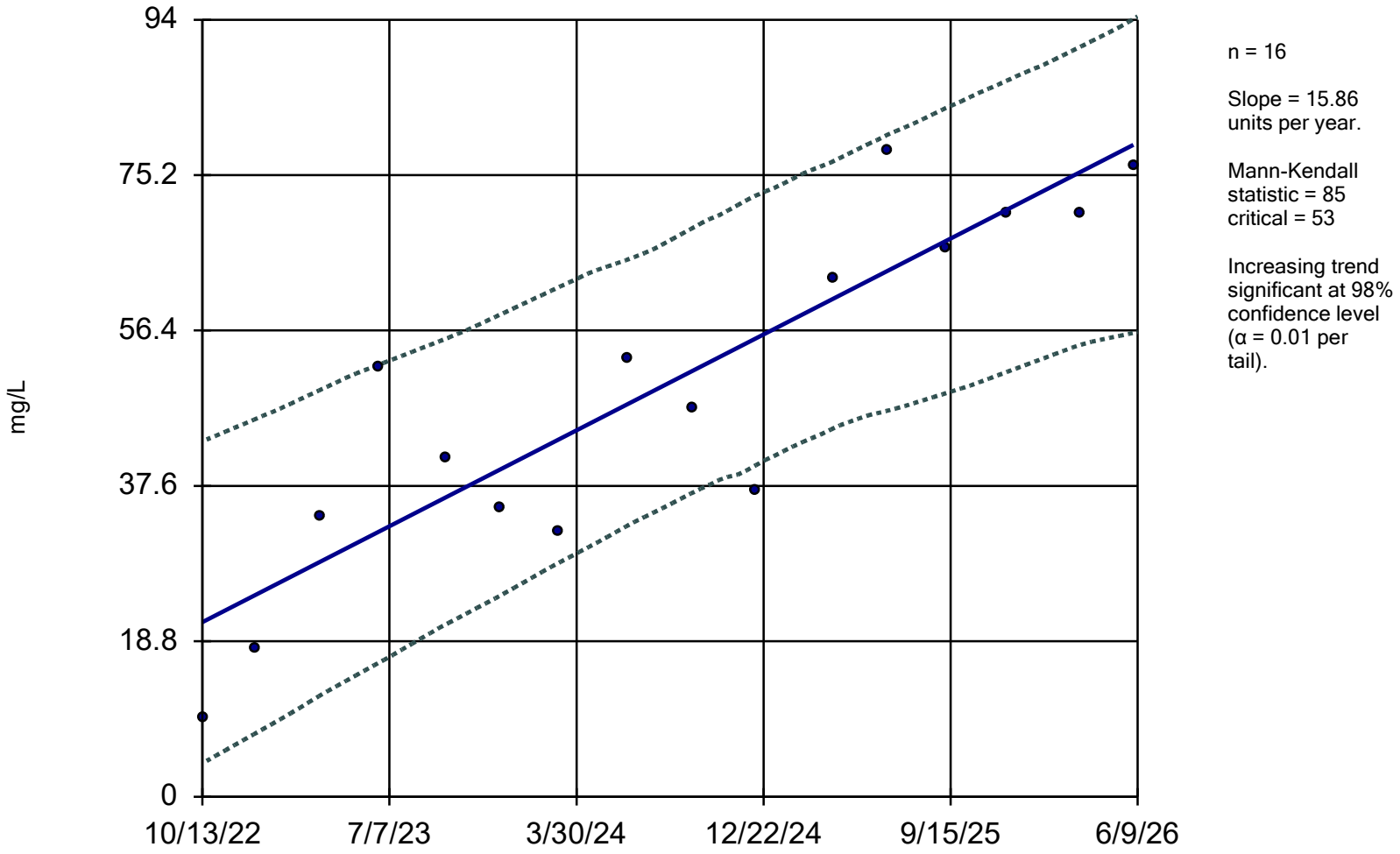
Sen's Slope and 95% Confidence Band

MW-4S



n = 16

Slope = 15.86 units per year.

Mann-Kendall statistic = 85
critical = 53

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

Constituent: Nitrate Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

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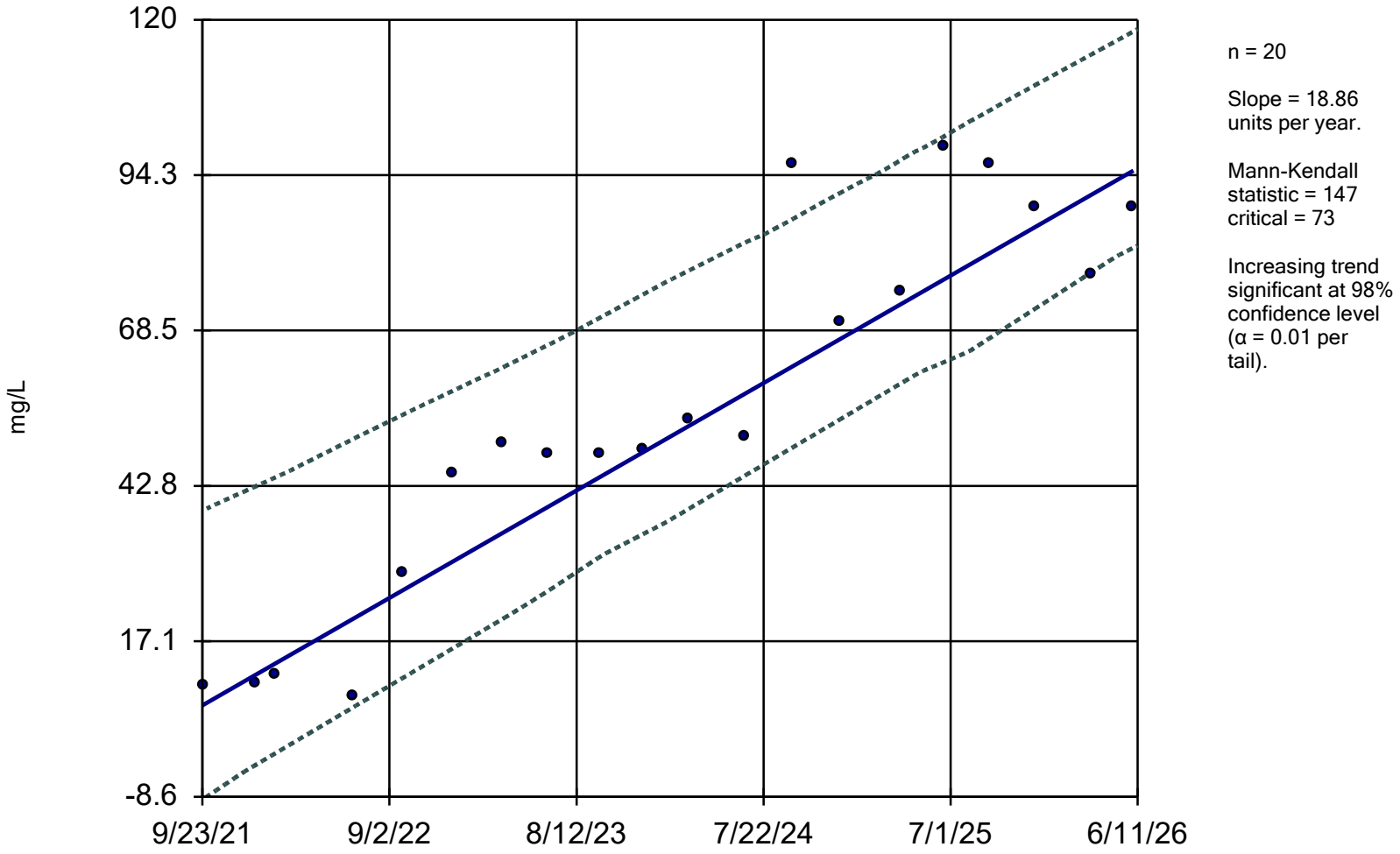
Sen's Slope and 95% Confidence Band

MW-3S



n = 20

Slope = 18.86 units per year.

Mann-Kendall statistic = 147
critical = 73

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

Constituent: Sulfate Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

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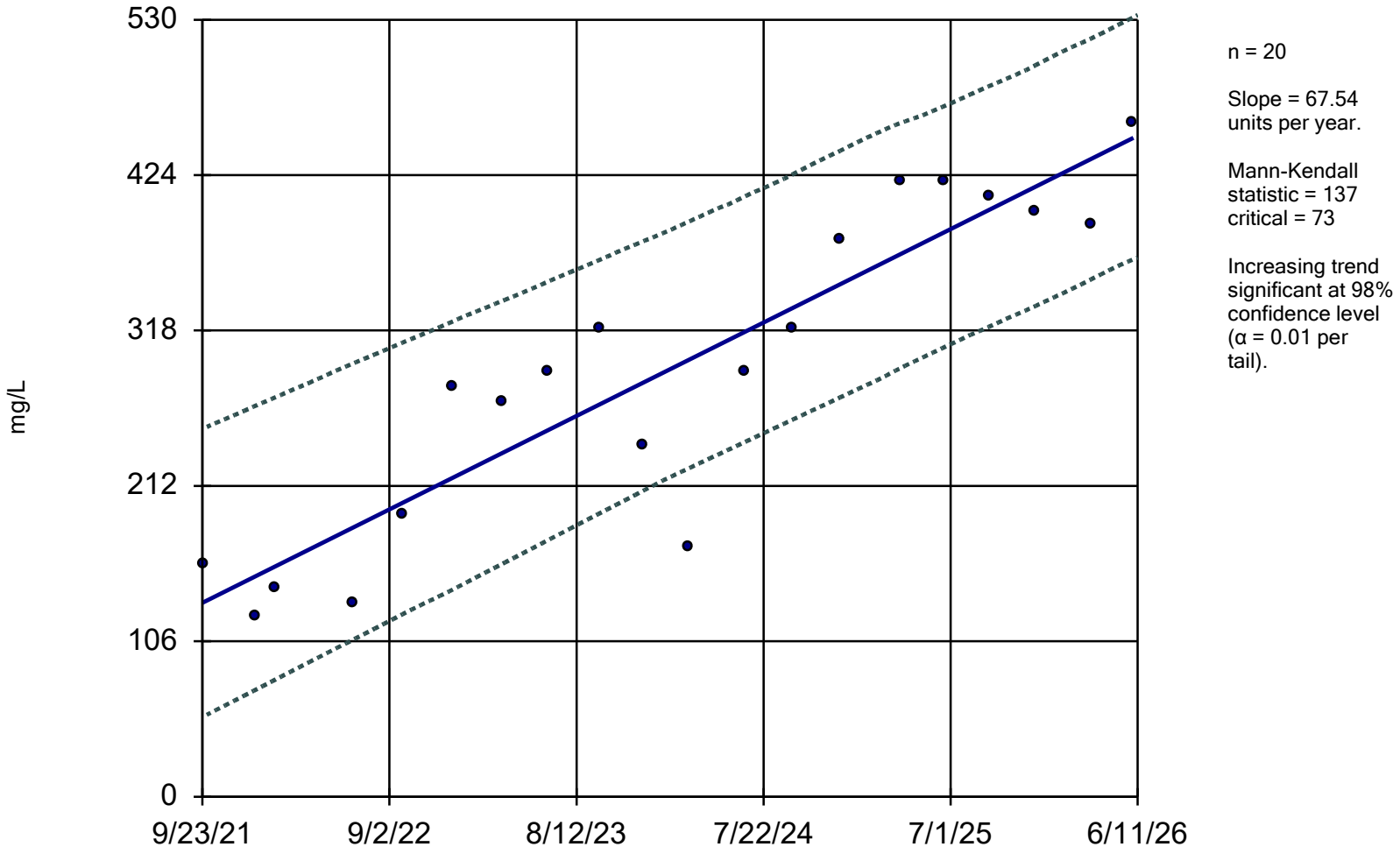
Sen's Slope and 95% Confidence Band

MW-3S



n = 20

Slope = 67.54 units per year.

Mann-Kendall statistic = 137
critical = 73

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

Constituent: TDS Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

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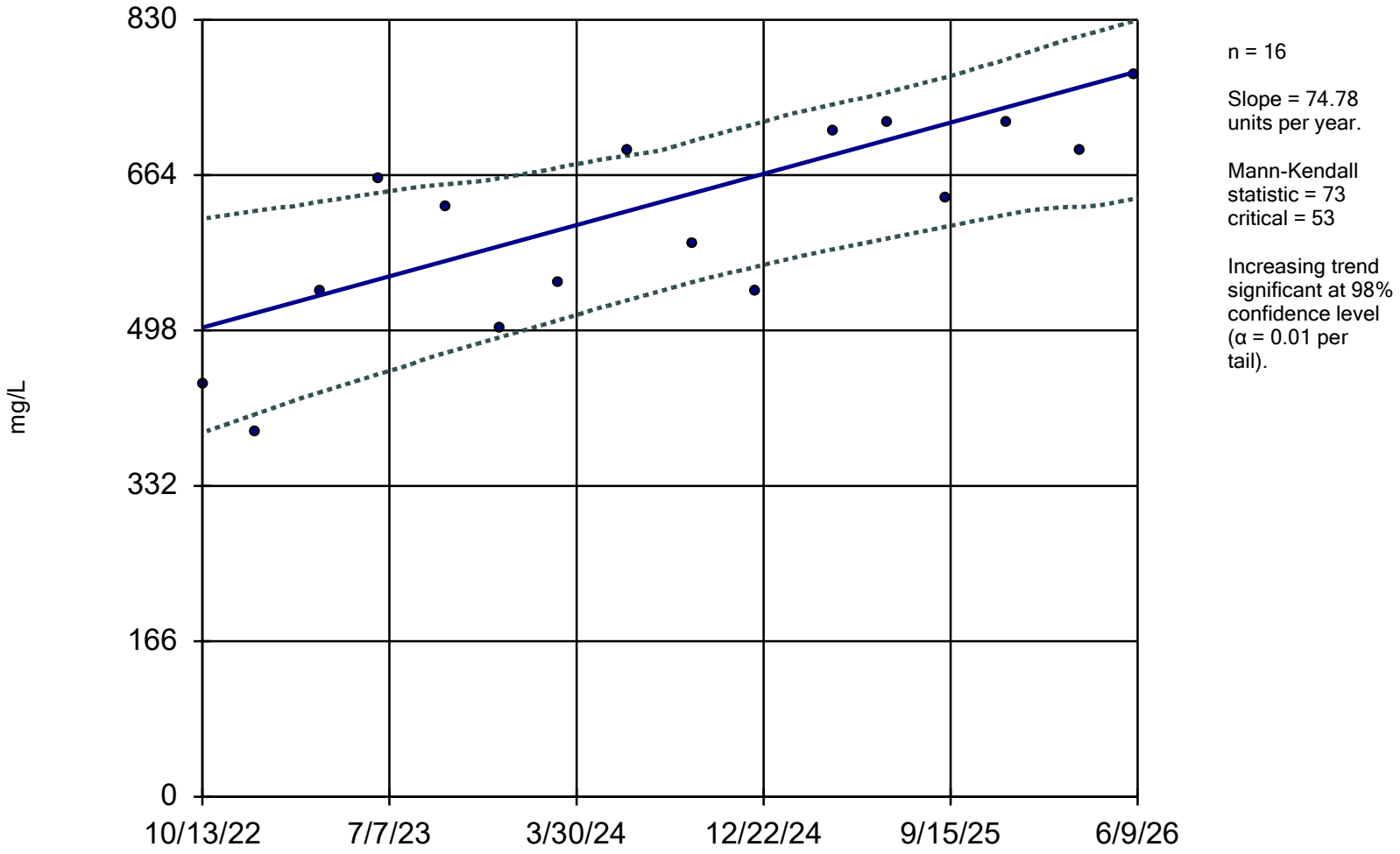
Sen's Slope and 95% Confidence Band

MW-4S



n = 16

Slope = 74.78 units per year.

Mann-Kendall statistic = 73
critical = 53

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

Constituent: TDS Analysis Run 8/20/2026 4:03 PM View: 2026-2027 Trend Tests

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

2-year Trends

Two Year Trends, Third Quarter 2024 through Second Quarter 2026, Rocky Top Environmental

Constituent Name	Well	Slope	Calculated Statistic	Critical Value	Trend	N	% Non-detects	Normality	Transformation	Alpha	Method
Alkalinity, Total (mg/L)	MW-3S	7.05	16	20	No	8	0	n/a	n/a	0.02	NP
Alkalinity, Total (mg/L)	MW-6S	4.011	18	20	No	8	0	n/a	n/a	0.02	NP
Calcium, Dissolved (mg/L)	MW-3S	2.659	12	20	No	8	0	n/a	n/a	0.02	NP
Calcium, Dissolved (mg/L)	MW-4S	10.6	10	20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	MW-3S	-4.902	-20	-20	No	8	0	n/a	n/a	0.02	NP
Magnesium, Dissolved (mg/L)	MW-3S	0	3	20	No	8	0	n/a	n/a	0.02	NP
Nitrate (mg/L)	MW-3S	0.86	17	20	No	8	0	n/a	n/a	0.02	NP
Nitrate (mg/L)	MW-4S	16.24	17	20	No	8	0	n/a	n/a	0.02	NP
Nitrate (mg/L)	MW-6S	5.59	26	20	Yes	8	0	n/a	n/a	0.02	NP
Perfluorooctanoic acid (PFOA)	MW-3S	-2.978	-3	-20	No	8	0	n/a	n/a	0.02	NP
Perfluorooctanoic acid (PFOA)	MW-4S	0.358	2	20	No	8	25	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-3S	0	0	20	No	8	0	n/a	n/a	0.02	NP
TDS (mg/L)	MW-3S	40.91	9	20	No	8	0	n/a	n/a	0.02	NP
TDS (mg/L)	MW-4S	98.42	15	20	No	8	0	n/a	n/a	0.02	NP

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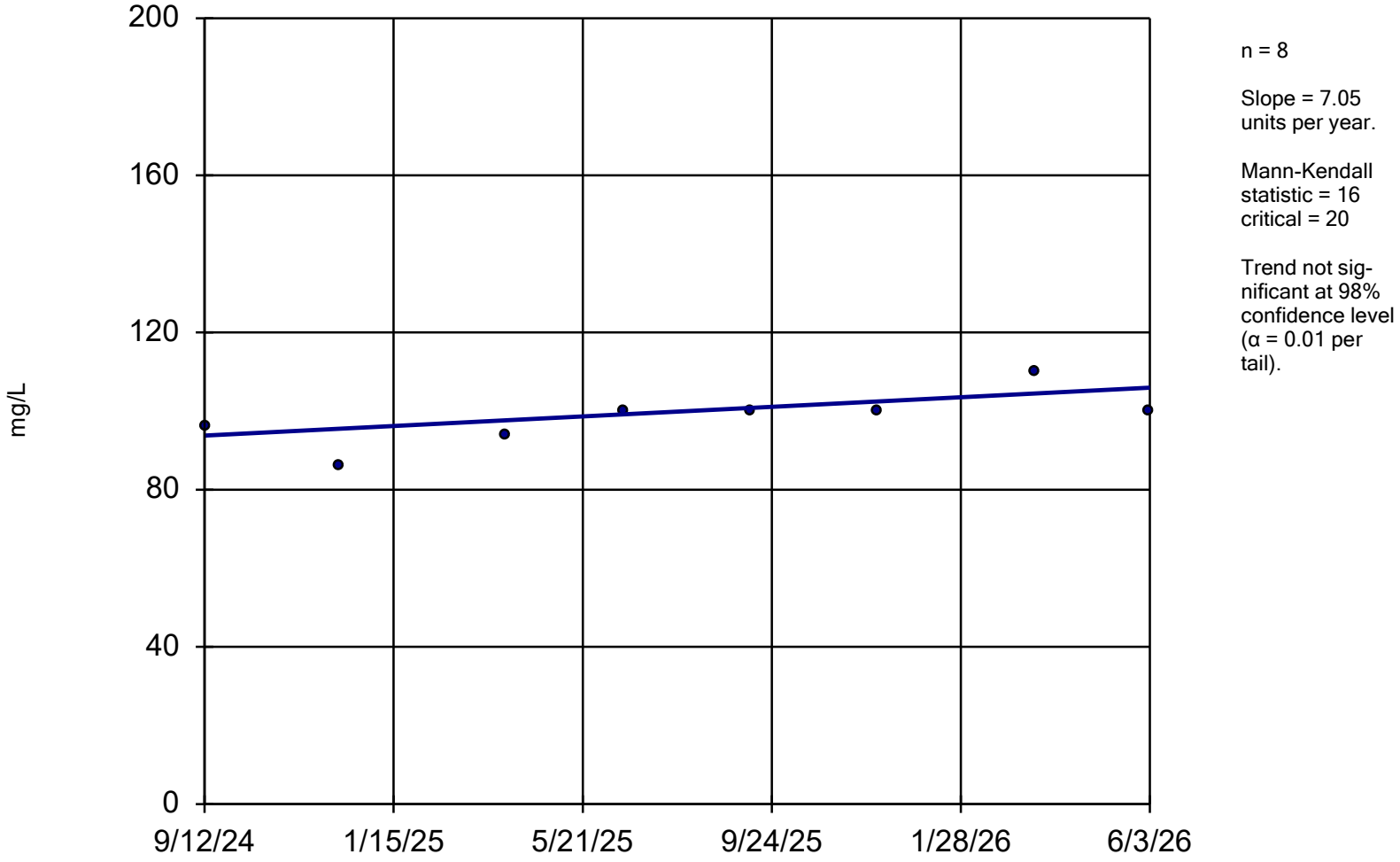
Sen's Slope Estimator

MW-3S



n = 8

Slope = 7.05 units per year.

Mann-Kendall statistic = 16
critical = 20

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

Constituent: Alkalinity, Total Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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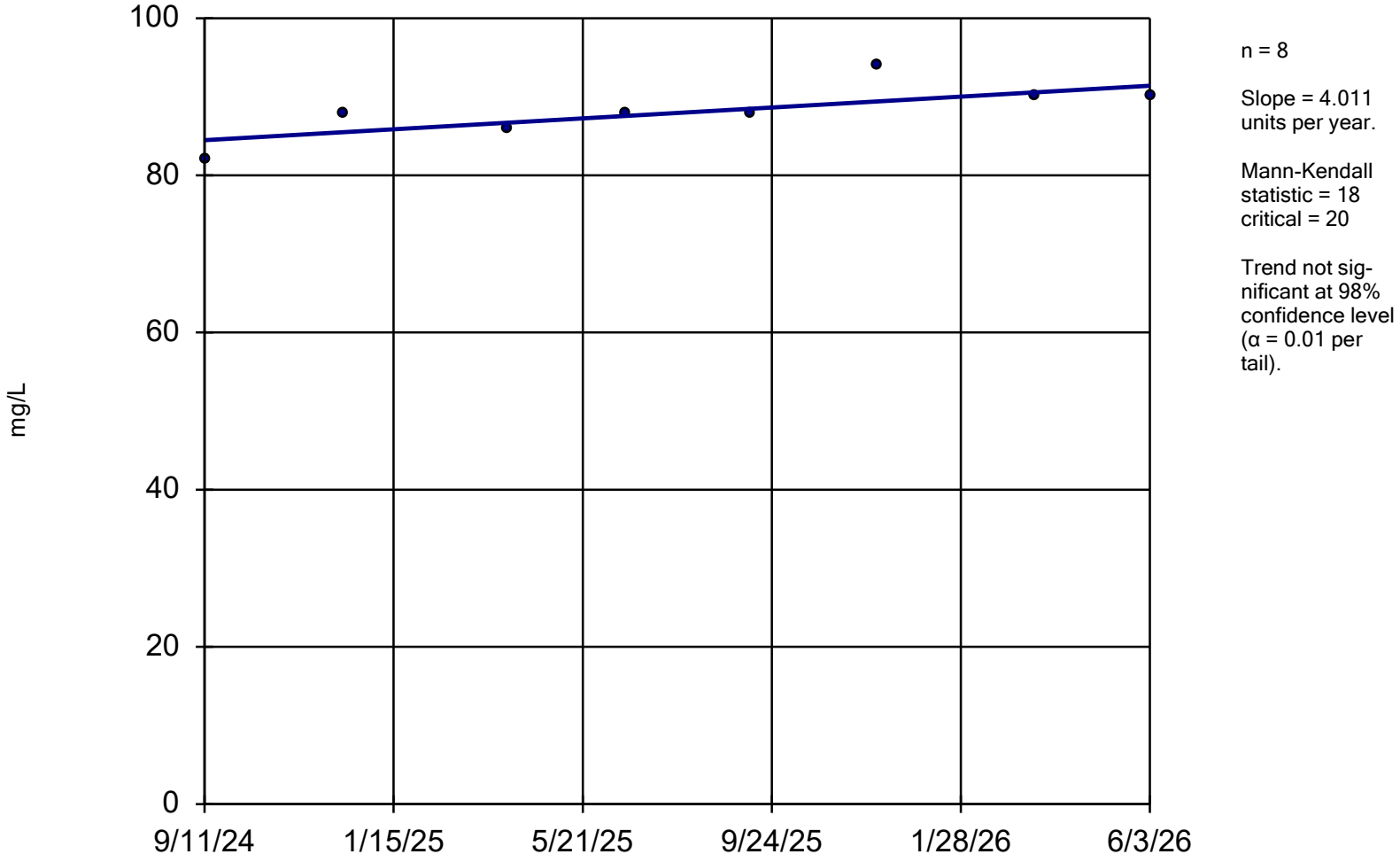
Sen's Slope Estimator

MW-6S



Constituent: Alkalinity, Total Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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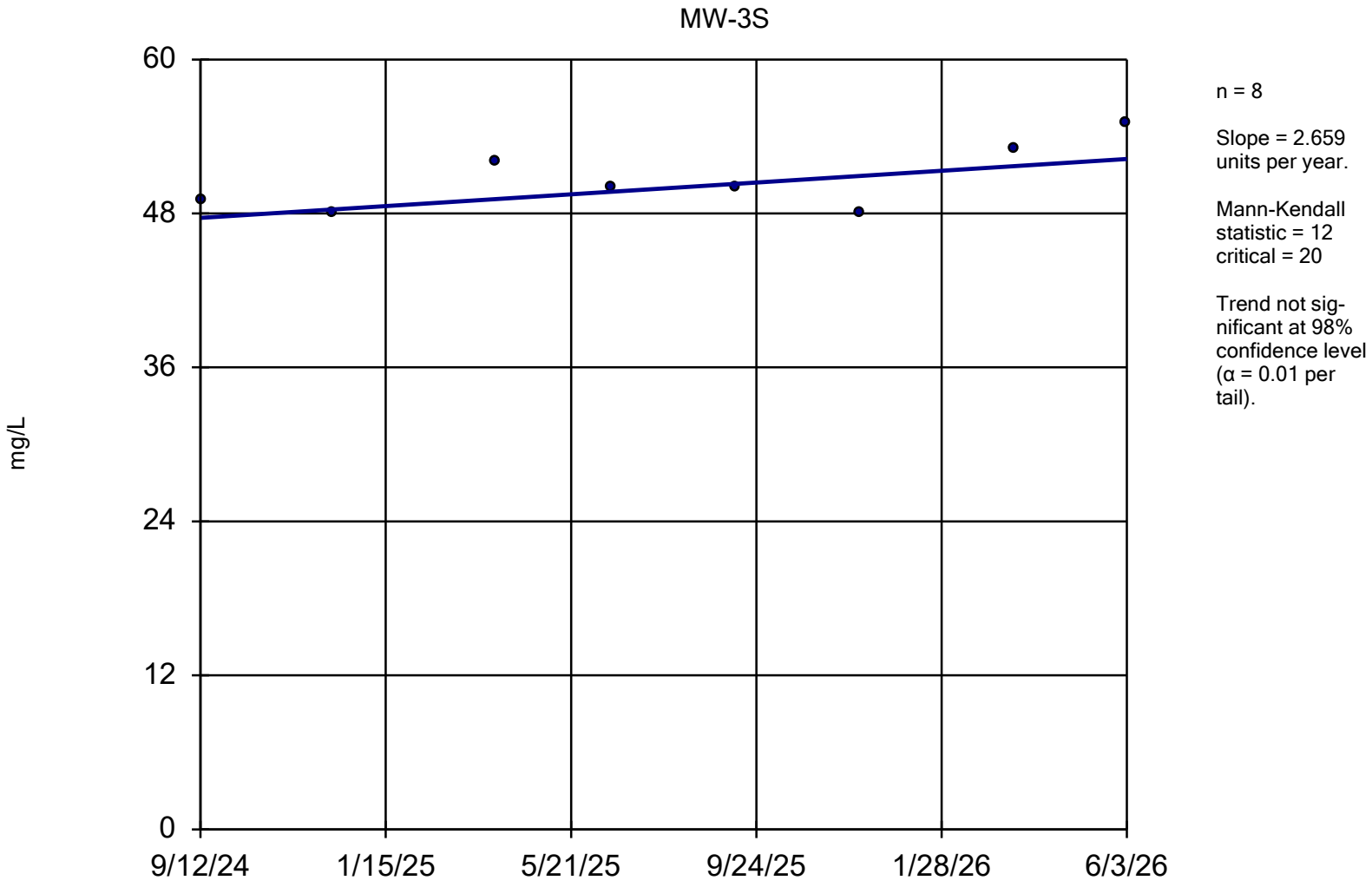
Sen's Slope Estimator



Constituent: Calcium, Dissolved Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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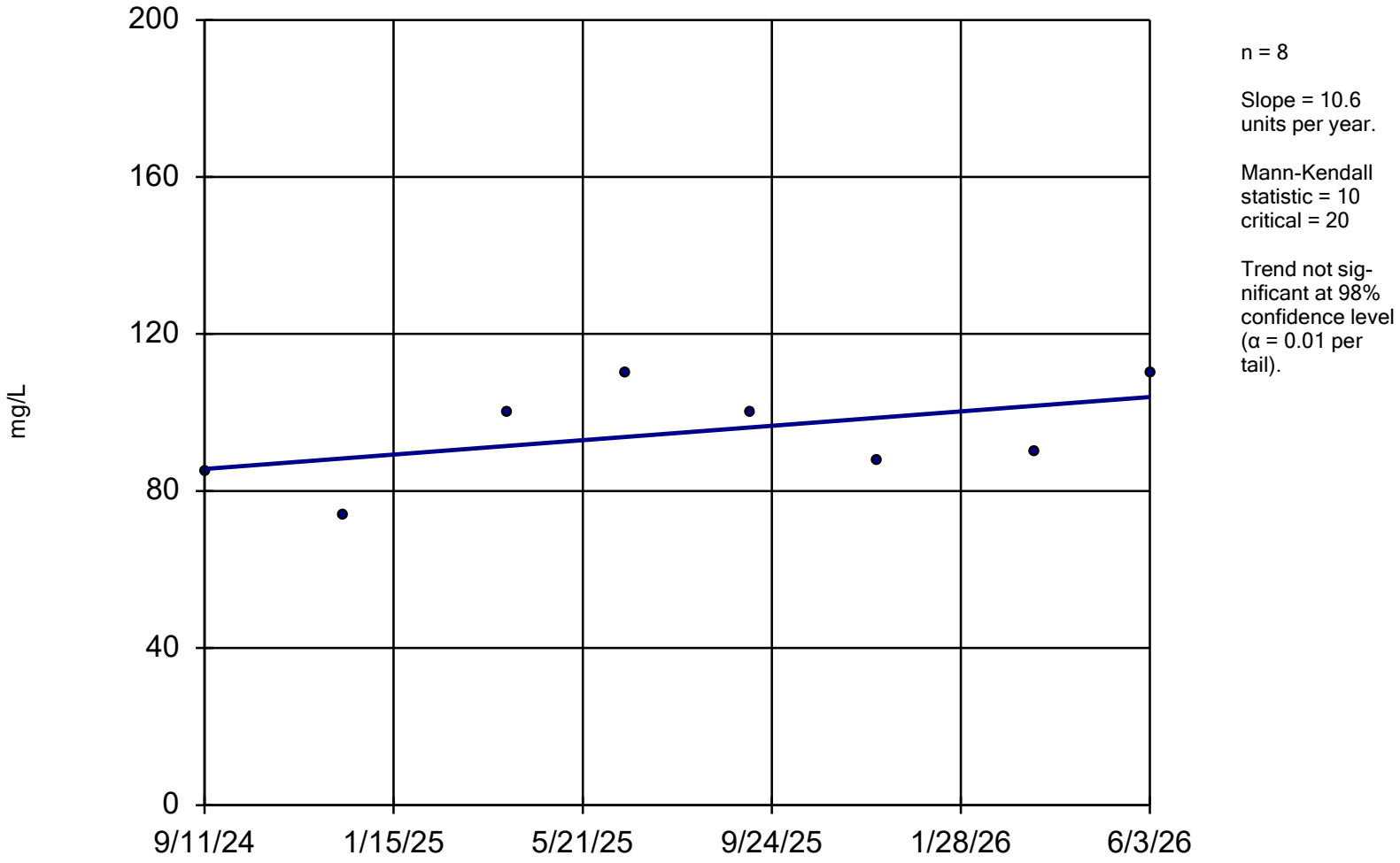
Sen's Slope Estimator

MW-4S



n = 8

Slope = 10.6 units per year.

Mann-Kendall statistic = 10 critical = 20

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

Constituent: Calcium, Dissolved Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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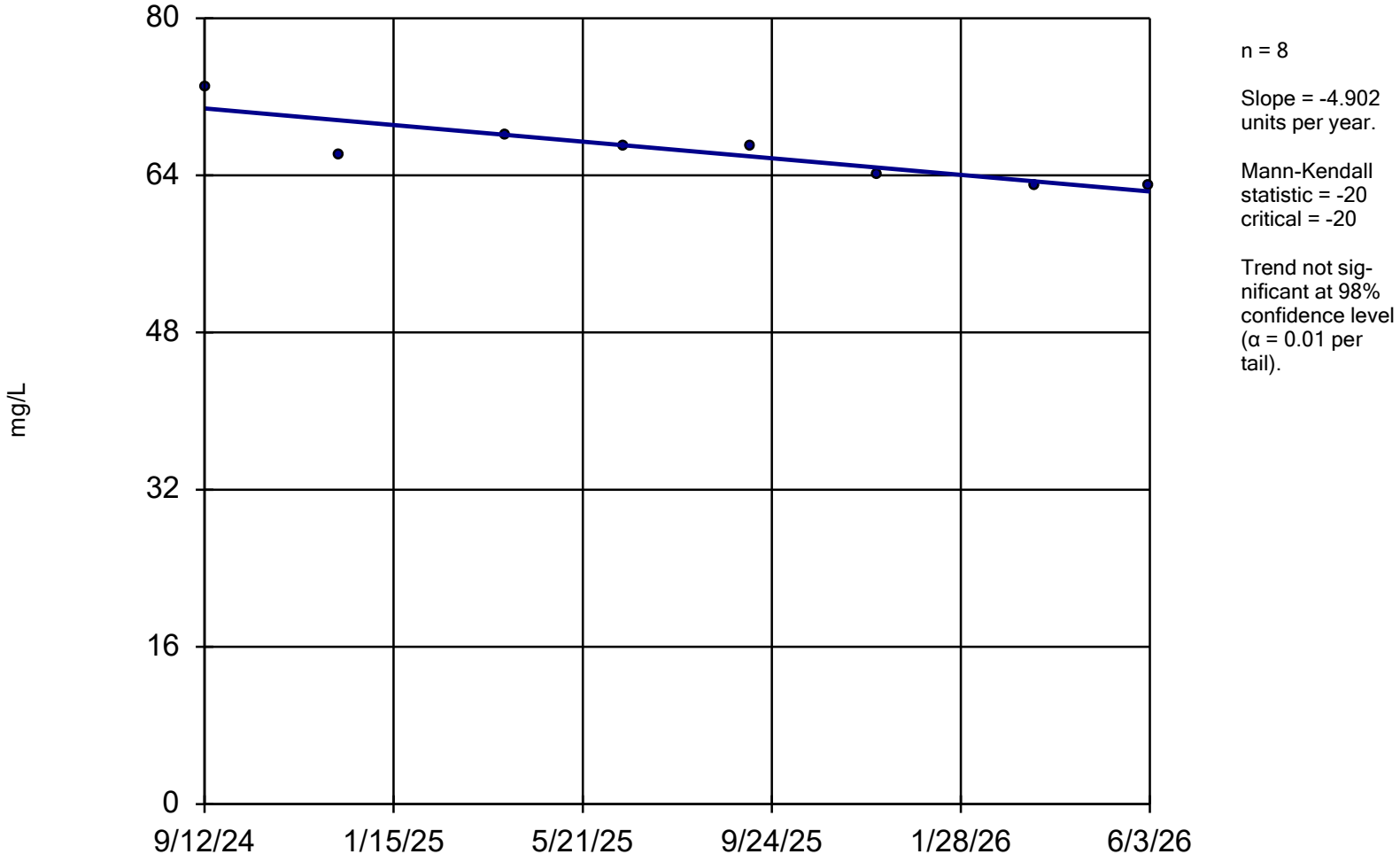
Sen's Slope Estimator

MW-3S



Constituent: Chloride Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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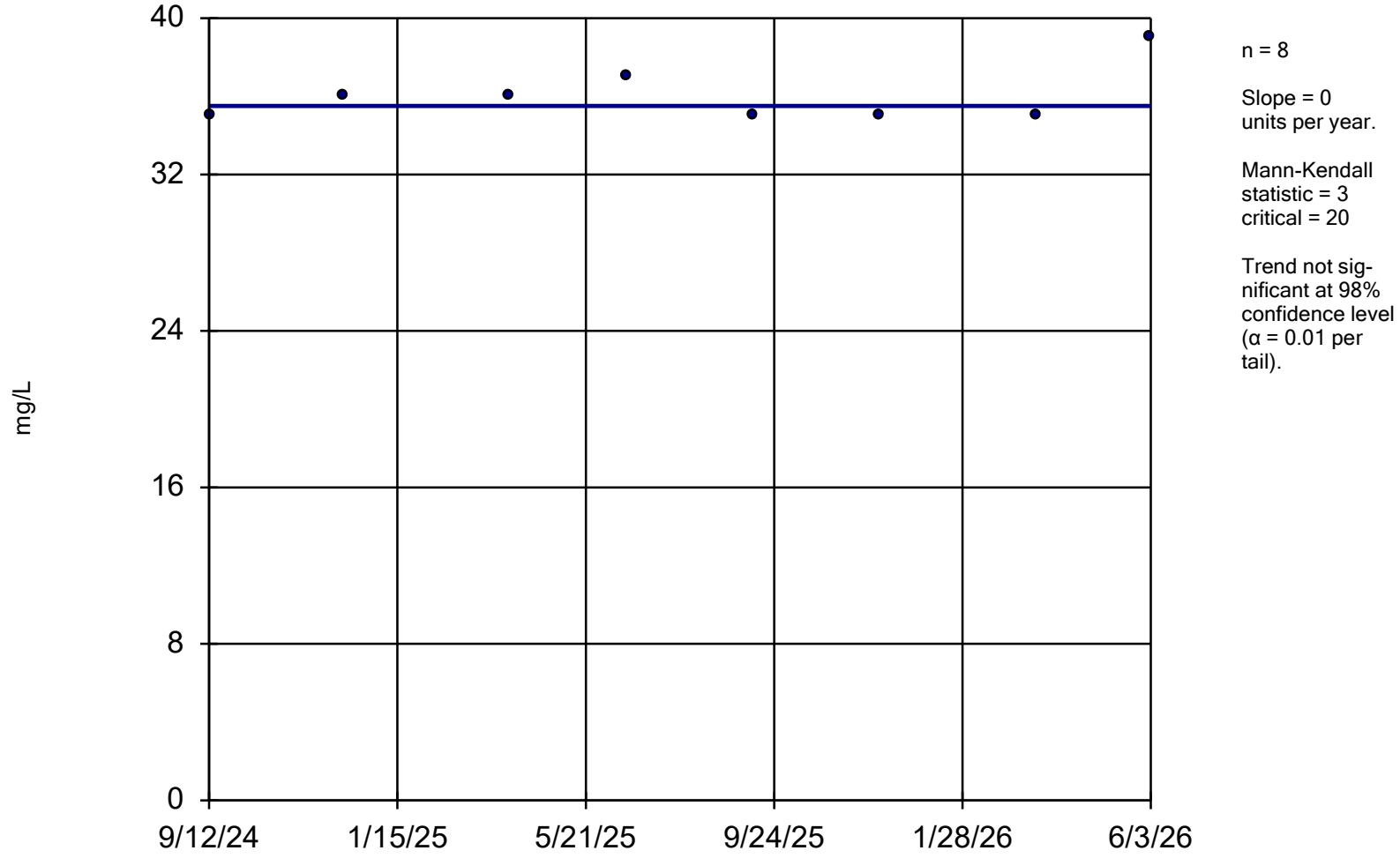
Sen's Slope Estimator

MW-3S



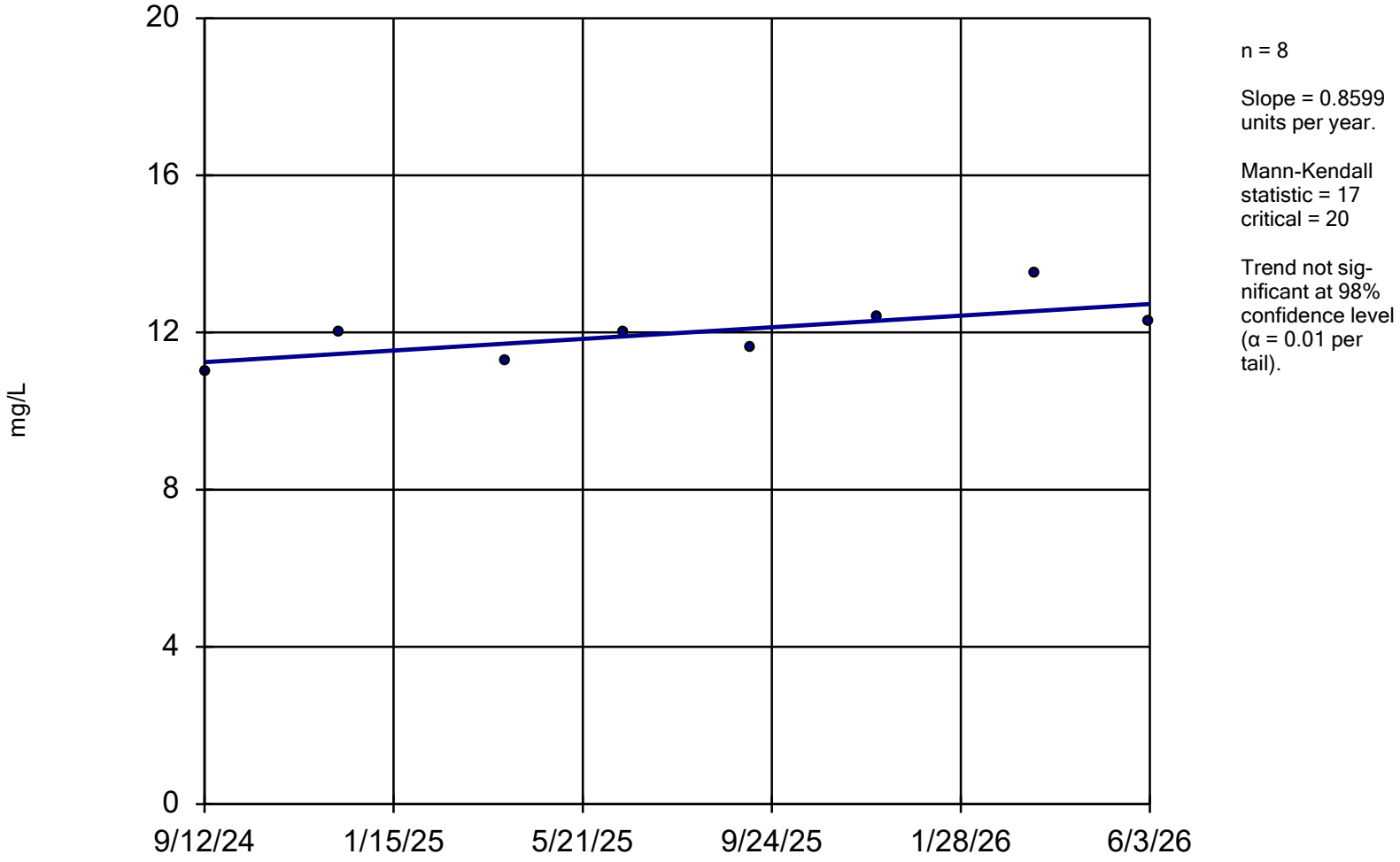
Constituent: Magnesium, Dissolved Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

Sanitas™ v.10.1.08 Software licensed to Parametrix. UG

Sen's Slope Estimator

MW-3S



n = 8

Slope = 0.8599 units per year.

Mann-Kendall statistic = 17
critical = 20

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

Constituent: Nitrate Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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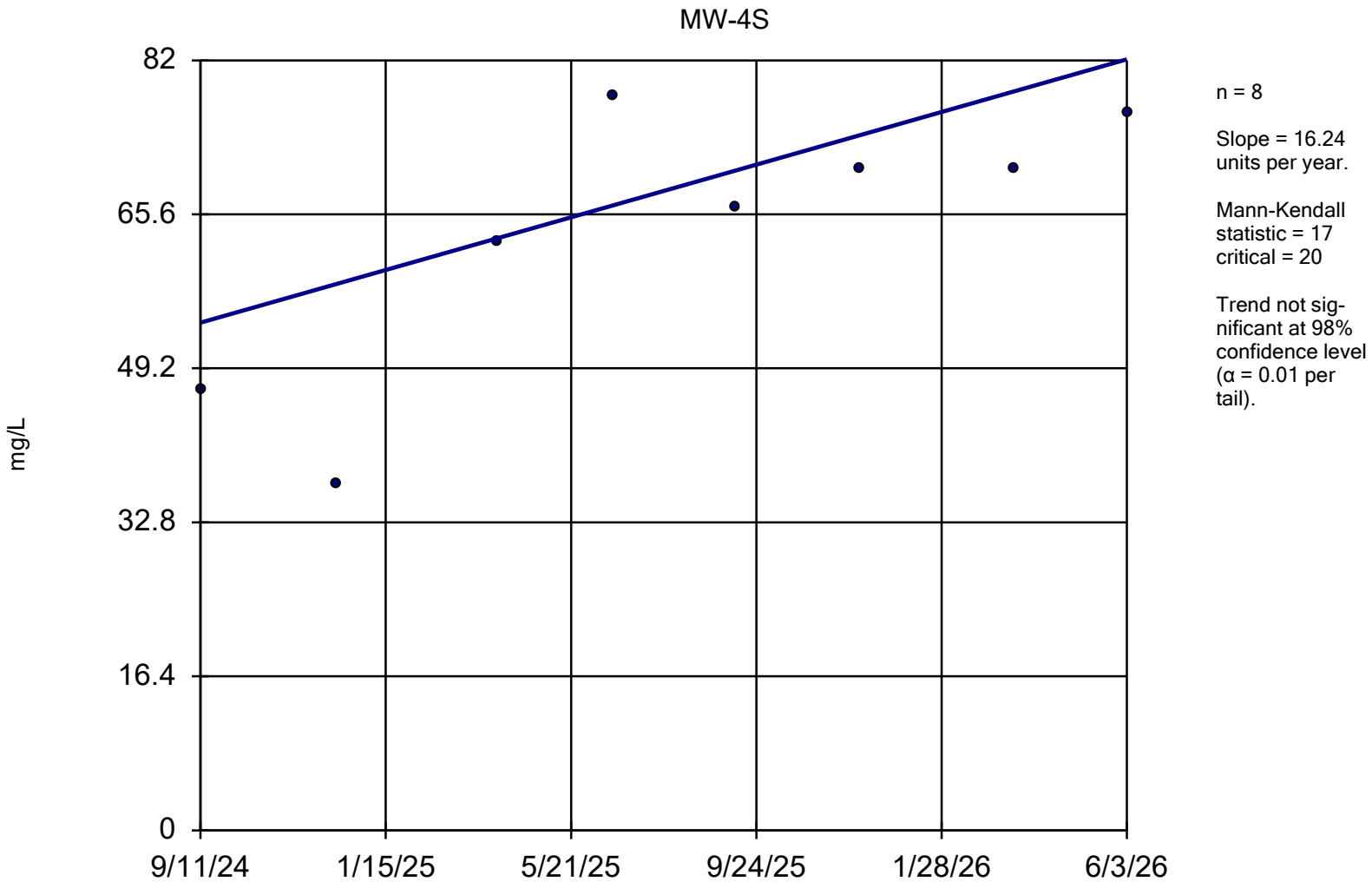
Sen's Slope Estimator



Constituent: Nitrate Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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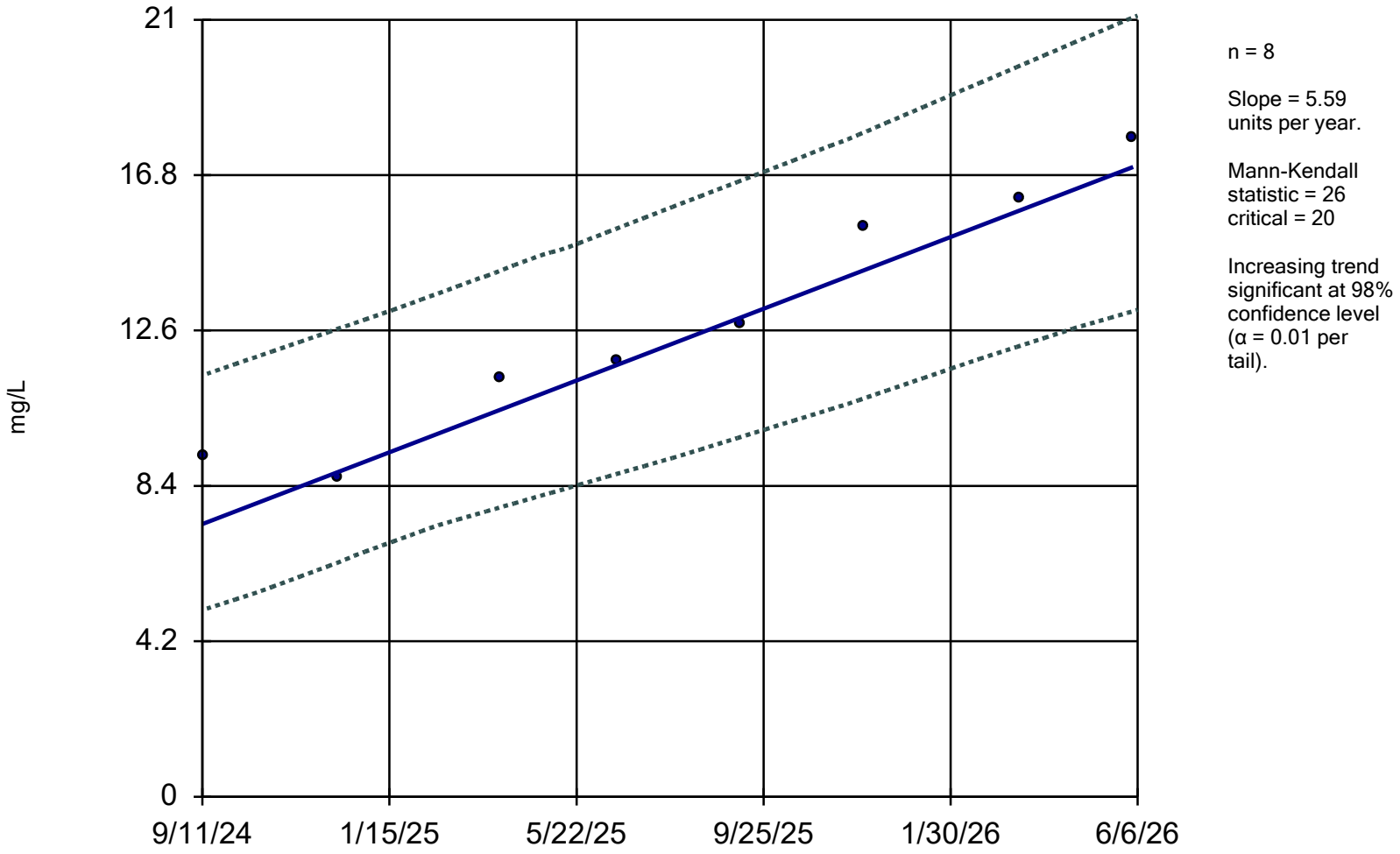
Sen's Slope and 95% Confidence Band

MW-6S



n = 8

Slope = 5.59 units per year.

Mann-Kendall statistic = 26
critical = 20

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

Constituent: Nitrate Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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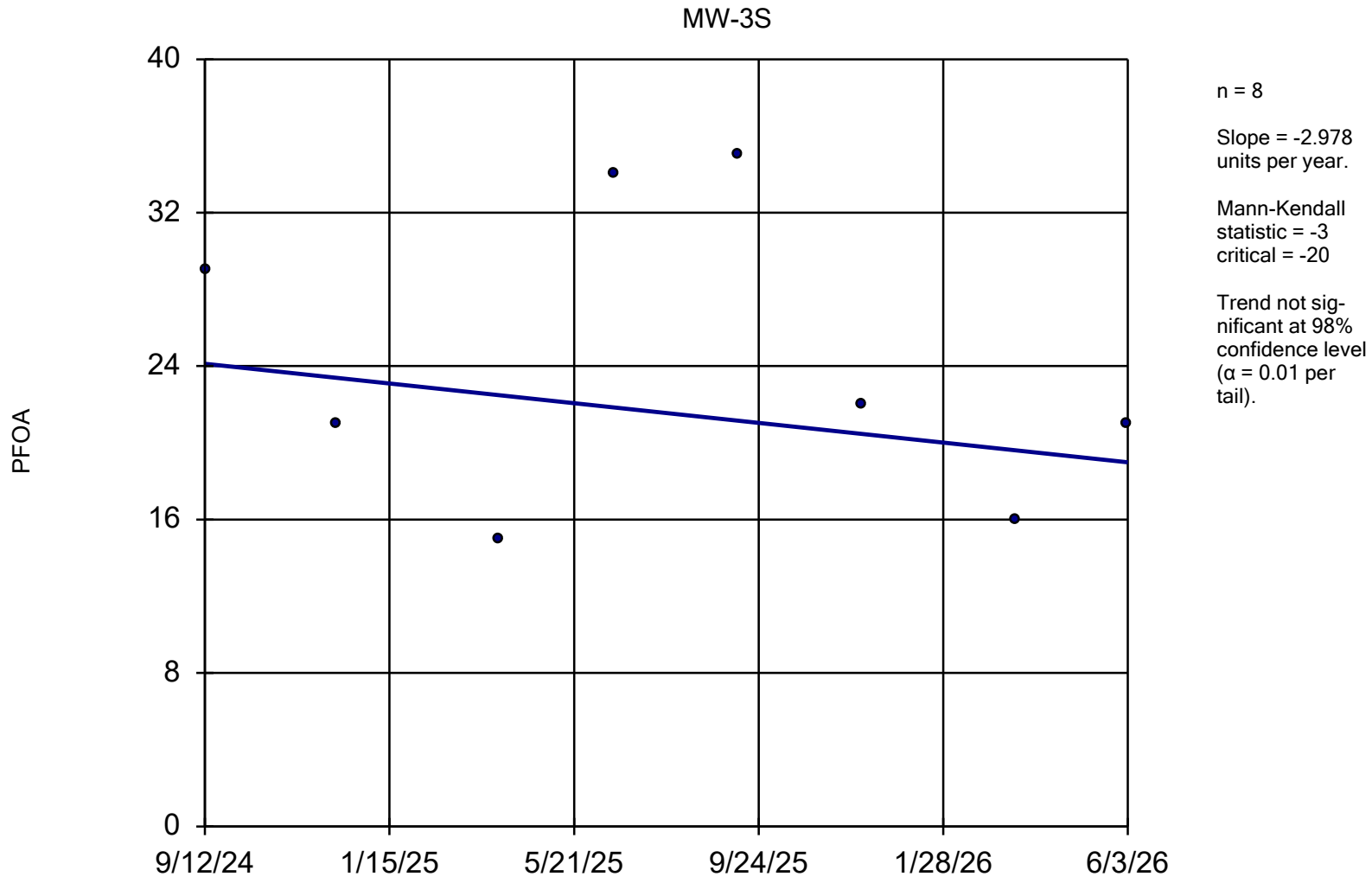
Sen's Slope Estimator



Constituent: Perfluorooctanoic acid Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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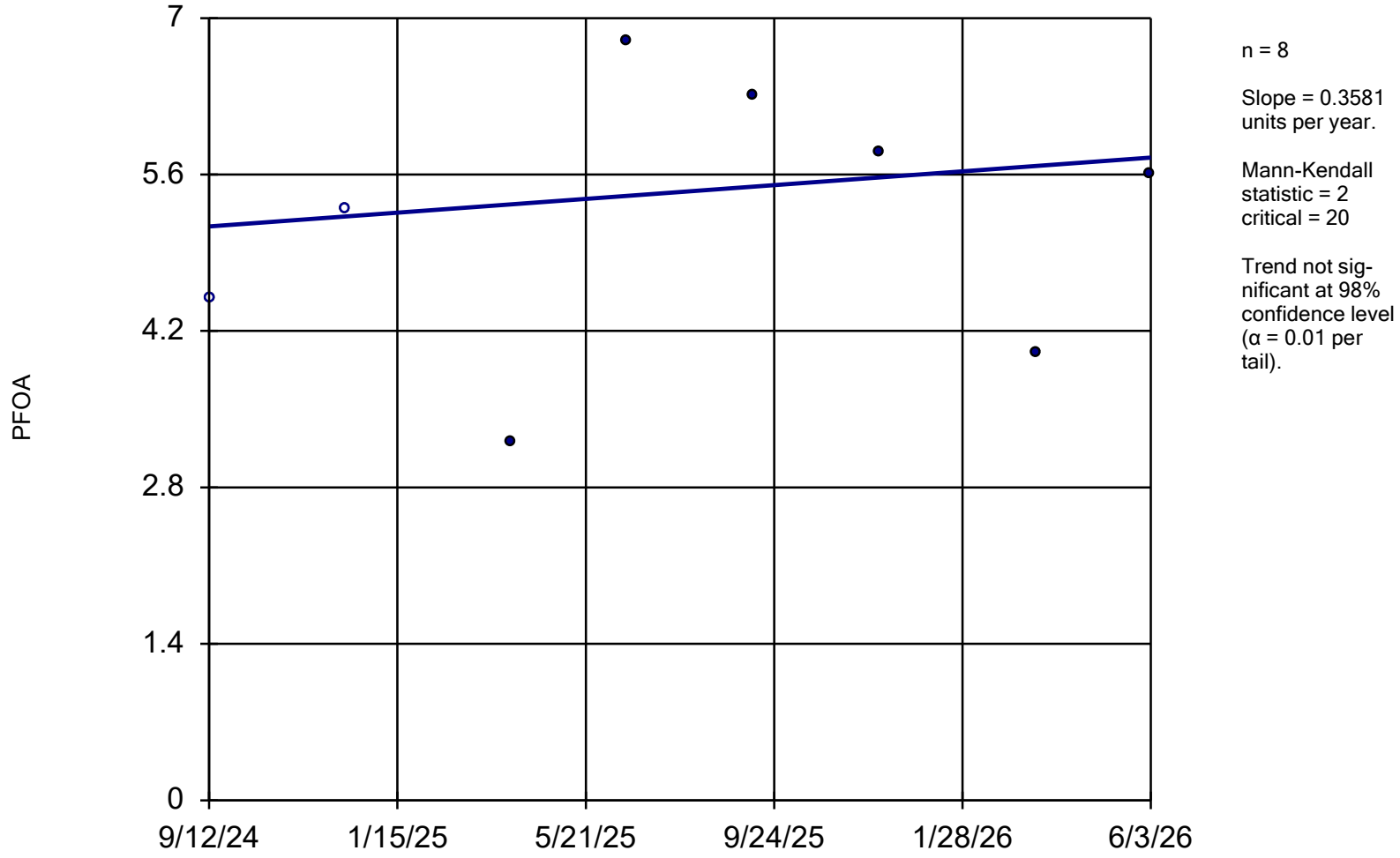
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-4S



n = 8

Slope = 0.3581 units per year.

Mann-Kendall statistic = 2
critical = 20

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

Constituent: Perfluorooctanoic acid Analysis Run 9/14/2026 3:00 PM View: 2026-2027 Short Term Trends

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

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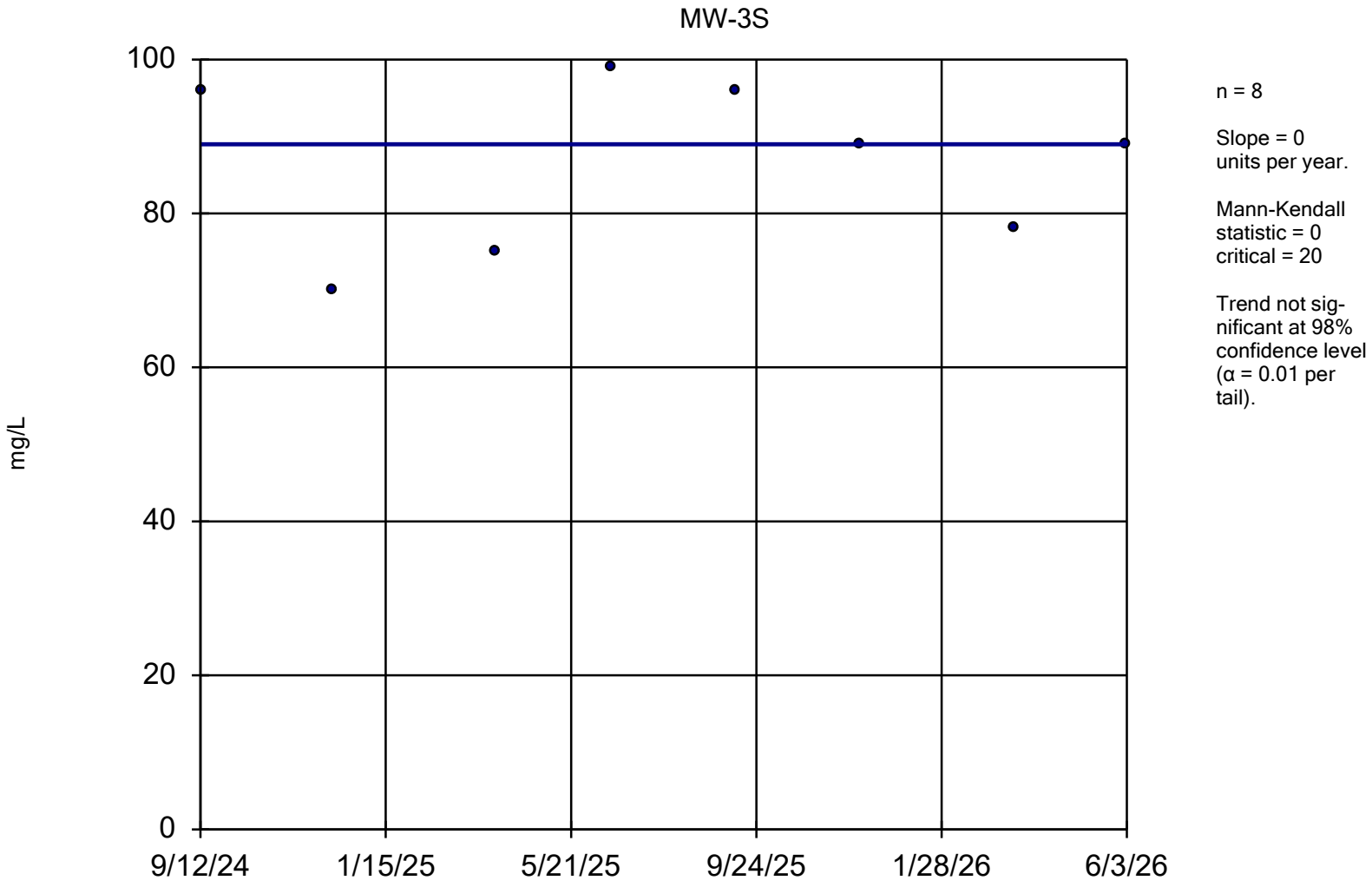
Sen's Slope Estimator



Constituent: Sulfate Analysis Run 9/14/2026 3:01 PM View: 2026-2027 Short Term Trends

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

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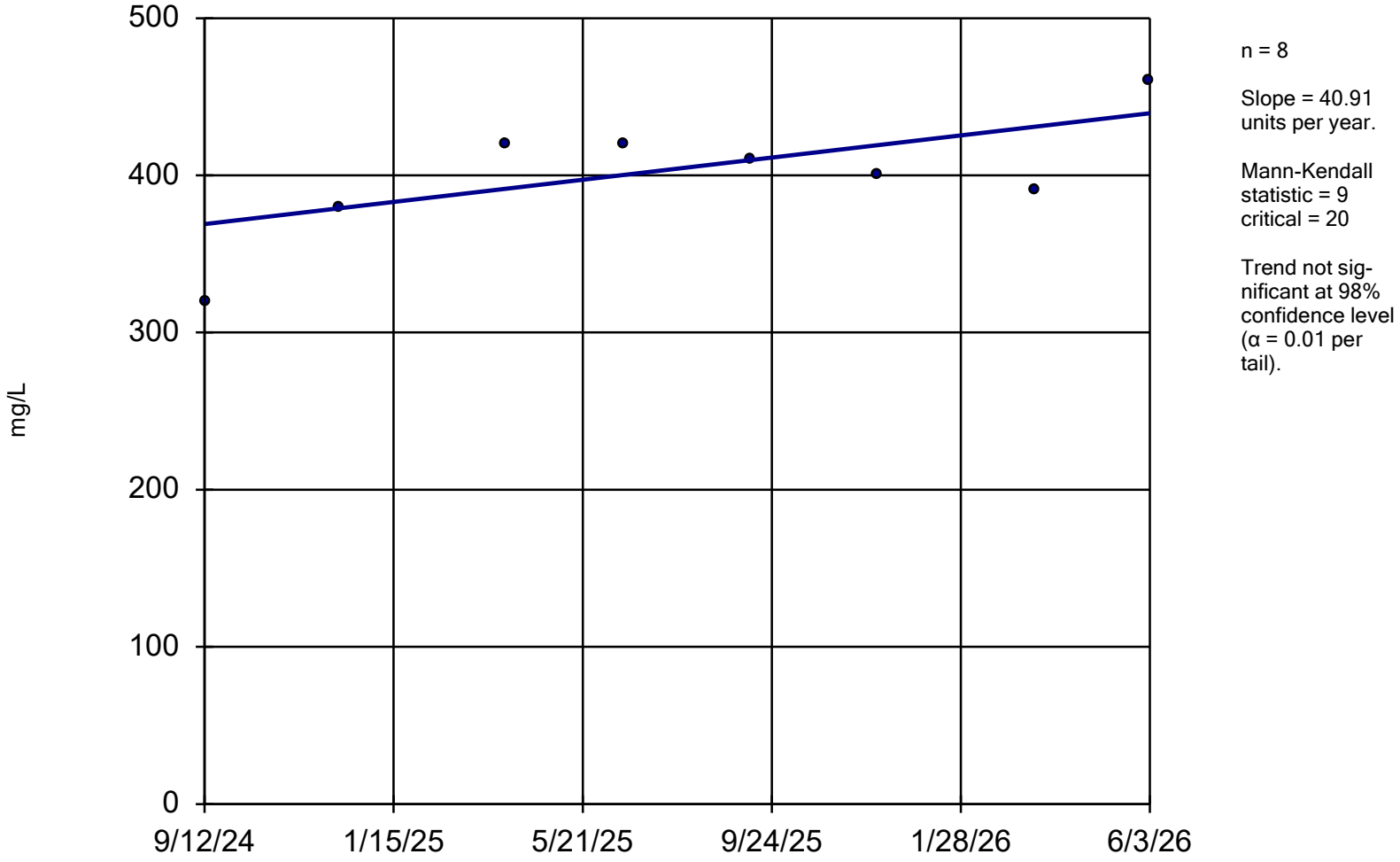
Sen's Slope Estimator

MW-3S



Constituent: TDS Analysis Run 9/14/2026 3:01 PM View: 2026-2027 Short Term Trends

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

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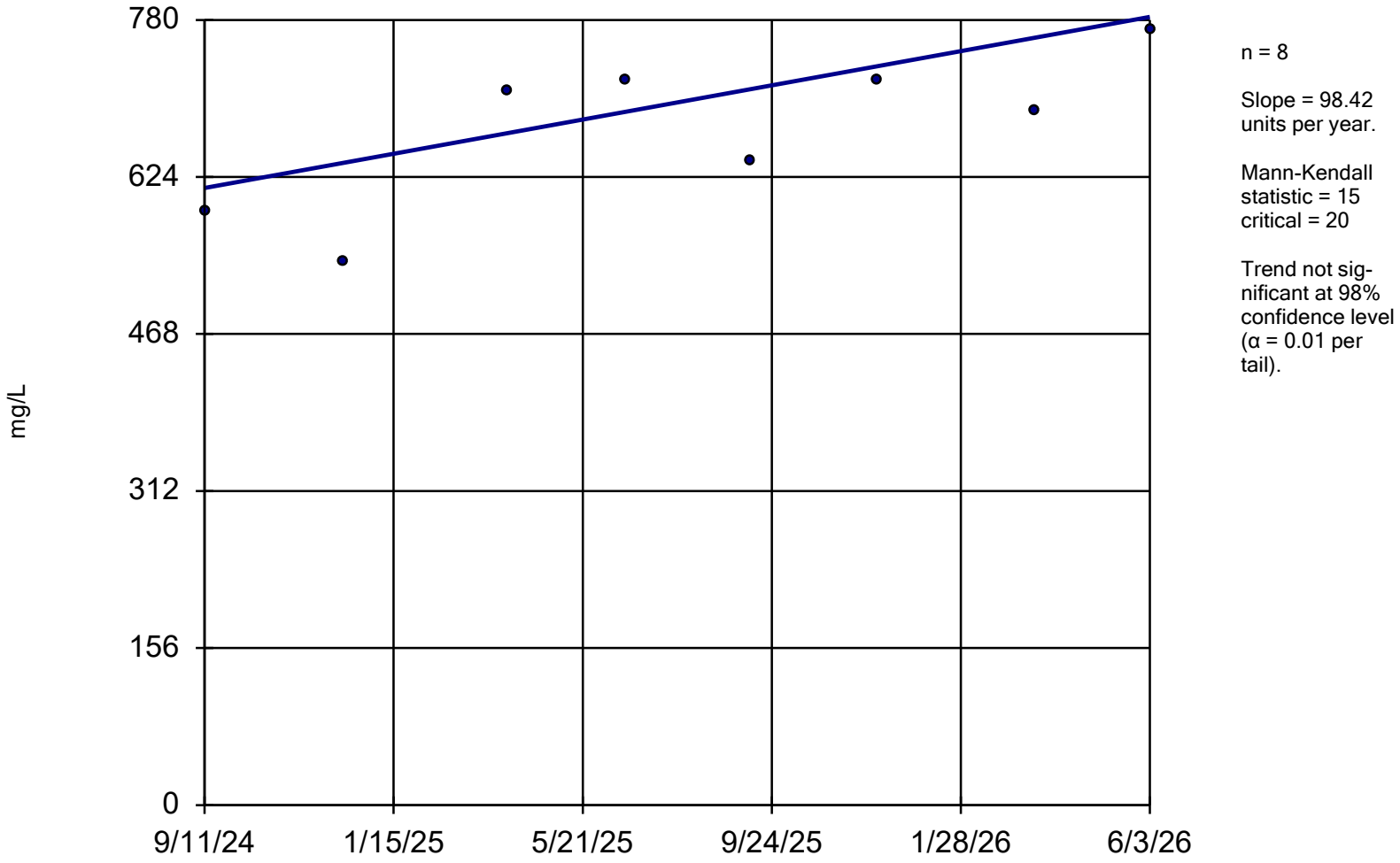
Sen's Slope Estimator

MW-4S



n = 8

Slope = 98.42 units per year.

Mann-Kendall statistic = 15
critical = 20

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

Constituent: TDS Analysis Run 9/14/2026 3:01 PM View: 2026-2027 Short Term Trends

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

F-2

UPL Exceedances

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

Well	Analyte	UPL (mg/L)	1Q 2026 Results (mg/L)	2Q 2026 Results (mg/L)	SSI Confirmed?	SCL (mg/L)	Exceed SCL?	CUSUM (mg/L)	CUSUM exceed SCL?
MW-7D	Alkalinity, Total	105.9	100	100	no	109.6	no	*	no
	Calcium, Dissolved	16.99	14	16	no	--	n/a	n/a	n/a
	Chloride	4.304	2.1	2.2	no	5.027	no	*	no
	Iron, Dissolved	0.4158	<0.056	0.094	no	0.5512	no	*	no
	Magnesium, Dissolved	11	10	11	no	--	n/a	n/a	n/a
	Nitrate	0.2	<0.200	<0.200	no	--	n/a	n/a	n/a
	Potassium, Dissolved	3.465	2.9	2.9	no	3.841	no	*	no
	Sulfate[2]	--	<5.0	<5.0	n/a	--	n/a	n/a	n/a
	Total Dissolved Solids	194.5	160	160	no	219.9	no	*	no
	Total Organic Carbon[2]	--	<1.0	<1.0	n/a	--	n/a	n/a	n/a
MW-8D	Alkalinity, Total	94	90	90	no	--	n/a	n/a	n/a
	Calcium, Dissolved	32.32	**34**	**37**	**yes**	34.99	yes	*	yes
	Chloride	25.62	**27**	24	no	29.92	no	*	no
	Iron, Dissolved	--	<0.056	<0.056	n/a	--	n/a	n/a	n/a
	Magnesium, Dissolved	23.85	**24**	**25**	**yes**	26.17	no	*	yes
	Nitrate	2.041	1.26	1.14	no	2.268	no	*	no
	Potassium, Dissolved	3.946	3.6	3.8	no	4.369	no	*	no
	Sulfate	92.54	**94**	**95**	**yes**	107.5	no	*	yes
	Total Dissolved Solids	331.3	330	320	no	369.1	no	*	no
	Total Organic Carbon[2]	--	<1.0	<1.0	n/a	--	n/a	n/a	n/a
MW-9D	Alkalinity, Total	109.5	90	82	no	116.9	no	*	no
	Calcium, Dissolved	35.37	30	35	no	37.23	no	*	no
	Chloride	45.56	39	37	no	47.46	no	*	no
	Iron, Dissolved	0.69	0.24	**2.7**	no	--	n/a	n/a	n/a
	Magnesium, Dissolved	22.66	19	21	no	--	n/a	n/a	n/a
	Nitrate	1.64	<0.200	<0.200	no	--	n/a	n/a	n/a
	Potassium, Dissolved	3.354	2.4	2.4	no	3.82	no	*	no
	Sulfate	94.81	62	65	no	110.3	no	*	no
	Total Dissolved Solids	458.7	270	300	no	452.6	no	*	no
	Total Organic Carbon	4.726	3.8	**6.4**	no	5.572	yes	*	yes

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.

* = CUSUM displayed on control charts

-- = Not established

n/a = Not applicable

BOLD

BOLD

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

Well	Analyte	UPL (mg/L)	1Q 2026 Results (mg/L)	2Q 2026 Results (mg/L)	SSI Confirmed?	SCL (mg/L)	Exceed SCL?	CUSUM (mg/L)	CUSUM exceed SCL?
MW-2S	Alkalinity, Total	88	80	78	no	--	n/a	n/a	n/a
	Calcium, Dissolved	14	13	14	no	--	n/a	n/a	n/a
	Chloride	5.674	2.1	2.3	no	5.555	no	*	no
	Iron, Dissolved[2]	--	<0.056	<0.056	n/a	--	n/a	n/a	n/a
	Magnesium, Dissolved	9.881	8.6	9.6	no	10.58	no	*	no
	Nitrate	2.368	0.678	0.658	no	--	n/a	n/a	n/a
	Potassium, Dissolved	3.813	3.0	3.3	no	--	n/a	n/a	n/a
	Sulfate	7.908	<5.0	5.6	no	9.194	no	*	no
	Total Dissolved Solids	195.5	140	130	no	240.7	no	*	no
	Total Organic Carbon[2]	--	<1.0	<1.0	n/a	--	n/a	n/a	n/a
MW-3S	Alkalinity, Total[1]	--	110	100	n/a	--	n/a	n/a	n/a
	Calcium, Dissolved[1]	--	53	55	n/a	--	n/a	n/a	n/a
	Chloride[1]	--	63	63	n/a	--	n/a	n/a	n/a
	Iron, Dissolved	0.088	<0.056	<0.056	no	--	n/a	n/a	n/a
	Magnesium, Dissolved[1]	--	35	39	n/a	--	n/a	n/a	n/a
	Nitrate[1]	--	13.5	12.3	n/a	--	n/a	n/a	n/a
	Potassium, Dissolved	5.765	4.9	5.1	no	6.808	no	*	no
	Sulfate[1]	--	78	89	n/a	--	n/a	n/a	n/a
	Total Dissolved Solids[1]	--	110	460	n/a	--	n/a	n/a	n/a
	Total Organic Carbon	3.665	3.0	3.1	no	4.307	no	*	no
MW-4S	Alkalinity, Total[3]	187.6	140	140	no	209.8	no	157.7	no
	Calcium, Dissolved[1]	--	90	110	n/a	--	n/a	n/a	n/a
	Chloride	52.29	36	31	no	57.62	no	45.3	no
	Iron, Dissolved[2]	--	<0.056	<0.056	n/a	--	n/a	n/a	n/a
	Magnesium, Dissolved	93.59	64	76	no	118.2	no	*	no
	Nitrate[1]	--	70.5	76.3	n/a	--	n/a	n/a	n/a
	Potassium, Dissolved	7.956	6.7	7.4	no	9.091	no	*	no
	Sulfate	186.4	130	120	no	253.1	no	*	no
	Total Dissolved Solids[1]	--	690	770	n/a	--	n/a	n/a	n/a
	Total Organic Carbon[3]	6.407	3.6	3.8	no	7.607	no	4.746	no
MW-5S	Alkalinity, Total	110	110	110	no	--	n/a	n/a	n/a
	Calcium, Dissolved	39	27	29	no	42.45	no	*	no
	Chloride	35	18	16	no	51.07	no	*	no
	Iron, Dissolved	0.6258	0.097	0.11	no	1.193	no	*	no
	Magnesium, Dissolved	26.31	18	19	no	28.76	no	*	no
	Nitrate	0.239	<0.200	<0.200	no	--	n/a	n/a	n/a
	Potassium, Dissolved	4.332	3.6	3.9	no	4.635	no	*	no
	Sulfate	108.1	50	49	no	128.9	no	*	no
	Total Dissolved Solids	401.9	220	220	no	--	n/a	n/a	n/a
	Total Organic Carbon	1.7	<1.0	<1.0	no	--	n/a	n/a	n/a
MW-6S	Alkalinity, Total[1]	--	90	90	n/a	--	n/a	n/a	n/a
	Calcium, Dissolved	54.04	47	56	no	59.1	no	*	no
	Chloride	--	65	67	n/a	74.55	no	*	no
	Iron, Dissolved[2]	--	<0.056	<0.056	n/a	--	n/a	n/a	n/a
	Magnesium, Dissolved	38.83	32	38	no	43.23	no	*	no
	Nitrate[1]	--	16.2	17.8	n/a	--	n/a	n/a	n/a
	Potassium, Dissolved	5.704	4.7	5.1	no	6.403	no	*	no
	Sulfate	77.08	61	73	no	87.49	no	*	no
	Total Dissolved Solids	579	390	410	no	580	no	*	no
	Total Organic Carbon	3.69	3.3	3.6	no	4.013	no	*	no

F-3

Control Charts

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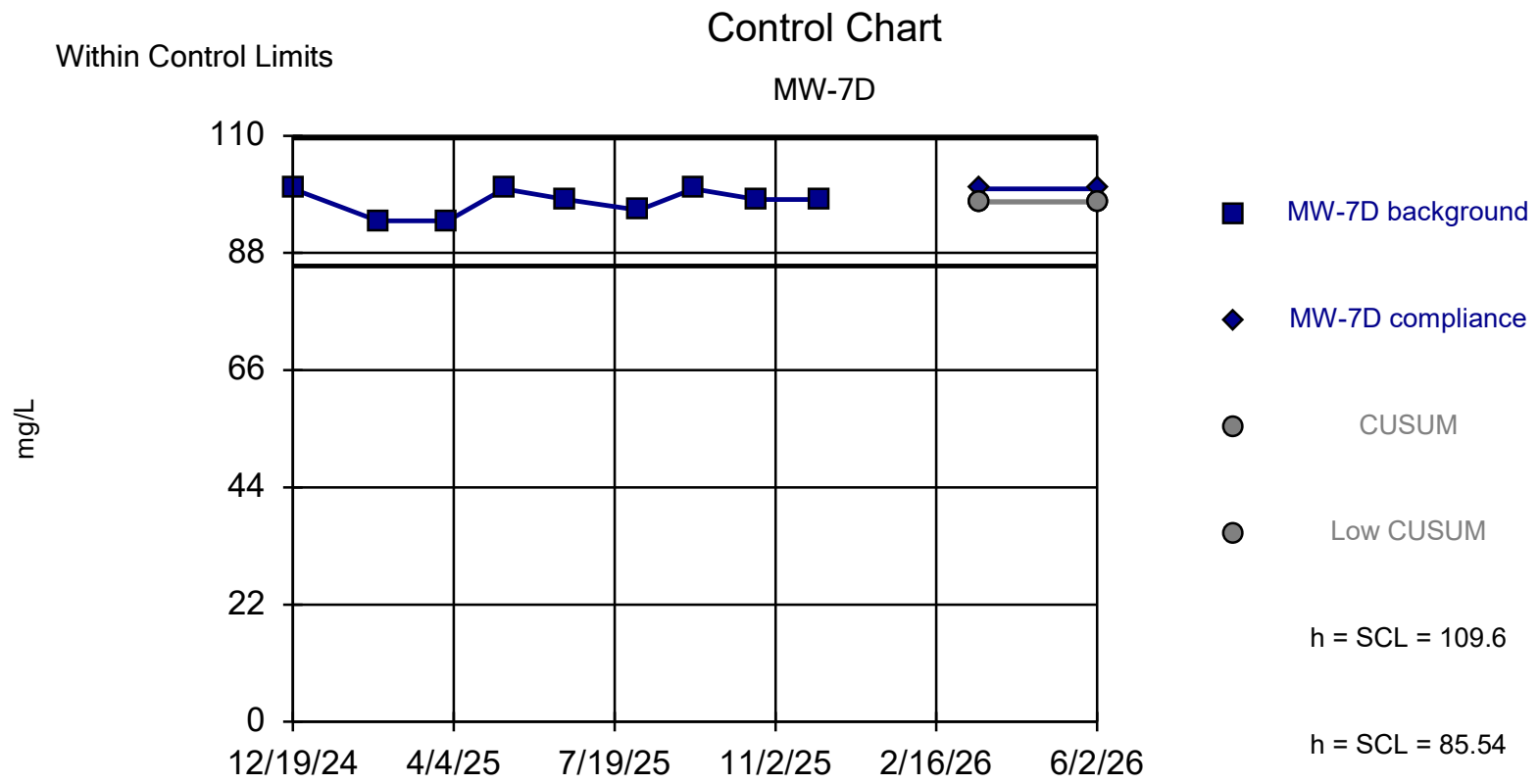

Background Data Summary: Mean=97.56, Std. Dev.=2.404, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8504, critical = 0.829. Report alpha = 0.001316. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Alkalinity, Total Analysis Run 9/2/2026 3:20 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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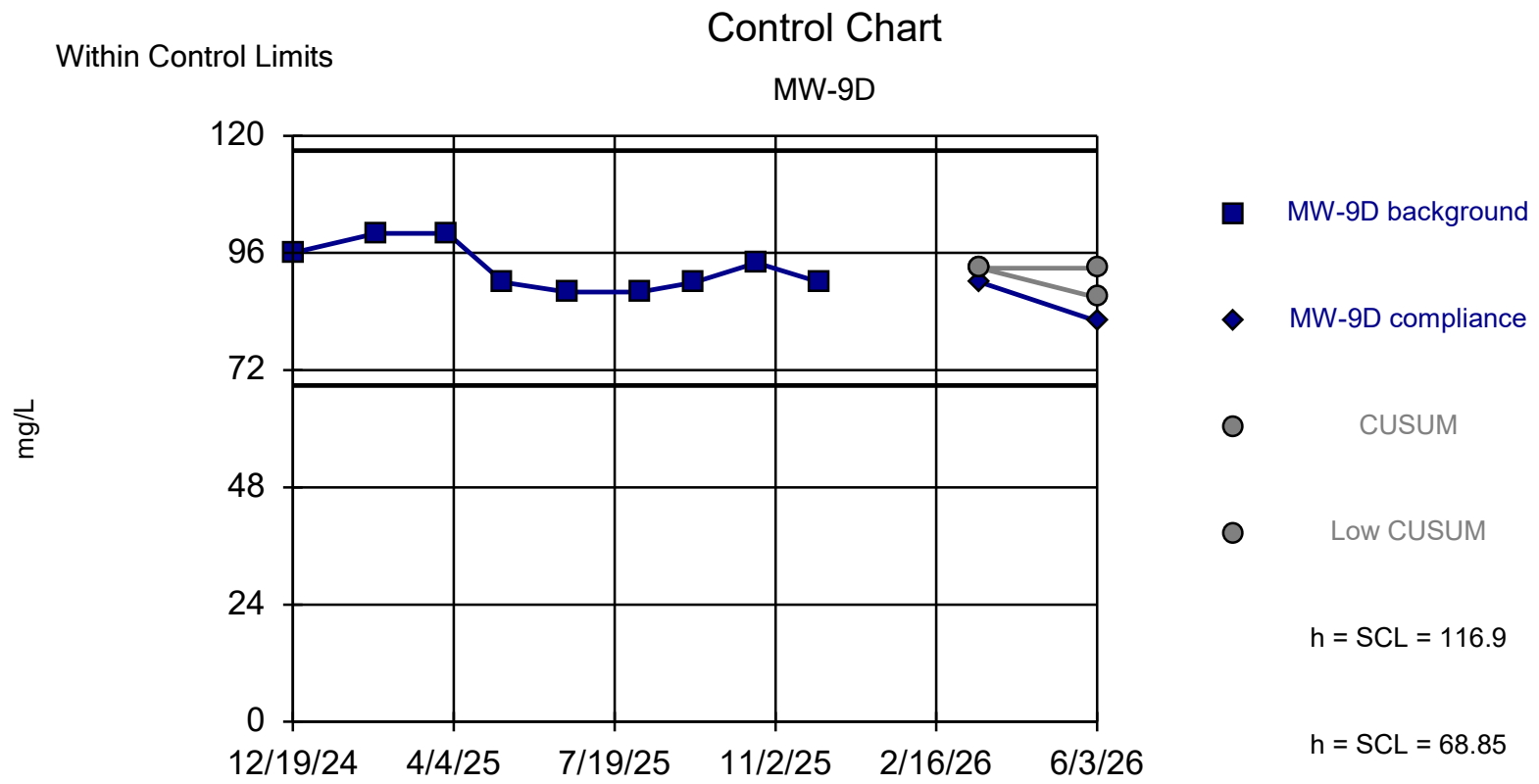

Background Data Summary: Mean=92.89, Std. Dev.=4.807, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8482, critical = 0.829. Report alpha = 0.001316. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Alkalinity, Total Analysis Run 9/2/2026 3:20 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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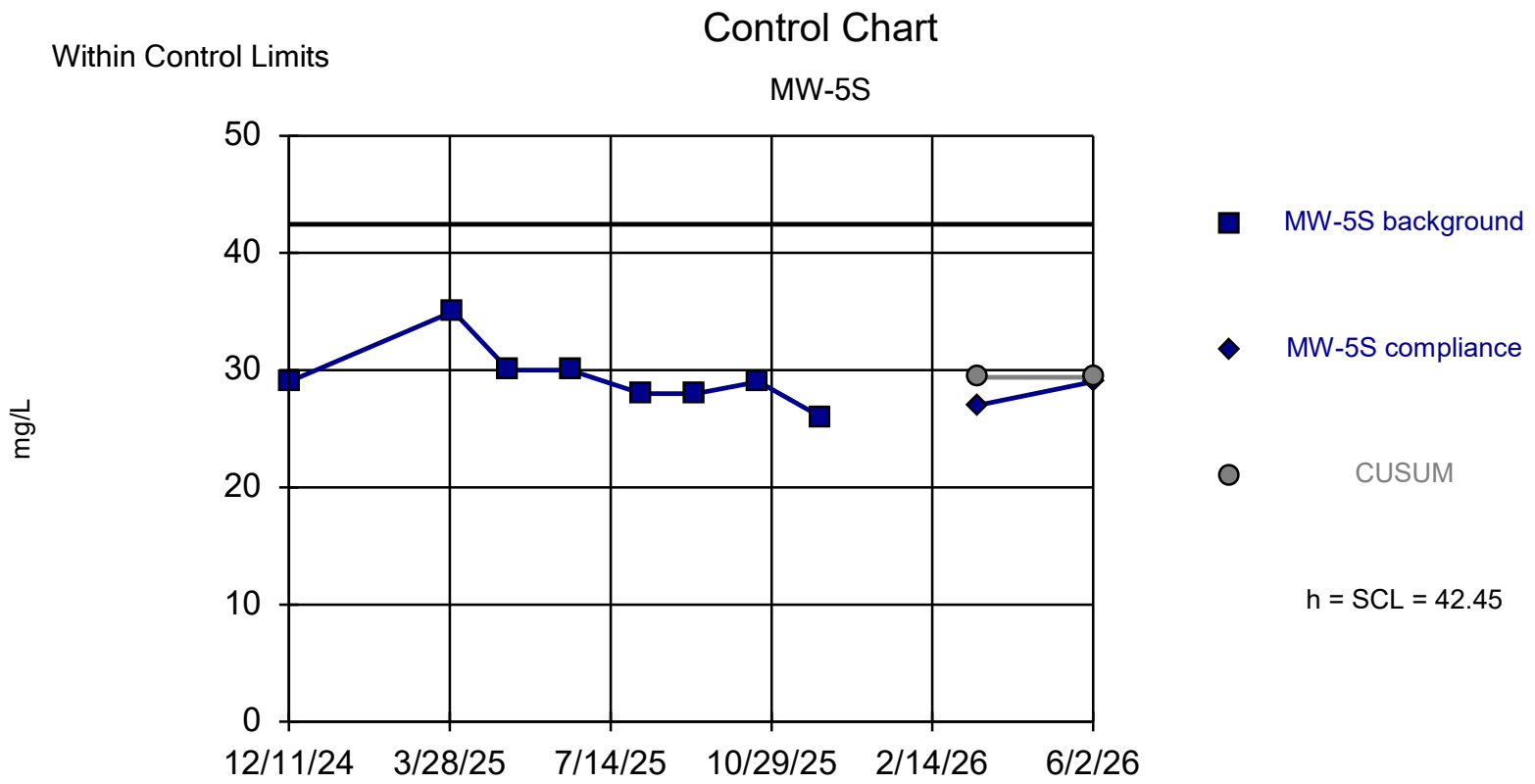

Background Data Summary: Mean=29.38, Std. Dev.=2.615, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8631, critical = 0.818. Report alpha = 0.001934. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Calcium, Dissolved Analysis Run 9/2/2026 3:20 PM View: 2026-2027 UPLs & CCs 4Q22-4Q2

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

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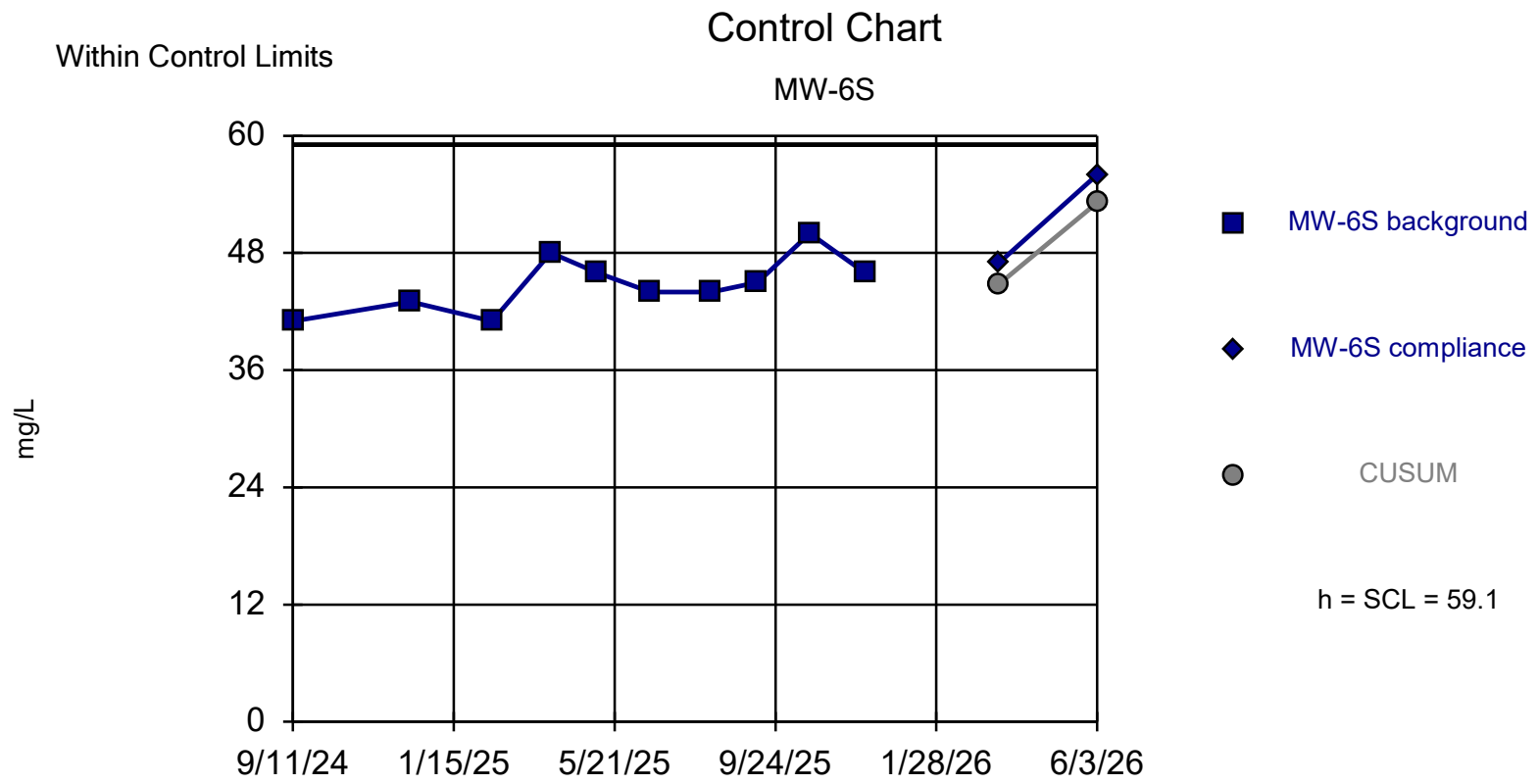

Background Data Summary: Mean=44.8, Std. Dev.=2.86, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9577, critical = 0.842. Report alpha = 0.000926. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Calcium, Dissolved Analysis Run 9/2/2026 3:20 PM View: 2026-2027 UPLs & CCs 4Q22-4Q2

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

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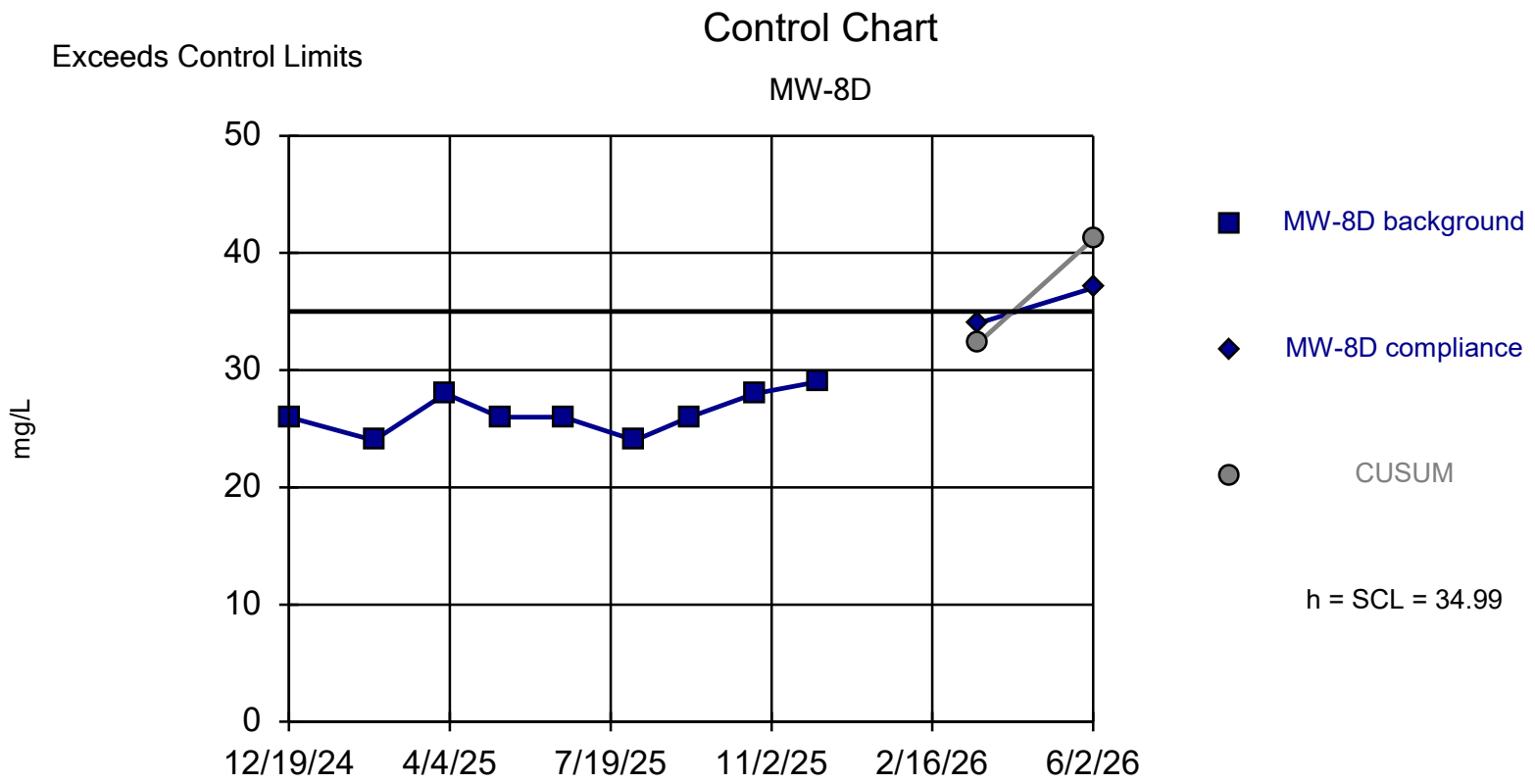

Background Data Summary: Mean=26.33, Std. Dev.=1.732, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8958, critical = 0.829. Report alpha = 0.001368. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Calcium, Dissolved Analysis Run 9/2/2026 3:20 PM View: 2026-2027 UPLs & CCs 4Q22-4Q2

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

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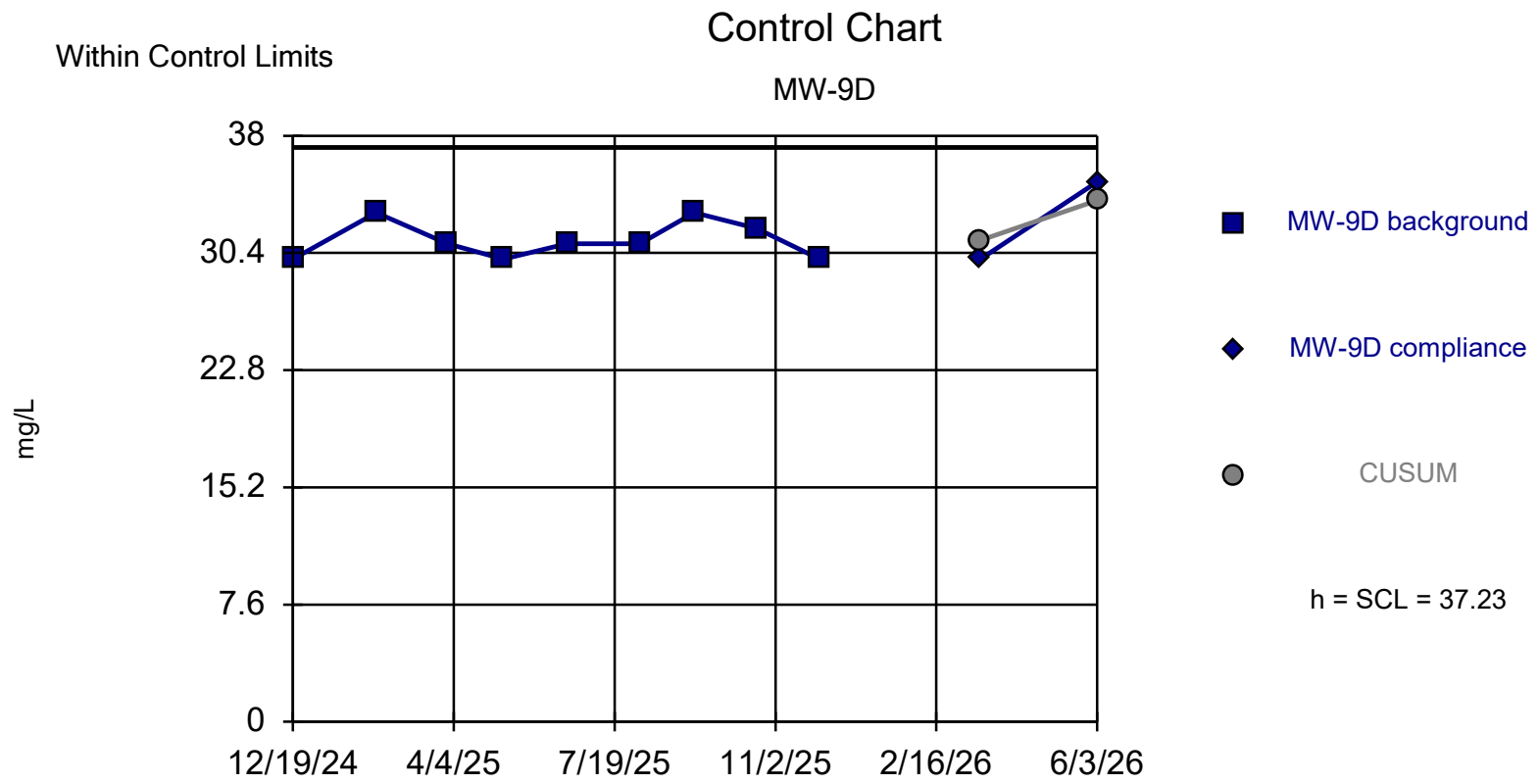

Background Data Summary: Mean=31.22, Std. Dev.=1.202, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8504, critical = 0.829. Report alpha = 0.001368. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Calcium, Dissolved Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-4Q2

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

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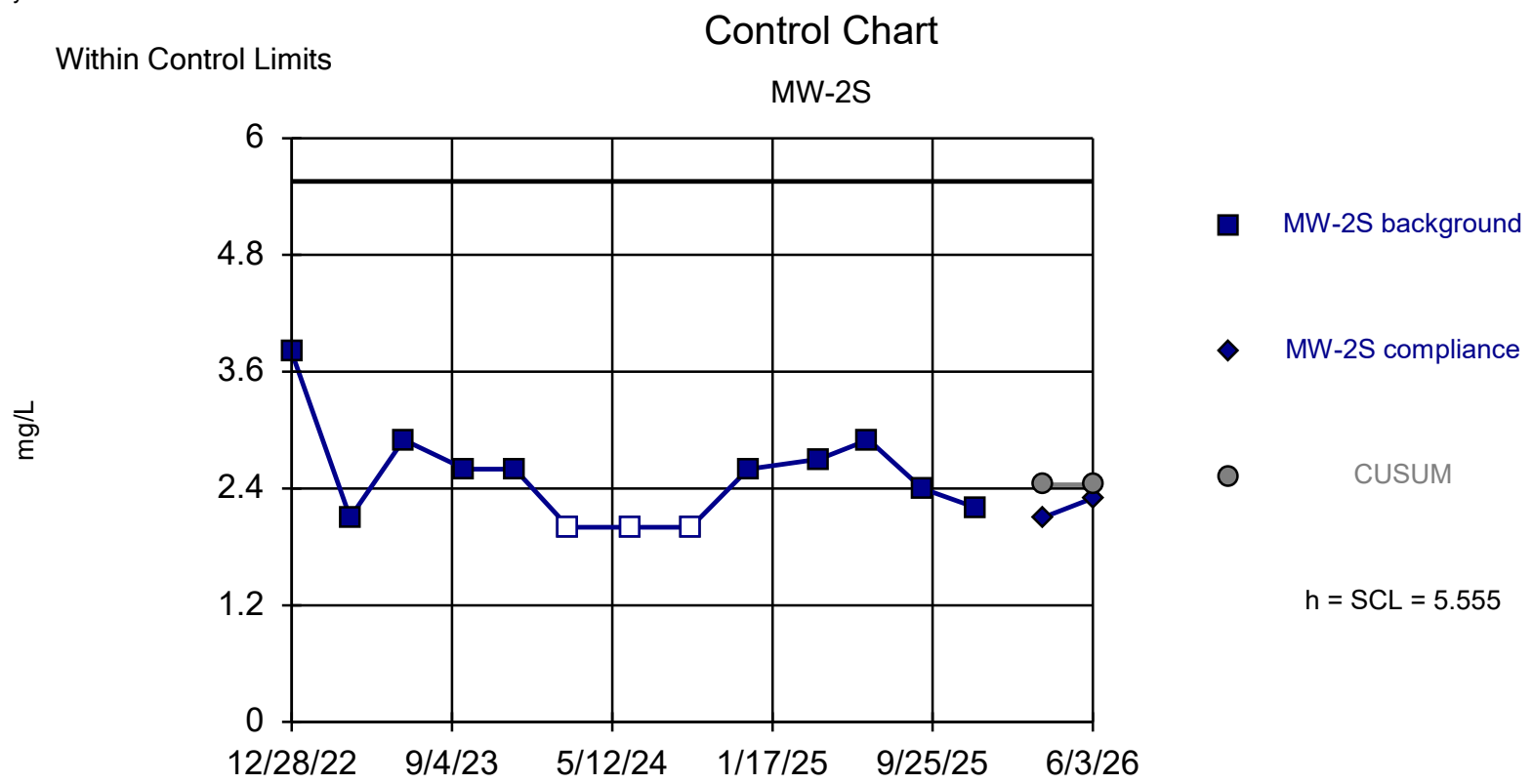
Hollow symbols indicate censored values.



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 = 0.000438. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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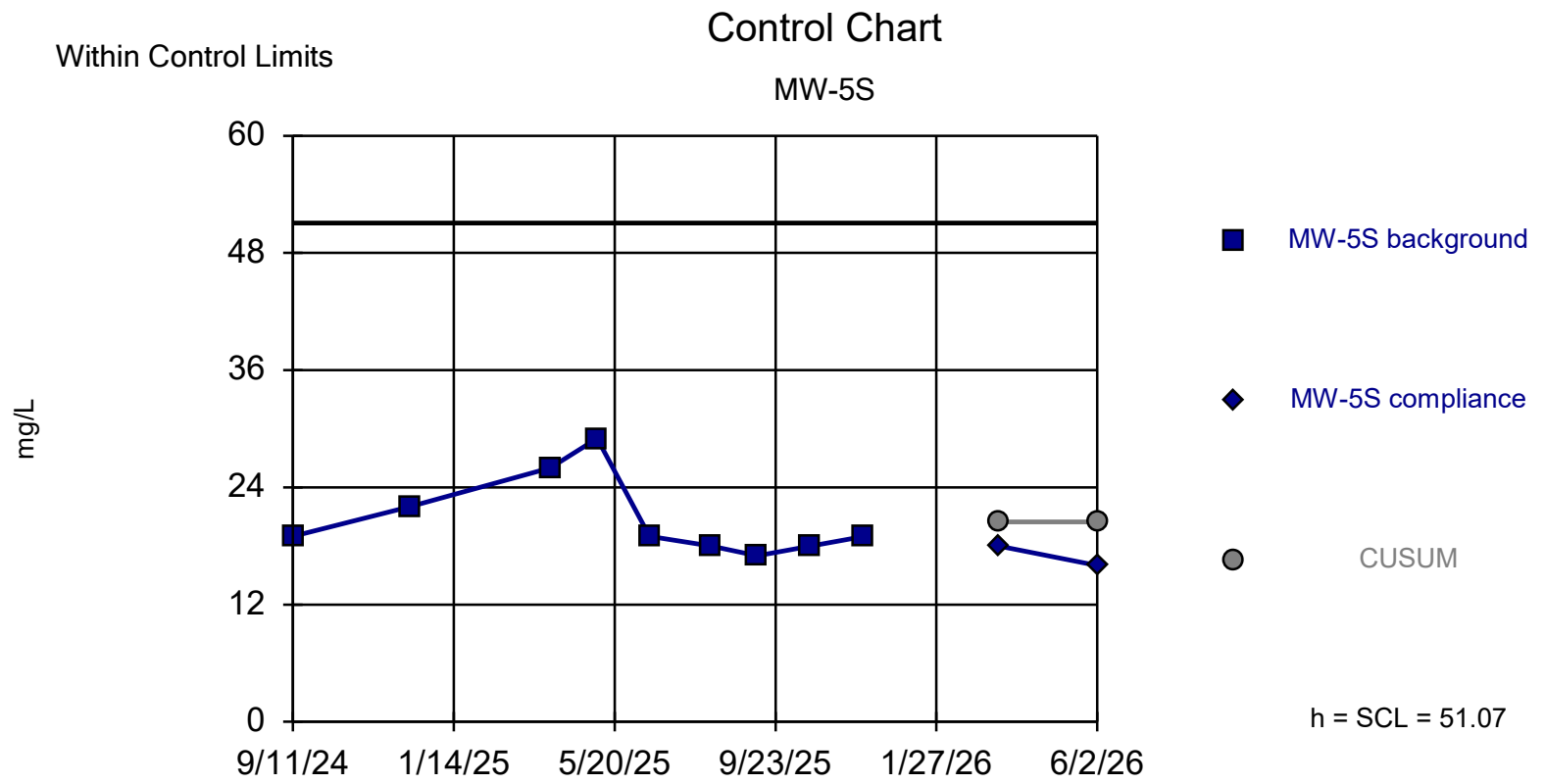

Background Data Summary (based on natural log transformation): Mean=3.018, Std. Dev.=0.183, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8364, critical = 0.829. Report alpha = 0.001396. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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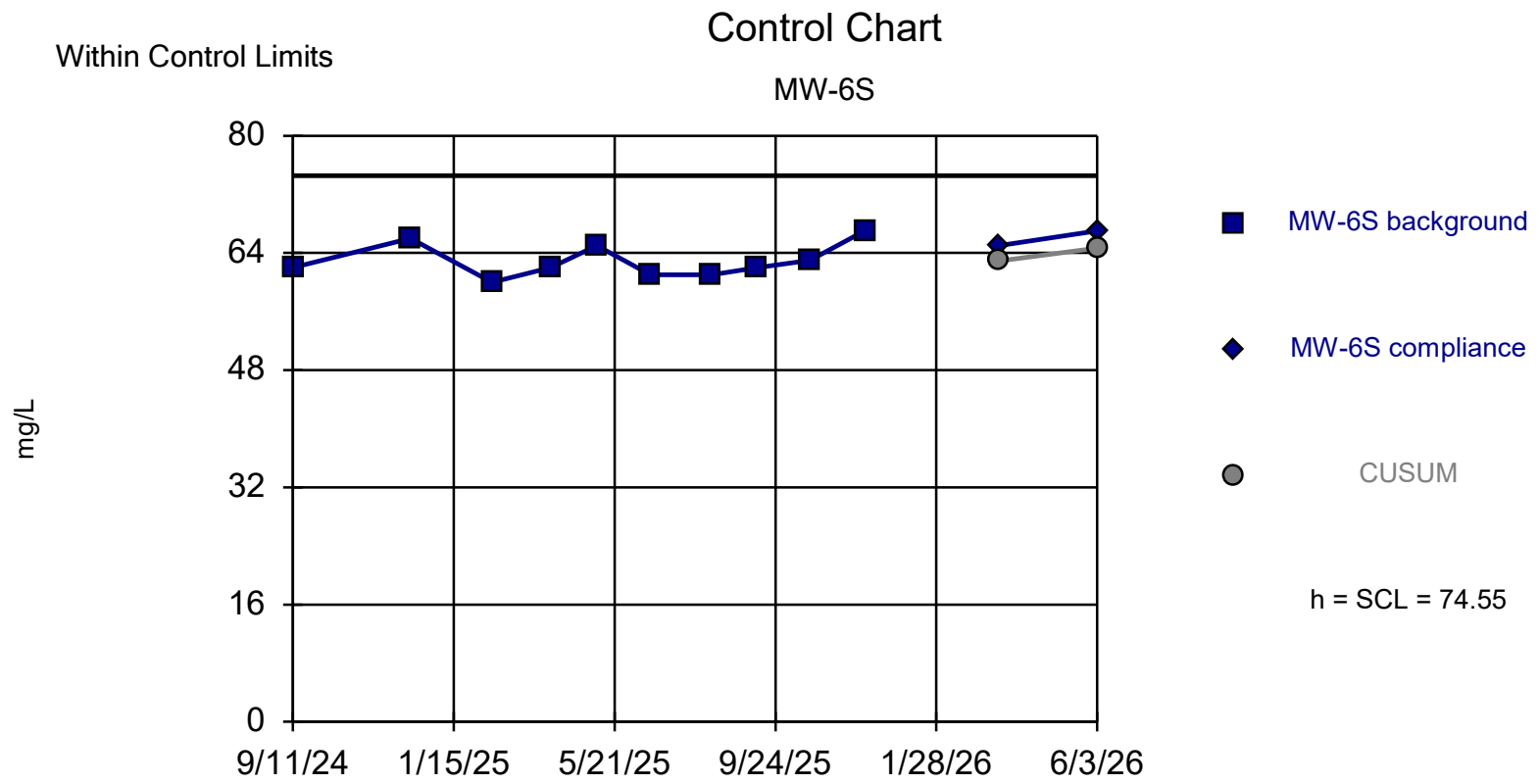
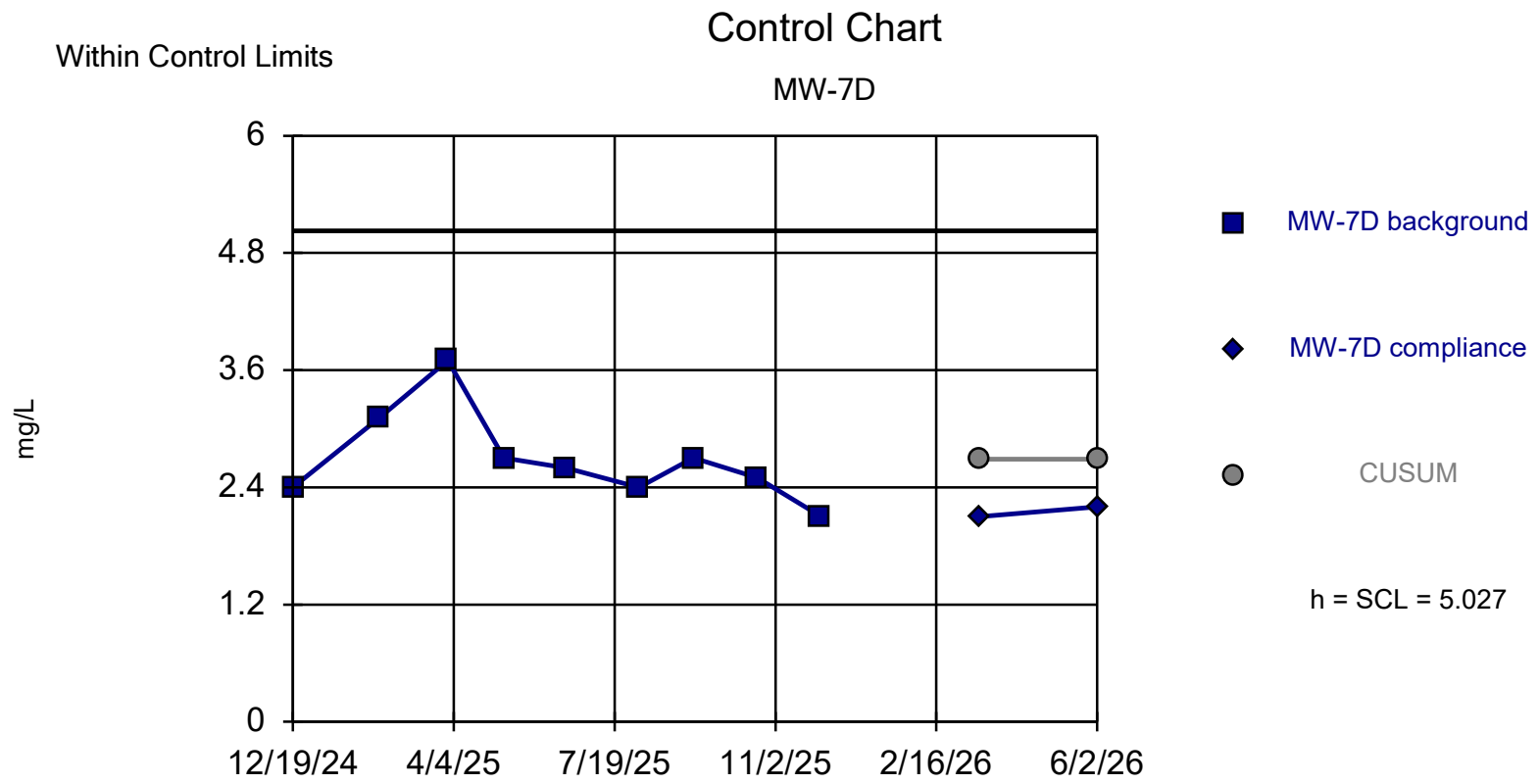


Background Data Summary: Mean=62.9, Std. Dev.=2.331, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9021, critical = 0.842. Report alpha = 0.000988. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

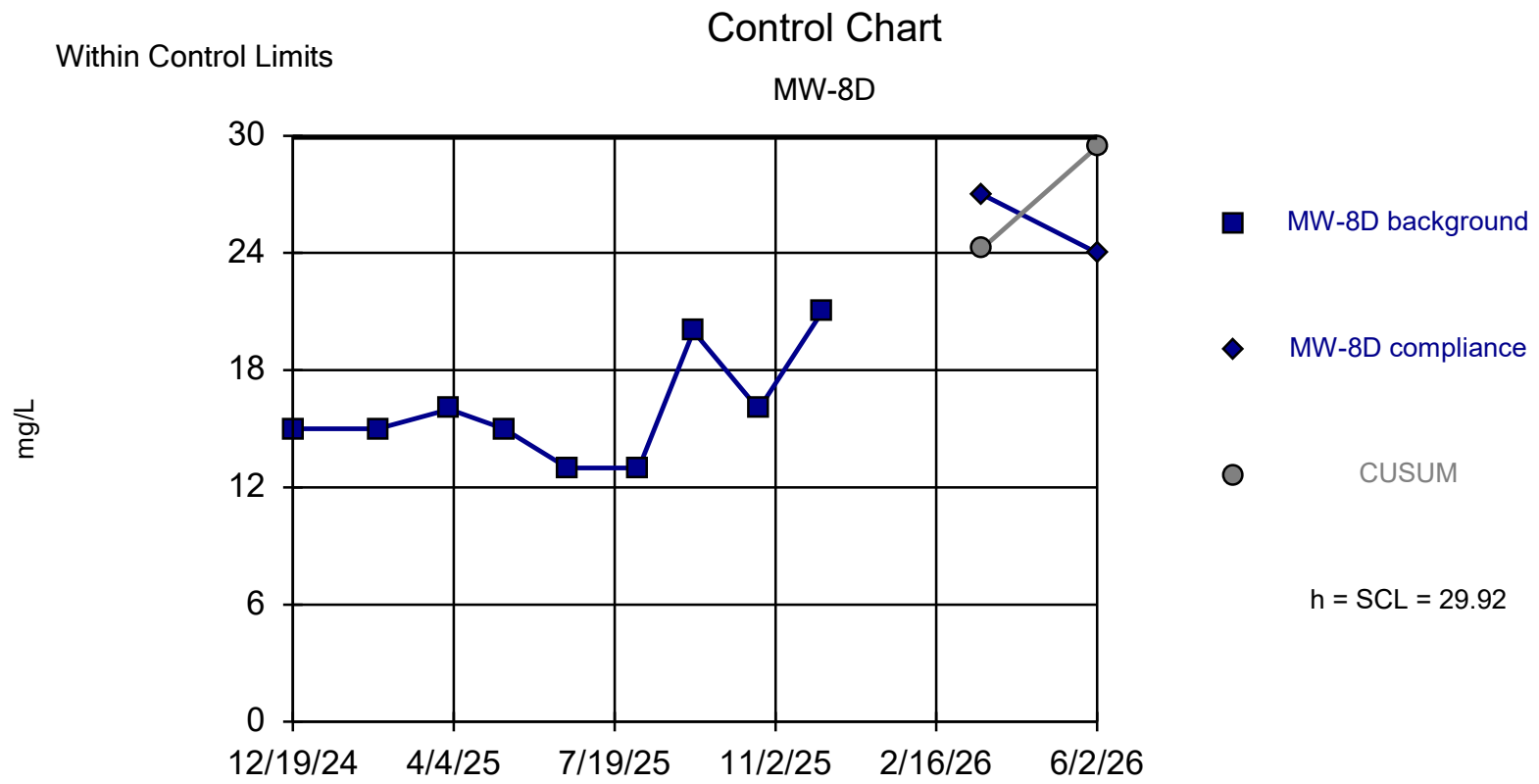
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



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 = 0.001298. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

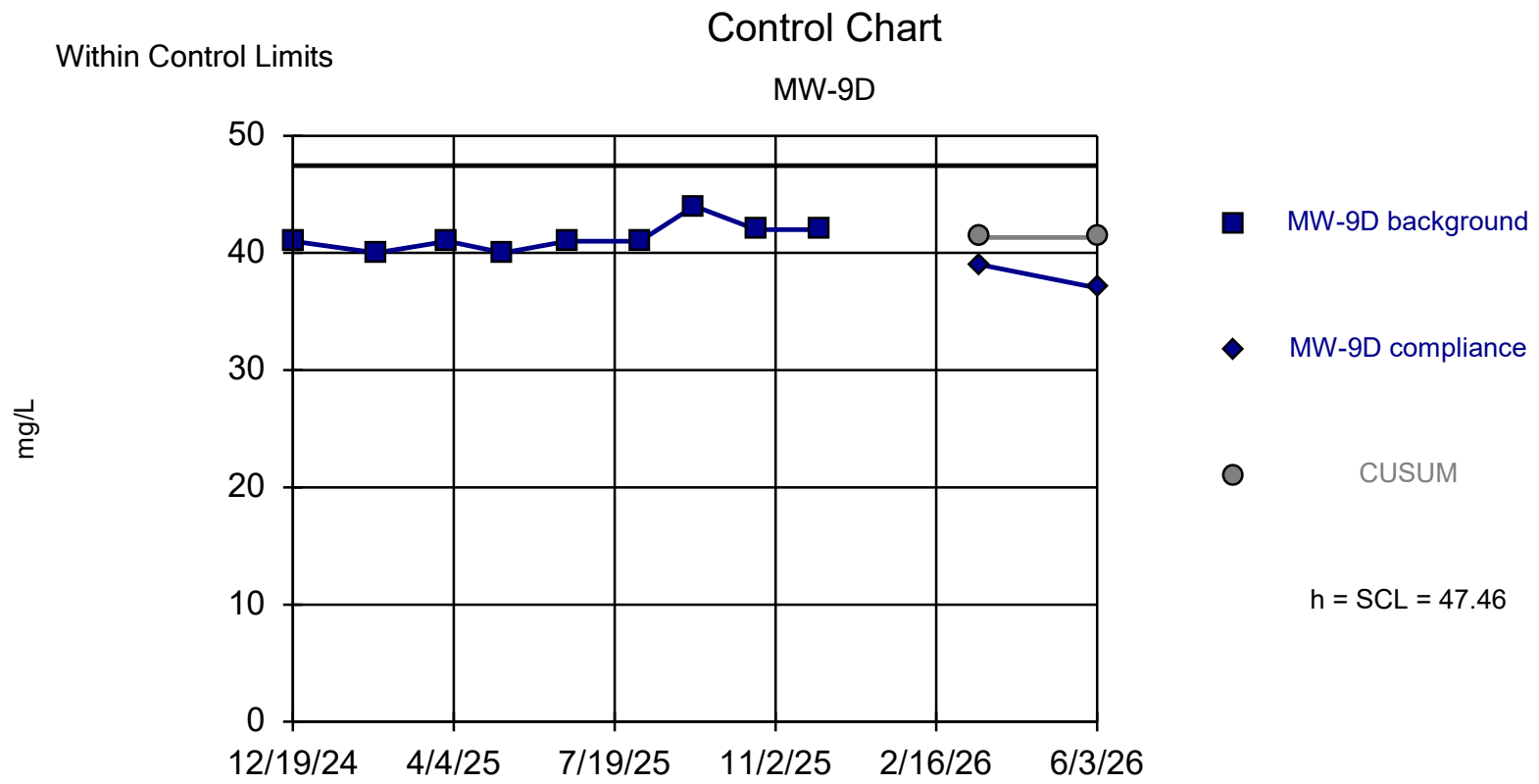
Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



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 = 0.001298. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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



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 = 0.001298. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Chloride Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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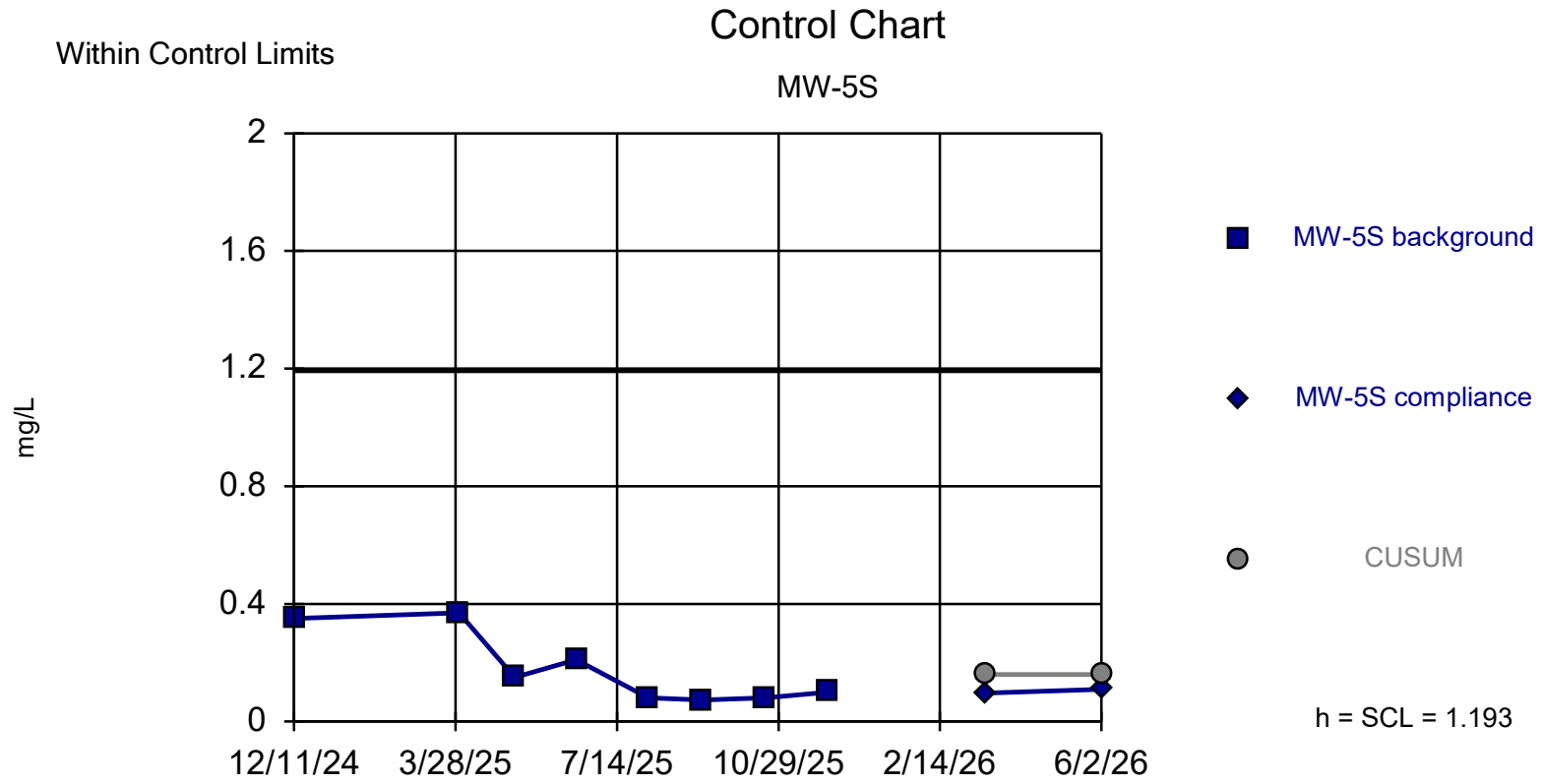

Background Data Summary (based on square root transformation): Mean=0.4001, Std. Dev.=0.1384, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8416, critical = 0.818. Report alpha = 0.001978. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Iron, Dissolved Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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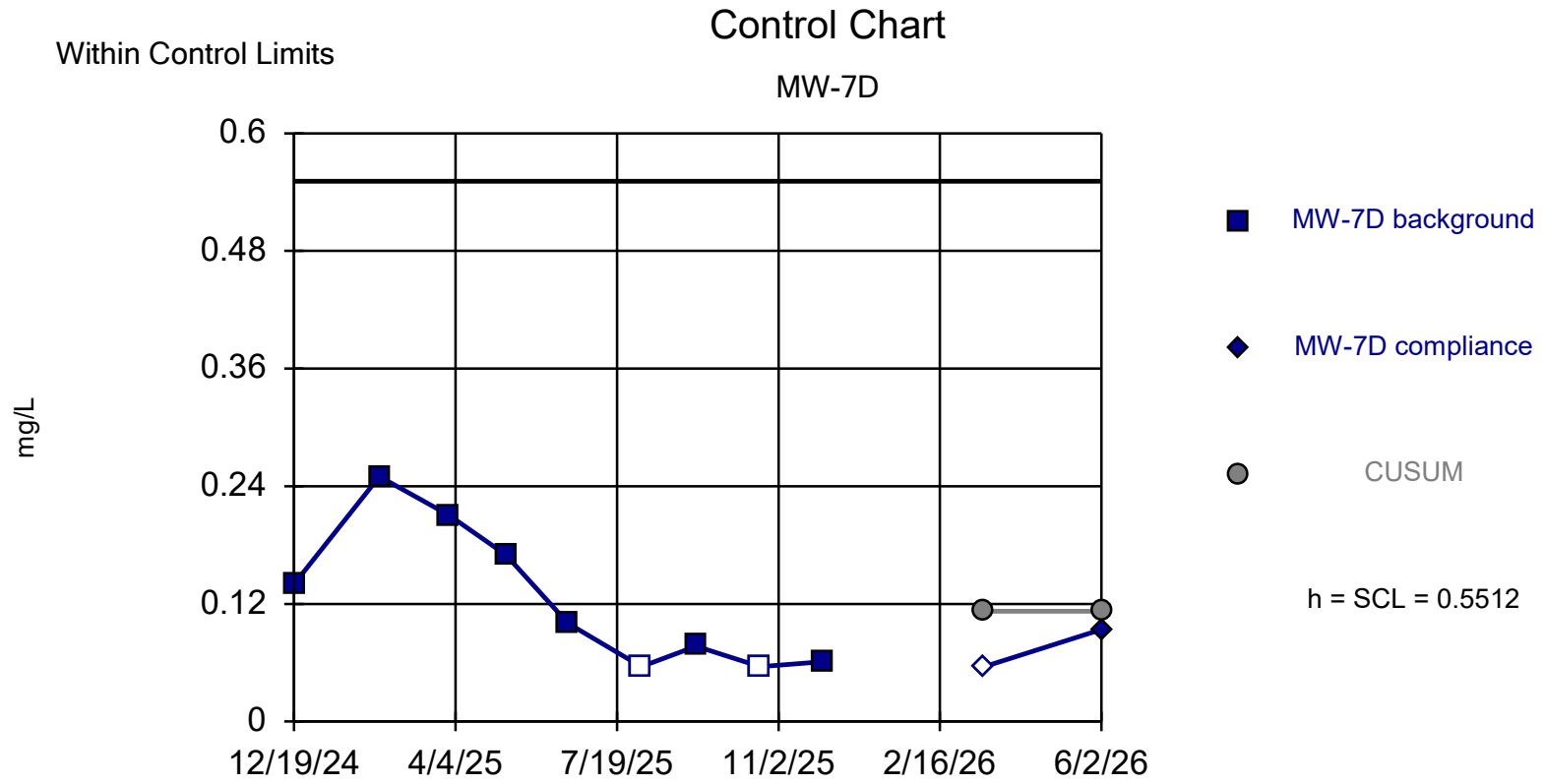
Hollow symbols indicate censored values.



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 = 0.001388. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Iron, Dissolved Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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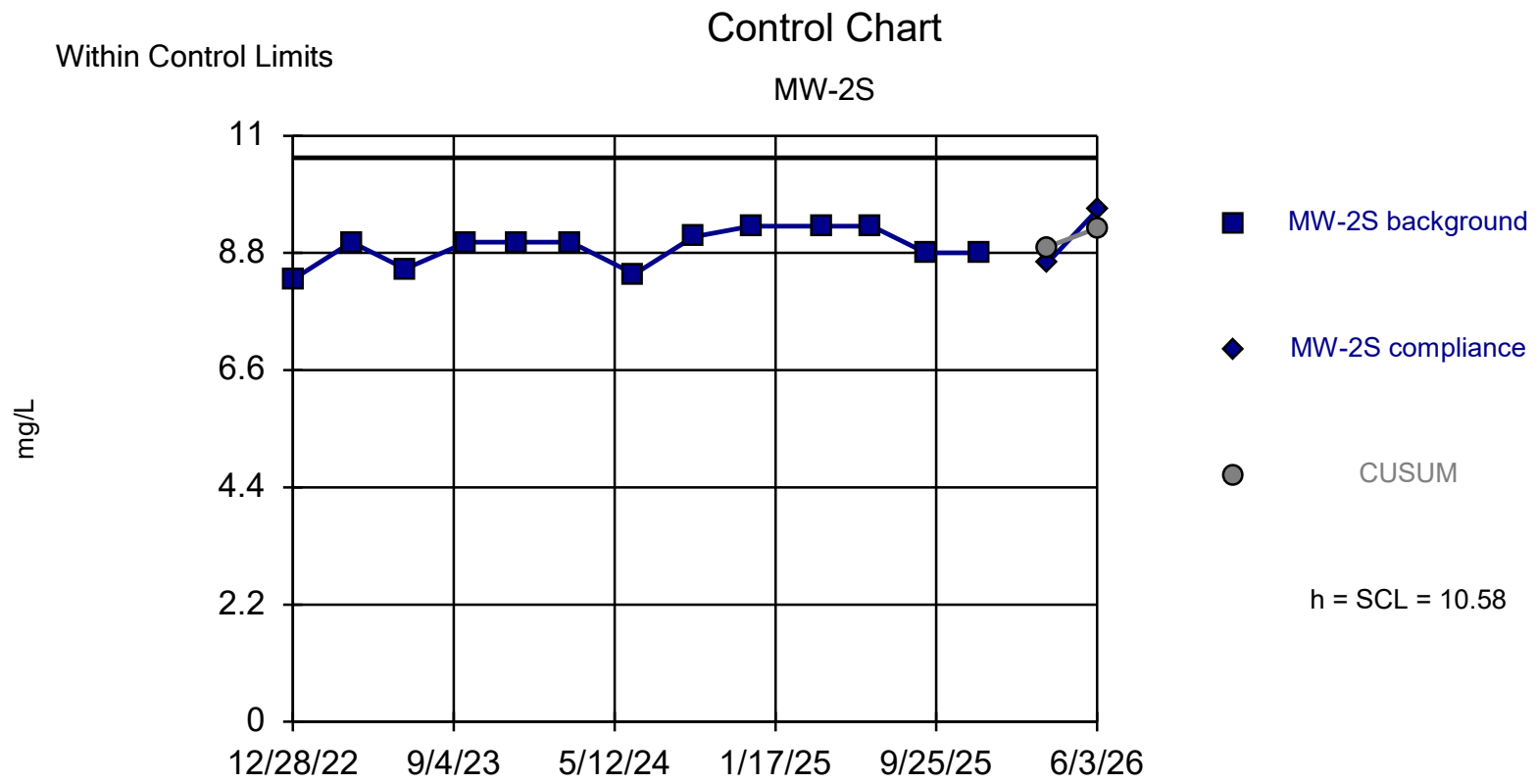

Background Data Summary: Mean=8.908, Std. Dev.=0.3353, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8989, critical = 0.866. Report alpha = 0.000414. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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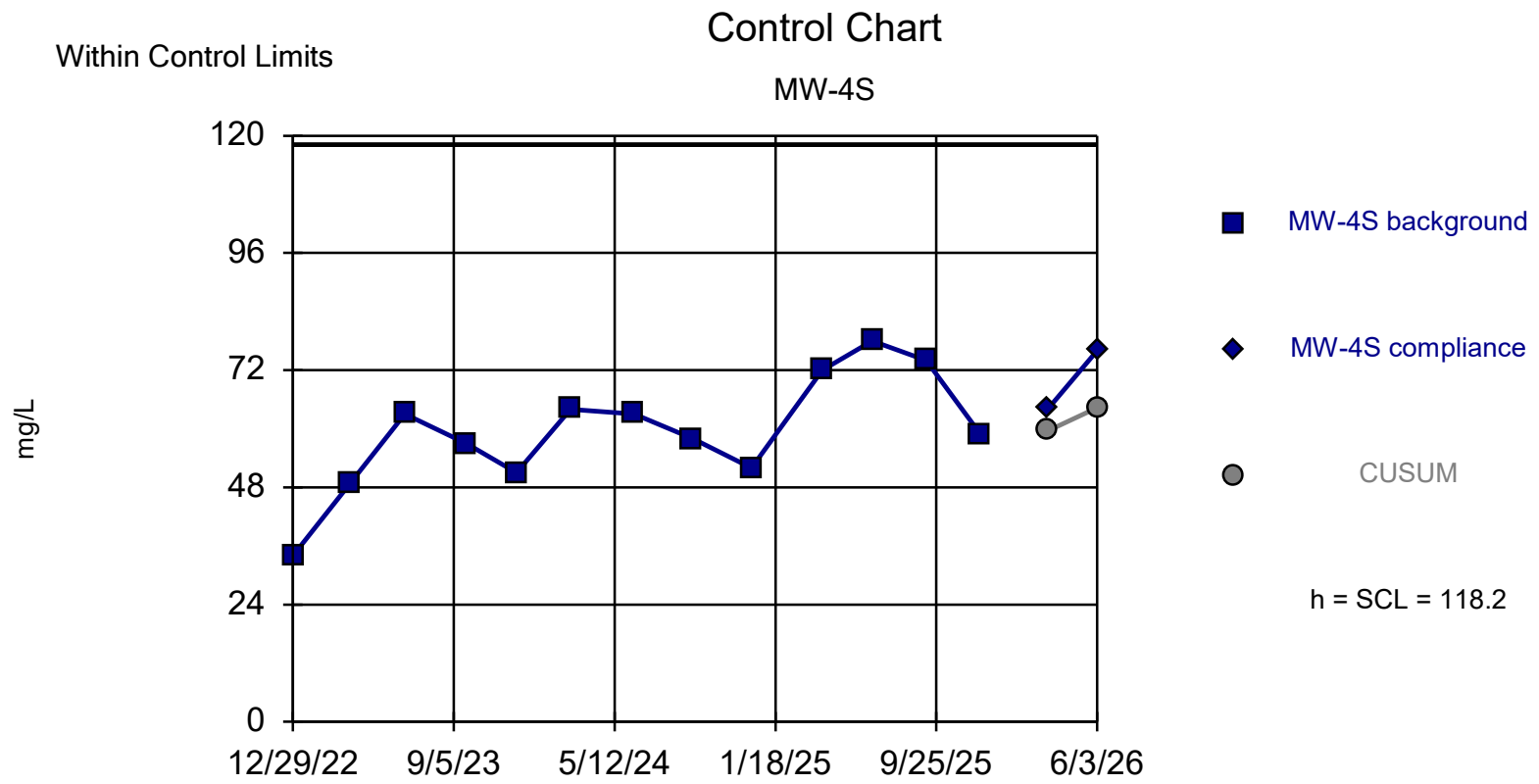
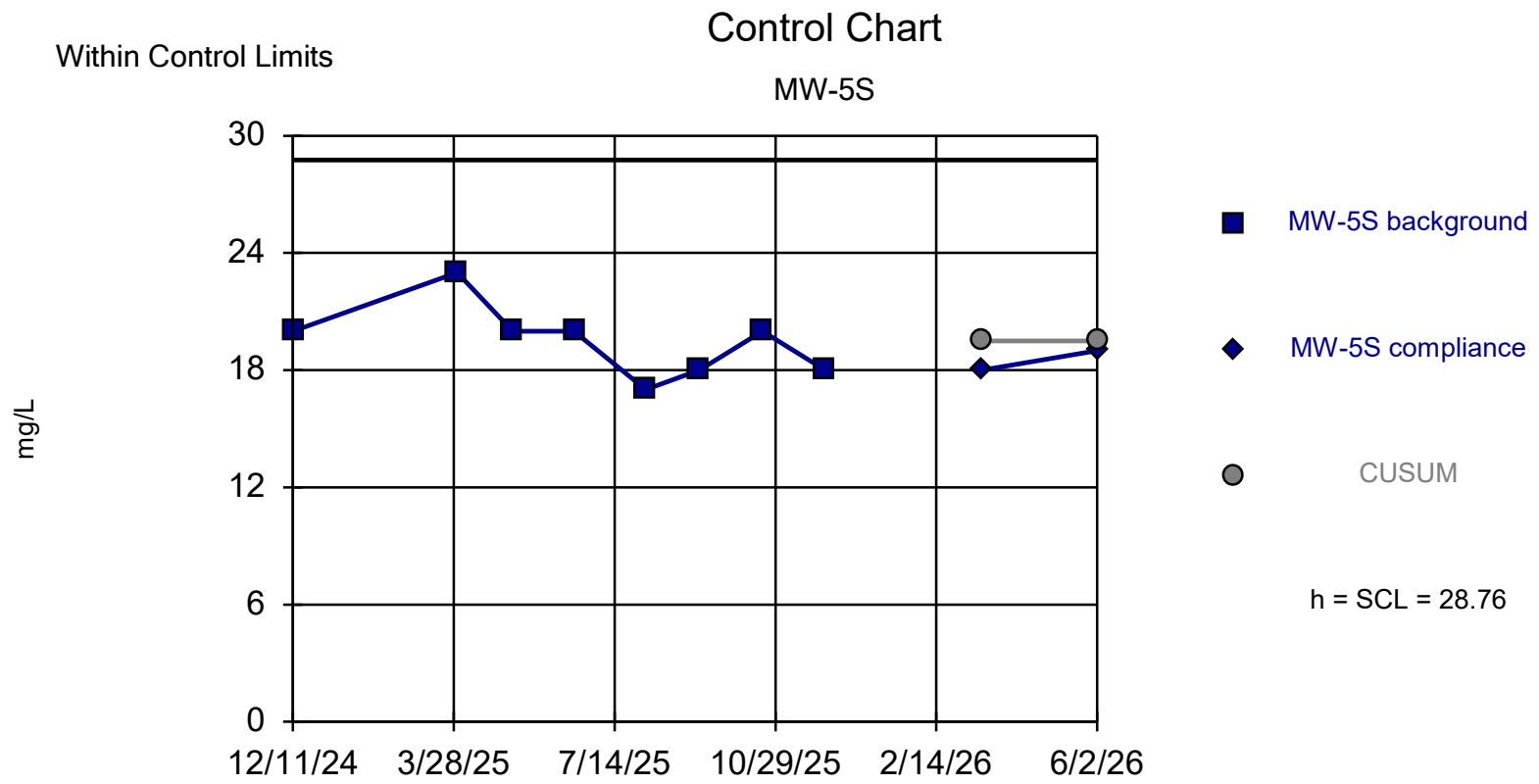


Background Data Summary: Mean=59.54, Std. Dev.=11.73, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9658, critical = 0.866. Report alpha = 0.000414. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats



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 = 0.001966. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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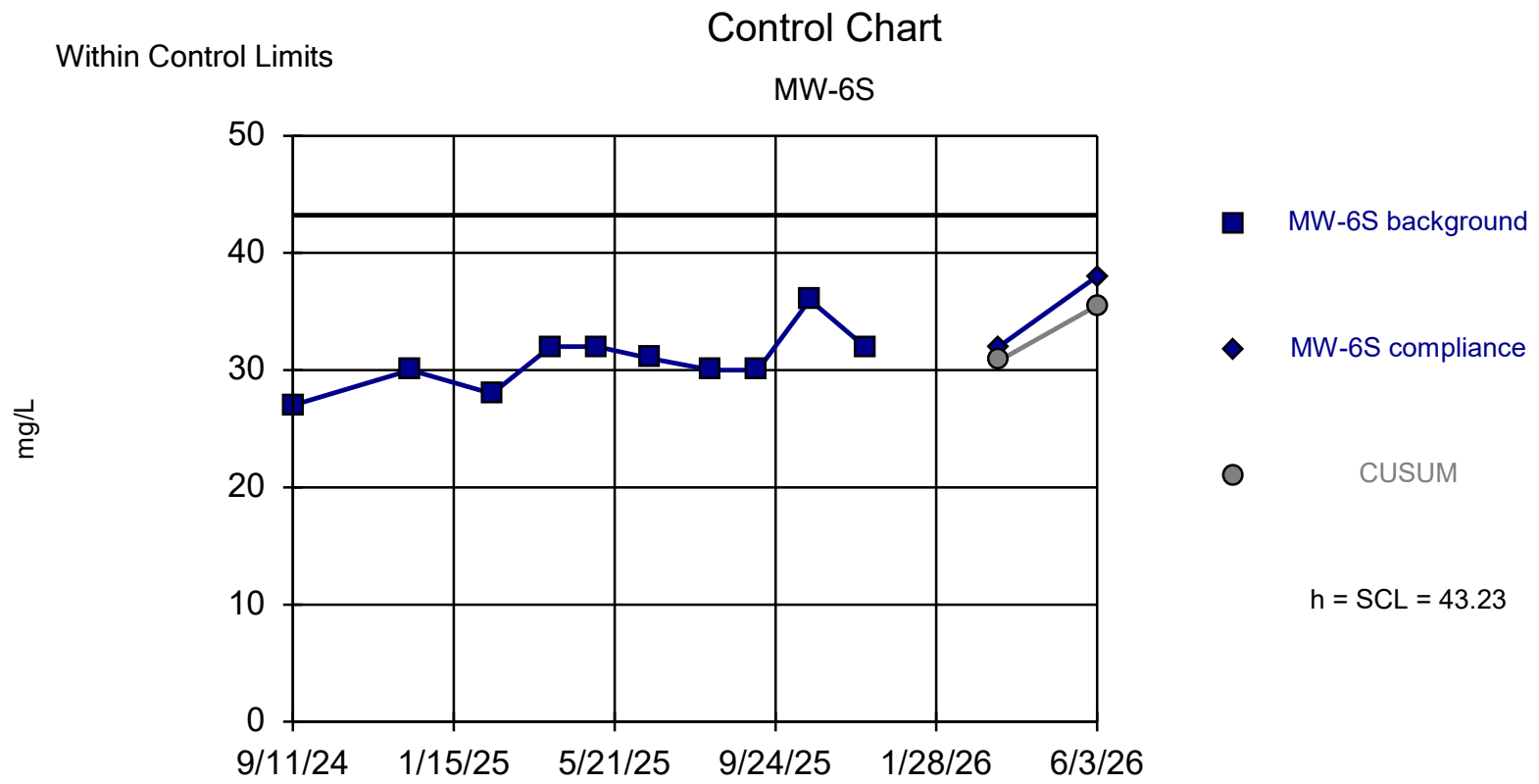

Background Data Summary: Mean=30.8, Std. Dev.=2.486, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9309, critical = 0.842. Report alpha = 0.00103. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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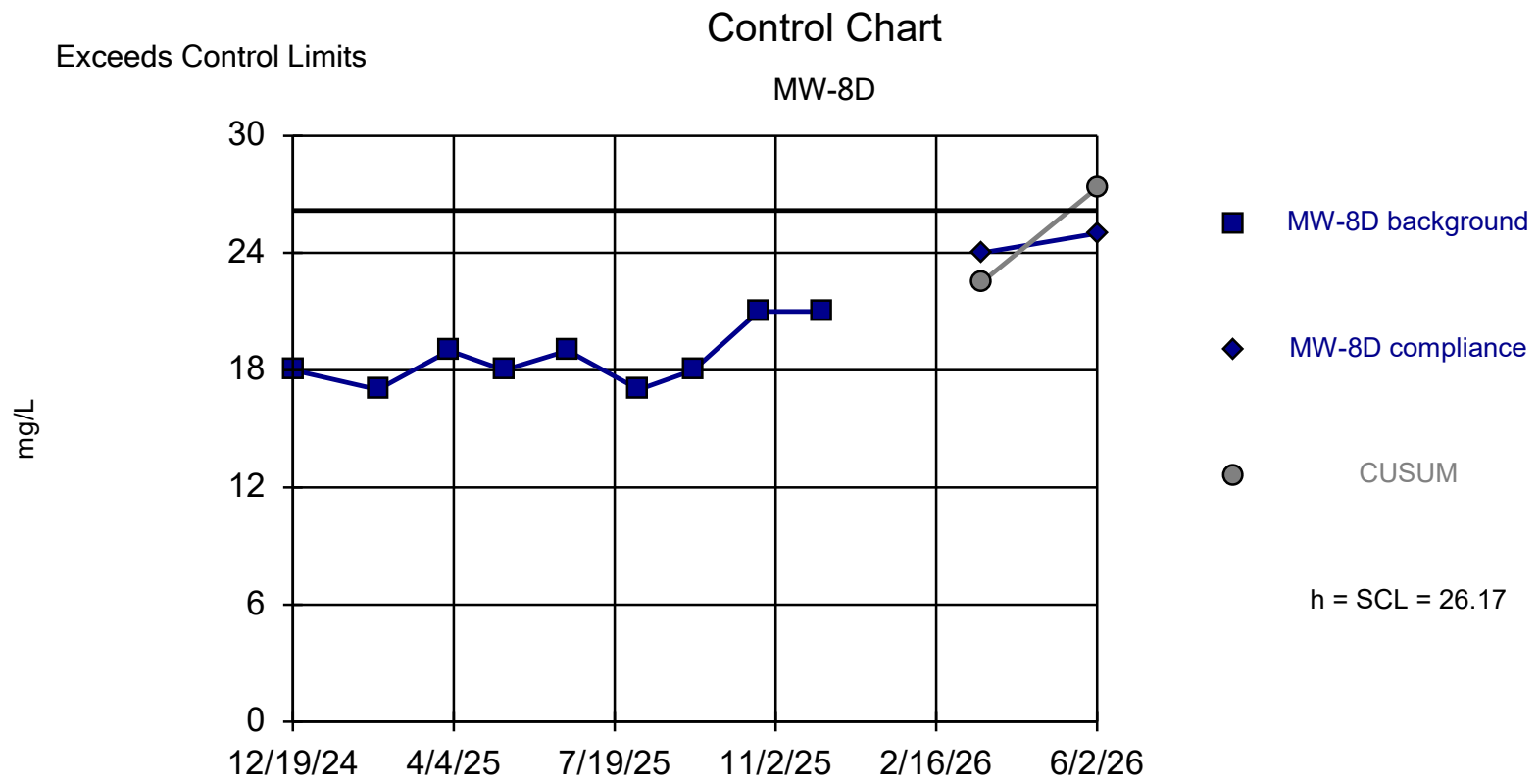

Background Data Summary: Mean=18.67, Std. Dev.=1.5, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8647, critical = 0.829. Report alpha = 0.001356. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Magnesium, Dissolved Analysis Run 9/2/2026 3:21 PM View: 2026-2027 UPLs & CCs 4Q22-Yakima Limited Purpose Landfill Client: DTG Data: DTG Yakima LPL Stats

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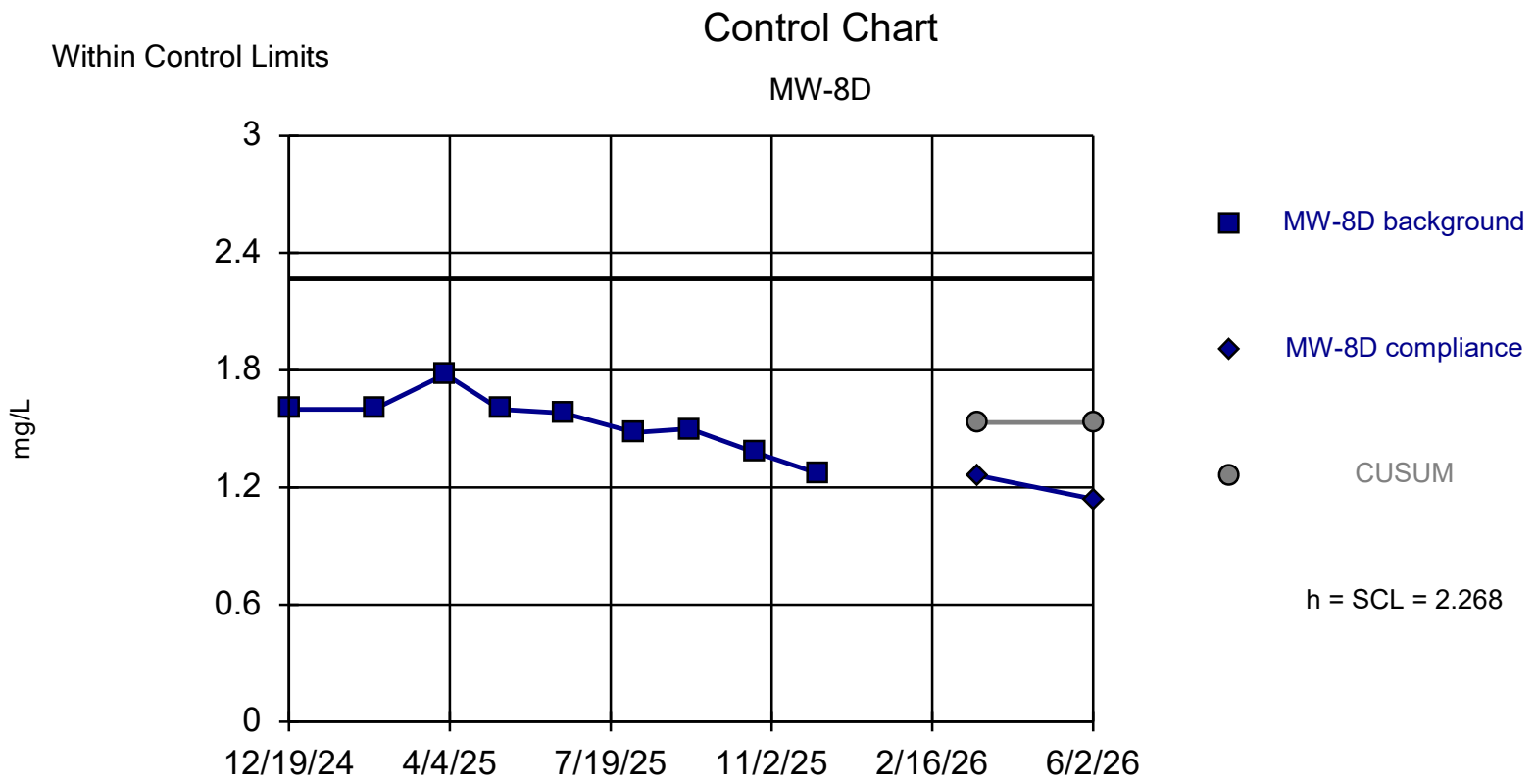

Background Data Summary: Mean=1.532, Std. Dev.=0.1471, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9465, critical = 0.829. Report alpha = 0.00134. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Nitrate Analysis Run 9/2/2026 2:50 PM View: 2026-2027 UPL & CC Nitrate

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

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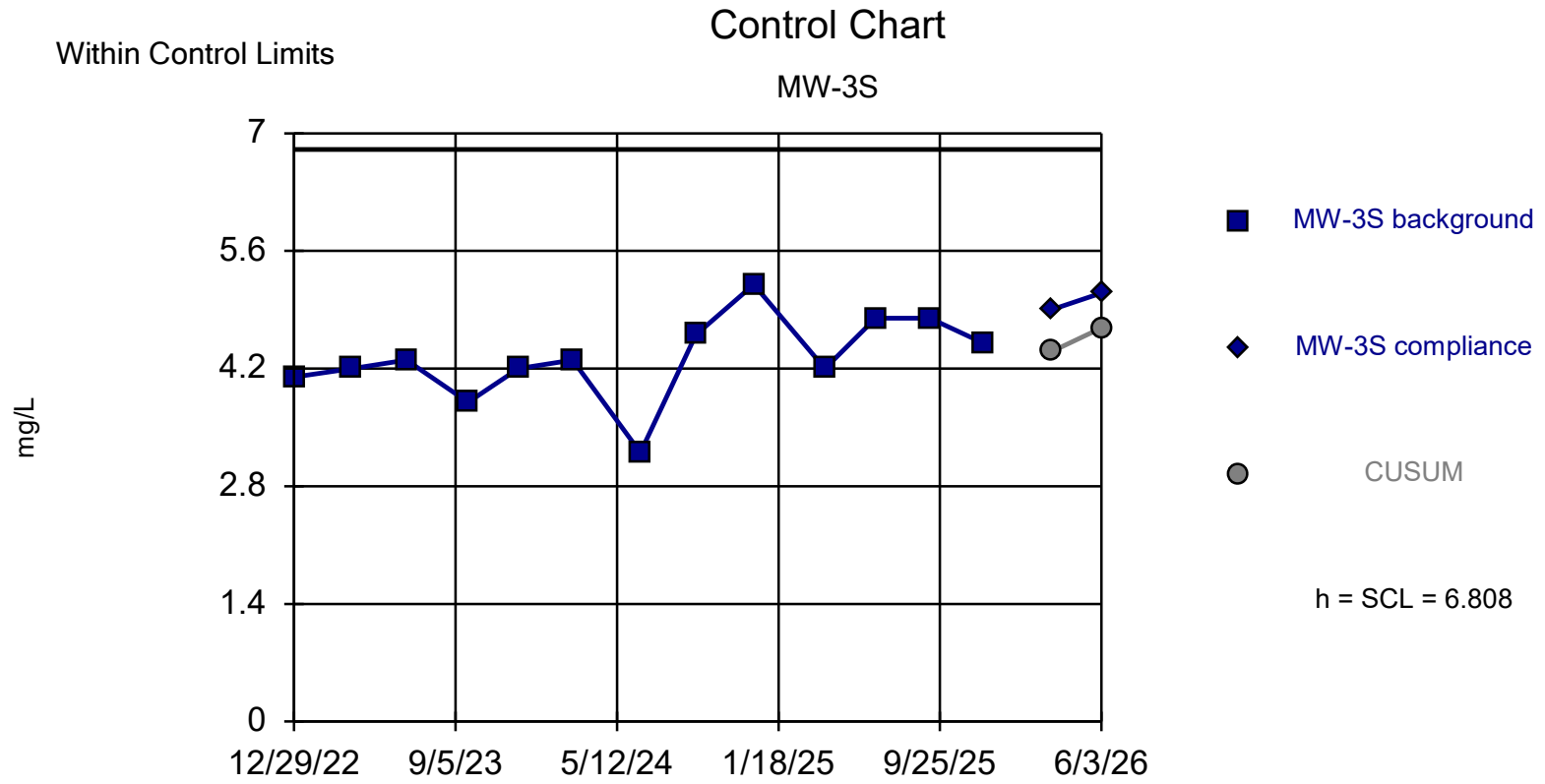

Background Data Summary: Mean=4.323, Std. Dev.=0.4969, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.866. Report alpha = 0.000458. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4

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

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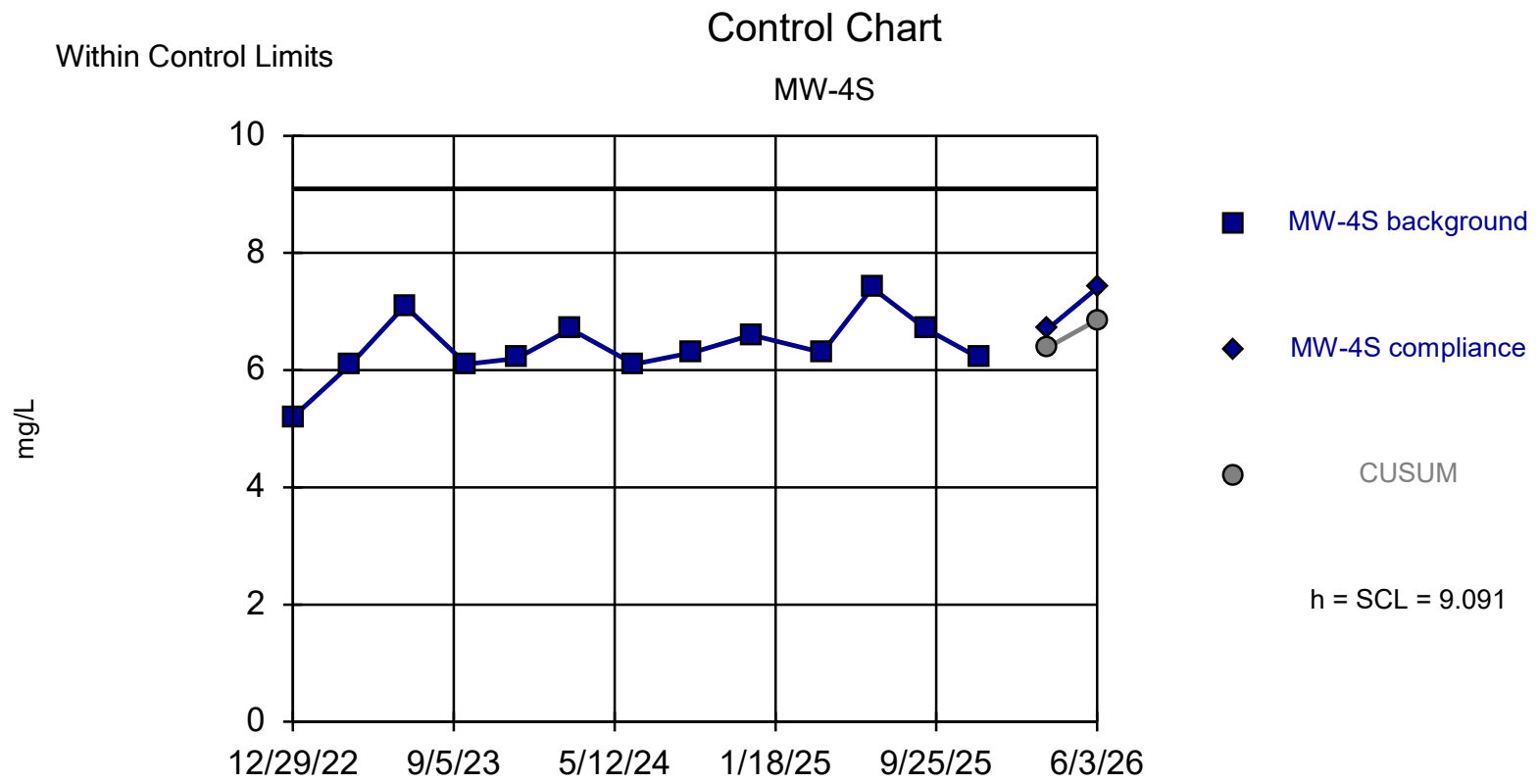

Background Data Summary: Mean=6.385, Std. Dev.=0.5414, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.866. Report alpha = 0.000458. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4

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

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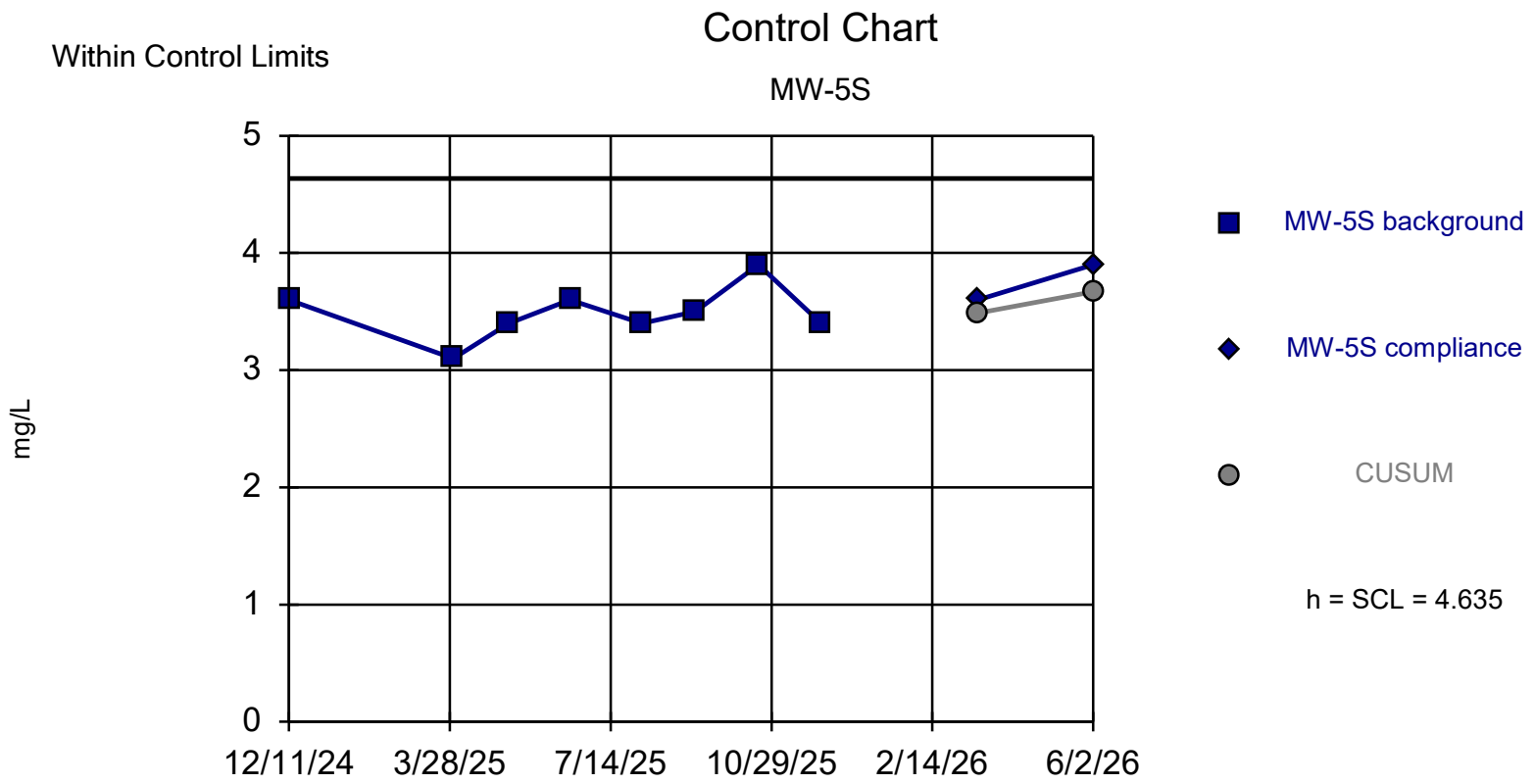
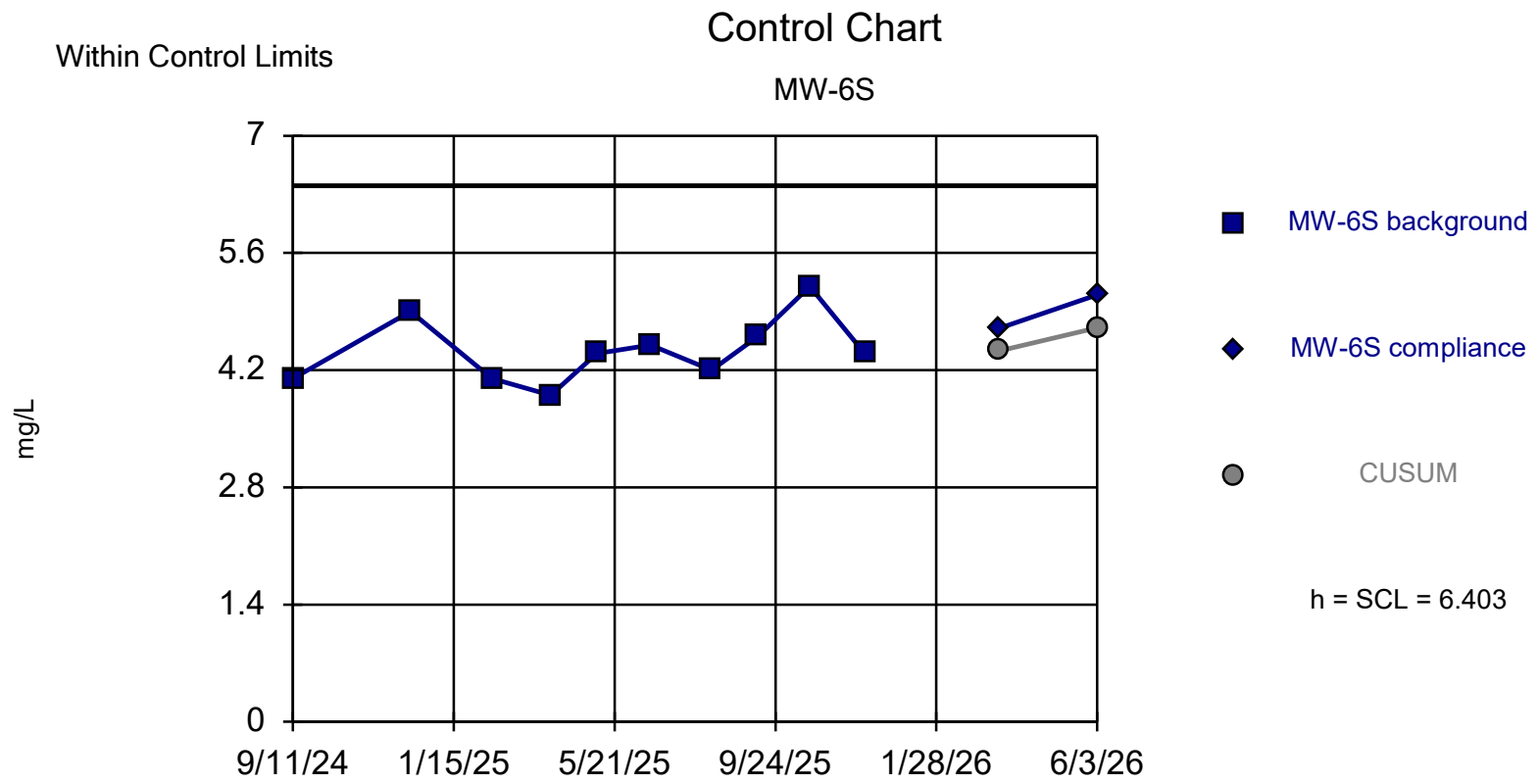
Within Control Limits



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 = 0.00204. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4

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



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 = 0.000998. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4

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

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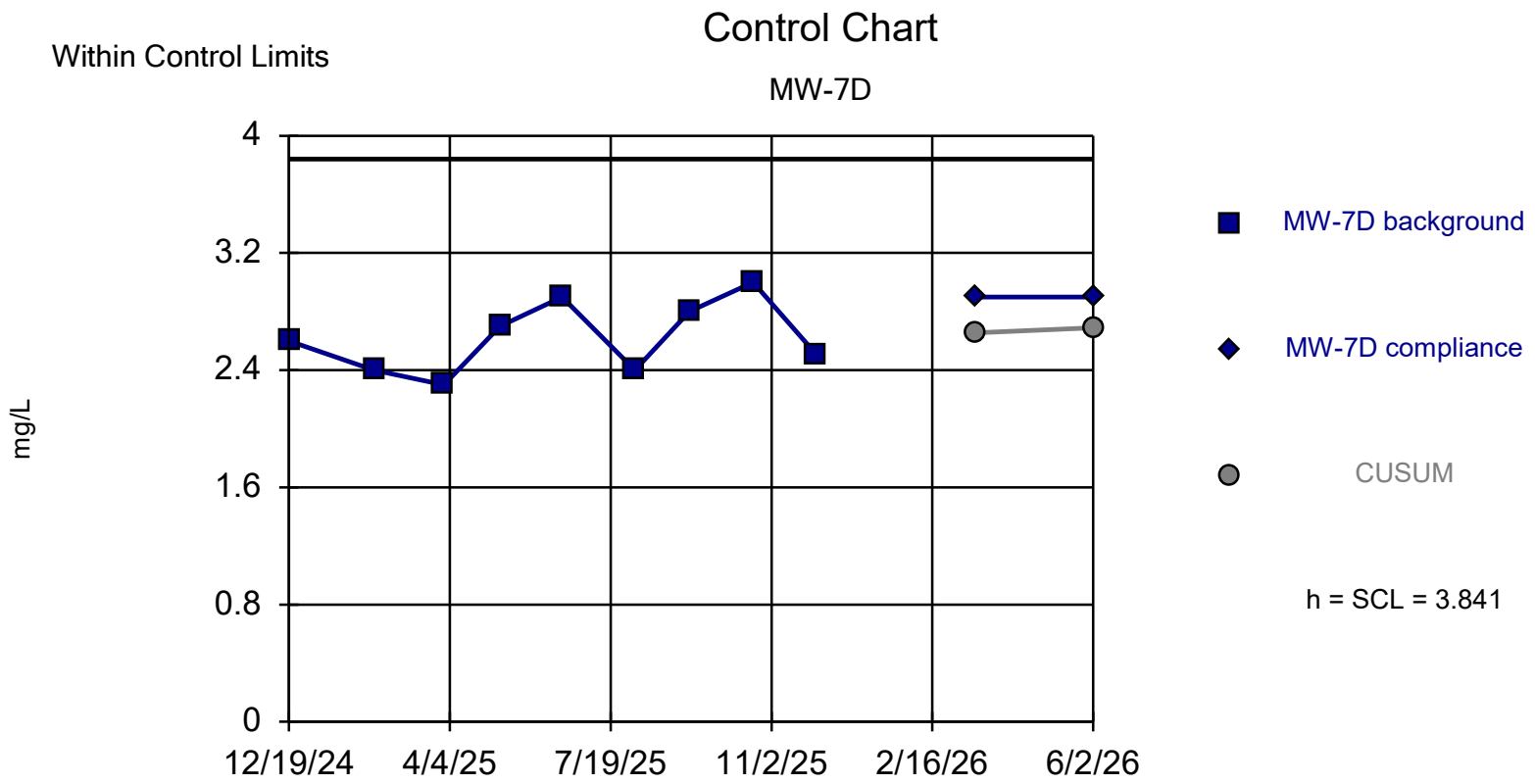

Background Data Summary: Mean=2.622, Std. Dev.=0.2438, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9506, critical = 0.829. Report alpha = 0.001364. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4

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

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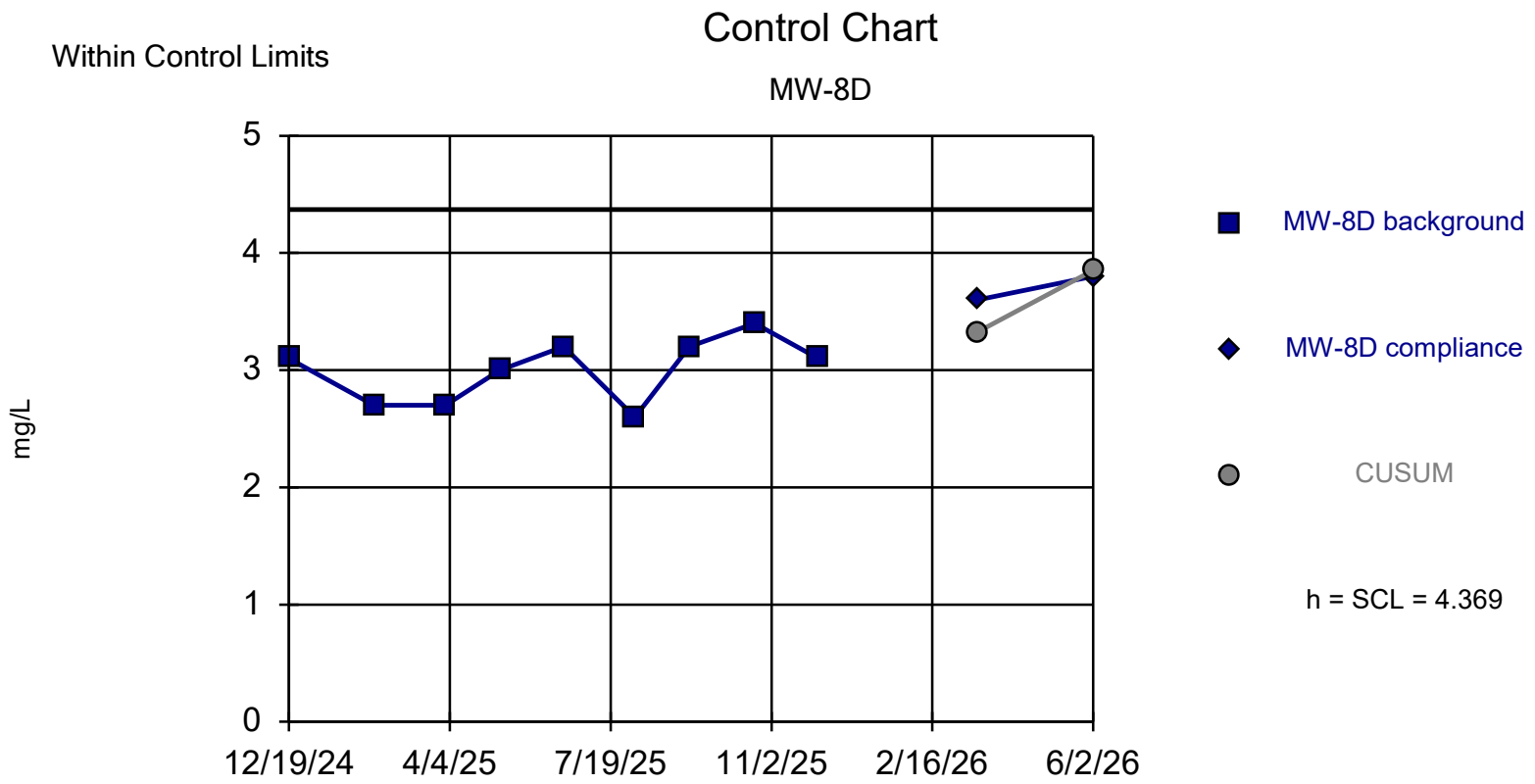
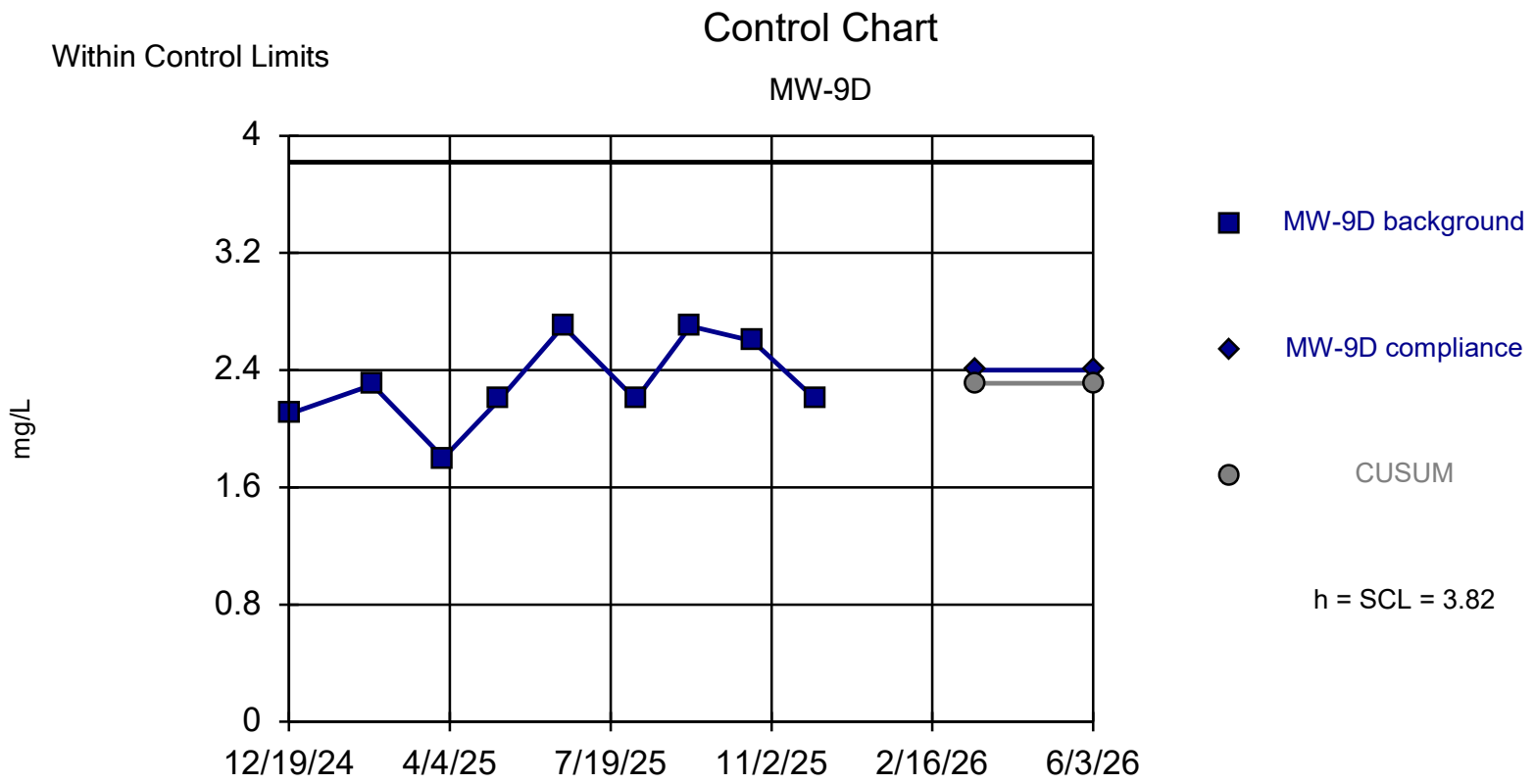
Within Control Limits



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 = 0.001364. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4

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 = 0.001364. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Potassium, Dissolved Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4

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

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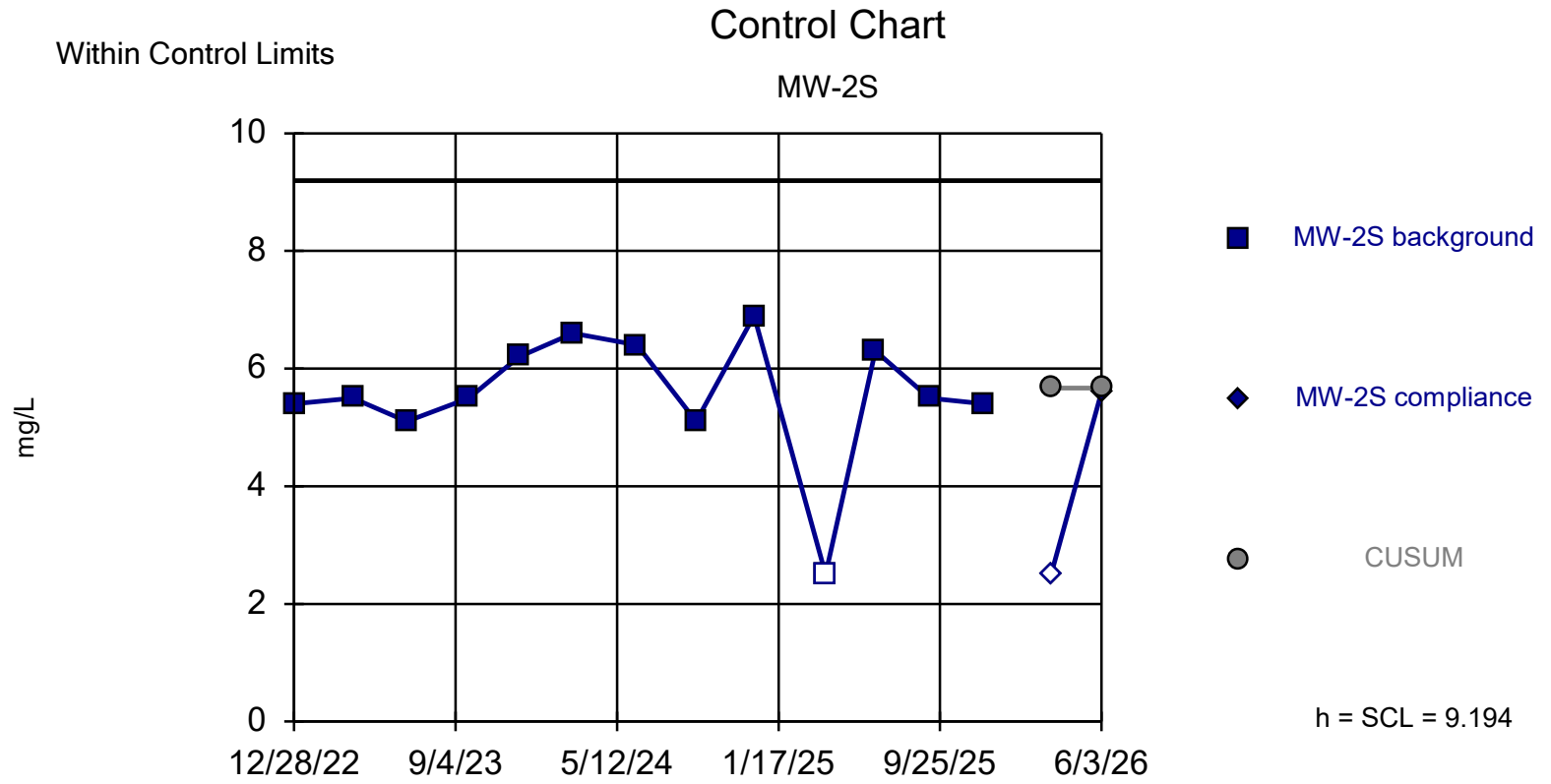
Hollow symbols indicate censored values.



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 = 0.00046. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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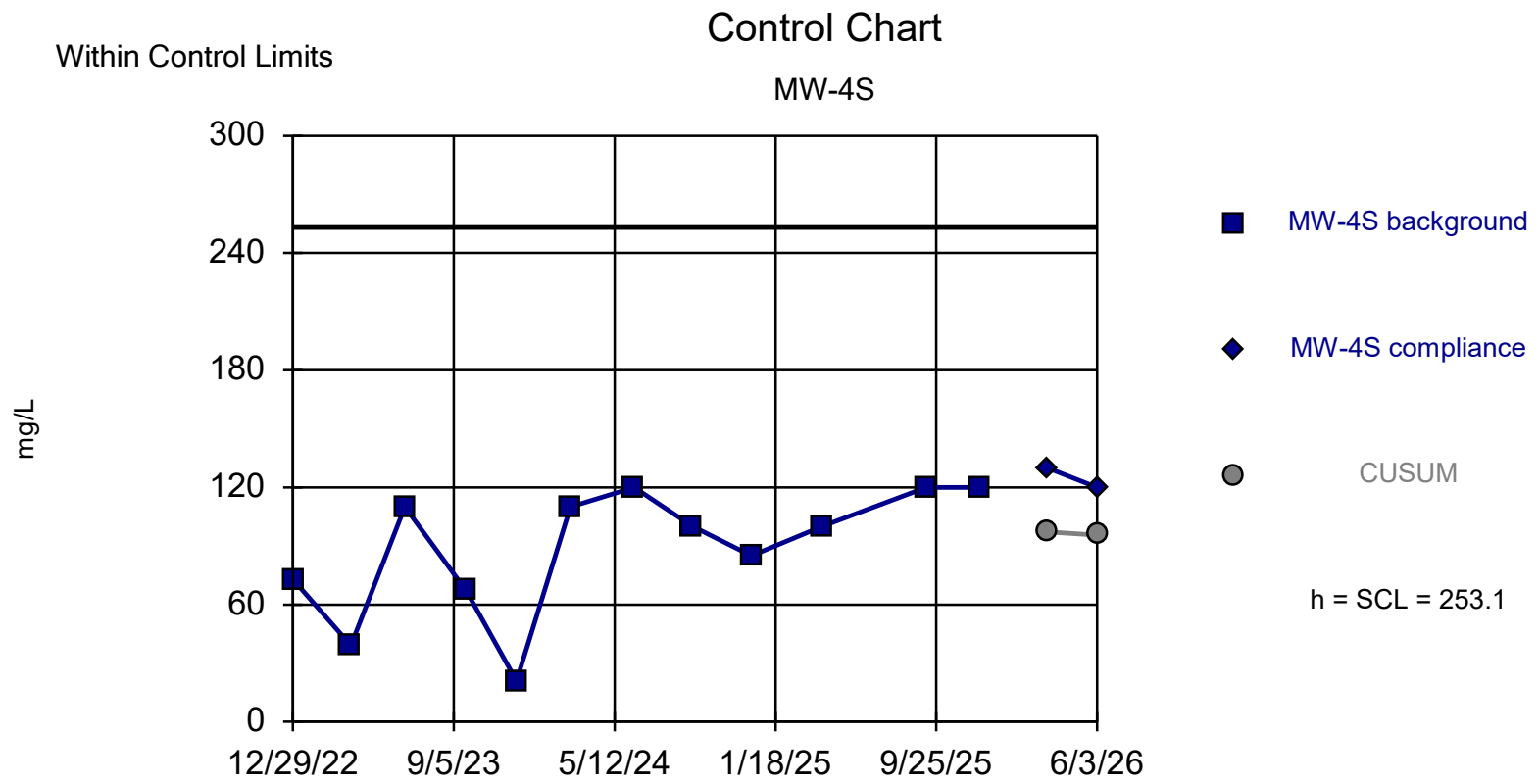

Background Data Summary: Mean=88.75, Std. Dev.=32.87, n=12. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.871, critical = 0.859. Report alpha = 0.00052. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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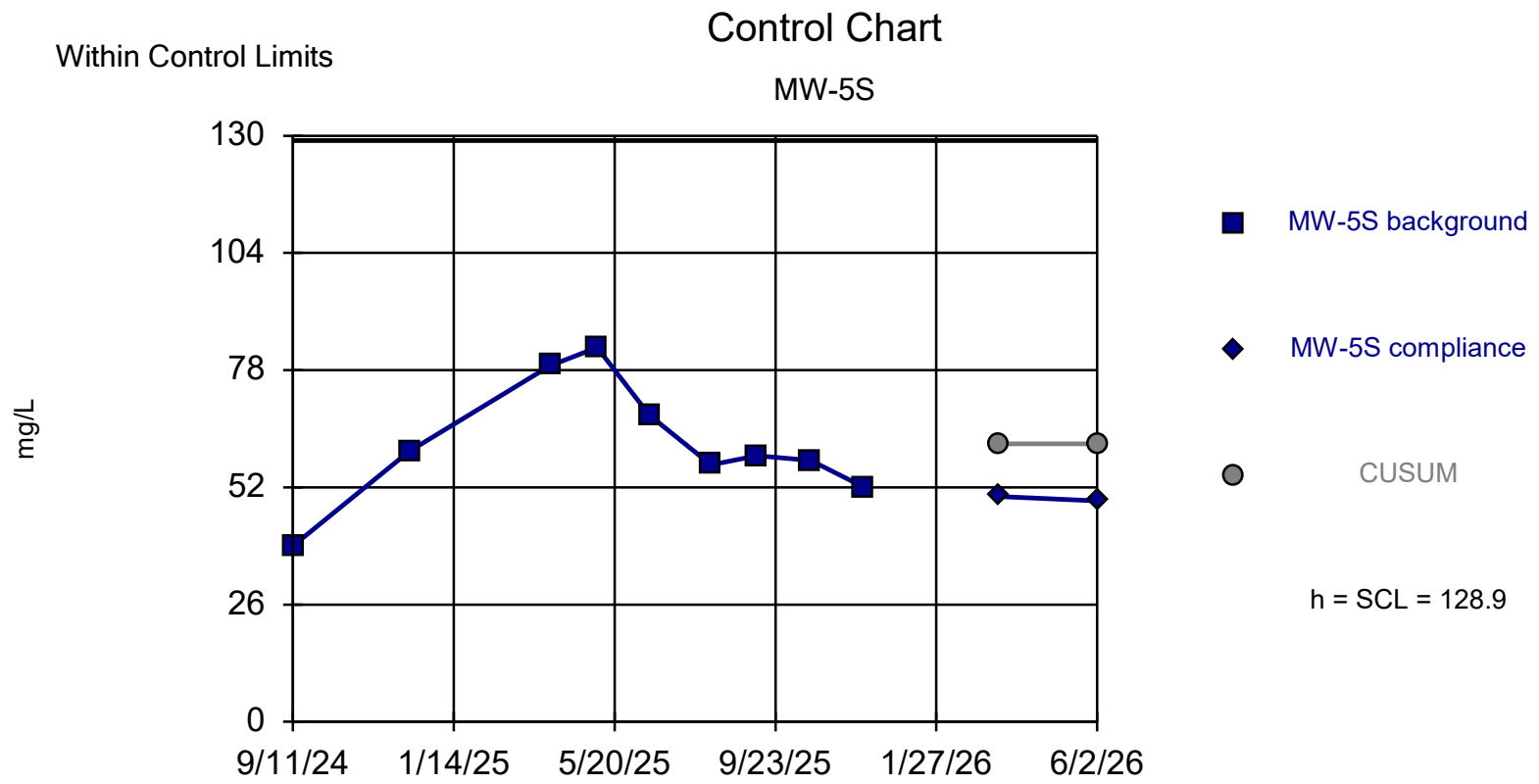

Background Data Summary: Mean=61.67, Std. Dev.=13.45, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9469, critical = 0.829. Report alpha = 0.001328. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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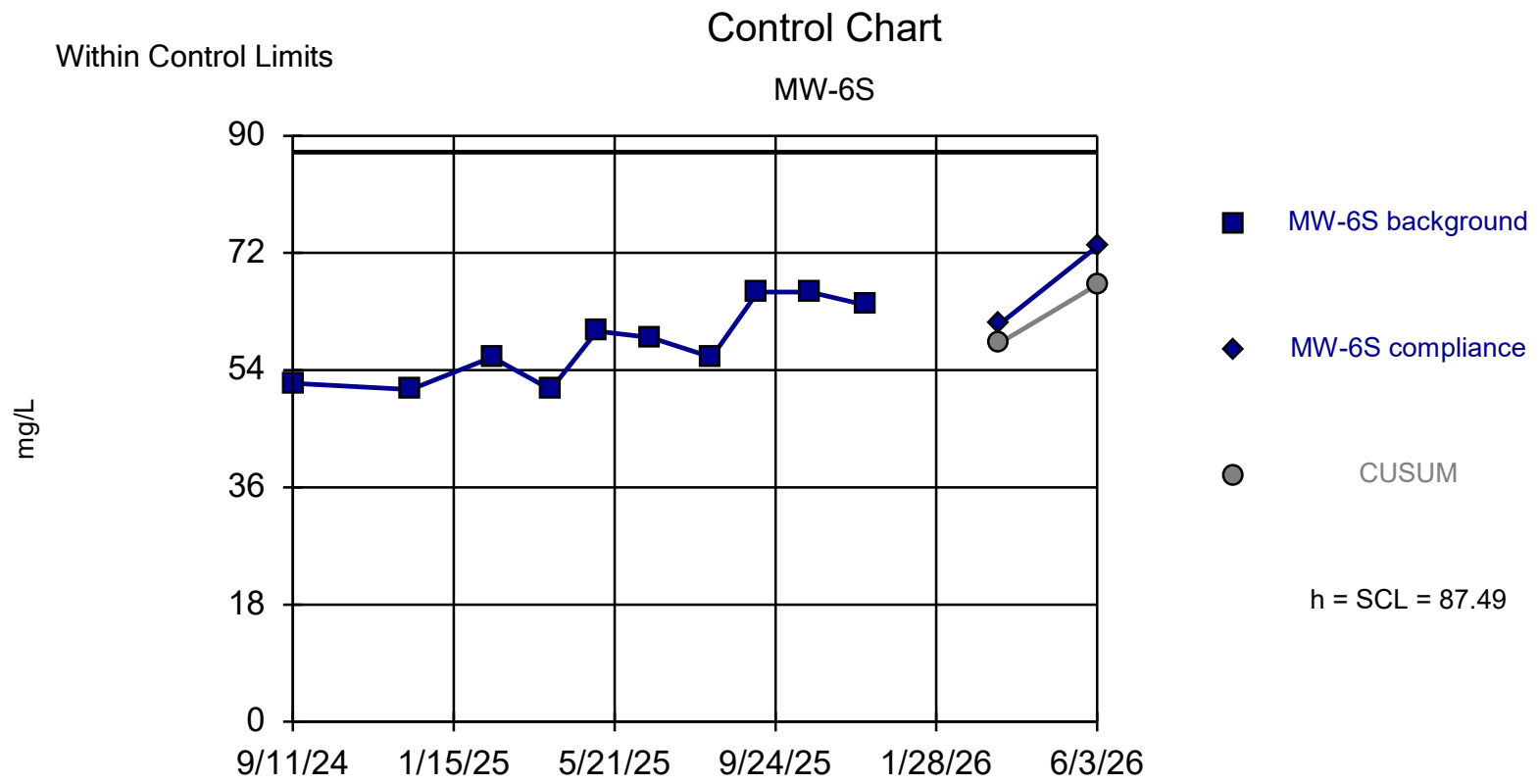

Background Data Summary: Mean=58.1, Std. Dev.=5.877, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8996, critical = 0.842. Report alpha = 0.000932. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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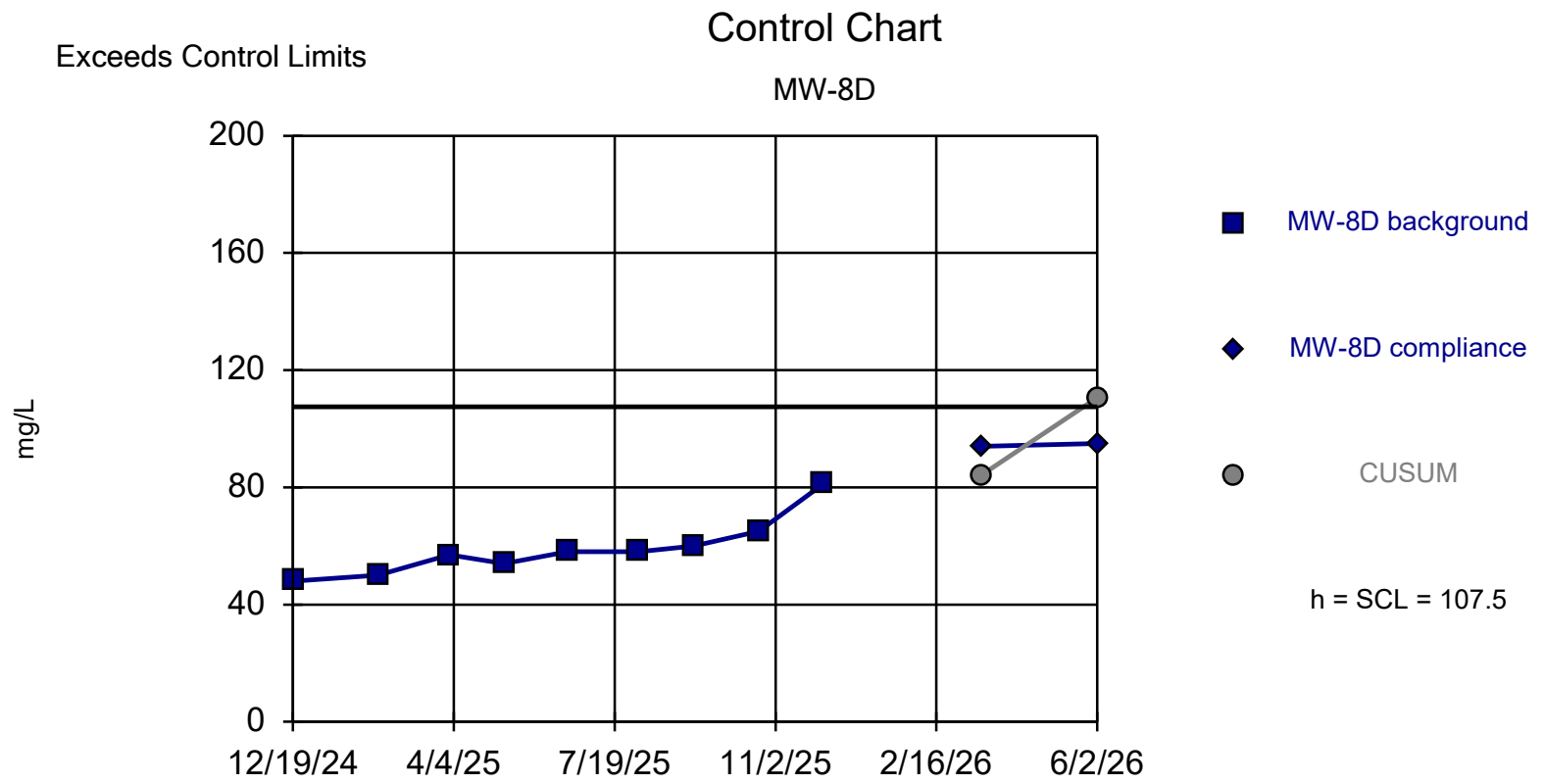

Background Data Summary: Mean=59, Std. Dev.=9.708, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8676, critical = 0.829. Report alpha = 0.001402. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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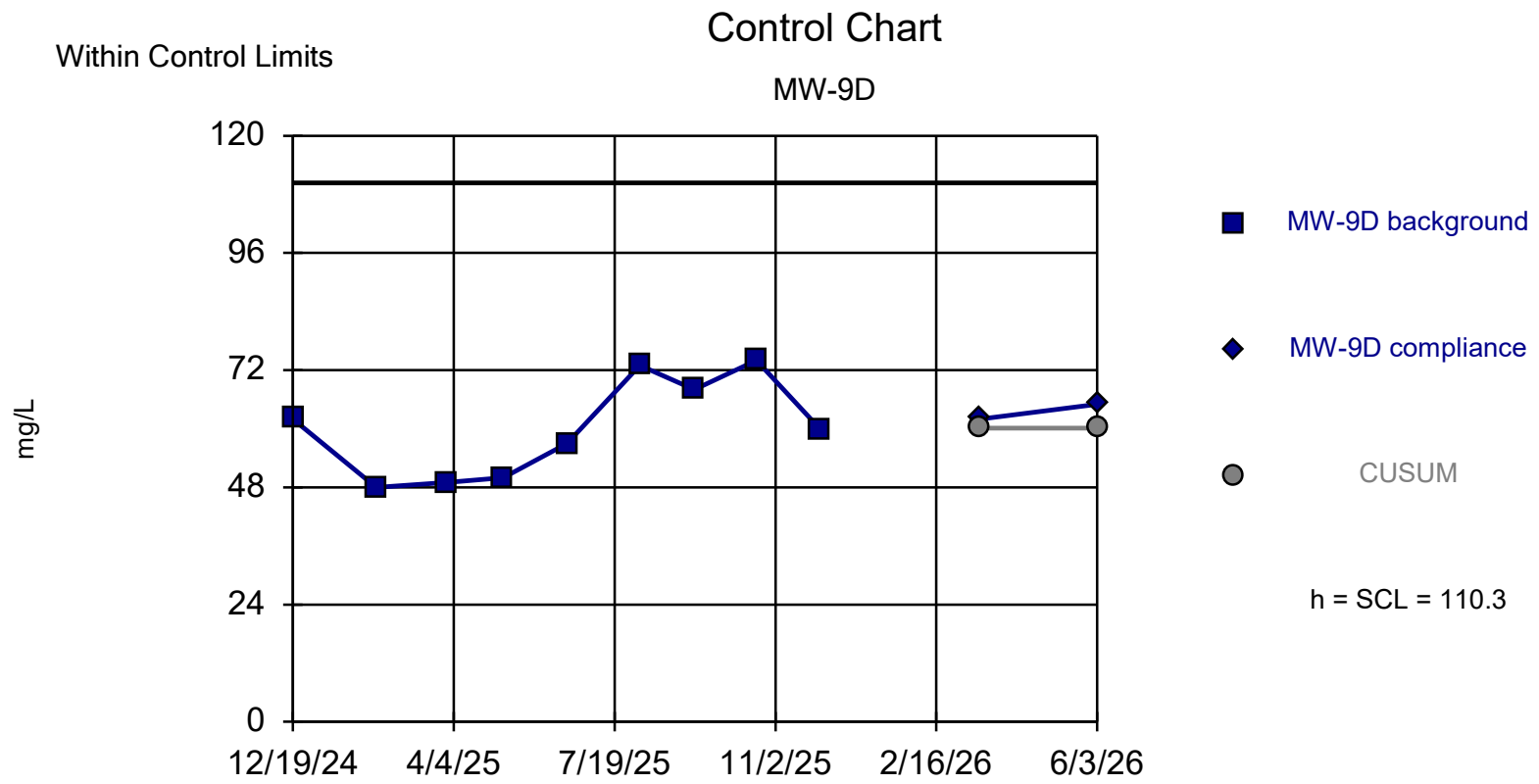

Background Data Summary: Mean=60.11, Std. Dev.=10.04, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9118, critical = 0.829. Report alpha = 0.001402. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Sulfate Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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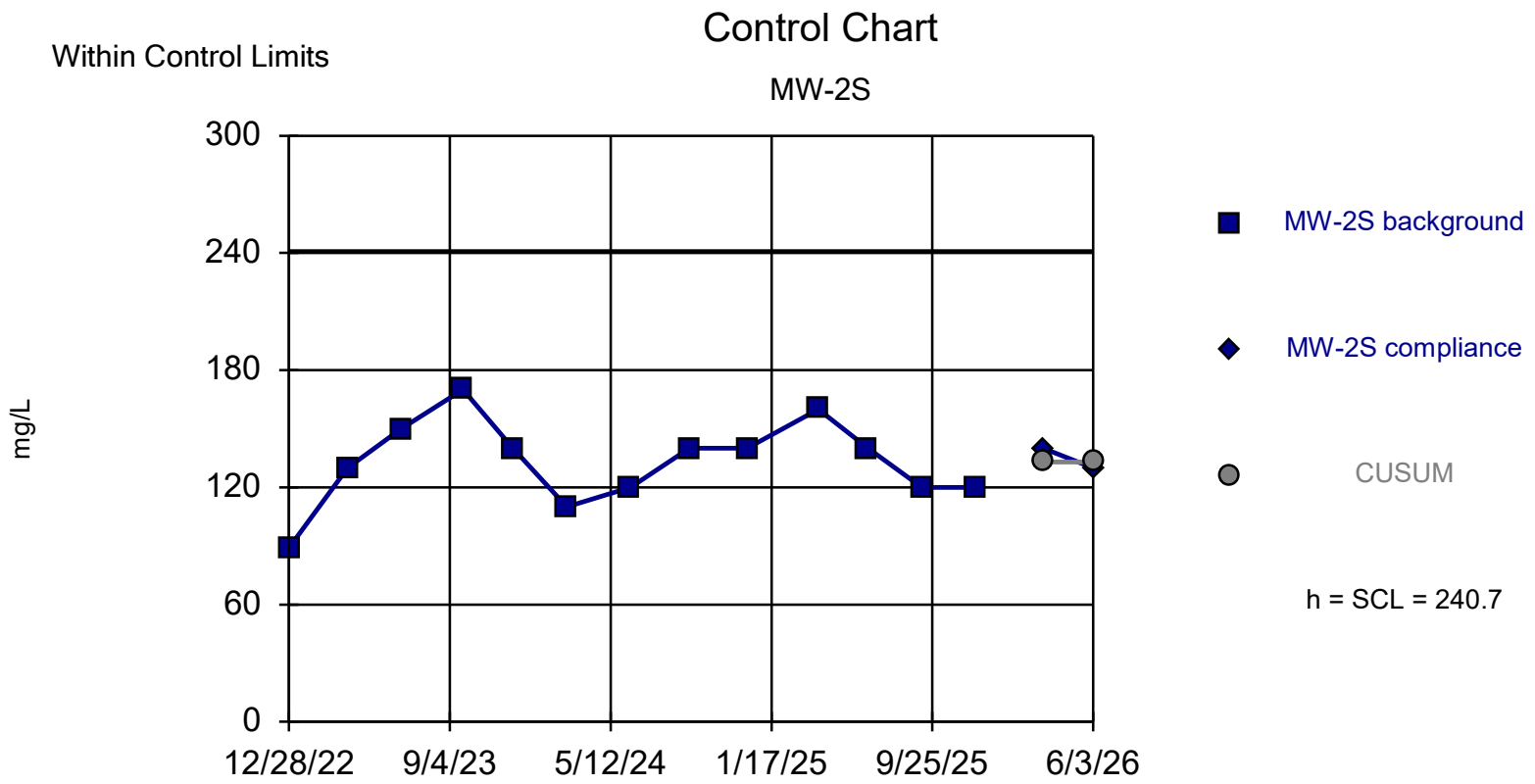

Background Data Summary: Mean=133, Std. Dev.=21.53, n=13. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9688, critical = 0.866. Report alpha = 0.00043. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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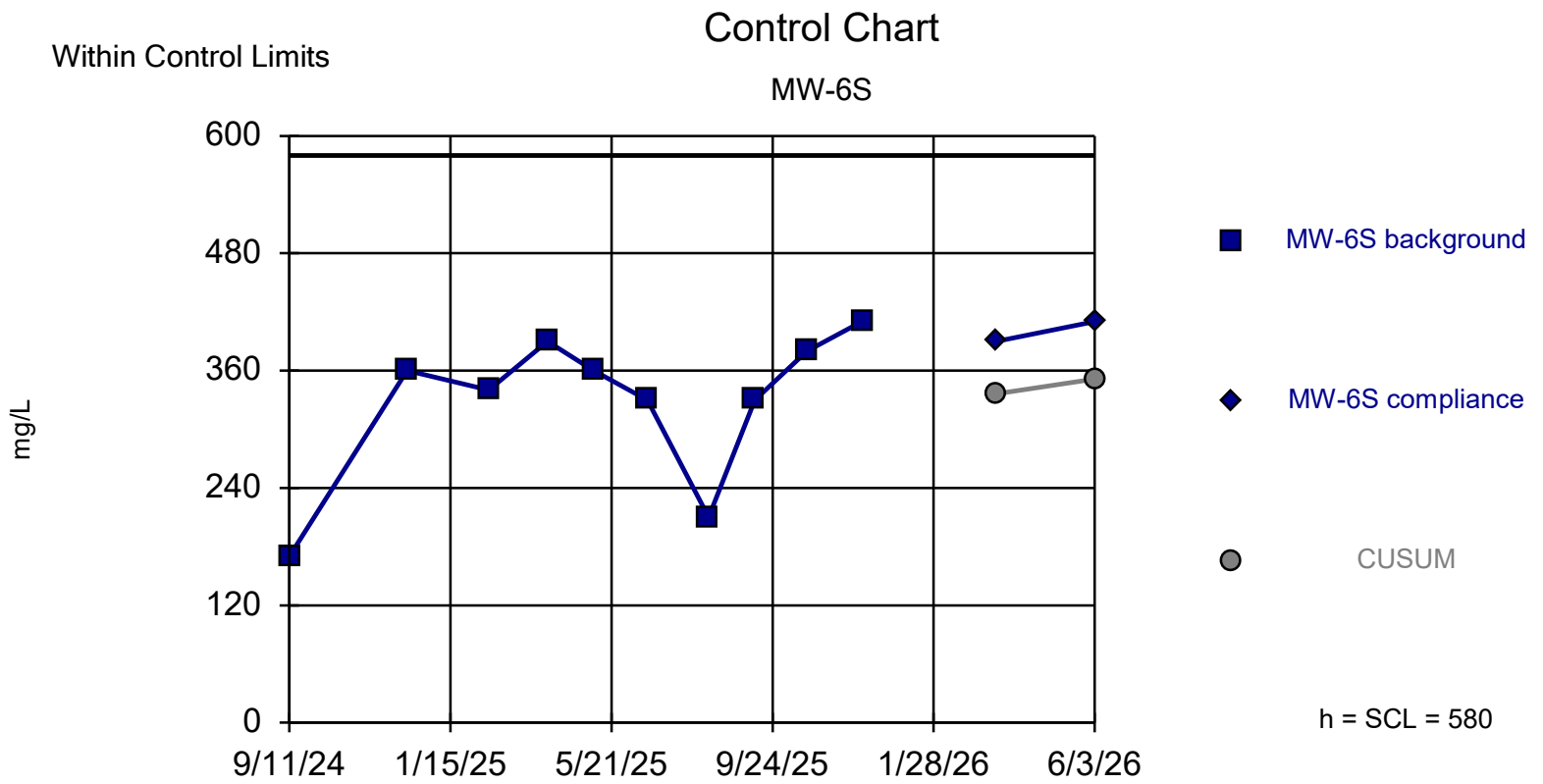

Background Data Summary (based on square transformation): Mean=113020, Std. Dev.=44674, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8856, critical = 0.842. Report alpha = 0.000932. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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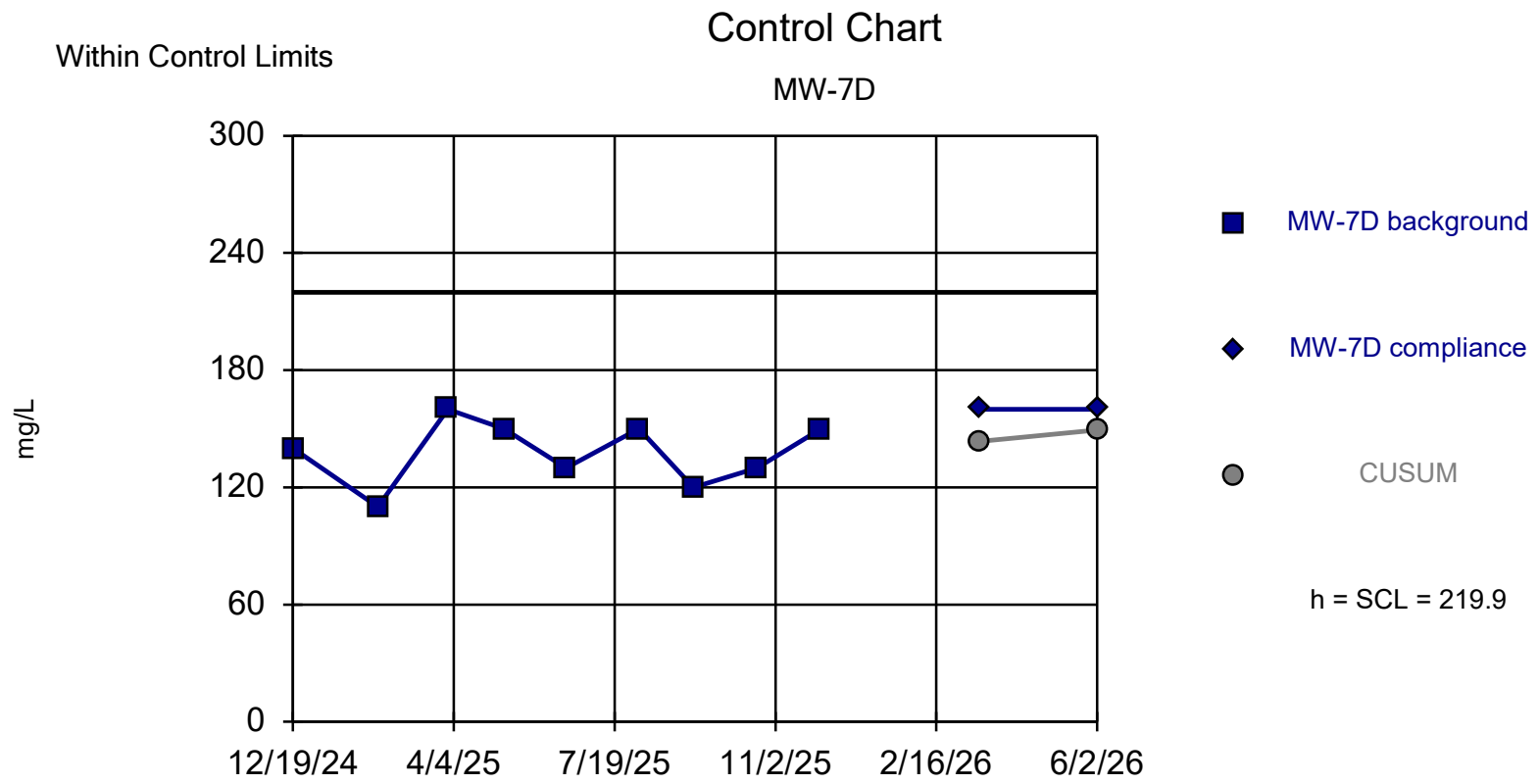

Background Data Summary: Mean=137.8, Std. Dev.=16.41, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9402, critical = 0.829. Report alpha = 0.001322. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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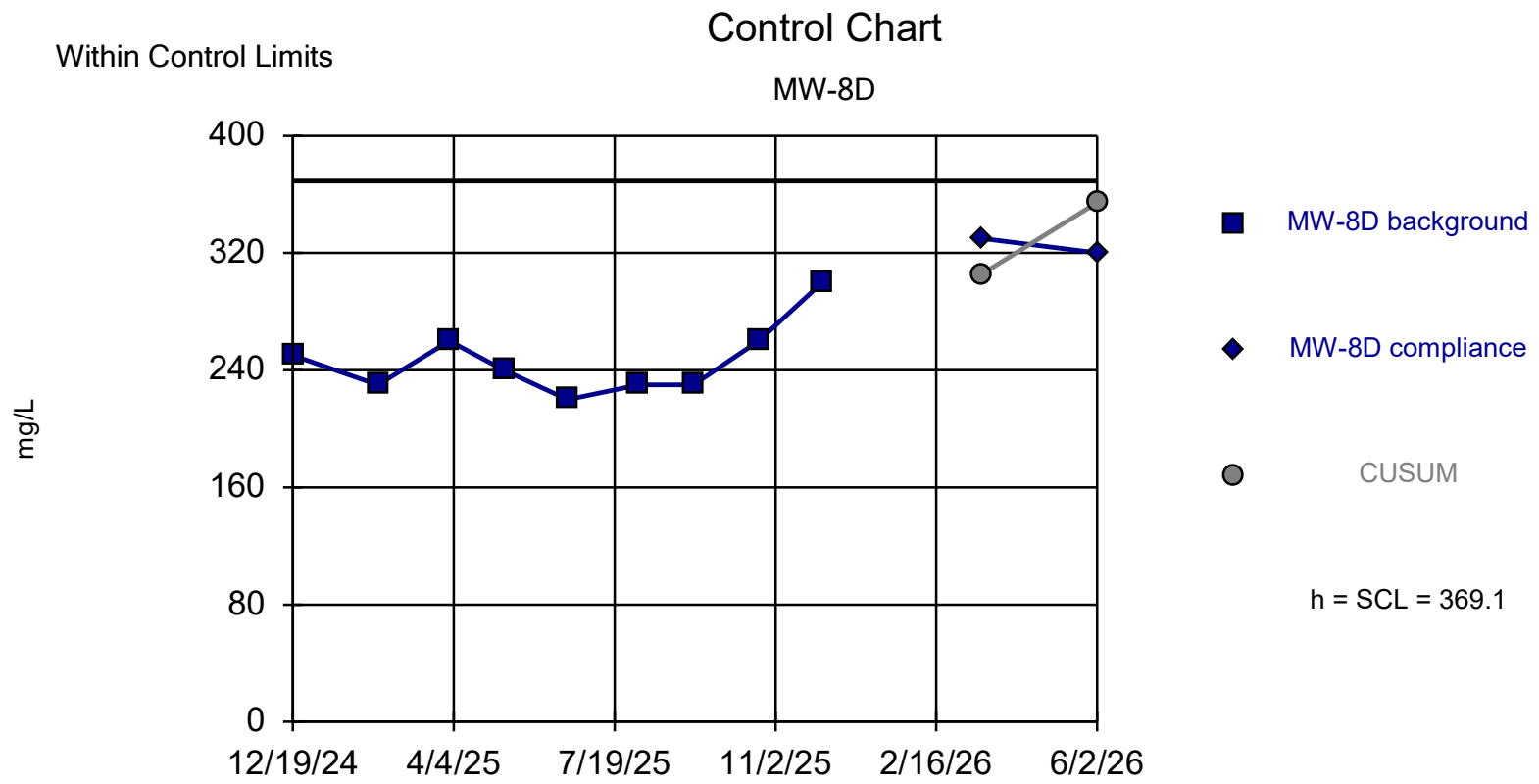

Background Data Summary: Mean=246.7, Std. Dev.=24.49, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.871, critical = 0.829. Report alpha = 0.001322. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 9/2/2026 3:22 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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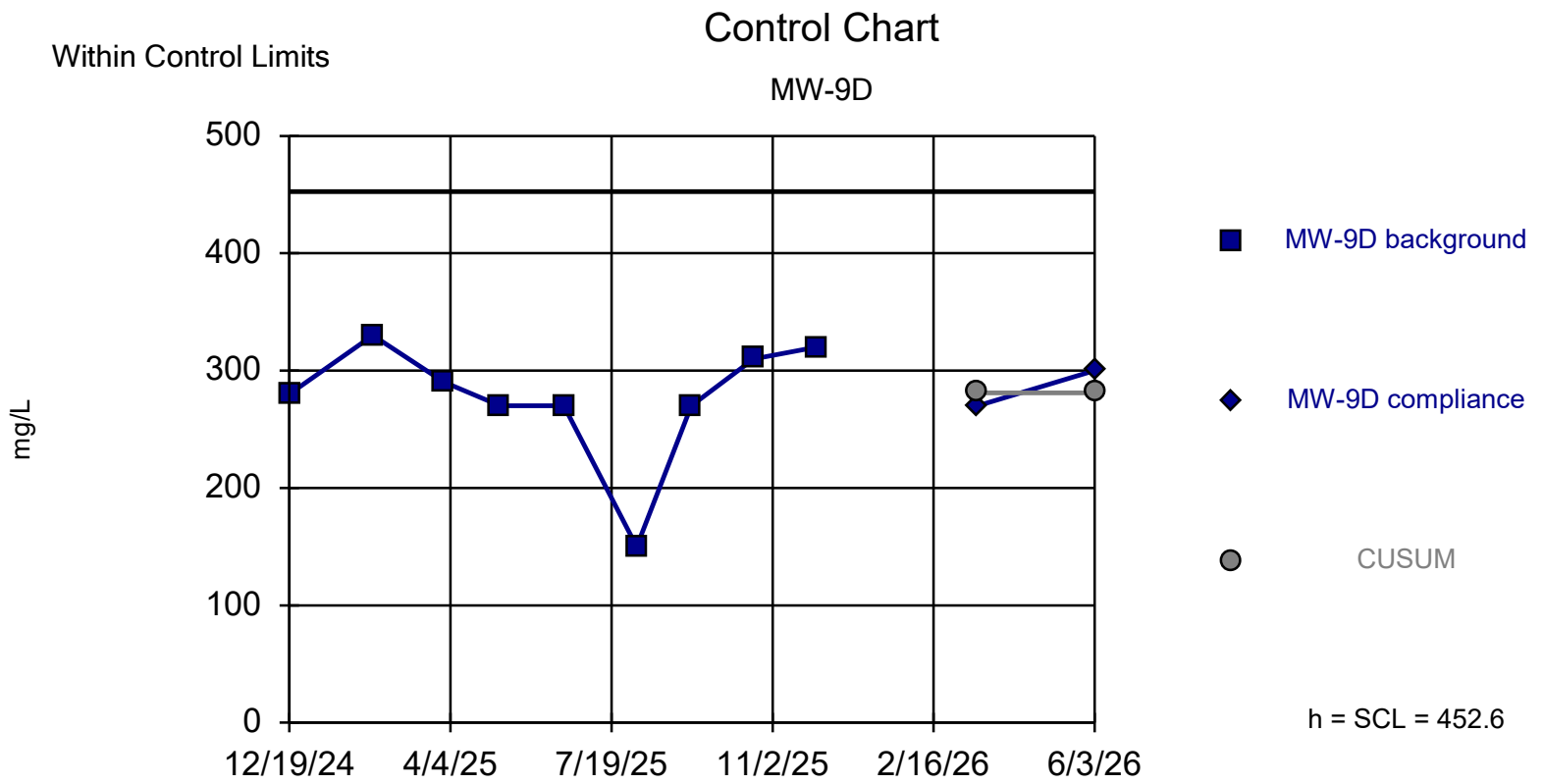

Background Data Summary (based on square transformation): Mean=79011, Std. Dev.=25160, n=9. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8624, critical = 0.829. Report alpha = 0.001322. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: TDS Analysis Run 9/2/2026 3:23 PM View: 2026-2027 UPLs & CCs 4Q22-4Q25

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

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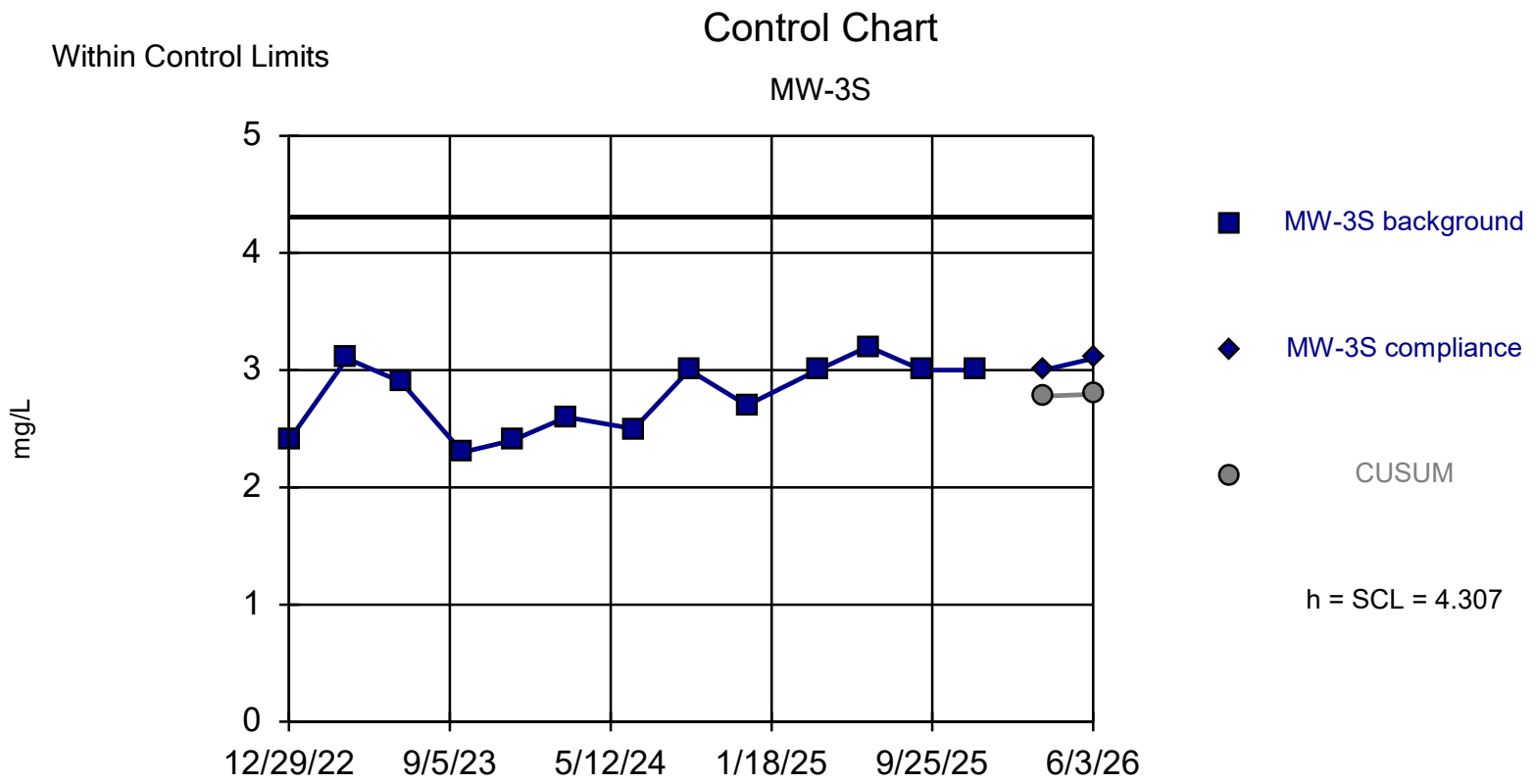
Within Control Limits



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 = 0.000416. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Total Organic Carbon Analysis Run 9/2/2026 3:23 PM View: 2026-2027 UPLs & CCs 4Q22-4

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

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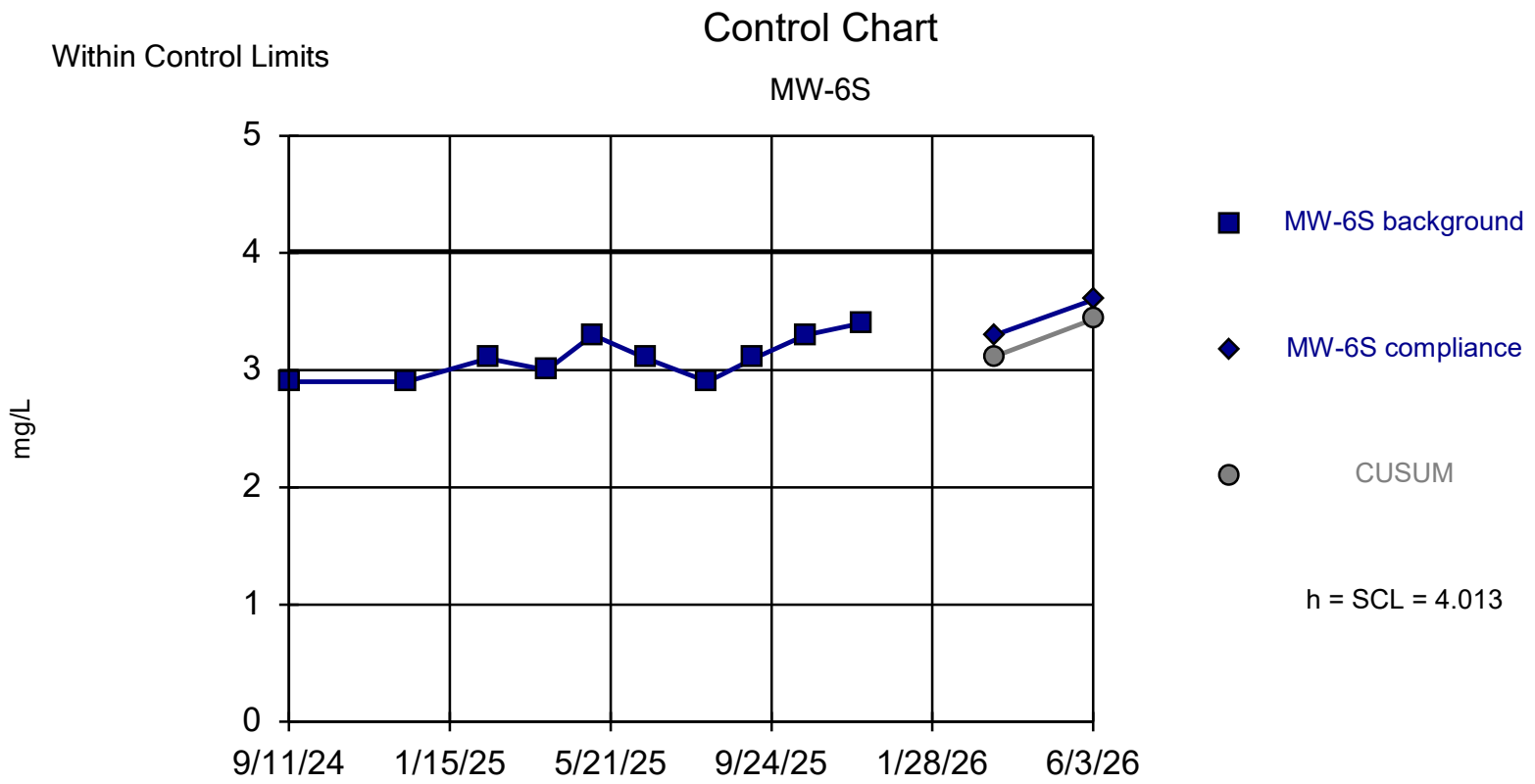
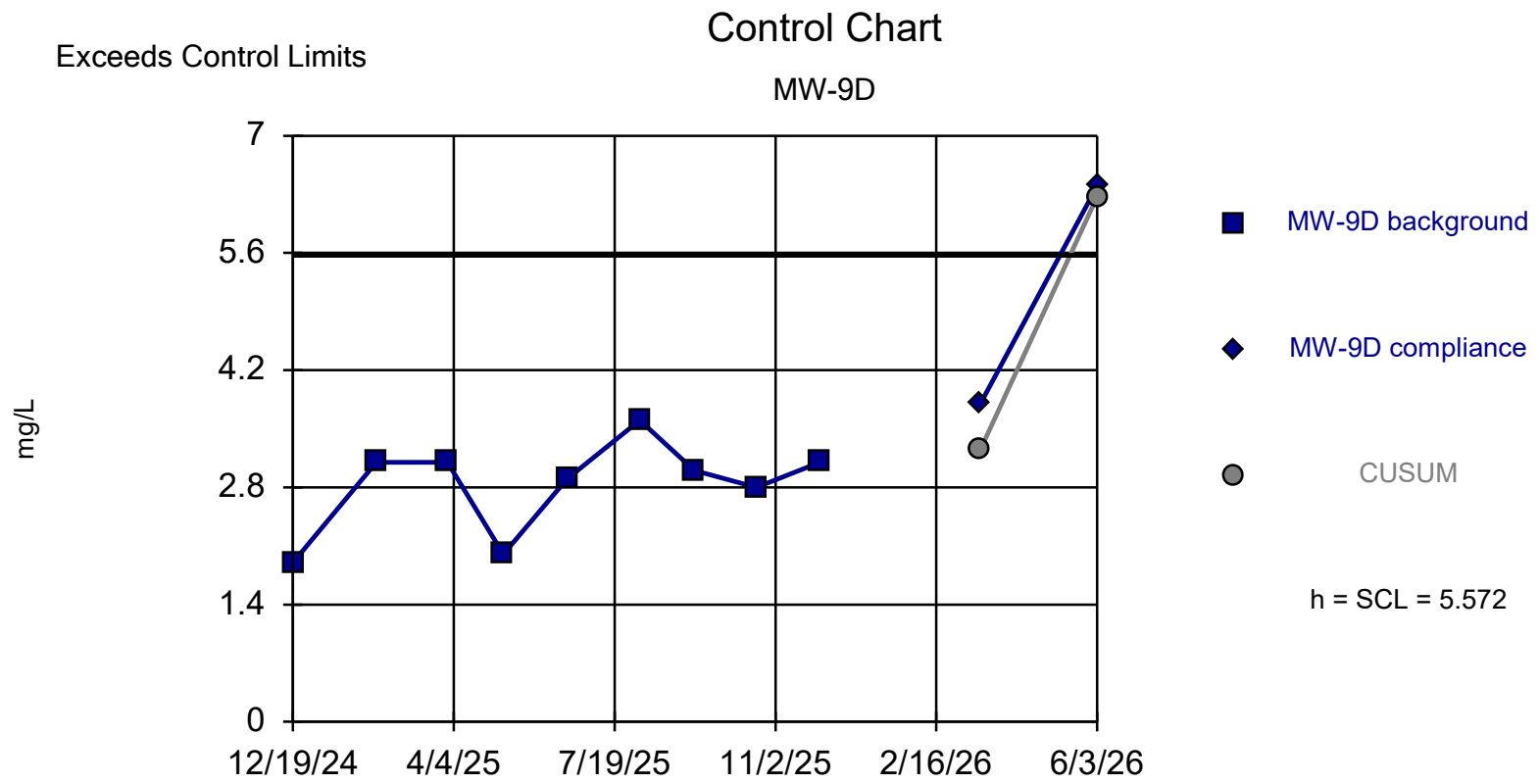
Within Control Limits



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 = 0.000936. Dates ending 12/3/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Total Organic Carbon Analysis Run 9/2/2026 3:23 PM View: 2026-2027 UPLs & CCs 4Q22-4

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 = 0.001312. Dates ending 12/2/2025 used for control stats. Standardized h=5, SCL=5.

Constituent: Total Organic Carbon Analysis Run 9/2/2026 3:23 PM View: 2026-2027 UPLs & CCs 4Q22-4

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