Loudon County Solid Waste Disposal Commission
May 21th, 2026
6:00PM
Loudon County Annex

Roll Call

Public Comment

LCSWDC:

- March 2026 Minutes
- Surveying Update
- Lumber from Borrow Pit
    - Tellico Village Woodworkers – Larry Gardner
- 1st Quarter Ground Water Report

Republic:

- Leachate Report
- Operations
- Engineering Report
- Airspace Utilization Report
- TDEC Inspection
- Host and Security Fee Letter
- LCSWDC Financial Information

Action Items

Adjourn

Loudon County Solid Waste Disposal Commission Meeting Minutes

Date: March 20, 2026
Meeting Type: Regular Commission Meeting
Location: Courthouse Annex Building, Loudon, Tennessee
Time: 6:00 pm EST
Chairman: Mr. Adam Waller

Attendees:

- **Commission Members Present:** Chairman Mr. Adam Waller, Ms. Monty Ross, Mr. Gary Hendrix, Dr. Steve Bartell
- **Commission Members Absent:** Mr. Andy Lawson
- **Legal Representation:** Ms. Elizabeth Murphy (not noted as present)
- **Republic Services:** Mr. David Hollinshead, Mr. Stoddard Pickerell
- **Public:** Mr. Chris Kirby, other attendees

CALL TO ORDER AND ROLL CALL

Ms. Ross conducted roll call confirming four commissioners present with Mr. Lawson absent.

PUBLIC COMMENTS

Chairman Waller noted no public comments were received in the packet. The meeting proceeded.

FEBRUARY 2026 MINUTES

Motion: Approve February 2026 minutes as presented
Motion by: Mr. Hendrix
Seconded by: Dr. Bartell
Result: Approved unanimously

HYDRAULIC LEAK INCIDENT - MARCH 16, 2026

Stoddard reported a street sweeper hydraulic leak on Monday. The operator parked on the roadside when the hydraulic line lost pressure. Less than five gallons of agricultural-grade hydraulic fluid spilled (below the 25-gallon reportable threshold). Republic contained the spill with oil dry, scraped the top four inches of affected area, backfilled with clean topsoil, and matted the area per TDEC recommendations. TDEC was contacted throughout the incident and approved the response actions.

MONTHLY PUMP REPORTS

Chairman Waller noted monthly pump reports were accidentally omitted from the packet. David Hollinshead acknowledged his mistake and committed to providing reports later this week.

EAST DITCH POND UPDATE

Stoddard reported the east ditch remains plugged pending toe drain installation. The toe drain installation is coordinating with waste relocation for the capping project. All survey information is verified, and they know the edge of liner location. The main goal before starting other work is installing the toe drain, which should reestablish flow back to cleanouts and modules one and two. Weather appears to be improving for construction to begin.

BORROW PIT REZONING UPDATE

Chairman Waller reported Planning Commission approved the rezoning on March 10th. County Commission held a workshop this week and will vote on the rezoning April 6th. Once approved, the commission can begin extracting soil from the borrow pit for closure activities.

Stoddard provided initial estimates of 700,000 cubic yards of soil available, with expectations of an additional 500,000 yards as the site develops. He requested guidance on handling lumber resources on the property, which are owned by the Solid Waste Commission. Options include marking valuable hardwoods, having an ecologist identify species, or processing everything into firewood or mulch. Chairman Waller stated the commission will decide by the April meeting.

FY 2026 AUDIT

Chairman Waller noted FY 2024 and FY 2025 audits are with the state. He recommended engaging Ben Vance again for the FY 2026 audit given his knowledge and history with the facility over the past few years, despite health issues earlier in the year.

Motion: Engage Ben Vance to complete FY 2026 audit
Motion by: Ms. Ross
Seconded by: Mr. Hendrix
Result: Approved unanimously

SECOND SEMIANNUAL 2025 GROUNDWATER MONITORING REPORT

Monitoring Well Network Adequacy

Ms. Ross asked about monitoring well adequacy. Stoddard explained the current network is "a little bit skinny" and doesn't capture lateral, cross-gradient, or upgradient features adequately. MW-4R has a history of being dry, and a temporary well (TMW-8) installed in 2024 also proved dry due to bedrock. New wells will

be added with the next permit application as part of the 2022 amendment permit expansion covering an additional 19 acres within the existing 152-acre footprint.

Groundwater Flow Characterization

Dr. Bartell questioned the history and quality of groundwater flow characterization. Stoddard explained groundwater gradient hasn't changed significantly—it follows topographic contours and flows toward the Tennessee River and streams. They've identified high gradients from Tennessee National (localized due to proximity to Tennessee River) and similar features near Monterey Mushroom. These cross-gradient influences will be captured in updated groundwater monitoring plans with the part one and part two permit applications.

Well Maintenance Issues

Ms. Ross raised concerns about well maintenance issues referenced in Miss Plout's general comments, including well three needing to be raised with no cap, lock, or lid present, and wells 4R, 5, and 7 requiring access improvements and signage updates. Stoddard confirmed these issues are being addressed and coordinated with the permit process to resolve loose ends before submitting applications to the state.

Increasing Trends and Low pH

Ms. Ross expressed concern about "increasing trends" noted in the report and particularly low pH of 4.87 in well two, which is very low for Tennessee soils. Stoddard explained they entered assessment monitoring in 2024, which added constituents and lowered thresholds. While they haven't received TDEC's assessment review yet, they're addressing requirements including additional monitoring points and increased sampling cadence. They sampled in late February for Q1 and will present results at the April meeting. They've added Piper and Stiff plots to better understand groundwater composition changes beyond seasonal variations.

Bicarbonate Measurements and Pre-Subtitle D Landfill

Dr. Bartell questioned whether bicarbonate-dominated reference water was actually measured or calculated. Stoddard explained it's the area standard for clean groundwater, manipulated based on site-specific leachate concentrations. He noted the facility has two classes of landfills—a pre-Subtitle D landfill (pre-1994) with only soil and clay liners and no geosynthetics, and the active landfill. Their next step is determining what's being influenced by the pre-Subtitle D hill versus the active hill, though he cannot speak to the integrity of the old soil and clay liner.

PFAS Monitoring

Dr. Bartell asked about PFAS monitoring. Stoddard reported Tennessee has not yet issued PFAS regulations. Wastewater treatment plants have started PFAS monitoring. Knoxville Utility Board indicated the landfill will be subject to at least one annual PFAS leachate sampling event. North Carolina already has full PFAS requirements, so Tennessee is likely not far behind.

REPUBLIC OPERATIONS REPORT

Tire Shredding Initiative

David Hollinshead reported visiting a landfill to evaluate a new tire shredding company competing with Liberty in Tennessee. The compact tire shreds (approximately 1.25 inches) could be used on-site in the working face and on interior landfill roads for mud reduction and traction. Republic will request additional information from the company and state requirements before moving forward.

TDEC Inspection

Chairman Waller noted a March 5th TDEC inspection resulted in no findings and no NOVs.

Engineering Update

Module Operations: Stoddard reported modules one and two are actively filling and almost completely floored in. C&D and sludge waste still goes to the top deck to avoid interfering with the leachate collection system. They expect 100% of waste going to new cells by April. A hard-surface tipping pad constructed as a road extension into module one allows trucks to dump on hard surface while equipment manages waste placement to protect the liner. They're exploring using tire shred material to extend the tipping pad without creating mud trackout. Eventually they'll need a mid-slope road as the cells fill higher.

Capping Project: The capping project began in October with waste relocation. Winter weather slowed progress but they kept the contractor busy. The toe drain is the primary focus—a 1,000+ foot French drain tying into every cleanout to redirect liquids back to the west slope before geocynthetics lock everything in, preventing seepage into the east ditch. The east perimeter ditch work coincides with the capping project, including complete renovation of pond two with a four-bay construction. A sump pump failure at the front of the property in early March slowed progress but was completely replaced the first week of March.

Borrow Area: Initial conservative estimates are 700,000 cubic yards with expectations of an additional 500,000 yards. Rezoning from A1 to CFD focused on adding restrictions for buffers rather than creating legacy situations. The commission needs to provide direction on tree and lumber resources.

Road Paving: The initial 1,000 feet of paving past the wheel wash is complete with catch basins and speed bumps installed. The catch basins filled and were backed out (vacuumed) earlier this month. The middle catch basin near the wheel wash was very wet, capturing significant runoff, while the first (dry slurry) and third (about half full) showed different patterns. Speed bumps are tiered to direct water toward catch basins. A small grate section on the shoulder allows vac truck access without disrupting traffic.

Long-term Paving Plans: Stoddard's March 2025 conceptual design proposed paving the entire stretch and moving the scale house. He dislikes the current wheel wash and believes it should be above-ground with ramps. The initial 1,000 feet was a good-faith demonstration and litmus test. While conditions improved, the problem isn't fully addressed. Next steps include an additional 1,000 feet (possibly 3,000 feet total to the pavement end), relocating scales next to the landfill to eliminate traffic on Highway 72, and moving the convenience site on top of the old pre-Subtitle D hill. Stoddard secured $550,000 approval last year and has $1.2 million in next year's budget. He hopes to complete more paving to better apply rock on top of the hill, install a new scale house, and potentially a new wheel wash within the next two years for "full beautification of the front of the landfill."

Mr. Hendrix asked about formal schedules. Stoddard explained budgets are approved annually but cannot guarantee complete project completion in any single year—only that something will be done within the calendar year.

Spring Sampling: Q1 spring sampling showed lower concentrations in the spring compared to December, which Stoddard attributes to seasonality and more water in the system. They'll have a full year's analysis by year-end with Q2 and Q3 samples.

Jurisdictional Features: Stoddard provided the commission with approved jurisdictional determination and hydrological determination documents covering both the borrow area and the actual landfill property in combined documentation. Chairman Waller confirmed Chris Cline has it and will distribute to commissioners.

New Leachate Tank: A new leachate tank is scheduled for July-August installation behind the maintenance shop (not moving the current tank). The focus is tanker accessibility—allowing tankers to access the shop area without navigating the entire landfill, particularly when the POTW turns off their system for improvements.

Miscellaneous Items: The brush pile is slated for grinding in June, potentially incorporating Tennessee National's mulch as well, which may push the timeline back depending on coordination. A seeding contractor prospected the site today for seeding the entire interior slope. Once the cap is completed on south and east slopes, those will be completely seeded, and the entire interior slope will be seeded first of next month to create "a little bit more of a meadow as opposed to a dirt pile."

PUBLIC COMMENT - CHRIS KIRBY

Mr. Kirby raised multiple concerns about the borrow pit development:

Property Protection Concerns: He questioned how Republic will protect neighboring properties from the elevation change created by excavating 700,000 cubic yards. He stated the contract documents don't match current property geography and expressed concern about a potential 100-foot drop-off affecting his property and the seven-acre parcel the commission plans to sell.

Stormwater Issues: Mr. Kirby stated the 50-foot berm approved by the commission (when he was out of town) is pressing water down the valley into his property, creating multiple issues that need attention and correction.

Contract Geography Discrepancy: He asserted that contract boundaries and geography don't match what's shown on the Tennessee taxpayers website and questioned whether the commission is negotiating a third contract amendment since "the numbers aren't adding up" and "the boundaries don't add up."

Property Value Impacts: Mr. Kirby stated his property values and neighboring property values depend on these issues being resolved correctly, warning that "all these people are going to take a whooping on their property" when development occurs.

Stoddard's Response: Republic has a grading permit and construction general permit they must apply for to develop this property. Part of that is based on the ability to manage stormwater and grade effectively so stormwater does not leave the property. Republic is not digging 110 feet—there may be a 100-foot difference based on highest point to lowest point elevation change.

Chairman Waller did not address Mr. Kirby's concerns further and called for adjournment.

March 2026 Action Items

Item	Responsible Party	Target Date	Status
Provide monthly pump reports	David Hollinshead	This week	Committed
Complete toe drain installation	Republic Services	ASAP (weather permitting)	In progress
Provide direction on borrow pit lumber resources	Commission	April meeting	Pending decision
Present Q1 groundwater sampling results	Stoddard Pickerell	April meeting	Committed
Distribute jurisdictional determination documents	Chairman Waller/Chris Cline	ASAP	Pending
Complete well maintenance corrections (MW-3, 4R, 5, 7)	Republic Services	Before permit submission	In progress
Request information from tire shredding company	David Hollinshead	Tomorrow	Committed
Grind brush pile (potentially with TN National mulch)	Republic Services	June (tentative)	Scheduled
Seed interior slopes	Republic Services	Next month	Scheduled
Install new leachate tank behind maintenance shop	Republic Services	July-August	Scheduled

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Next Meeting
Date: April 17, 2026
Time: 6:00 p.m.
Location: Loudon County Annex Building

Anticipated Discussion Items:

- County Commission borrow pit rezoning vote results (April 6th)
- Commission decision on borrow pit lumber resources
- Q1 2026 groundwater sampling results presentation
- Monthly pump reports review
- Toe drain installation progress
- Well maintenance completion status
- Tire shredding company evaluation results

- Chris Kirby's concerns regarding borrow pit impacts on neighboring properties
- Stormwater management and contract geography discrepancies

Meeting adjourned at approximately 6:36 p.m. by motion from Chairman Waller, seconded by Mr. Hendrix. Motion approved unanimously.

Minutes respectfully submitted by Monty Ross, LCSWDC Interim Secretary
Chairman: Adam Waller, Loudon County Solid Waste Disposal Committee

Note: Full video of LCSWDC meeting available at: Loudon County Solid Waste Disposal Commission Meeting, March 20, 2026 (youtube.com)

EAGON & ASSOCIATES, INC.

445 Hutchinson Avenue
Suite 900
Columbus, Ohio 43235
(614) 888-5760
eagoninc.com

April 28, 2026

Mr. Stoddard Pickrell
Environmental Manager
Matlock Bend Landfill
21712 Highway 72 North
Loudon, TN 37774

RE: 1st Quarter 2026 Groundwater Monitoring Report
Southwest Spring
Matlock Bend Landfill
Permit# SNL #53-103-0203

Dear Mr. Pickrell:

Eagon & Associates, Inc. (Eagon) has prepared this report for the 1st quarter 2026 sampling event for the Southwest Spring at the Matlock Bend Landfill in general accordance with the site's Modified Groundwater Monitoring Plan (revised August 2024). The Southwest Spring was added to the groundwater monitoring program as of 2025 1st semiannual event and was the only location that needed to be sampled during the event. Please refer to the 2025 2nd semiannual monitoring report (dated January 30, 2026) for background information on the groundwater monitoring network and program status. The following information on the Southwest Spring is from that report.

At the direction of TDEC's March 27, 2025 letter regarding the review of the 2nd 2024 Semiannual Report, an off-site spring to the southwest of the landfill near Route 72 was sampled starting with the 2025 1st semiannual event. The TDEC letter requested sampling of a previous sample location referred to as "Purdy Spring". TDEC approved ceasing sampling of Purdy Spring in 2006 apparently based on the conclusion it was not needed and was too distant from the landfill. MBLF was unable to confirm the previously sampled Purdy Spring location. A spring was found during MBLF's May 2025 field reconnaissance in the general suspected vicinity. Because it could not be verified this was the Purdy Spring sampled prior to 2006, the June 2025 sample point was designated "Southwest Spring (SWS)". Note that the SWS is more than 700 feet from the landfill and is not used as a water supply. As requested in TDEC's November 4, 2025 review letter for the 1st 2025 semiannual report, quarterly sampling of the SWS began with the December 2025 event (which was the 2nd 2025 site-wide, semiannual event). The 1st quarter 2026 sampling is the second quarterly event for the SWS. Continued monitoring of the SWS will be discussed with TDEC after completion of four quarterly events (after the 3rd quarter event of 2026).

Weaver Consultants Group (Weaver) conducted the sampling on February 27, 2026. The SWS sample was analyzed by Pace Laboratories in Mt. Juliet, Tennessee for the same parameters as the previous event including Appendix I parameters, the 14 additional indicator parameters specified in Section 4.3 of the Groundwater Monitoring Plan for wells monitoring the Phase I landfill unit, and alkalinity. The February 2026 analytical results are summarized on

Table 1. A trip blank was submitted for volatile organic compound analysis and showed no detections. The laboratory report including the field information log is included as Appendix A. Figure 1 is the potentiometric surface map from the 2025 2nd semiannual report illustrating the location of the SWS.

There were no volatile organic compounds detected for the SWS sample. The Appendix I inorganic analytical data summary for the event is presented in Table 2. Time series plots for the parameters detected in one or more samples from the SWS are included in Appendix B. The Appendix I results for the February 2026 sample were generally lower than previous results. There was only one Appendix I detection above a Ground Water Protection Standard (GWPS) – cobalt at 0.0106 mg/L versus the GWPS of 0.006 mg/L. Cobalt was also above the GWPS in past samples from the SWS at somewhat higher concentrations. It has been demonstrated in past submittals with TDEC concurrence, that cobalt is naturally occurring in groundwater at the site above the GWPS. Refer to the discussion of the cobalt in the 2025 2nd semiannual report.

The SWS location was sampled for the 14 additional indicators during the event for informational purposes only with the data summarized in Table 3. Results for these parameters were also generally lower than past events and will continue to be monitored during subsequent events. Nitrate has shown elevated results at some other sample locations in the past but continues to be non-detect at the SWS.

Additional evaluation of the results for the SWS will be presented in the 1st 2026 semiannual event report. Should you have any questions or concerns, please do not hesitate to contact us at (614) 888-5760.

Sincerely,

Jeffrey McClellan
Groundwater Scientist

Shay Beanland
Hydrogeologist, CPG/LPG
Tennessee LPG No. 6572

Enclosures: Figure 1
Tables
Appendix A. Laboratory Report & Field Information Log
Appendix B. Time Series Plots for Detected Parameters

cc: Jessica Preston, Senior Manager, Environmental Liability Management, Republic Services (Electronic)
Matlock Bend Landfill (Hard Copy)

1st 2026 Quarterly Groundwater Monitoring Report

Matlock Bend Landfill Loudon County, Tennessee Permit No. SNL #53-103-0203

For Submittal to:
Tennessee Department of Environment and Conservation

Prepared by:
Eagon Associates, Inc.
445 Hutchinson Avenue
Suite 900
Columbus, OH 43235

Certification

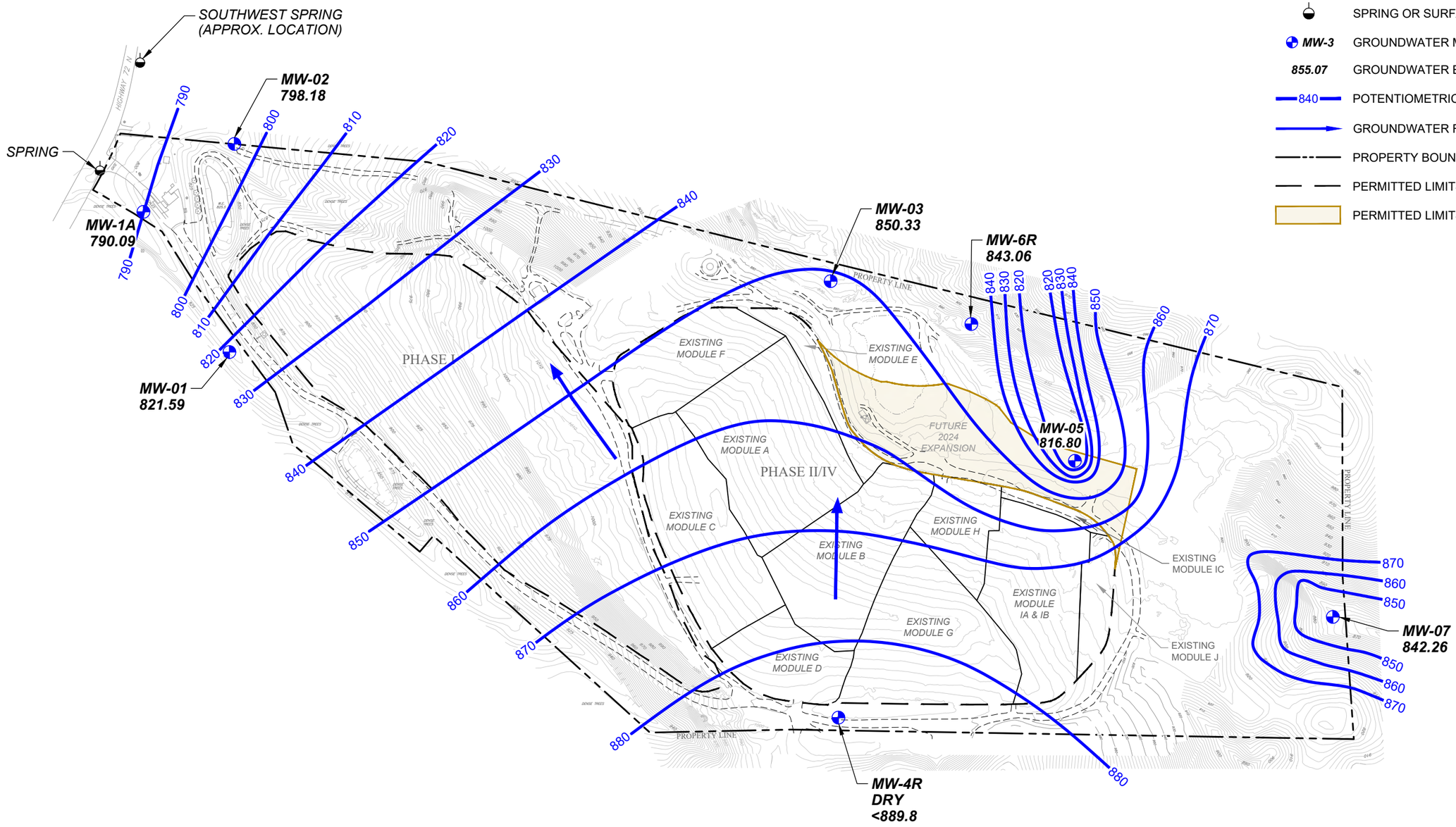
I certify that I am a qualified groundwater professional who has received a baccalaureate or post-graduate degree in the natural sciences and am licensed as a Professional Geologist in the State of Tennessee. I have sufficient training and experience in groundwater hydrology that enables me to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective-action.

I further certify that this report was prepared by me or by a subordinate working under my direction.

Shay Beanland, P.G. Date
Tennessee Licensed Professional Geologist #6572

4/28/2026

FIGURE



LEGEND:

- SPRING OR SURFACE WATER
- ***MW-3*** GROUNDWATER MONITORING WELL
- ***855.07*** GROUNDWATER ELEVATION (DECEMBER 2nd 2025)
- 840 POTENTIOMETRIC SURFACE CONTOUR (ft. MSL)
- GROUNDWATER FLOW DIRECTION
- PROPERTY BOUNDARY
- PERMITTED LIMITS OF WASTE
- PERMITTED LIMITS OF WASTE 2024 EXPANSION

REFERENCE:

1. TOPOGRAPHIC INFORMATION WITHIN THE LANDFILL LIMITS TAKEN FROM FIRMATEK DRONE SOLUTION. DATED MARCH 23, 2023, AS PROVIDED BY REPUBLIC.
2. TOPOGRAPHIC CONTOURS SHOWN WERE PROVIDED BY SOUTHERN RESOURCES MAPPING CORP., NORTHPORT, ALABAMA.

0 200 400

GRAPHIC SCALE IN FEET

COMPILED BY: MM	FIGURE TITLE: Potentiometric Surface Map (2025 2nd Sampling Event)
DRAFTED BY: MM	PROJECT TITLE: Matlock Bend Landfill
CHECKED BY: JM	PREPARED BY: EAGON & ASSOCIATES, INC.
APPROVED BY: JM	FIGURE NUMBER: 1
DATE: 1/7/2025	

TABLES

Table 1. Analytical Data Summary, February 27, 2026

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill Printed 4/10/2026, 3:54 PM

	SOUTHWESTSPRING
1,1,1,2-Tetrachloroethane (ug/L)	<1
1,1,1-Trichloroethane (ug/L)	<1
1,1,2,2-Tetrachloroethane (ug/L)	<1
1,1,2-Trichloroethane (ug/L)	<1
1,1-Dichloroethane (ug/L)	<1
1,1-Dichloroethene (ug/L)	<1
1,2,3-Trichloropropane (ug/L)	<2.5
1,2-Dibromo-3-Chloropropane (ug/L)	<0.0202
1,2-Dibromoethane (ug/L)	<0.0202
1,2-Dichlorobenzene (ug/L)	<1
1,2-Dichloroethane (ug/L)	<1
1,2-Dichloropropane (ug/L)	<1
1,4-Dichlorobenzene (ug/L)	<1
2-Butanone (ug/L)	<20
2-Hexanone (ug/L)	<20
4-Methyl-2-Pentanone (ug/L)	<20
Acetone (ug/L)	<50
Acrylonitrile (ug/L)	<10
Alkalinity (mg/L)	355
Antimony, Total (mg/L)	<0.004
Arsenic, Total (mg/L)	0.00785
Barium, Total (mg/L)	0.433
Benzene (ug/L)	<1
Beryllium, Total (mg/L)	<0.002
Bromochloromethane (ug/L)	<1
Bromodichloromethane (ug/L)	<1
Bromoform (ug/L)	<1
Bromomethane (ug/L)	<5
Cadmium, Total (mg/L)	<0.001
Calcium, Total (mg/L)	116
Carbon Disulfide (ug/L)	<1
Carbon tetrachloride (ug/L)	<1
Chemical Oxygen Demand (mg/L)	41.6
Chloride (mg/L)	755
Chlorobenzene (ug/L)	<1
Chloroethane (ug/L)	<5
Chloroform (ug/L)	<5
Chloromethane (ug/L)	<5
Chromium, Total (mg/L)	<0.002
cis-1,2-Dichloroethene (ug/L)	<1
cis-1,3-Dichloropropene (ug/L)	<1
Cobalt, Total (mg/L)	0.0106
Conductance Field (umhos/cm)	2741
Copper, Total (mg/L)	<0.005
Cyanide, Total (mg/L)	<0.005
Dibromochloromethane (ug/L)	<1
Dibromomethane (ug/L)	<1
Dissolved Oxygen, Field (mg/L)	3.55
Ethylbenzene (ug/L)	<1
Fluoride, Total (mg/L)	<0.15
Iron, Total (mg/L)	2.36
Lead, Total (mg/L)	<0.002
Magnesium, Total (mg/L)	73
Manganese, Dissolved (mg/L)	1.39
Mercury, Total (mg/L)	<0.0002
Methyl Iodide (ug/L)	<30
Methylene Chloride (ug/L)	<5
Nickel, Total (mg/L)	0.0251
Nitrogen, Ammonia (mg/L)	5.85
Nitrogen, Nitrate (mg/L)	<0.1
ORP, Field (mV)	67.8
pH, Field (SU)	6.5
Potassium, Total (mg/L)	64.2
Selenium, Total (mg/L)	<0.002
Silver, Total (mg/L)	<0.002
Sodium, Total (mg/L)	269
Solids, Total Dissolved (mg/L)	1390
Styrene (ug/L)	<1
Sulfate (mg/L)	<5
Temperature, Field (Deg-C)	16.6
Tetrachloroethene (ug/L)	<1
Thallium, Total (mg/L)	<0.002
Toluene (ug/L)	<1
Total Organic Carbon (mg/L)	<1
trans-1,2-Dichloroethene (ug/L)	<1
trans-1,3-Dichloropropene (ug/L)	<1
Trans-1,4-Dichloro-2-Butene (ug/L)	<2.5
Trichloroethene (ug/L)	<1
Trichlorofluoromethane (ug/L)	<5
Turbidity, Field (NTU)	2.78
Vanadium, Total (mg/L)	<0.005
Vinyl acetate (ug/L)	<10
Vinyl Chloride (ug/L)	<1
Xylenes, Total (mg/L)	<0.003
Zinc, Total (mg/L)	<0.025

Table 2.
Summary of Appendix I List Results (mg/L)
Matlock Bend Landfill
First Quarter 2026 Monitoring Event - February 27, 2026

Parameter	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Fluoride	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
MCL/GWPS	0.006	0.01	2	0.004	0.005	0.1	0.006 [5]	1.3 [1]	4	0.015 [1]	0.002	0.1 [2]	0.05	0.10 [3]	0.002	0.086 [5]	5.0 [4]
Southwest Spring	<0.004	**0.00785**	**0.433**	<0.002	<0.001	<0.002	**0.0106**	<0.005	<0.15	<0.002	<0.0002	**0.0251**	<0.002	<0.002	<0.002	<0.005	<0.025

Notes:

Bold value indicates parameter detected above the reporting limit of the laboratory.
Blue values exceed GWPS

[1] - Action Level concentration from TN Division of Water Resources Rule 0400-45-01-.33.

[2] - MCL value obtained from TN Division of Water Resources Rule 0400-45-01-.06.

[3] - MCL value obtained from TN Division of Water Resources Rule 0400-45-01-.12 (EPA Secondary Drinking Water Standard).

[4] -GWPS referenced value obtained from EPA secondary drinking water standards.

[5] -GWPS referenced value obtained from EPA Regional Screening Level (THQ= 1) for tapwater.

Table 3.
Summary of Additional Indicator Parameters Monitored at the
Matlock Bend Phase I Landfill Unit (mg/L)
First Quarter 2026 Monitoring Event - February 27, 2026

Parameter	Calcium	COD	Chloride	Cyanide	Iron	Magnesium	Manganese (dissolved)	Nitrogen (Ammonia)	Nitrogen (Nitrate)	Potassium	Sodium	Sulfate	TDS	TOC	Alkalinity*
MCL/GWPS	NA	NA	250 [1]	0.2	0.3 [1]	NA	0.43 [2]	NA	10	NA	NA	250 [1]	500 [1]	NA	NA
Southwest Spring	**116**	**41.6**	**755**	<0.005	**2.36**	**73.0**	**1.39**	**5.85**	<0.1	**64.2**	**269**	<5	**1,390**	<1	**355**

Notes:

[1] -GWPS referenced value obtained from EPA secondary drinking water standards (non-enforceable).

[2] -GWPS referenced value obtained from most recent EPA Regional Screening Levels (THQ=1.0).

Bold value indicates result detected above the laboratory reporting limit.

NA: Parameter does not have an established MCL or EPA RSL.

* - Alkalinity is not a required parameter, occassionally included for Piper and Stiff diagrams

APPENDIX A.

LABORATORY REPORT AND FIELD INFORMATION LOG

ANALYTICAL REPORT

March 24, 2026

Revised Report

Republic Services - EAG

Sample Delivery Group:	L1948740
Samples Received:	02/27/2026
Project Number:	
Description:	Matlock Bend LF - Loudon, TN
Report To:	Stoddard Pickrell 21712 TN-72 Loudon, TN 37774

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

SOUTHWEST SPRING L1948740-01

Collected by: Blake King
Collected date/time: 02/27/26 14:15
Received date/time: 02/27/26 16:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2702877	1	02/28/26 22:18	03/03/26 18:42	AMG	Mt. Juliet, TN
Wet Chemistry by Method 2320 B-2011	WG2703555	1	03/02/26 14:37	03/02/26 14:37	RJP	Mt. Juliet, TN
Wet Chemistry by Method 350.1	WG2703216	1	03/01/26 22:36	03/01/26 22:36	RTW	Mt. Juliet, TN
Wet Chemistry by Method 410.4	WG2704047	1	03/04/26 09:53	03/04/26 14:12	DMB	Mt. Juliet, TN
Wet Chemistry by Method 4500CN E-2016	WG2703217	1	03/01/26 16:59	03/02/26 18:02	AMJ	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2701261	10	03/02/26 05:03	03/02/26 05:03	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG2702012	1	03/01/26 23:55	03/01/26 23:55	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2703151	1	03/01/26 23:36	03/01/26 23:36	AJA	Mt. Juliet, TN
Mercury by Method 7470A	WG2702777	1	03/03/26 16:58	03/05/26 13:27	MDE	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2703094	1	03/02/26 08:24	03/02/26 19:59	TMT	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2703109	1	03/01/26 18:08	03/01/26 23:36	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2703109	1	03/01/26 18:08	03/02/26 11:40	JDB	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2703109	10	03/01/26 18:08	03/01/26 23:58	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2703136	1	03/01/26 19:15	03/01/26 19:15	DWR	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2704722	1.01	03/04/26 08:15	03/04/26 16:20	NWH	Mt. Juliet, TN

TRIP BLANK L1948740-02

Collected by: Blake King
Collected date/time: 02/27/26 00:00
Received date/time: 02/27/26 16:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2703136	1	03/01/26 12:16	03/01/26 12:16	DWR	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2703351	1.02	03/02/26 12:37	03/02/26 22:06	SN	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Report Revision History

Level II Report - Version 1: 03/09/26 22:27

Project Narrative

3/24/26: Revised to include field data.

Sample Delivery Group (SDG) Narrative

Analysis was filtered in the laboratory.

Lab Sample ID	Project Sample ID	Method
L1948740-01	SOUTHWEST SPRING	6020B

Additional Information - Results for field analyses are not accredited to ISO 17025

Analyte	Result	Units
Temperature (on-site)	16.6	Deg C
pH (on site)	6.5	su
Specific Conductance (on site)	2741	uS/cm
Turbidity (on-site)	2.78	NTU
Dissolved Oxygen (on-site)	3.55	mg/l
eH/ORP (on site)	67.8	mV

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Dissolved Solids	1390		50.0	1	03/03/2026 18:42	WG2702877

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Alkalinity	355		20.0	1	03/02/2026 14:37	WG2703555

Sample Narrative:

L1948740-01 WG2703555: Endpoint pH 4.5

Wet Chemistry by Method 350.1

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Ammonia Nitrogen	5.85		0.100	1	03/01/2026 22:36	WG2703216

Wet Chemistry by Method 410.4

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
COD	41.6		20.0	1	03/04/2026 14:12	WG2704047

Wet Chemistry by Method 4500CN E-2016

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Cyanide	ND		0.00500	1	03/02/2026 18:02	WG2703217

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Chloride	755		10.0	10	03/02/2026 05:03	WG2701261
Fluoride	ND		0.150	1	03/01/2026 23:55	WG2702012
Nitrate as (N)	ND	Q	0.100	1	03/01/2026 23:55	WG2702012
Sulfate	ND		5.00	1	03/01/2026 23:55	WG2702012

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
TOC (Total Organic Carbon)	ND		1.00	1	03/01/2026 23:36	WG2703151

Mercury by Method 7470A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Mercury	ND		0.000200	1	03/05/2026 13:27	WG2702777

Metals (ICPMS) by Method 6020B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Antimony	ND		0.00400	1	03/01/2026 23:36	WG2703109
Arsenic	0.00785		0.00200	1	03/01/2026 23:36	WG2703109
Barium	0.433		0.00200	1	03/01/2026 23:36	WG2703109
Beryllium	ND		0.00200	1	03/02/2026 11:40	WG2703109
Cadmium	ND		0.00100	1	03/01/2026 23:36	WG2703109
Calcium	116		10.0	10	03/01/2026 23:58	WG2703109
Chromium	ND		0.00200	1	03/01/2026 23:36	WG2703109
Copper	ND		0.00500	1	03/01/2026 23:36	WG2703109
Cobalt	0.0106		0.00200	1	03/01/2026 23:36	WG2703109
Iron	2.36		0.100	1	03/01/2026 23:36	WG2703109
Lead	ND		0.00200	1	03/01/2026 23:36	WG2703109
Magnesium	73.0		10.0	10	03/01/2026 23:58	WG2703109
Manganese,Dissolved	1.39		0.00500	1	03/02/2026 19:59	WG2703094
Nickel	0.0251		0.00200	1	03/01/2026 23:36	WG2703109
Potassium	64.2		20.0	10	03/01/2026 23:58	WG2703109
Selenium	ND		0.00200	1	03/01/2026 23:36	WG2703109
Silver	ND		0.00200	1	03/01/2026 23:36	WG2703109
Sodium	269		20.0	10	03/01/2026 23:58	WG2703109
Thallium	ND		0.00200	1	03/01/2026 23:36	WG2703109
Vanadium	ND		0.00500	1	03/01/2026 23:36	WG2703109
Zinc	ND		0.0250	1	03/01/2026 23:36	WG2703109

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	0.0500	1	03/01/2026 19:15	WG2703136
Acrylonitrile	ND		0.0100	1	03/01/2026 19:15	WG2703136
Benzene	ND		0.00100	1	03/01/2026 19:15	WG2703136
Bromochloromethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
Bromodichloromethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
Bromoform	ND		0.00100	1	03/01/2026 19:15	WG2703136
Bromomethane	ND		0.00500	1	03/01/2026 19:15	WG2703136
Carbon disulfide	ND		0.00100	1	03/01/2026 19:15	WG2703136
Carbon tetrachloride	ND		0.00100	1	03/01/2026 19:15	WG2703136
Chlorobenzene	ND		0.00100	1	03/01/2026 19:15	WG2703136
Chlorodibromomethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
Chloroethane	ND		0.00500	1	03/01/2026 19:15	WG2703136
Chloroform	ND		0.00500	1	03/01/2026 19:15	WG2703136
Chloromethane	ND		0.00500	1	03/01/2026 19:15	WG2703136
Dibromomethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
1,2-Dichlorobenzene	ND		0.00100	1	03/01/2026 19:15	WG2703136
1,4-Dichlorobenzene	ND		0.00100	1	03/01/2026 19:15	WG2703136
trans-1,4-Dichloro-2-butene	ND	C3	0.00250	1	03/01/2026 19:15	WG2703136
1,1-Dichloroethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
1,2-Dichloroethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
1,1-Dichloroethene	ND		0.00100	1	03/01/2026 19:15	WG2703136
cis-1,2-Dichloroethene	ND		0.00100	1	03/01/2026 19:15	WG2703136
trans-1,2-Dichloroethene	ND		0.00100	1	03/01/2026 19:15	WG2703136
1,2-Dichloropropane	ND		0.00100	1	03/01/2026 19:15	WG2703136
cis-1,3-Dichloropropene	ND		0.00100	1	03/01/2026 19:15	WG2703136
trans-1,3-Dichloropropene	ND		0.00100	1	03/01/2026 19:15	WG2703136
Ethylbenzene	ND		0.00100	1	03/01/2026 19:15	WG2703136
2-Hexanone	ND		0.0200	1	03/01/2026 19:15	WG2703136
Iodomethane	ND		0.0300	1	03/01/2026 19:15	WG2703136
2-Butanone (MEK)	ND		0.0200	1	03/01/2026 19:15	WG2703136
Methylene Chloride	ND		0.00500	1	03/01/2026 19:15	WG2703136

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	03/01/2026 19:15	WG2703136
Styrene	ND		0.00100	1	03/01/2026 19:15	WG2703136
1,1,1,2-Tetrachloroethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
1,1,2,2-Tetrachloroethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
Tetrachloroethene	ND		0.00100	1	03/01/2026 19:15	WG2703136
Toluene	ND		0.00100	1	03/01/2026 19:15	WG2703136
1,1,1-Trichloroethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
1,1,2-Trichloroethane	ND		0.00100	1	03/01/2026 19:15	WG2703136
Trichloroethene	ND		0.00100	1	03/01/2026 19:15	WG2703136
Trichlorofluoromethane	ND		0.00500	1	03/01/2026 19:15	WG2703136
1,2,3-Trichloropropane	ND		0.00250	1	03/01/2026 19:15	WG2703136
Vinyl acetate	ND	C3	0.0100	1	03/01/2026 19:15	WG2703136
Vinyl chloride	ND		0.00100	1	03/01/2026 19:15	WG2703136
Xylenes, Total	ND		0.00300	1	03/01/2026 19:15	WG2703136
(S) Toluene-d8	*114*		*80.0-120*		*03/01/2026 19:15*	WG2703136
(S) 4-Bromofluorobenzene	*92.3*		*77.0-126*		*03/01/2026 19:15*	WG2703136
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*03/01/2026 19:15*	WG2703136

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	ND		0.0000202	1.01	03/04/2026 16:20	WG2704722
1,2-Dibromo-3-Chloropropane	ND		0.0000202	1.01	03/04/2026 16:20	WG2704722
(S) 1,1,1,2-Tetrachloroethane	*110*		*60.0-140*		*03/04/2026 16:20*	WG2704722

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND	C3	0.0500	1	03/01/2026 12:16	WG2703136
Acrylonitrile	ND		0.0100	1	03/01/2026 12:16	WG2703136
Benzene	ND		0.00100	1	03/01/2026 12:16	WG2703136
Bromochloromethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
Bromodichloromethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
Bromoform	ND		0.00100	1	03/01/2026 12:16	WG2703136
Bromomethane	ND		0.00500	1	03/01/2026 12:16	WG2703136
Carbon disulfide	ND		0.00100	1	03/01/2026 12:16	WG2703136
Carbon tetrachloride	ND		0.00100	1	03/01/2026 12:16	WG2703136
Chlorobenzene	ND		0.00100	1	03/01/2026 12:16	WG2703136
Chlorodibromomethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
Chloroethane	ND		0.00500	1	03/01/2026 12:16	WG2703136
Chloroform	ND		0.00500	1	03/01/2026 12:16	WG2703136
Chloromethane	ND		0.00500	1	03/01/2026 12:16	WG2703136
Dibromomethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
1,2-Dichlorobenzene	ND		0.00100	1	03/01/2026 12:16	WG2703136
1,4-Dichlorobenzene	ND		0.00100	1	03/01/2026 12:16	WG2703136
trans-1,4-Dichloro-2-butene	ND	C3	0.00250	1	03/01/2026 12:16	WG2703136
1,1-Dichloroethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
1,2-Dichloroethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
1,1-Dichloroethene	ND		0.00100	1	03/01/2026 12:16	WG2703136
cis-1,2-Dichloroethene	ND		0.00100	1	03/01/2026 12:16	WG2703136
trans-1,2-Dichloroethene	ND		0.00100	1	03/01/2026 12:16	WG2703136
1,2-Dichloropropane	ND		0.00100	1	03/01/2026 12:16	WG2703136
cis-1,3-Dichloropropene	ND		0.00100	1	03/01/2026 12:16	WG2703136
trans-1,3-Dichloropropene	ND		0.00100	1	03/01/2026 12:16	WG2703136
Ethylbenzene	ND		0.00100	1	03/01/2026 12:16	WG2703136
2-Hexanone	ND		0.0200	1	03/01/2026 12:16	WG2703136
Iodomethane	ND		0.0300	1	03/01/2026 12:16	WG2703136
2-Butanone (MEK)	ND		0.0200	1	03/01/2026 12:16	WG2703136
Methylene Chloride	ND		0.00500	1	03/01/2026 12:16	WG2703136
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	03/01/2026 12:16	WG2703136
Styrene	ND		0.00100	1	03/01/2026 12:16	WG2703136
1,1,1,2-Tetrachloroethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
1,1,2,2-Tetrachloroethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
Tetrachloroethene	ND		0.00100	1	03/01/2026 12:16	WG2703136
Toluene	ND		0.00100	1	03/01/2026 12:16	WG2703136
1,1,1-Trichloroethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
1,1,2-Trichloroethane	ND		0.00100	1	03/01/2026 12:16	WG2703136
Trichloroethene	ND		0.00100	1	03/01/2026 12:16	WG2703136
Trichlorofluoromethane	ND		0.00500	1	03/01/2026 12:16	WG2703136
1,2,3-Trichloropropane	ND		0.00250	1	03/01/2026 12:16	WG2703136
Vinyl acetate	ND	C3	0.0100	1	03/01/2026 12:16	WG2703136
Vinyl chloride	ND		0.00100	1	03/01/2026 12:16	WG2703136
Xylenes, Total	ND		0.00300	1	03/01/2026 12:16	WG2703136
(S) Toluene-d8	*108*		*80.0-120*		*03/01/2026 12:16*	WG2703136
(S) 4-Bromofluorobenzene	*88.6*		*77.0-126*		*03/01/2026 12:16*	WG2703136
(S) 1,2-Dichloroethane-d4	*98.6*		*70.0-130*		*03/01/2026 12:16*	WG2703136

EDB / DBCP by Method 8011

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	ND		0.0000204	1.02	03/02/2026 22:06	WG2703351
1,2-Dibromo-3-Chloropropane	ND		0.0000204	1.02	03/02/2026 22:06	WG2703351
(S) 1,1,1,2-Tetrachloroethane	*111*		*60.0-140*		*03/02/2026 22:06*	WG2703351

Method Blank (MB)

(MB) R4343838-1 03/03/26 18:42

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dissolved Solids	U		10.0	10.0

L1948740-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1948740-01 03/03/26 18:42 • (DUP) R4343838-3 03/03/26 18:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	1390	1410	1	1.07		10

L1948992-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1948992-07 03/03/26 18:42 • (DUP) R4343838-4 03/03/26 18:42

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Dissolved Solids	3050	3270	1	7.13		10

Laboratory Control Sample (LCS)

(LCS) R4343838-2 03/03/26 18:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Dissolved Solids	8800	8510	96.7	90.0-110	

Method Blank (MB)

(MB) R4342558-2 03/02/26 13:49

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Alkalinity	U		4.75	20.0

Sample Narrative:

BLANK: Endpoint pH 4.5

L1948555-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1948555-01 03/02/26 14:15 • (DUP) R4342558-4 03/02/26 14:10

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	362	374	1	3.35		20

Sample Narrative:

OS: Endpoint pH 4.5

DUP: Endpoint pH 4.5

L1948555-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1948555-02 03/02/26 15:42 • (DUP) R4342558-6 03/02/26 15:46

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	353	357	1	1.18		20

Sample Narrative:

OS: Endpoint pH 4.5

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R4342558-1 03/02/26 13:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100	102	102	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R4342262-1 03/01/26 22:23

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ammonia Nitrogen	U		0.0539	0.100

L1948121-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1948121-02 03/01/26 22:26 • (DUP) R4342262-3 03/01/26 22:27

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	ND	ND	1	0.000		10

L1948954-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1948954-01 03/01/26 22:45 • (DUP) R4342262-6 03/01/26 22:47

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ammonia Nitrogen	ND	ND	1	0.000		10

Laboratory Control Sample (LCS)

(LCS) R4342262-2 03/01/26 22:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Ammonia Nitrogen	7.50	7.32	97.6	90.0-110	

L1948121-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948121-02 03/01/26 22:26 • (MS) R4342262-4 03/01/26 22:29 • (MSD) R4342262-5 03/01/26 22:30

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ammonia Nitrogen	5.00	ND	5.40	5.15	108	103	1	90.0-110			4.74	10

L1948954-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1948954-01 03/01/26 22:45 • (MS) R4342262-7 03/01/26 22:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ammonia Nitrogen	5.00	ND	5.08	102	1	90.0-110	

Method Blank (MB)

(MB) R4343420-1 03/04/26 14:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
COD	U		14.1	20.0

Laboratory Control Sample (LCS)

(LCS) R4343420-2 03/04/26 14:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
COD	500	499	99.8	90.0-110	

L1948891-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948891-02 03/04/26 14:12 • (MS) R4343420-3 03/04/26 14:13 • (MSD) R4343420-4 03/04/26 14:13

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
COD	500	77.1	566	574	97.8	99.5	1	90.0-110			1.46	20

L1948939-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948939-01 03/04/26 14:13 • (MS) R4343420-5 03/04/26 14:14 • (MSD) R4343420-6 03/04/26 14:14

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
COD	500	22.6	522	521	99.9	99.6	1	90.0-110			0.295	20

Method Blank (MB)

(MB) R4342593-1 03/02/26 17:48

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Cyanide	U		0.00210	0.00500

L1948858-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1948858-04 03/02/26 18:04 • (DUP) R4342593-5 03/02/26 18:05

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Cyanide	0.0125	0.0119	1	4.92		20

Laboratory Control Sample (LCS)

(LCS) R4342593-2 03/02/26 17:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cyanide	0.100	0.0983	98.3	82.0-116	

L1948651-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948651-05 03/02/26 17:51 • (MS) R4342593-3 03/02/26 17:52 • (MSD) R4342593-4 03/02/26 17:53

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Cyanide	0.100	ND	0.0938	0.103	93.8	103	1	82.0-116			9.35	20

Method Blank (MB)

(MB) R4342387-1 03/02/26 02:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00

L1948109-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1948109-01 03/02/26 02:59 • (DUP) R4342387-3 03/02/26 03:10

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	66.7	65.2	1	2.25		15

L1948117-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1948117-01 03/02/26 03:40 • (DUP) R4342387-6 03/02/26 03:51

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	57.6	55.3	1	4.10		15

Laboratory Control Sample (LCS)

(LCS) R4342387-2 03/02/26 02:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.1	97.7	80.0-120	

L1948109-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948109-01 03/02/26 02:59 • (MS) R4342387-4 03/02/26 03:20 • (MSD) R4342387-5 03/02/26 03:30

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	66.7	95.0	95.2	70.8	71.2	1	80.0-120	J6	J6	0.184	15

L1948117-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1948117-01 03/02/26 03:40 • (MS) R4342387-7 03/02/26 04:01

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	57.6	86.8	73.1	1	80.0-120	J6

Method Blank (MB)

(MB) R4342354-1 03/01/26 18:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Fluoride	U		0.0761	0.150
Nitrate as (N)	U		0.0884	0.100
Sulfate	U		0.637	5.00

L1948368-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1948368-03 03/01/26 19:19 • (DUP) R4342354-3 03/01/26 19:31

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	ND	ND	10	0.000		15
Nitrate as (N)	ND	ND	10	0.000		15
Sulfate	200	197	10	1.19		15

L1948406-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1948406-03 03/01/26 21:14 • (DUP) R4342354-6 03/01/26 21:26

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Fluoride	ND	ND	1	1.32		15
Nitrate as (N)	0.259	0.254	1	2.14		15
Sulfate	ND	ND	1	0.366		15

Laboratory Control Sample (LCS)

(LCS) R4342354-2 03/01/26 18:45

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluoride	8.00	7.86	98.2	80.0-120	
Nitrate as (N)	8.00	7.64	95.5	80.0-120	
Sulfate	40.0	38.0	95.1	80.0-120	

L1948368-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948368-03 03/01/26 19:19 • (MS) R4342354-4 03/01/26 19:42 • (MSD) R4342354-5 03/01/26 19:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Fluoride	8.00	ND	6.37	6.61	79.6	82.6	10	80.0-120	J6		3.74	15
Nitrate as (N)	8.00	ND	5.40	5.54	67.5	69.2	10	80.0-120	J6	J6	2.53	15
Sulfate	40.0	200	186	193	0.000	0.000	10	80.0-120	V	V	3.89	15

L1948406-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948406-03 03/01/26 21:14 • (MS) R4342354-7 03/01/26 21:37 • (MSD) R4342354-8 03/01/26 21:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Fluoride	8.00	ND	7.77	8.33	96.0	103	1	80.0-120			6.92	15
Nitrate as (N)	8.00	0.259	7.75	8.27	93.6	100	1	80.0-120			6.44	15
Sulfate	40.0	ND	40.9	44.0	92.0	99.8	1	80.0-120			7.33	15

Method Blank (MB)

(MB) R4342287-2 03/01/26 16:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TOC (Total Organic Carbon)	U		0.495	1.00

L1948406-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1948406-04 03/01/26 19:56 • (DUP) R4342287-5 03/01/26 20:19

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1.00	ND	1	1.84		20

L1948853-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1948853-01 03/02/26 00:41 • (DUP) R4342287-8 03/02/26 01:01

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	ND	ND	1	3.42		20

Laboratory Control Sample (LCS)

(LCS) R4342287-1 03/01/26 15:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	25.0	24.4	97.7	80.0-120	

L1948406-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948406-03 03/01/26 18:23 • (MS) R4342287-3 03/01/26 18:46 • (MSD) R4342287-4 03/01/26 19:10

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25.0	11.7	33.1	37.0	85.6	101	1	75.0-125			11.1	20

L1948740-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948740-01 03/01/26 23:36 • (MS) R4342287-6 03/01/26 23:59 • (MSD) R4342287-7 03/02/26 00:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25.0	ND	24.7	24.9	96.4	97.2	1	75.0-125			0.848	20

Method Blank (MB)

(MB) R4343954-1 03/05/26 12:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.0000700	0.000200

Laboratory Control Sample (LCS)

(LCS) R4343954-2 03/05/26 12:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00313	104	80.0-120	

L1948861-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948861-02 03/05/26 12:58 • (MS) R4343954-4 03/05/26 13:08 • (MSD) R4343954-5 03/05/26 13:11

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	ND	0.00319	0.00308	106	103	1	75.0-125			3.56	20

Method Blank (MB)

(MB) R4342612-1 03/02/26 18:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Manganese,Dissolved	U		0.000700	0.00500

Laboratory Control Sample (LCS)

(LCS) R4342612-2 03/02/26 18:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Manganese,Dissolved	0.0500	0.0480	95.9	80.0-120	

L1948475-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948475-01 03/02/26 18:46 • (MS) R4342612-4 03/02/26 18:52 • (MSD) R4342612-5 03/02/26 18:56

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Manganese,Dissolved	0.0500	0.0119	0.0551	0.0543	86.3	84.8	1	75.0-125			1.37	20

Method Blank (MB)

(MB) R4342254-1 03/01/26 22:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Antimony	U		0.000310	0.00400
Arsenic	U		0.000120	0.00200
Barium	U		0.000500	0.00200
Cadmium	U		0.000120	0.00100
Calcium	U		0.0925	1.00
Chromium	U		0.000900	0.00200
Copper	0.000880	J	0.000700	0.00500
Cobalt	U		0.000100	0.00200
Iron	U		0.0226	0.100
Lead	U		0.000500	0.00200
Magnesium	U		0.0827	1.00
Nickel	U		0.000500	0.00200
Potassium	U		0.0965	2.00
Selenium	U		0.000250	0.00200
Silver	U		0.000110	0.00200
Sodium	U		0.142	2.00
Thallium	U		0.000130	0.00200
Vanadium	U		0.000520	0.00500
Zinc	U		0.00400	0.0250

Method Blank (MB)

(MB) R4342406-1 03/02/26 11:17

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Beryllium	U		0.000200	0.00200

Laboratory Control Sample (LCS)

(LCS) R4342254-2 03/01/26 22:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	0.0500	0.0455	91.0	80.0-120	
Arsenic	0.0500	0.0481	96.1	80.0-120	
Barium	0.0500	0.0472	94.3	80.0-120	
Cadmium	0.0500	0.0508	102	80.0-120	
Calcium	5.00	4.84	96.7	80.0-120	
Chromium	0.0500	0.0497	99.3	80.0-120	
Copper	0.0500	0.0485	96.9	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4342254-2 03/01/26 22:10

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Cobalt	0.0500	0.0496	99.2	80.0-120	
Iron	1.00	0.970	97.0	80.0-120	
Lead	0.0500	0.0476	95.1	80.0-120	
Magnesium	5.00	4.84	96.8	80.0-120	
Nickel	0.0500	0.0509	102	80.0-120	
Potassium	5.00	4.83	96.6	80.0-120	
Selenium	0.0500	0.0475	94.9	80.0-120	
Silver	0.0500	0.0501	100	80.0-120	
Sodium	5.00	4.82	96.4	80.0-120	
Thallium	0.0500	0.0464	92.8	80.0-120	
Vanadium	0.0500	0.0486	97.1	80.0-120	
Zinc	0.0500	0.0483	96.5	80.0-120	

Laboratory Control Sample (LCS)

(LCS) R4342406-2 03/02/26 11:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Beryllium	0.0500	0.0432	86.4	80.0-120	

L1948368-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948368-03 03/01/26 22:13 • (MS) R4342254-4 03/01/26 22:20 • (MSD) R4342254-5 03/01/26 22:23

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	0.0500	ND	0.0463	0.0460	92.5	92.1	1	75.0-125			0.471	20
Arsenic	0.0500	0.0110	0.0593	0.0598	96.5	97.5	1	75.0-125			0.836	20
Barium	0.0500	0.0429	0.0907	0.0884	95.6	91.0	1	75.0-125			2.61	20
Cadmium	0.0500	ND	0.0501	0.0501	100	100	1	75.0-125			0.00966	20
Calcium	5.00	123	127	128	82.0	101	1	75.0-125			0.751	20
Chromium	0.0500	ND	0.0492	0.0490	98.4	98.0	1	75.0-125			0.435	20
Copper	0.0500	ND	0.0484	0.0490	96.9	98.0	1	75.0-125			1.15	20
Cobalt	0.0500	ND	0.0490	0.0488	97.5	97.0	1	75.0-125			0.546	20
Iron	1.00	2.02	2.91	2.96	89.4	94.5	1	75.0-125			1.73	20
Lead	0.0500	ND	0.0473	0.0477	94.7	95.3	1	75.0-125			0.683	20
Magnesium	5.00	34.8	38.6	39.2	75.7	88.5	1	75.0-125			1.65	20
Nickel	0.0500	ND	0.0506	0.0501	98.3	97.2	1	75.0-125			1.03	20
Potassium	5.00	3.23	7.89	7.93	93.2	94.0	1	75.0-125			0.508	20
Selenium	0.0500	ND	0.0488	0.0478	96.5	94.5	1	75.0-125			2.03	20

L1948368-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948368-03 03/01/26 22:13 • (MS) R4342254-4 03/01/26 22:20 • (MSD) R4342254-5 03/01/26 22:23

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Silver	0.0500	ND	0.0495	0.0488	99.0	97.7	1	75.0-125			1.35	20
Sodium	5.00	9.48	14.1	14.1	93.4	91.9	1	75.0-125			0.514	20
Thallium	0.0500	ND	0.0464	0.0465	92.8	93.0	1	75.0-125			0.257	20
Vanadium	0.0500	ND	0.0489	0.0493	95.9	96.7	1	75.0-125			0.768	20
Zinc	0.0500	ND	0.0525	0.0536	94.1	96.3	1	75.0-125			2.14	20

L1948368-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948368-03 03/02/26 11:27 • (MS) R4342406-4 03/02/26 11:33 • (MSD) R4342406-5 03/02/26 11:37

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Beryllium	0.0500	ND	0.0430	0.0422	85.9	84.4	1	75.0-125			1.80	20

Method Blank (MB)

(MB) R4342571-4 03/01/26 11:24

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Acrylonitrile	U		0.00809	0.0100
Benzene	U		0.000320	0.00100
Bromochloromethane	U		0.000437	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
Carbon disulfide	U		0.000510	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
Dibromomethane	U		0.000422	0.00100
1,2-Dichlorobenzene	U		0.000304	0.00100
1,4-Dichlorobenzene	U		0.000277	0.00100
trans-1,4-Dichloro-2-butene	U		0.00186	0.00250
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
Ethylbenzene	U		0.000234	0.00100
2-Hexanone	U		0.00580	0.0200
Iodomethane	U		0.00996	0.0300
2-Butanone (MEK)	U		0.00900	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Styrene	U		0.000342	0.00100
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,1,1-Trichloroethane	U		0.000336	0.00100
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100

Method Blank (MB)

(MB) R4342571-4 03/01/26 11:24

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Trichlorofluoromethane	U		0.00304	0.00500
1,2,3-Trichloropropane	U		0.000602	0.00250
Vinyl acetate	U		0.00847	0.0100
Vinyl chloride	U		0.000458	0.00100
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*88.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4342571-1 03/01/26 09:34 • (LCSD) R4342571-2 03/01/26 09:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0359	0.0354	71.8	70.8	19.0-160	J	J	1.40	27
Acrylonitrile	0.0500	0.0429	0.0427	85.8	85.4	55.0-149			0.467	20
Benzene	0.0100	0.00952	0.00869	95.2	86.9	70.0-123			9.12	20
Bromochloromethane	0.0100	0.00873	0.00806	87.3	80.6	76.0-122			7.98	20
Bromodichloromethane	0.0100	0.00918	0.00845	91.8	84.5	75.0-120			8.28	20
Bromoform	0.0100	0.00877	0.00866	87.7	86.6	68.0-132			1.26	20
Bromomethane	0.0100	0.00940	0.00896	94.0	89.6	10.0-160			4.79	25
Carbon disulfide	0.0100	0.00944	0.00883	94.4	88.3	61.0-128			6.68	20
Carbon tetrachloride	0.0100	0.00901	0.00842	90.1	84.2	68.0-126			6.77	20
Chlorobenzene	0.0100	0.0102	0.00928	102	92.8	80.0-121			9.45	20
Chlorodibromomethane	0.0100	0.00969	0.00912	96.9	91.2	77.0-125			6.06	20
Chloroethane	0.0100	0.00961	0.00890	96.1	89.0	47.0-150			7.67	20
Chloroform	0.0100	0.00858	0.00812	85.8	81.2	73.0-120			5.51	20
Chloromethane	0.0100	0.00978	0.00980	97.8	98.0	41.0-142			0.204	20
Dibromomethane	0.0100	0.00908	0.00855	90.8	85.5	80.0-120			6.01	20
1,2-Dichlorobenzene	0.0100	0.0103	0.0100	103	100	79.0-121			2.96	20
1,4-Dichlorobenzene	0.0100	0.0103	0.0102	103	102	79.0-120			0.976	20
trans-1,4-Dichloro-2-butene	0.0100	0.00788	0.00817	78.8	81.7	33.0-144			3.61	20
1,1-Dichloroethane	0.0100	0.00879	0.00818	87.9	81.8	70.0-126			7.19	20
1,2-Dichloroethane	0.0100	0.00883	0.00824	88.3	82.4	70.0-128			6.91	20
1,1-Dichloroethene	0.0100	0.00978	0.00885	97.8	88.5	71.0-124			9.98	20
cis-1,2-Dichloroethene	0.0100	0.00904	0.00843	90.4	84.3	73.0-120			6.98	20
trans-1,2-Dichloroethene	0.0100	0.00976	0.00901	97.6	90.1	73.0-120			7.99	20
1,2-Dichloropropane	0.0100	0.00957	0.00893	95.7	89.3	77.0-125			6.92	20
cis-1,3-Dichloropropene	0.0100	0.00944	0.00886	94.4	88.6	80.0-123			6.34	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4342571-1 03/01/26 09:34 • (LCSD) R4342571-2 03/01/26 09:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
trans-1,3-Dichloropropene	0.0100	0.00996	0.00968	99.6	96.8	78.0-124			2.85	20
Ethylbenzene	0.0100	0.0100	0.00931	100	93.1	79.0-123			7.15	20
2-Hexanone	0.0500	0.0520	0.0499	104	99.8	67.0-149			4.12	20
Iodomethane	0.0500	0.0451	0.0408	90.2	81.6	33.0-147			10.0	26
2-Butanone (MEK)	0.0500	0.0402	0.0385	80.4	77.0	44.0-160			4.32	20
Methylene Chloride	0.0100	0.00935	0.00840	93.5	84.0	67.0-120			10.7	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0523	0.0506	105	101	68.0-142			3.30	20
Styrene	0.0100	0.0103	0.00976	103	97.6	73.0-130			5.38	20
1,1,1,2-Tetrachloroethane	0.0100	0.00914	0.00903	91.4	90.3	75.0-125			1.21	20
1,1,2,2-Tetrachloroethane	0.0100	0.0106	0.0104	106	104	65.0-130			1.90	20
Tetrachloroethene	0.0100	0.00932	0.00877	93.2	87.7	72.0-132			6.08	20
Toluene	0.0100	0.00988	0.00919	98.8	91.9	79.0-120			7.24	20
1,1,1-Trichloroethane	0.0100	0.00888	0.00805	88.8	80.5	73.0-124			9.81	20
1,1,2-Trichloroethane	0.0100	0.0103	0.00985	103	98.5	80.0-120			4.47	20
Trichloroethene	0.0100	0.00909	0.00853	90.9	85.3	78.0-124			6.36	20
Trichlorofluoromethane	0.0100	0.00920	0.00836	92.0	83.6	59.0-147			9.57	20
1,2,3-Trichloropropane	0.0100	0.0108	0.0106	108	106	73.0-130			1.87	20
Vinyl acetate	0.0500	0.0247	0.0236	49.4	47.2	11.0-160			4.55	20
Vinyl chloride	0.0100	0.0100	0.00947	100	94.7	67.0-131			5.44	20
Xylenes, Total	0.0300	0.0305	0.0275	102	91.7	79.0-123			10.3	20
(S) Toluene-d8				*102*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*90.4*	*89.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*100*	*70.0-130*				

QUALITY CONTROL SUMMARY

L1948740-02

Method Blank (MB)

(MB) R4342739-1 03/02/26 18:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ethylene Dibromide	U		0.00000550	0.0000200
1,2-Dibromo-3-Chloropropane	U		0.00000380	0.0000200
(S) 1,1,1,2-Tetrachloroethane	*109*			*60.0-140*

L1948817-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1948817-01 03/02/26 19:41 • (DUP) R4342739-4 03/02/26 19:31

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ethylene Dibromide	ND	ND	1.02	0.000		20
1,2-Dibromo-3-Chloropropane	ND	ND	1.02	0.000		20
(S) 1,1,1,2-Tetrachloroethane		*109*				*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4342739-5 03/02/26 20:53 • (LCSD) R4342739-6 03/02/26 22:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.000250	0.000212	0.000203	84.8	81.2	60.0-140			4.34	20
1,2-Dibromo-3-Chloropropane	0.000250	0.000187	0.000180	74.8	72.0	60.0-140			3.81	20
(S) 1,1,1,2-Tetrachloroethane				*101*	*102*	*60.0-140*				

L1948651-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1948651-05 03/02/26 19:00 • (MS) R4342739-2 03/02/26 18:49

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.000102	ND	0.000116	114	1.02	64.0-159	
1,2-Dibromo-3-Chloropropane	0.000102	ND	0.000103	101	1.02	72.0-148	
(S) 1,1,1,2-Tetrachloroethane				*107*		*60.0-140*	

L1949013-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1949013-10 03/02/26 19:20 • (MS) R4342739-3 03/02/26 19:10

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.000105	ND	0.000119	113	1.05	64.0-159	
1,2-Dibromo-3-Chloropropane	0.000105	ND	0.000105	100	1.05	72.0-148	

L1949013-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1949013-10 03/02/26 19:20 • (MS) R4342739-3 03/02/26 19:10

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
(S) 1,1,1,2-Tetrachloroethane				*106*		*60.0-140*	

L1948428-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1948428-01 03/02/26 23:45 • (MS) R4342721-1 03/02/26 23:35

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.000104	ND	0.000147	141	1.04	64.0-159	P
1,2-Dibromo-3-Chloropropane	0.000104	ND	0.0000922	88.7	1.04	72.0-148	P
(S) 1,1,1,2-Tetrachloroethane				*95.8*		*60.0-140*	

Method Blank (MB)

(MB) R4343620-1 03/04/26 15:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Ethylene Dibromide	U		0.00000550	0.0000200
1,2-Dibromo-3-Chloropropane	U		0.00000380	0.0000200
(S) 1,1,1,2-Tetrachloroethane	*109*			*60.0-140*

L1948837-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1948837-01 03/04/26 16:09 • (DUP) R4343620-3 03/04/26 15:59

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Ethylene Dibromide	ND	ND	1	0.000		20
1,2-Dibromo-3-Chloropropane	ND	ND	1	0.000		20
(S) 1,1,1,2-Tetrachloroethane		*94.9*				*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4343620-4 03/04/26 17:41 • (LCSD) R4343620-5 03/04/26 19:33

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylene Dibromide	0.000250	0.000201	0.000207	80.4	82.8	60.0-140			2.94	20
1,2-Dibromo-3-Chloropropane	0.000250	0.000174	0.000179	69.6	71.6	60.0-140			2.83	20
(S) 1,1,1,2-Tetrachloroethane				*104*	*101*	*60.0-140*				

L1948870-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1948870-01 03/04/26 15:49 • (MS) R4343620-2 03/04/26 15:39

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Ethylene Dibromide	0.000104	ND	0.000125	120	1.04	64.0-159	
1,2-Dibromo-3-Chloropropane	0.000104	ND	0.0000955	91.8	1.04	72.0-148	
(S) 1,1,1,2-Tetrachloroethane				*95.2*		*60.0-140*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P	RPD between the primary and confirmatory analysis exceeded 40%.
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:	Billing Information:	Pres Chk	Chain of Custody Page ___ of ___
Republic Services - EAG 21712 TN-72 Loudon, TN 37774	Accounts Payable 621 Hill Ave Nashville, TN 37210		Pace® PEOPLE ADVANCING SCIENCE **MT JULIET, TN** 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Report to: Stoddard Pickrell 865-458-2651	Email To: jmontello@eagoninc.com;jmcclellan@eagoninc.		SDG # 1948740
Project Description: Matlock Bend LF - Loudon, TN	City/State Collected:	Please Circle: PT MT CT ET	**D121**
Regulatory Program(DOD,RCRA,DW,etc):	Client Project #	Lab Project # REPEAGTN-MATLOCK	Acctnum: REPEAGTN
Collected by (print): Blake King	Site/Facility ID #	P.O. # 31327749	Template: T289386
Collected by (signature): [signature]	Rush? (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day ___ STD TAT	Quote #	Prelogin: P1210794
Immediately Packed on Ice N___ Y X		Date Results Needed	PM: 526 - Chris McCord PB: AGN 2-24 Shipped Via: Client

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*NO3,F,Cl,SO4* 125mlHDPE-NoPres	ALK 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH	COD,NH3 250mlHDPE-H2SO4	Diss. Mn 250mlHDPE-NoPres	SV8011 40mlClr-NaThio	TDS 1L-HDPE NoPres	TOC 250mlAmb-HCl	Total Metals 250mlHDPE-HNO3	V8260AP1 40mlAmb-HCl	Remarks	Sample # (lab only)
SOUTHWEST SPRING	Grab	GW	—	2-27-26	14:15	14	X	X	X	X	X	X	X	X	X	X		-01
		~~GW~~				~~14~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
Trip Blank												X				X		-02

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other________

Remarks: Total Metals = M6020AP1 + Ca,Fe,K,Mg,Na

pH ______ Temp ______

Flow ______ Other ______

Samples returned via: __ UPS __ FedEx __ Courier Clt

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	2-27-26	4:20pm		2	Ice
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature) Susan Peach	Temp: °C 7GA80.8+0=0.8 Bottles Received: 14	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature] PACE	Date: 2/27/26 Time: 1620	Hold: Condition: NCF / OK

Weaver Consultants Group

GROUNDWATER SAMPLING FIELD DATA SHEET

Facility: **Matlock Bend Landfill** Spring Name: **Southwest Spring** Collection Sequence: **1/1**

Location: **Loudon County, TN** Purged & Sampled By: **Blake King**

Type:	☐ Groundwater	☐ Surface	☐ Treatment Effluent	☑ Other	Spring
Equipment:	☐ Bailer	☐ Dipper	☐ Dedicated Pump	☑ Other	Grab
Well Status:	☑ Detection	☐ Background	☐ Assessment	☐ Corrective Action	☐ Other
Casing Size:	☐ 2"	☐ 4"	☐ 6"	☑ Other	

Weather Conditions: Sunny in the 70s F, no wind, rained 1 day prior

Event Start Date:	**2/27/2026**	Depth to Water on Event Start Date:	**N/A**
Top of Casing (ft/MSL):	**N/A**	W.L. Elevations (ft/MSL):	**N/A**
Depth to Water Prior to Purge (ft):	**N/A**	Volume in Casing (gal):	**N/A**
Depth of Well (ft):	**N/A**	Volume Purged (gal):	**N/A**
Purge Time until Stable (mins):	**N/A**	Depth to Water after Purge (ft):	**N/A**
Drawdown Prior to Sample (ft):	**N/A**	Depth to Water at Sample (ft):	**N/A**

Sample Date: **2/27/2026** Purge Start: **N/A** Purge End: **N/A** Sample Time: **14:15**

Time	Volume (gal)	pH (S.U.)	Specific Conductance (µS/cm)	Temperature (°C)	ORP (mV)	D.O (mg/L)	Turbidity (NTU)	Purge Rate (gpm)
14:10	N/A	6.50	2741.00	16.60	67.80	3.55	2.78	N/A

Odor at sample: Slight Must Field QC Sample: N/A Field QC Sample Time: N/A

Well Integrity: N/A

Purge Description: Iron oxidizing bacteria residue forming on ground under spring flow, water clear

Quarterly Parameters: Appendix I & additional parameters

Meter Calibration: pH, Temp, Conductivity*: Model: YSI ProDSS

Water Level Meter: Model: N/A

*Field Meter Calibration Date: 2/20/2026 *Field Meter Calibration Time: N/A

I certify that this sample was collected and handled in accordance with applicable regulatory and project protocols.

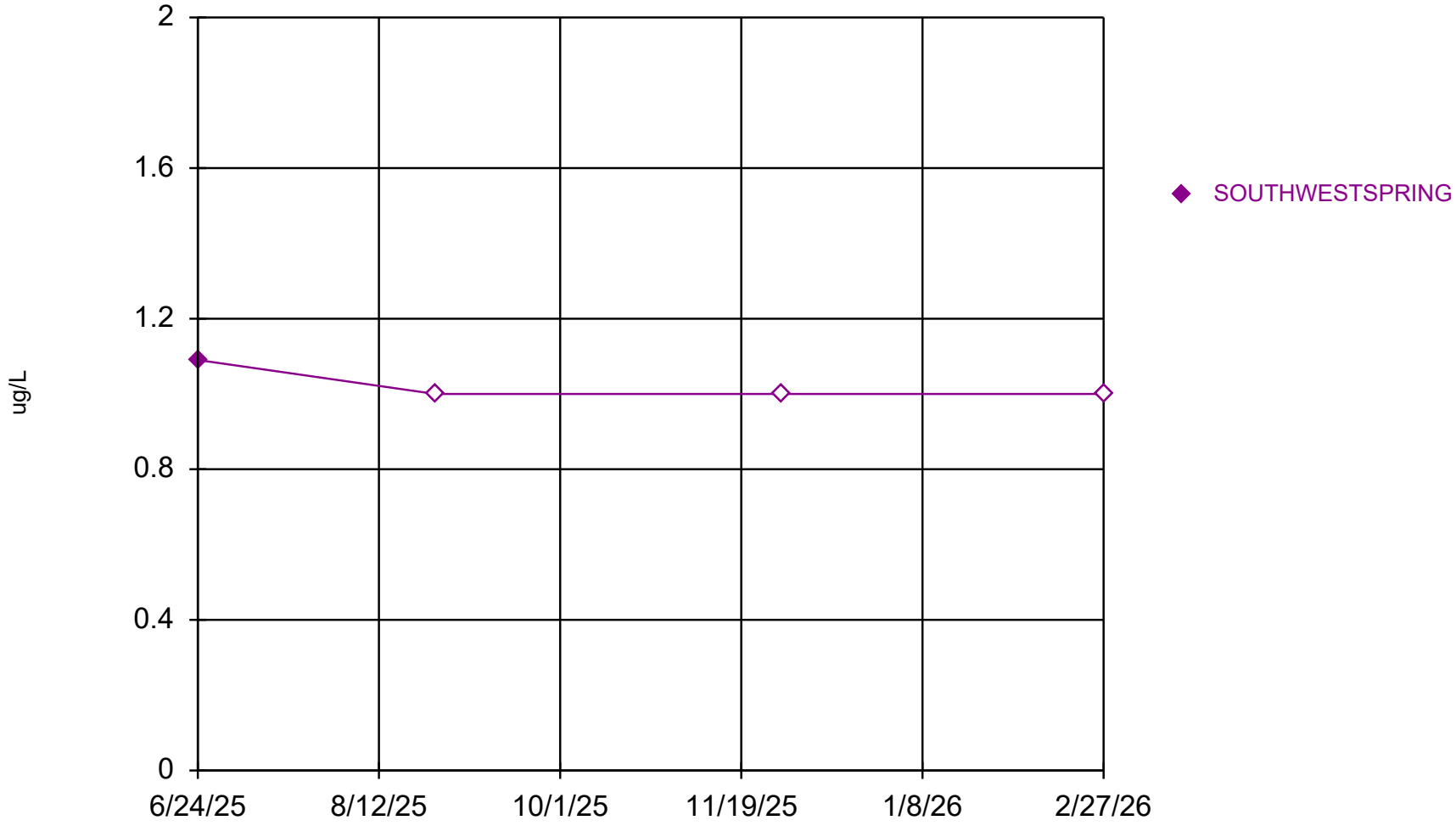
Signature: Blake King Date: 2/27/2026

APPENDIX B.

TIME SERIES PLOTS FOR DETECTED PARAMETERS

Hollow symbols indicate censored values.

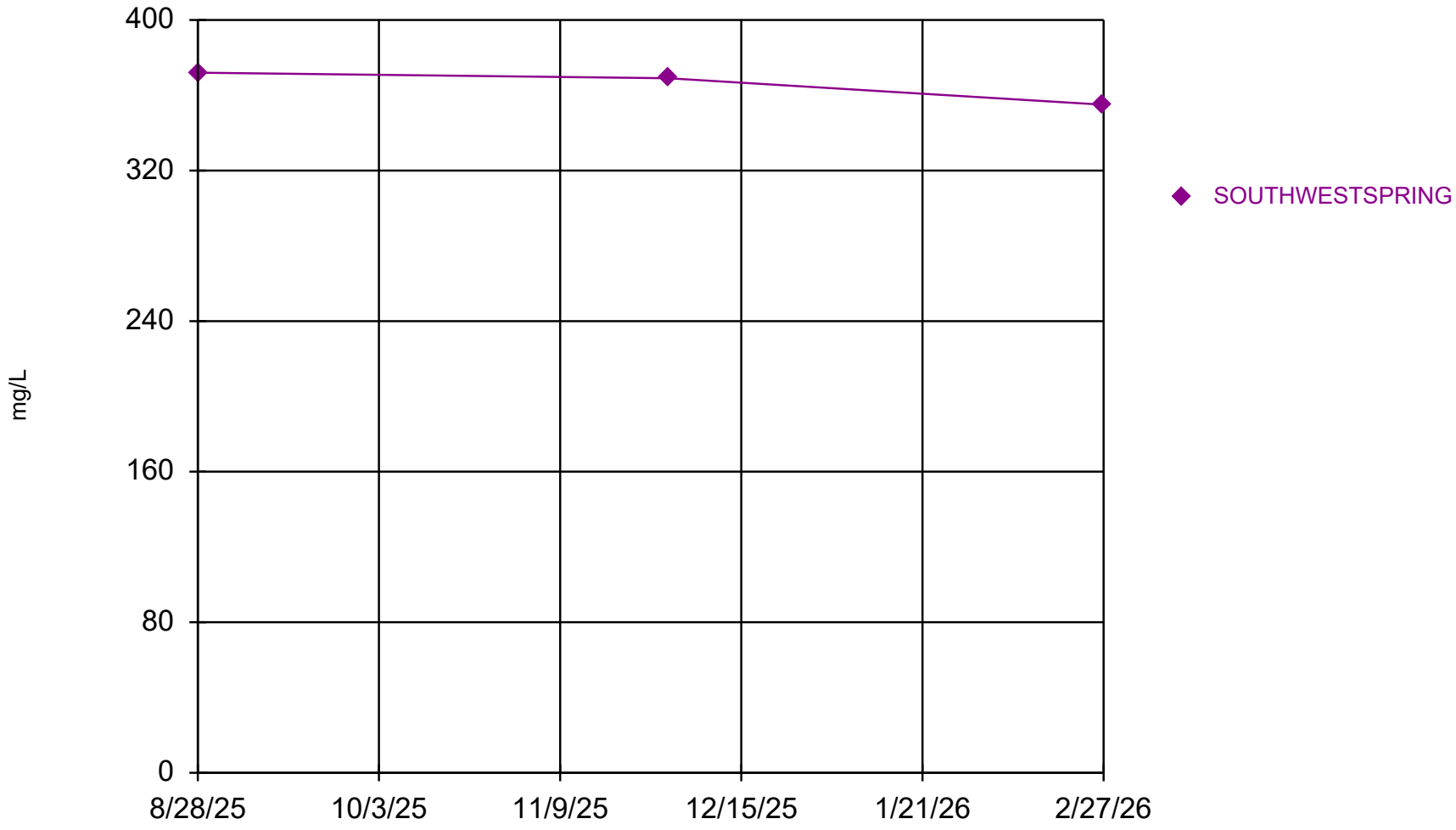
Time Series



Constituent: 1,4-Dichlorobenzene Analysis Run 4/10/2026 3:56 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

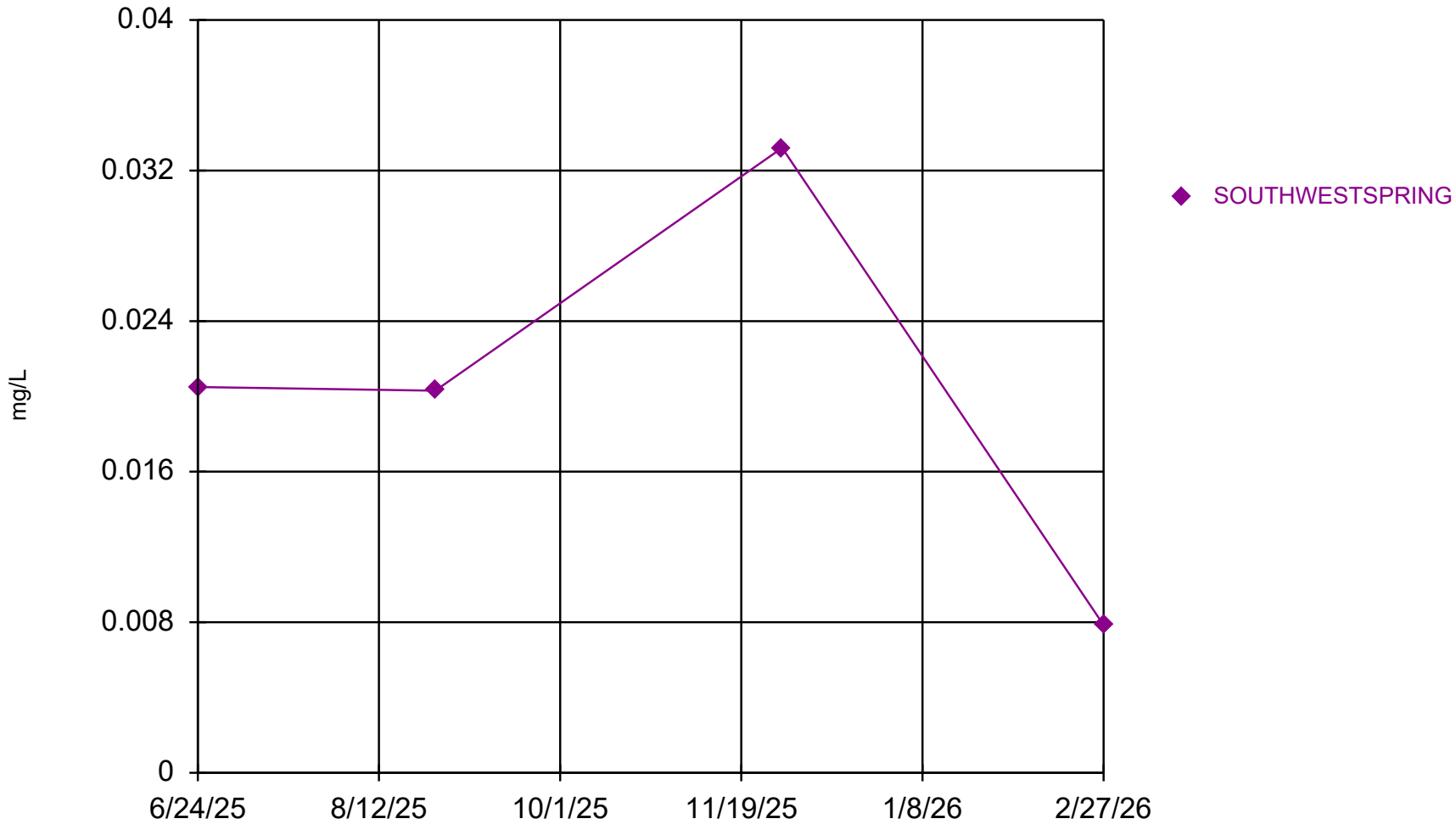
Time Series



Constituent: Alkalinity Analysis Run 4/10/2026 3:56 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

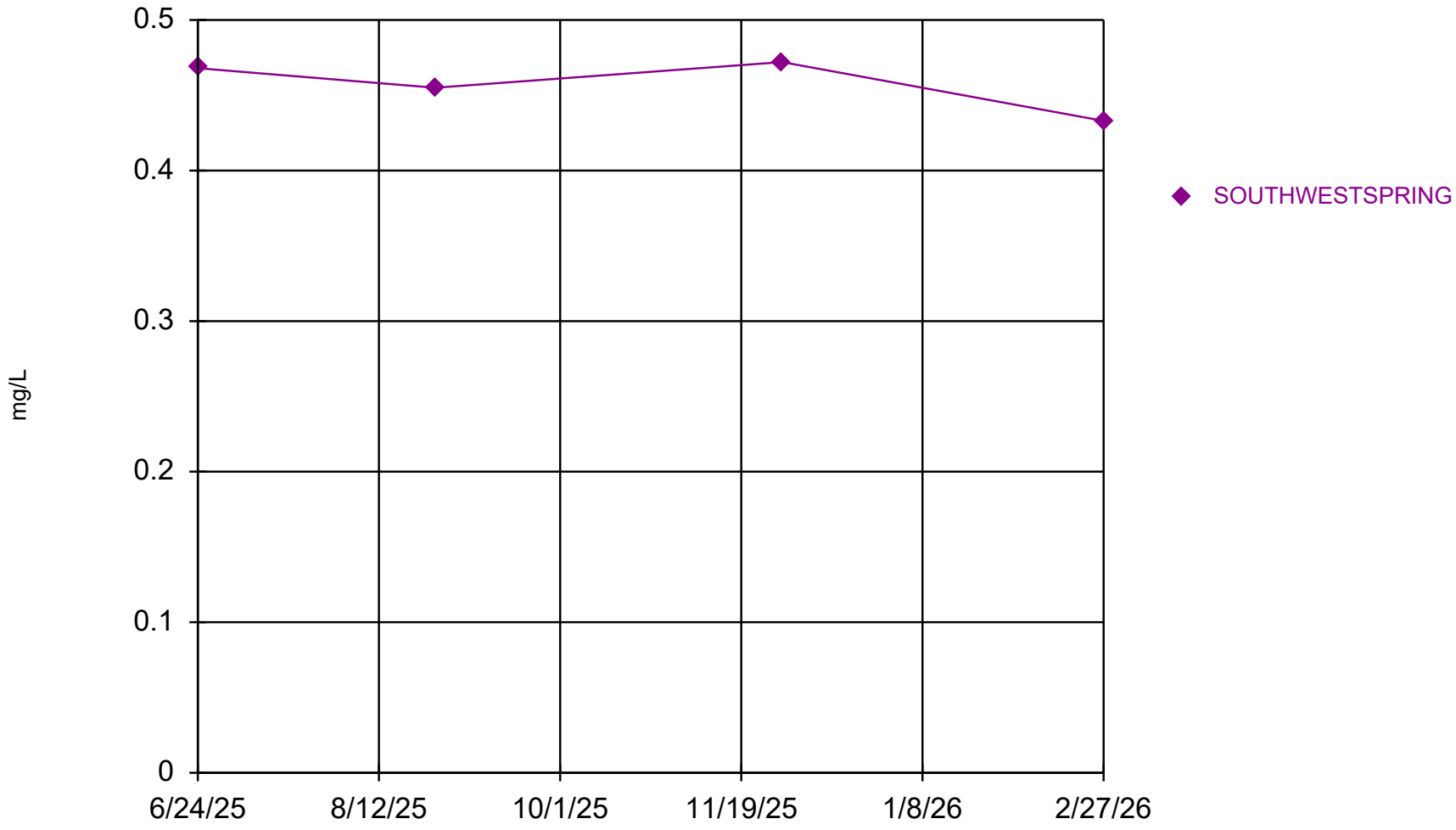
Time Series



Constituent: Arsenic, Total Analysis Run 4/10/2026 3:56 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

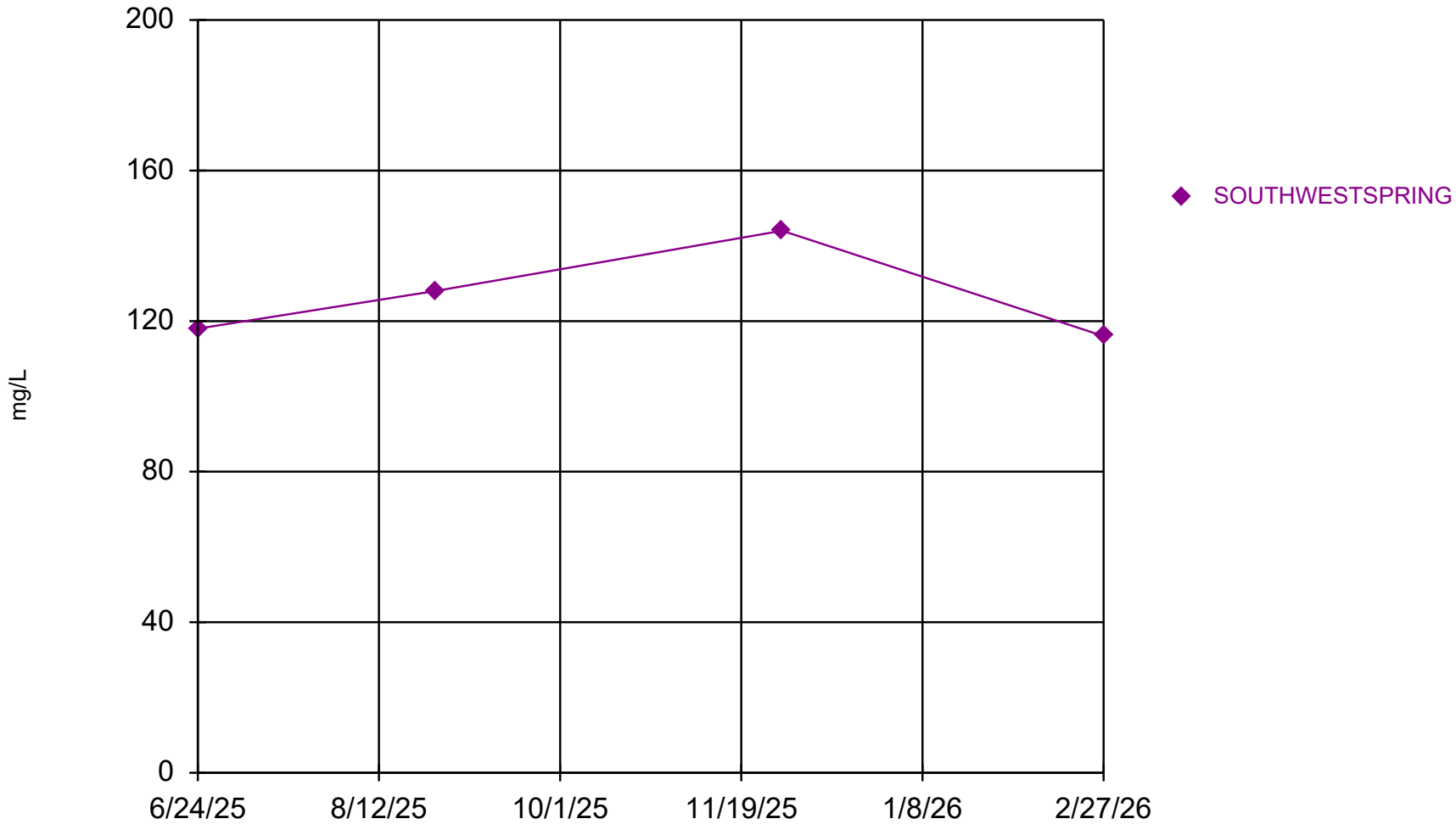
Time Series



Constituent: Barium, Total Analysis Run 4/10/2026 3:56 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

Time Series

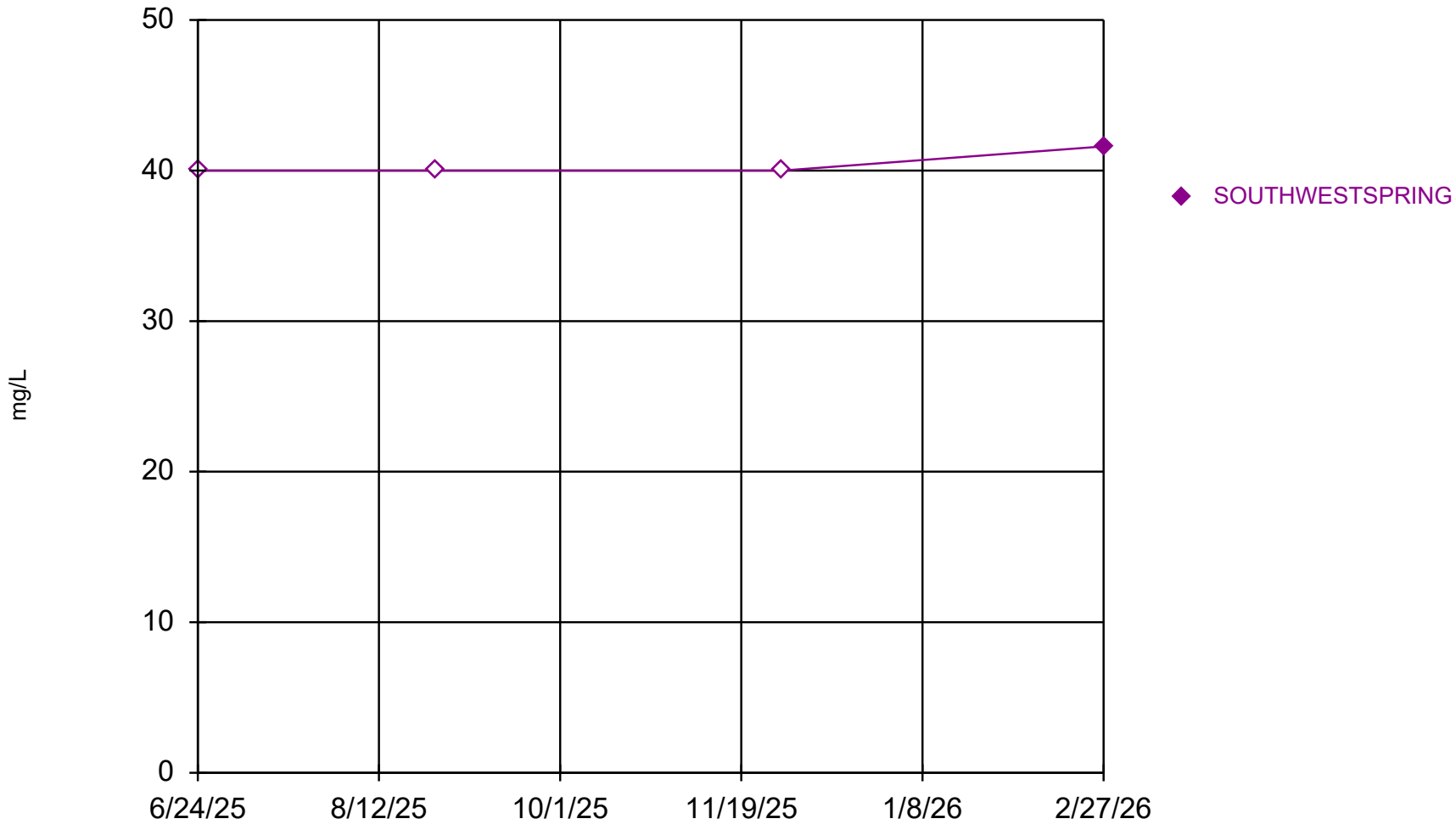


Constituent: Calcium, Total Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

Hollow symbols indicate censored values.

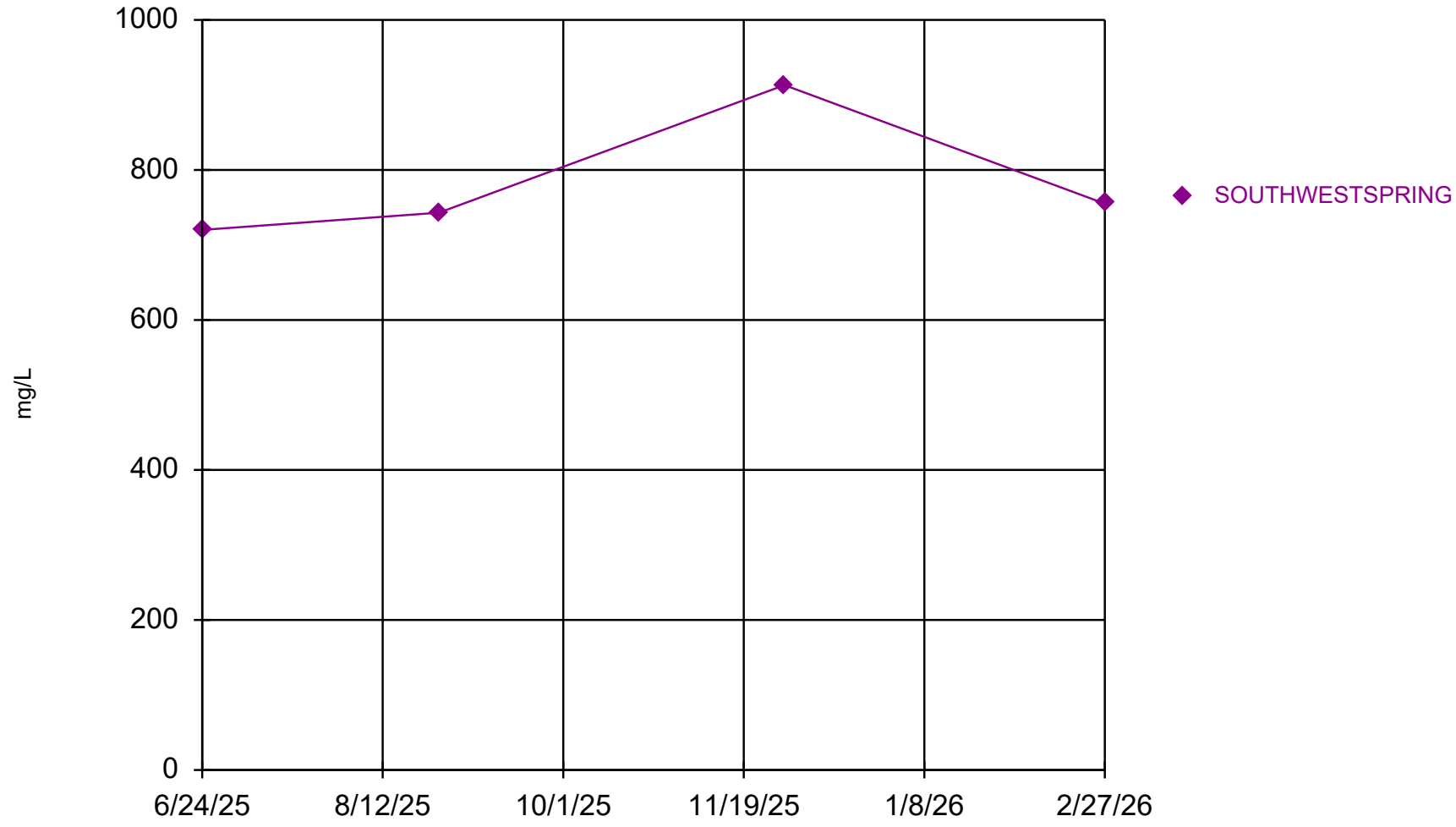
Time Series



Constituent: Chemical Oxygen Demand Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

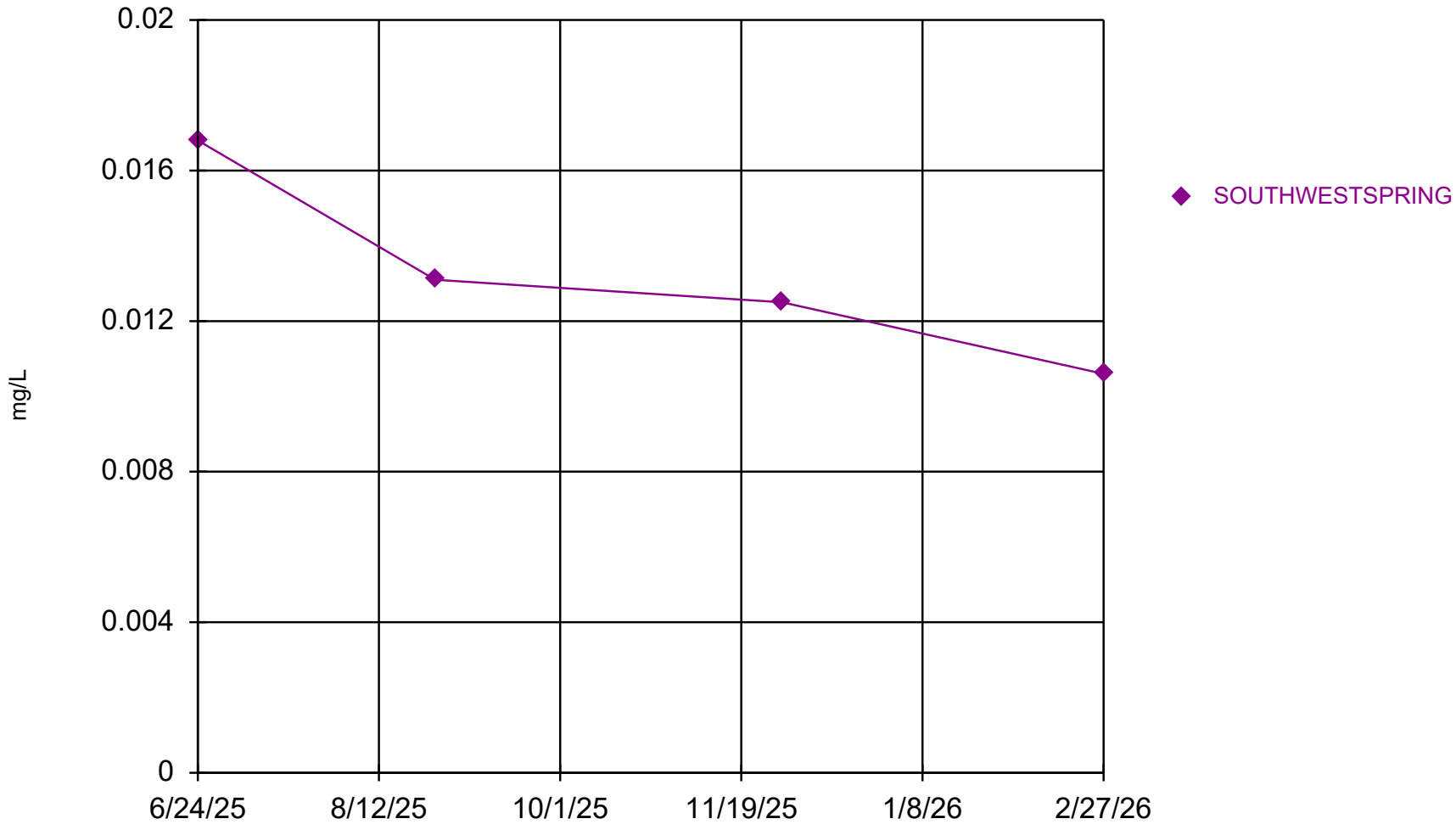
Time Series



Constituent: Chloride Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

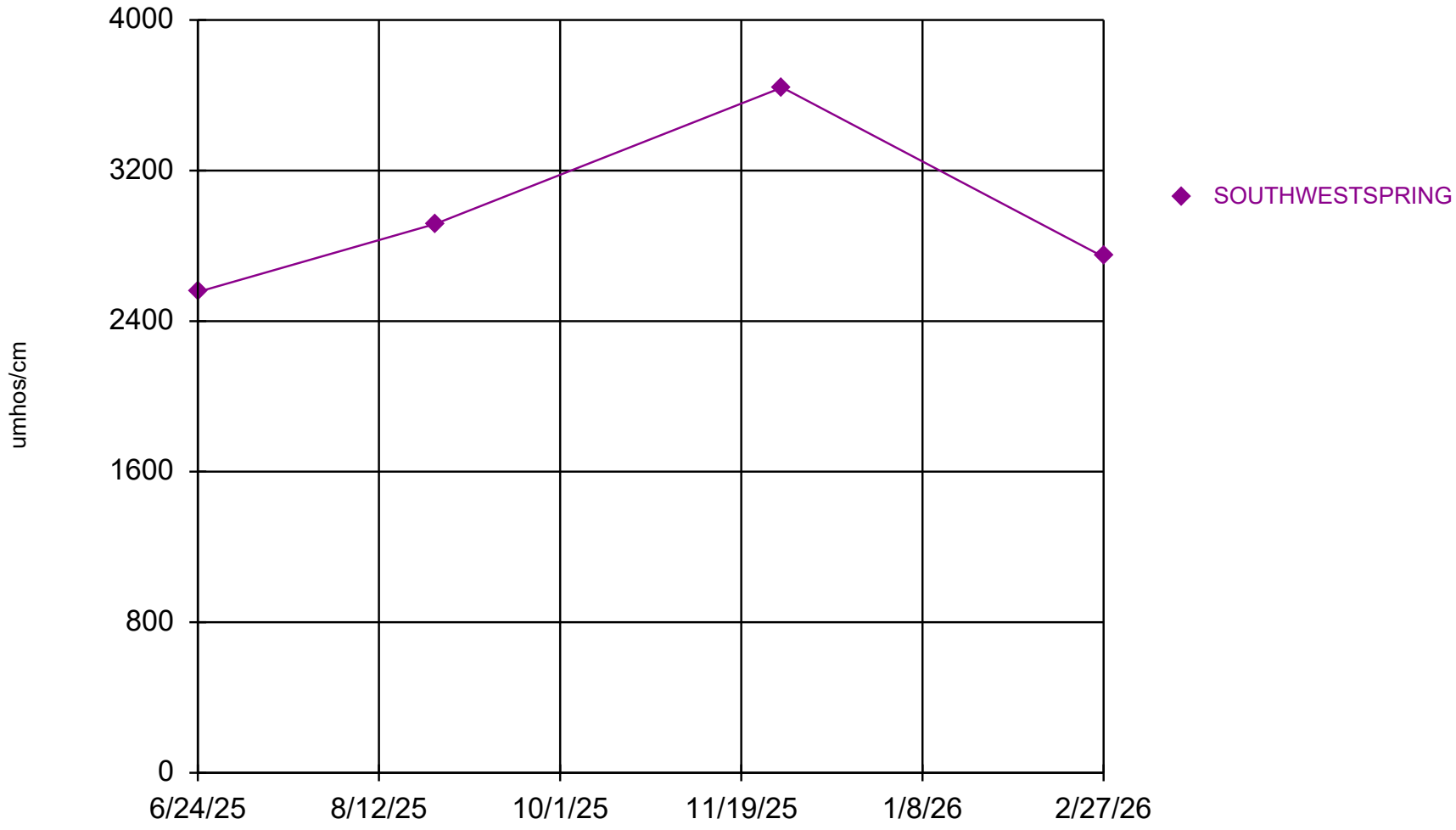
Time Series



Constituent: Cobalt, Total Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

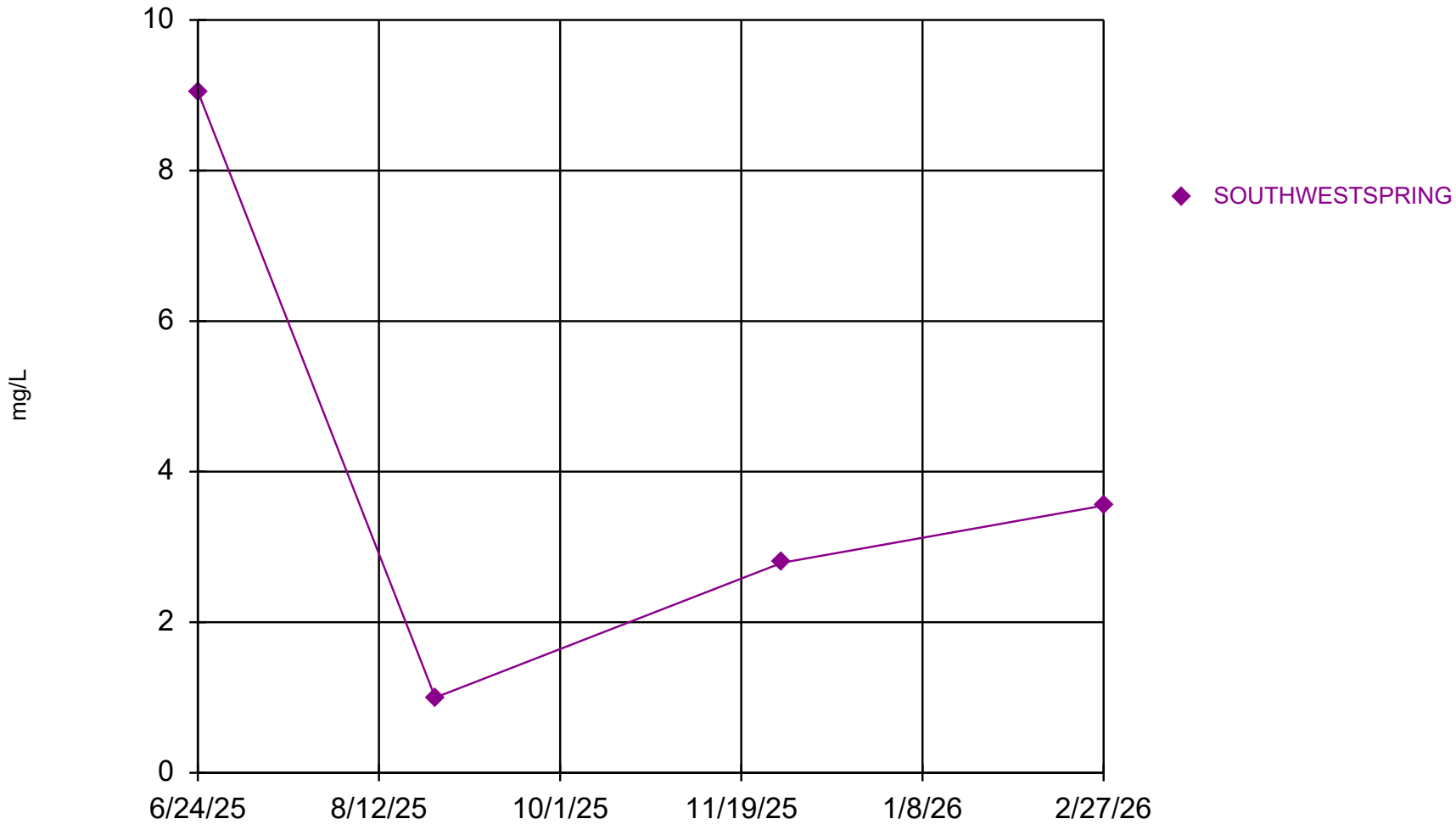
Time Series



Constituent: Conductance Field Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

Time Series

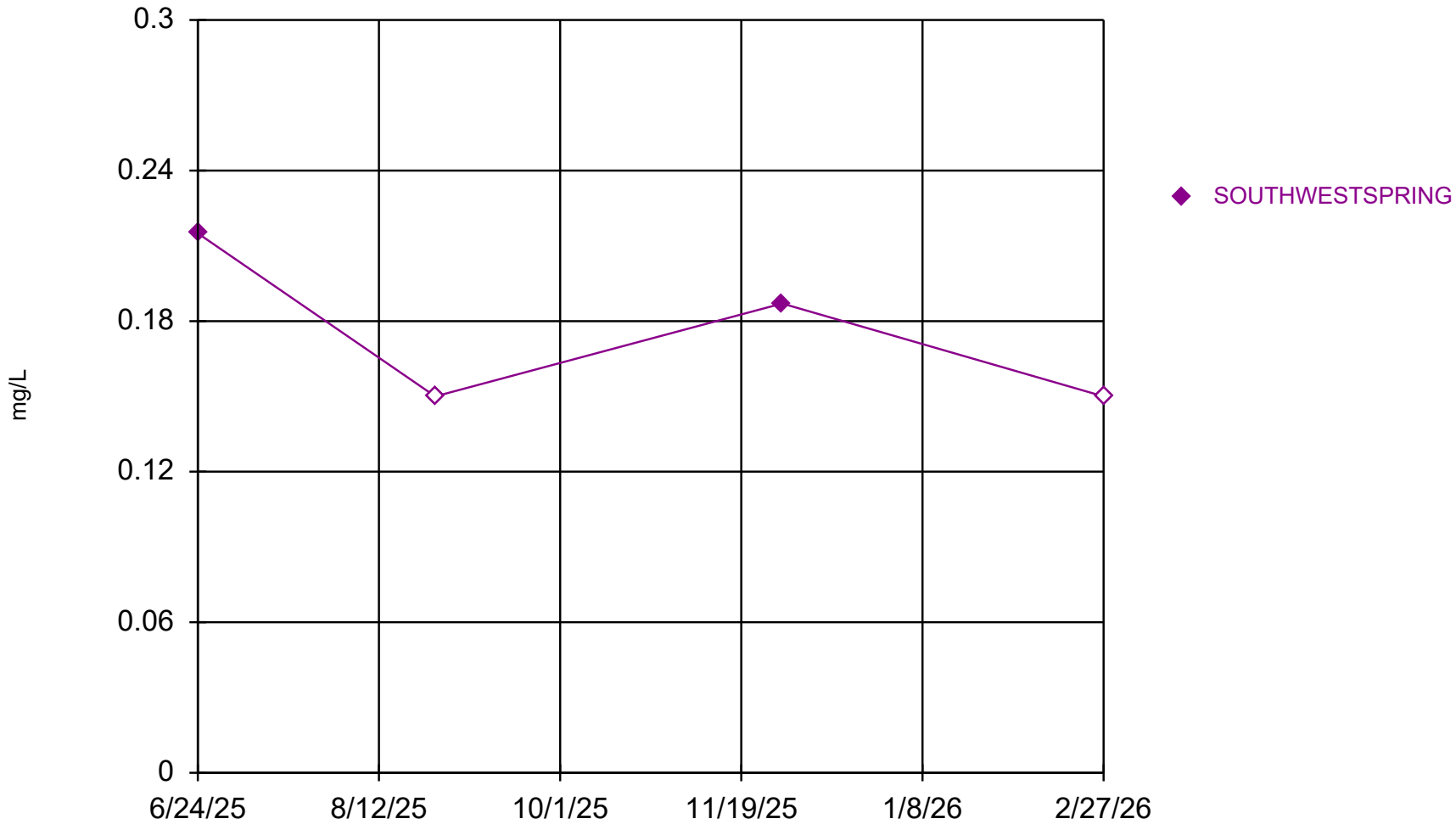


Constituent: Dissolved Oxygen, Field Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

Hollow symbols indicate censored values.

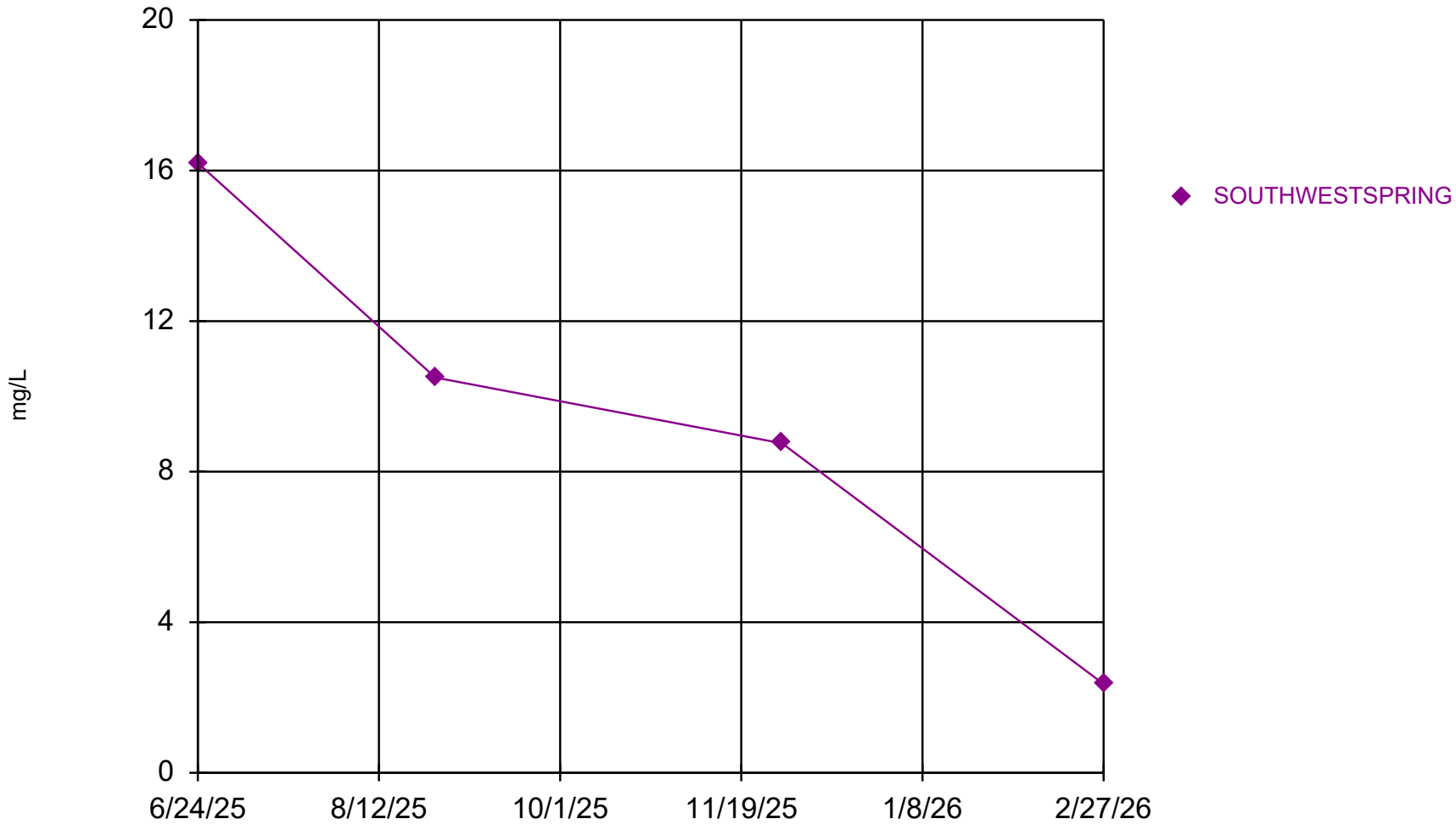
Time Series



Constituent: Fluoride, Total Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

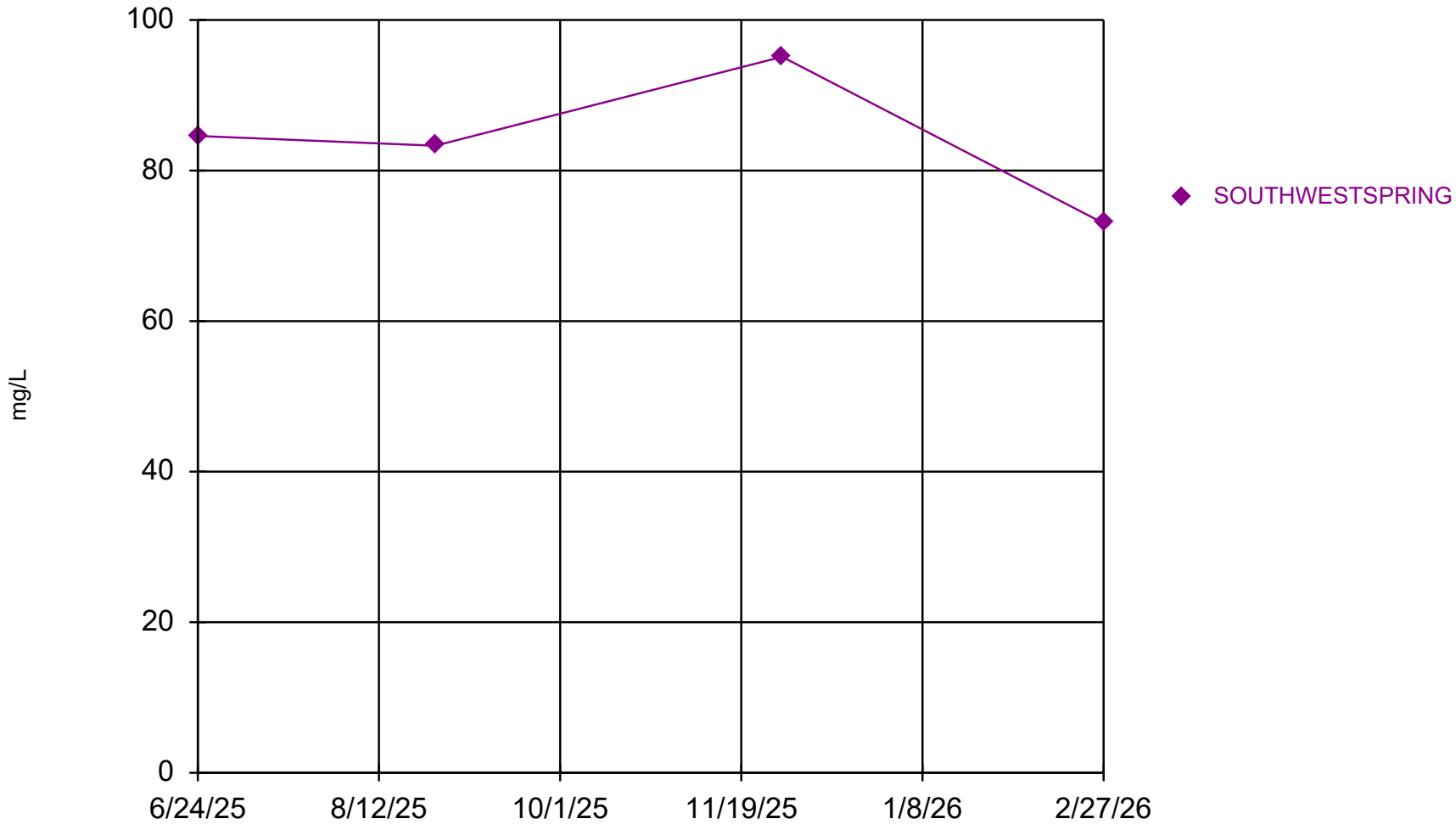
Time Series



Constituent: Iron, Total Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

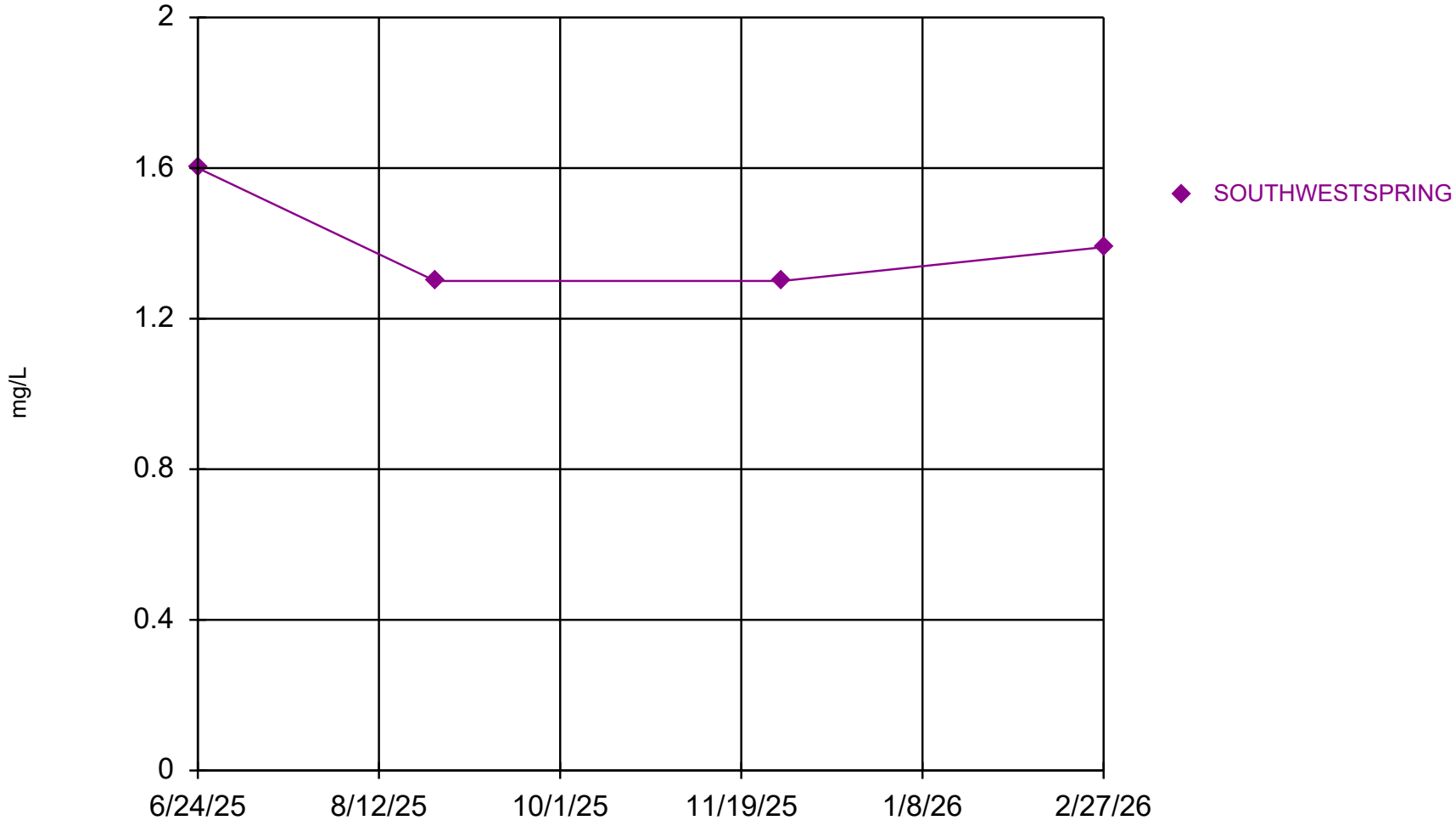
Time Series



Constituent: Magnesium, Total Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

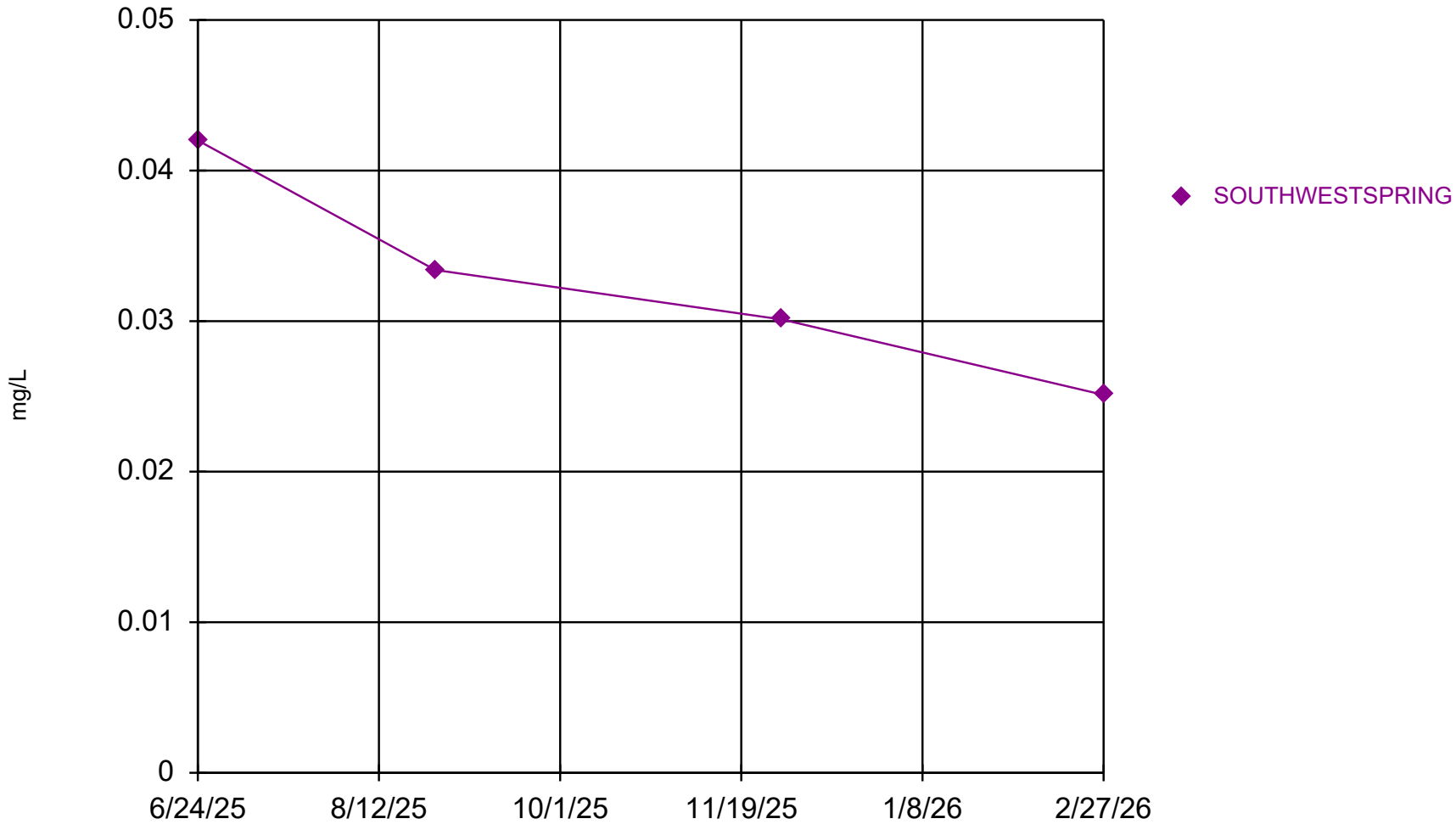
Time Series



Constituent: Manganese, Dissolved Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

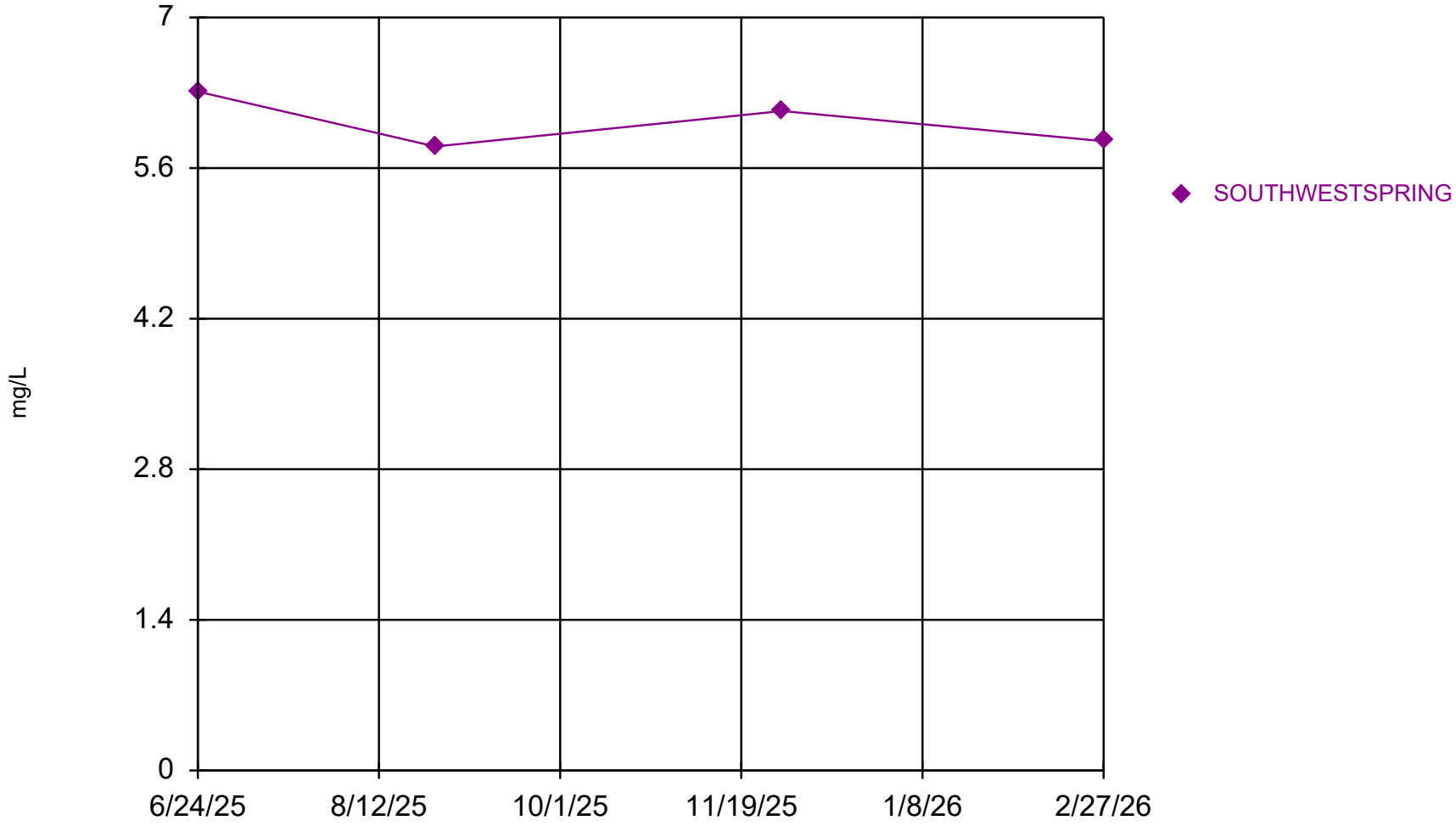
Time Series



Constituent: Nickel, Total Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

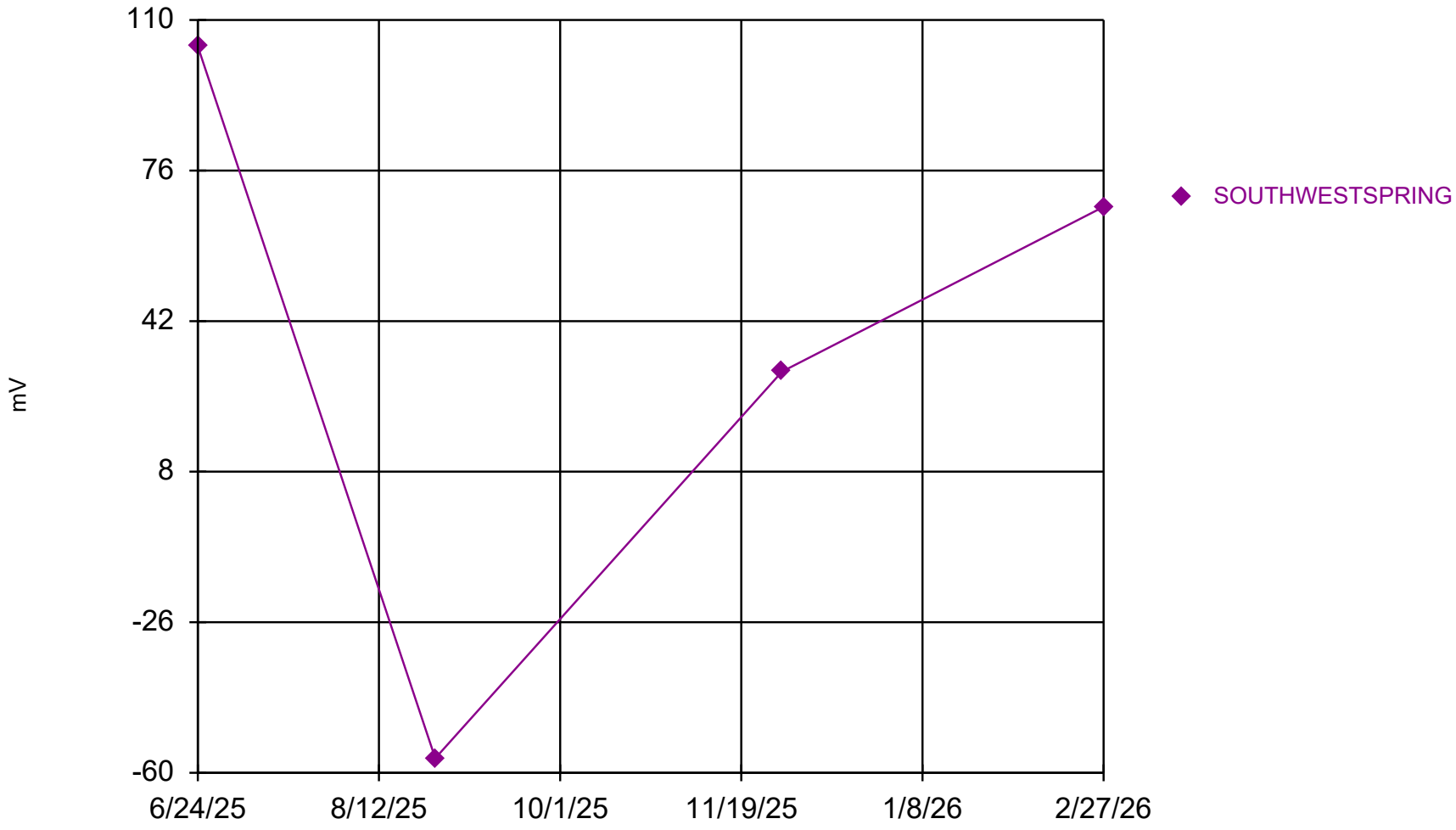
Time Series



Constituent: Nitrogen, Ammonia Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

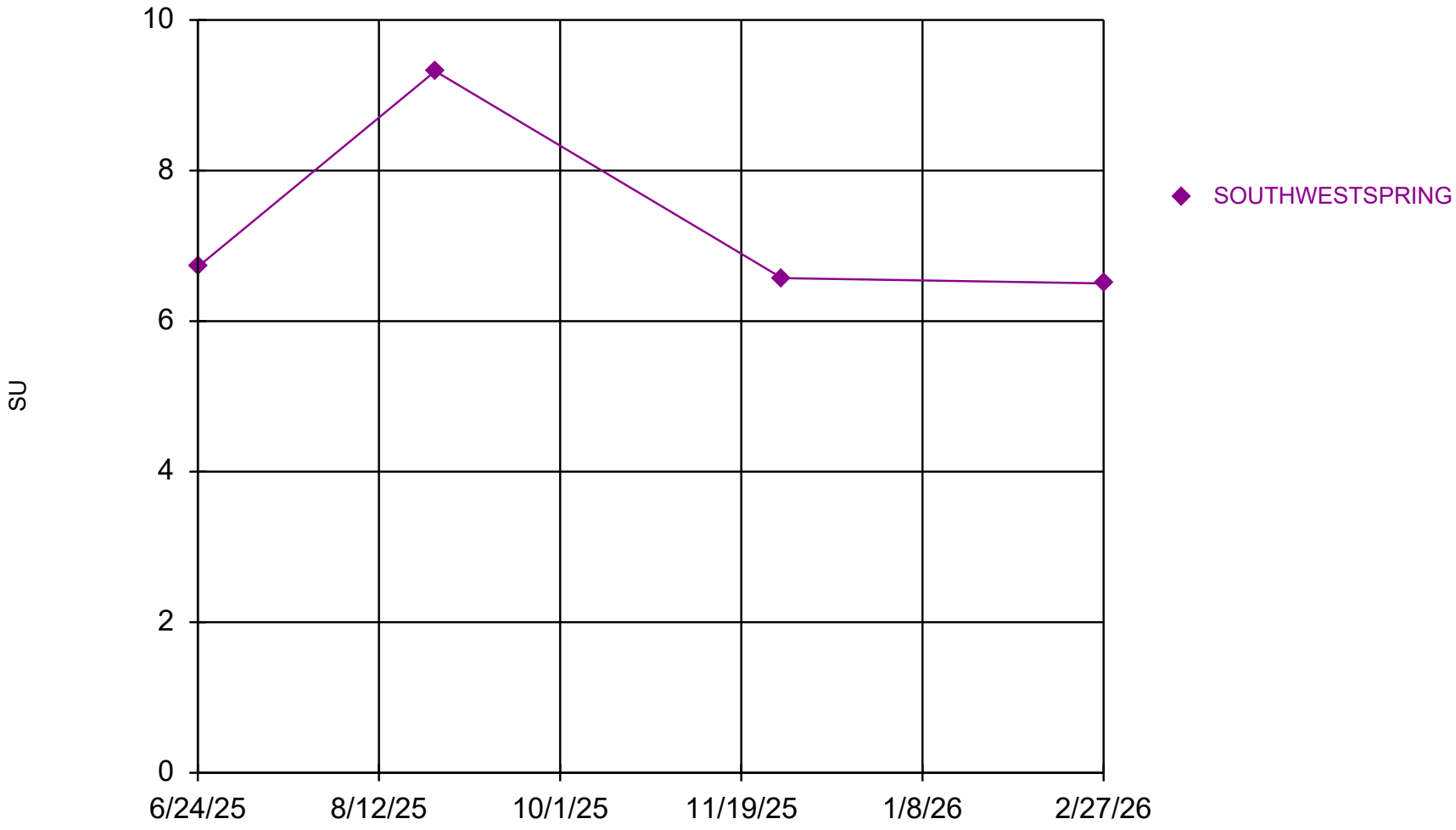
Time Series



Constituent: ORP, Field Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

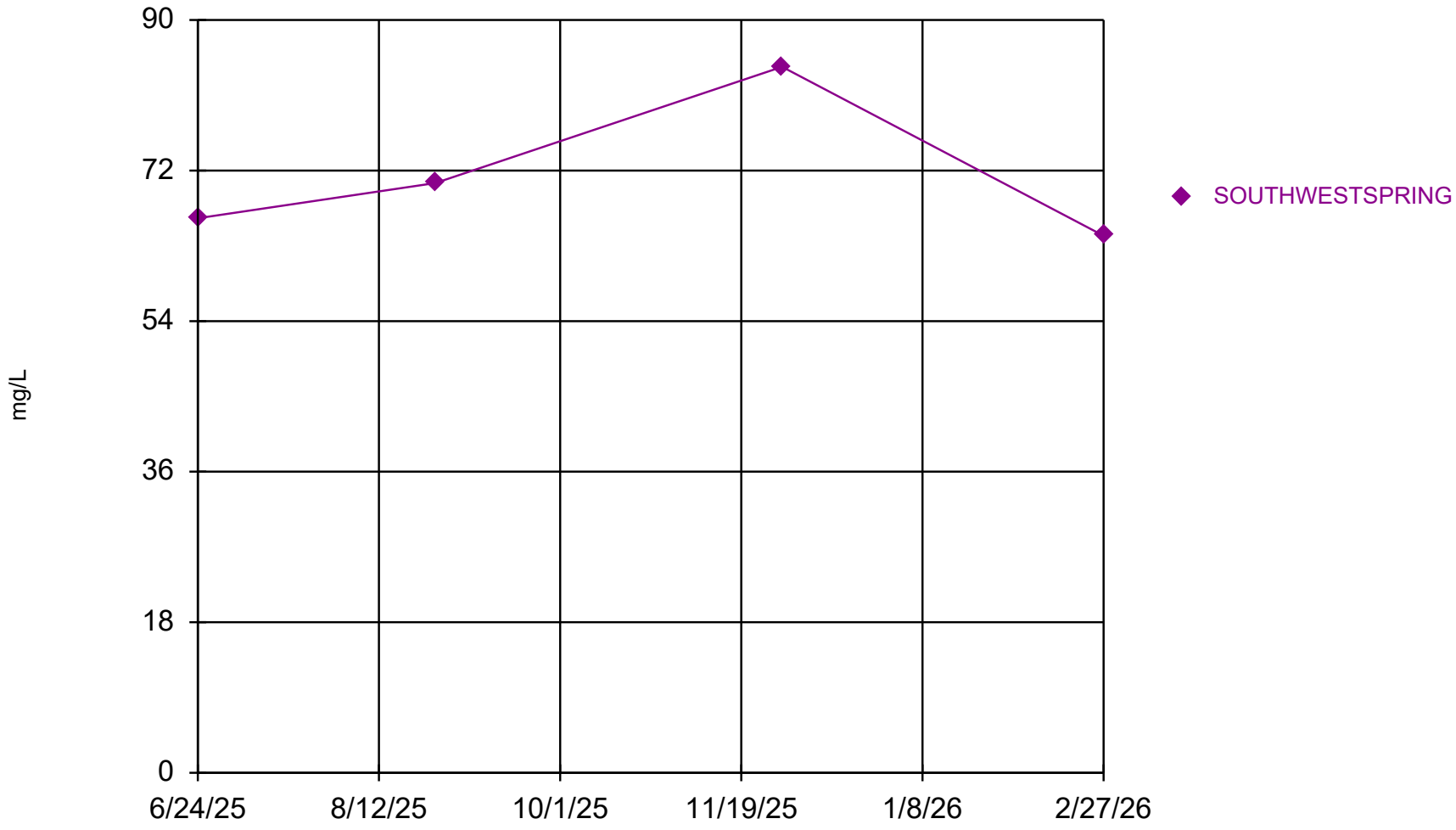
Time Series



Constituent: pH, Field Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

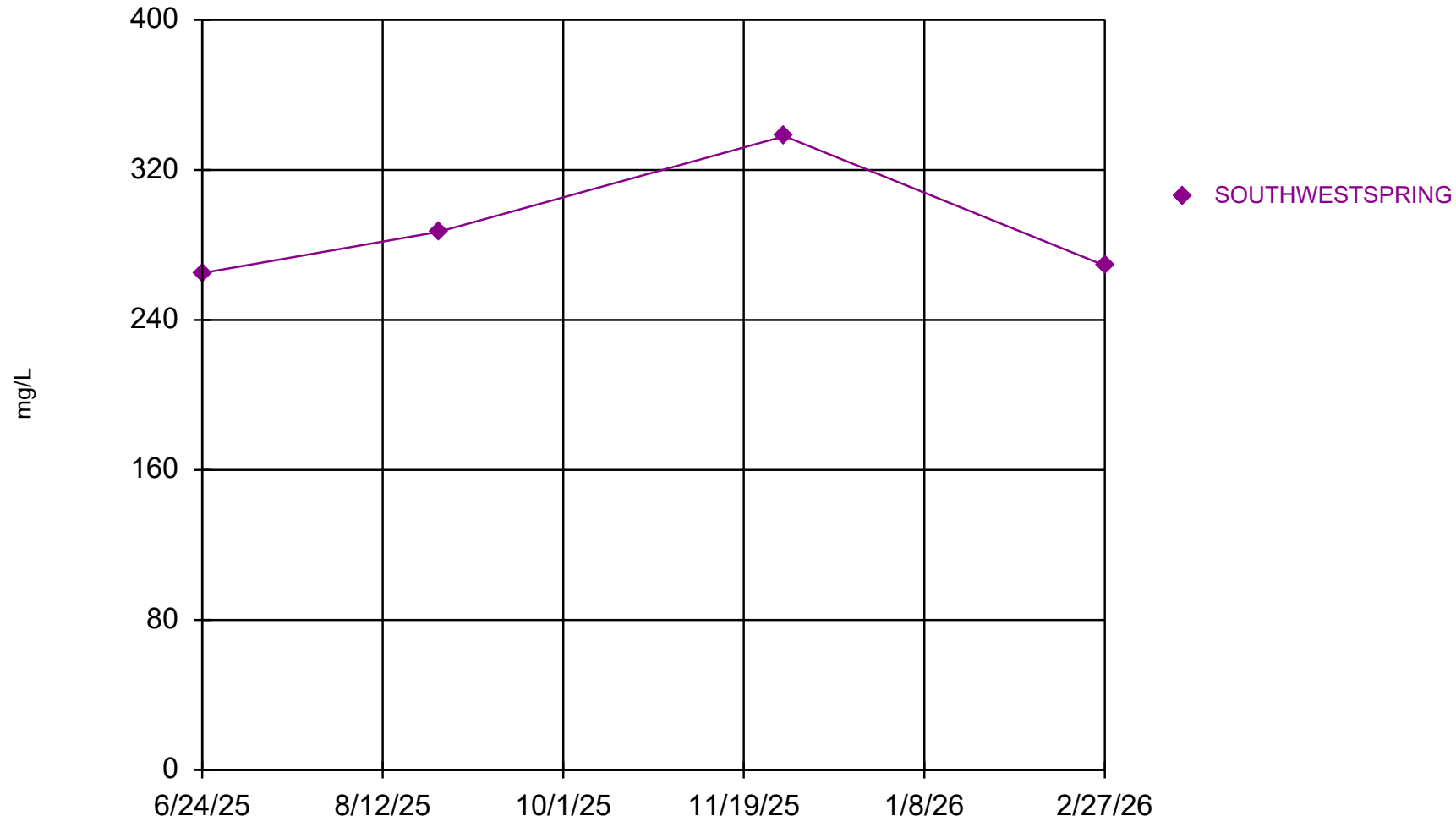
Time Series



Constituent: Potassium, Total Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

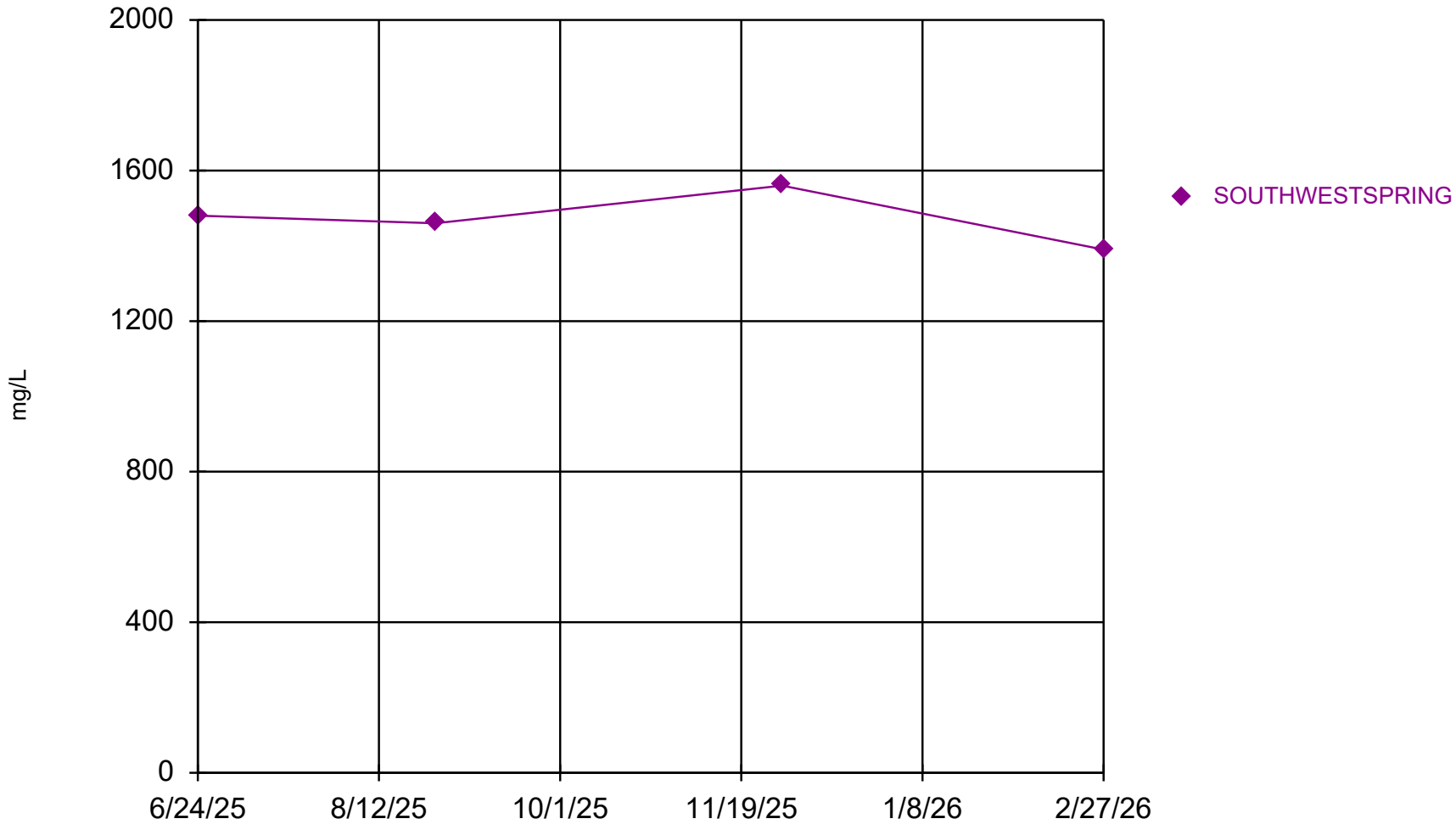
Time Series



Constituent: Sodium, Total Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

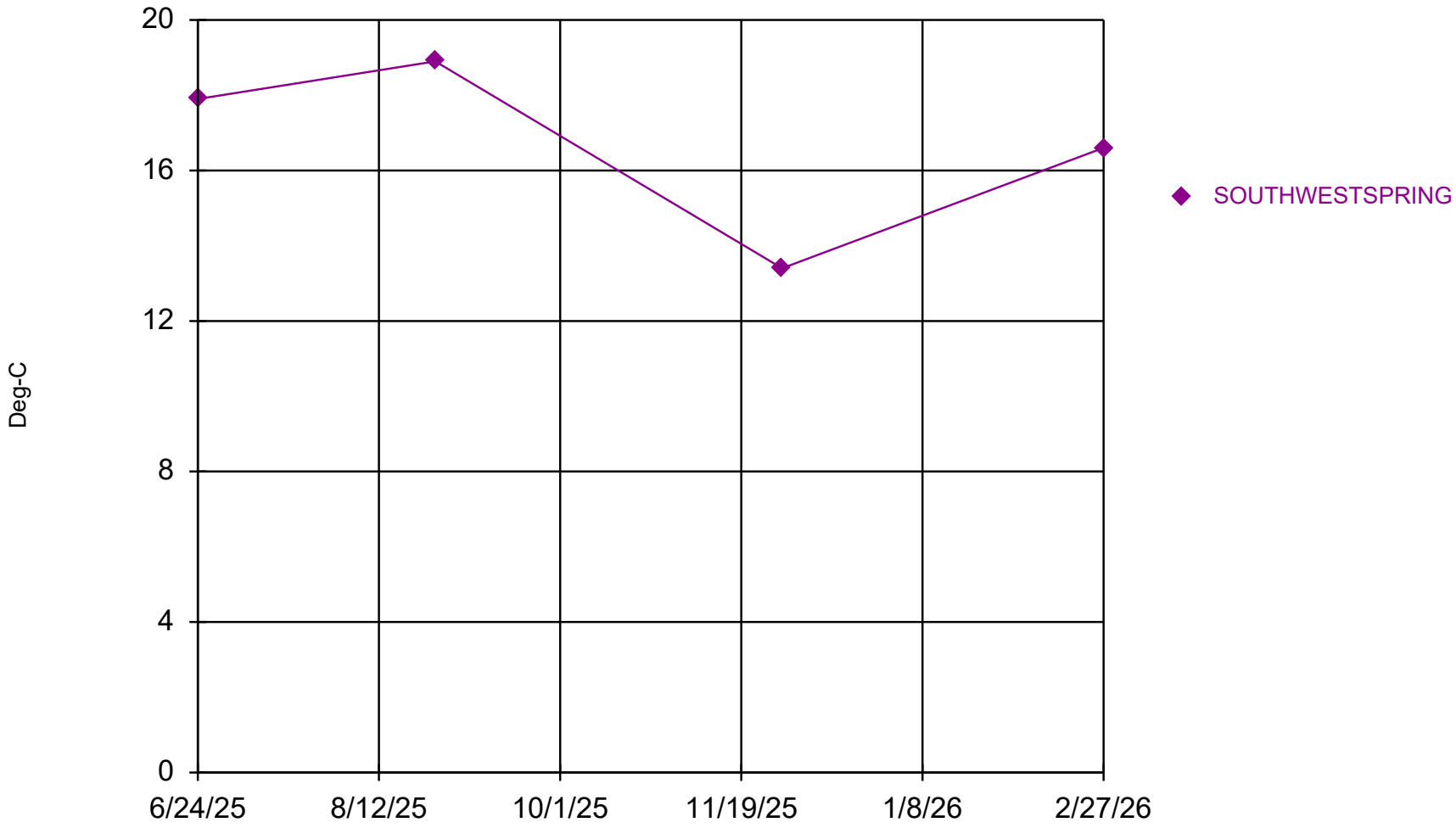
Time Series



Constituent: Solids, Total Dissolved Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

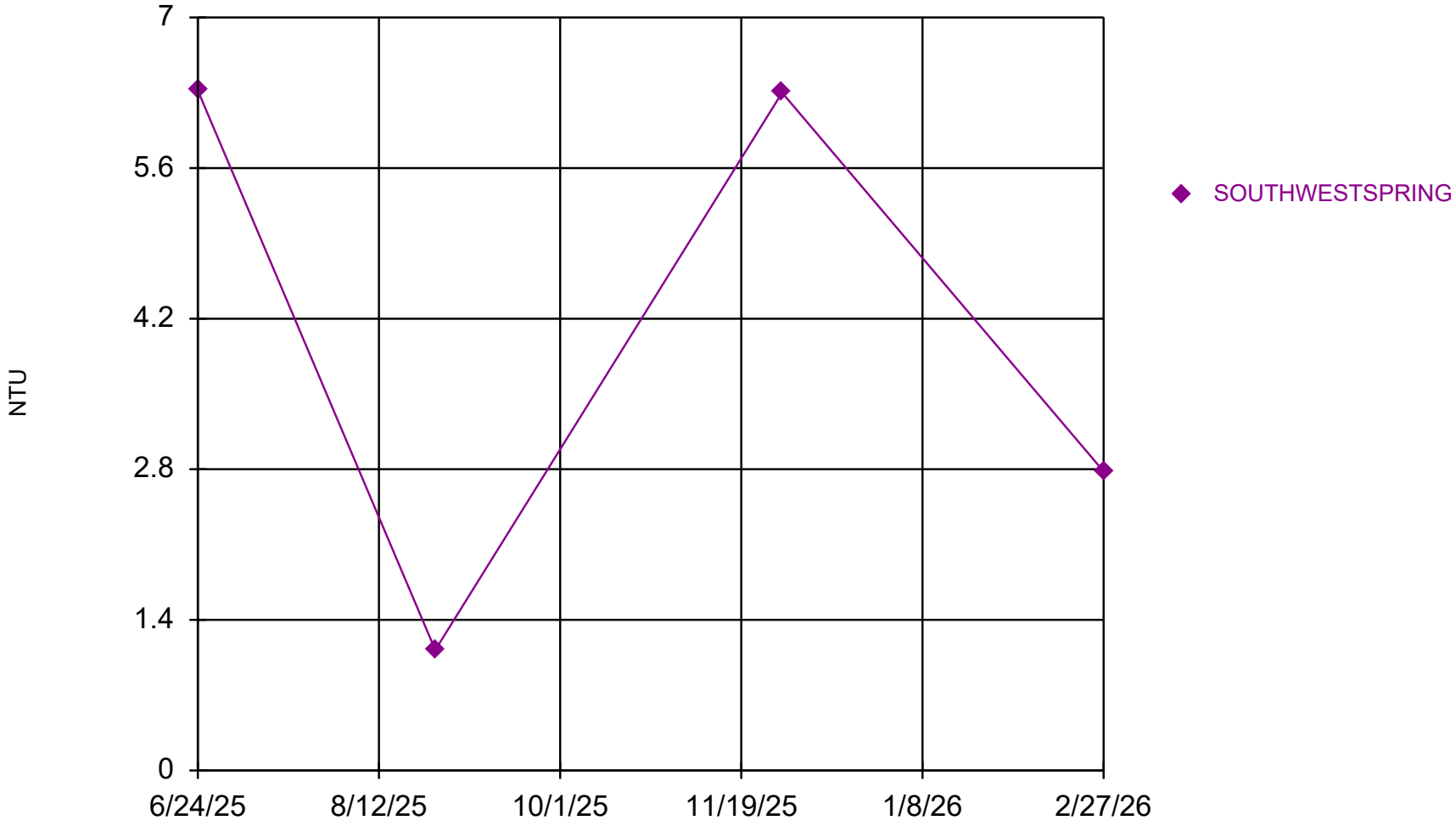
Time Series



Constituent: Temperature, Field Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

Time Series



Constituent: Turbidity, Field Analysis Run 4/10/2026 3:57 PM View: Data Summary Tables

Matlock Bend Landfill Client: Republic Services Data: Matlock Bend Landfill

2025 Loudon County Leachate and WWTS Disposal Numbers

	2025												2025
Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Landfill Leachate Gallons	949,756	1,719,782	2,001,604	1,621,582	2,660,548	2,275,736	789,096	478,628	579,107	773,508	597,483	1,058,605	15,505,435
WWT Sludge Tons	736	673	737	621	667	557	256	409	437	494	460	623	6,670
	2026												2026
Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Landfill Leachate Gallons	1,154,836	1,129,376	1,604,052	692,872	0	0	0	0	0	0	0	0	4,581,136
WWT Sludge Tons	646	601	612	663	0	0	0	0	0	0	0	0	2,522

REPUBLIC SERVICES

Monthly Operations Report
Matlock Bend Landfill
May 21, 2026

Presented by:

Republic Services, Inc.

I. OPERATIONS
   - A. Tonnage Report
   - B. Customer Activity Report
   - C. Materials Classification Report
   - D. Waste Characterization Report
   - E. Tire Report
   - F. Landfill Comments

II. Engineering Report

III. TDEC Inspection – April 2026

IV. Host and Security Fees Letter

V. Loudon Financial Information

Loudon Landfill Monthly Tonnages
Month Ending April 2026

Matlock Bend Landfill

Month	2025	2026	2025 to 2026
Jan	14,498	**15,165**	668
Feb	14,212	**15,447**	1,235
Mar	17,577	**20,411**	2,834
Apr	17,012	**19,191**	2,179
May	15,581	**0**	
Jun	15,462	**0**	
Jul	16,720	**0**	
Aug	16,475	**0**	
Sep	16,364	**0**	
Oct	18,213	**0**	
Nov	16,212	**0**	
Dec	17,569	**0**	
Total	195,895	**70,214**	6,916
% of Total Tonnage		**100%**	

Daily Avg. for any Running 30 Day Period **640**

Loudon County

Month	2025	2026	2025 to 2026
Jan	477	**530**	53
Feb	478	**453**	(25)
Mar	603	**603**	0
Apr	562	**564**	2
May	621	**0**	
Jun	611	**0**	
Jul	620	**0**	
Aug	592	**0**	
Sep	519	**0**	
Oct	592	**0**	
Nov	522	**0**	
Dec	581	**0**	
Total	6,777	**2,151**	30
% of Total Tonnage		**3%**	

Daily Avg. for any Running 22.5 Day Period **853**

Lenoir City

Month	2025	2026	2025 to 2026
Jan	395	**403**	8
Feb	408	**383**	(25)
Mar	483	**512**	29
Apr	517	**513**	(4)
May	521	**0**	
Jun	478	**0**	
Jul	504	**0**	
Aug	450	**0**	
Sep	472	**0**	
Oct	465	**0**	
Nov	394	**0**	
Dec	487	**0**	
Total	5,572	**1,811**	9
% of Total Tonnage		**3%**	

Loudon, City of

Month	2025	2026	2025 to 2026
Jan	502	**451**	(51)
Feb	433	**406**	(28)
Mar	523	**567**	44
Apr	579	**531**	(48)
May	592	**0**	
Jun	544	**0**	
Jul	555	**0**	
Aug	522	**0**	
Sep	532	**0**	
Oct	519	**0**	
Nov	429	**0**	
Dec	538	**0**	
Total	6,269	**1,954**	(83)
% of Total Tonnage		**3%**	

Republic Services, Inc.

Month	2025	2026	2025 to 2026
Jan	2,501	**2,649**	148
Feb	2,499	**2,293**	(206)
Mar	2,584	**3,021**	437
Apr	2,695	**3,676**	980
May	2,867	**0**	
Jun	2,848	**0**	
Jul	3,045	**0**	
Aug	3,011	**0**	
Sep	2,935	**0**	
Oct	3,027	**0**	
Nov	2,441	**0**	
Dec	2,829	**0**	
Total	33,282	**11,638**	1,360
% of Total Tonnage		**17%**	

Waste Management

Month	2025	2026	2025 to 2026
Jan	1,401	**1,312**	(89)
Feb	1,546	**1,469**	(77)
Mar	1,604	**1,607**	4
Apr	1,690	**1,519**	(172)
May	1,580	**0**	
Jun	1,589	**0**	
Jul	1,575	**0**	
Aug	1,532	**0**	
Sep	1,458	**0**	
Oct	1,823	**0**	
Nov	1,391	**0**	
Dec	1,319	**0**	
Total	18,508	**5,907**	(333)
% of Total Tonnage		**8%**	

Five Star Waste

Month	2025	2026	2025 to 2026
Jan	932	**1,684**	752
Feb	1,155	**1,673**	518
Mar	1,463	**3,740**	2,277
Apr	1,566	**2,536**	970
May	1,633	**0**	
Jun	1,680	**0**	
Jul	1,377	**0**	
Aug	1,847	**0**	
Sep	1,410	**0**	
Oct	1,133	**0**	
Nov	1,904	**0**	
Dec	1,589	**0**	
Total	17,689	**9,634**	4,517
% of Total Tonnage		**14%**	

Ward Waste

Month	2025	2026	2025 to 2026
Jan	526	**650**	124
Feb	506	**564**	58
Mar	583	**686**	103
Apr	641	**0**	0
May	640	**0**	0
Jun	632	**0**	0
Jul	888	**0**	0
Aug	787	**0**	0
Sep	809	**0**	0
Oct	779	**0**	0
Nov	777	**0**	0
Dec	801	**0**	0
Total	8,371	**1,900**	284
% of Total Tonnage		**3%**	

KCC ADC Material

Month	2025	2026	2025 to 2026
Jan	3,503	**2,941**	(562)
Feb	3,012	**2,637**	(375)
Mar	4,440	**3,860**	(581)
Apr	3,643	**3,361**	(281)
May	2,266	**0**	
Jun	2,471	**0**	
Jul	3,134	**0**	
Aug	3,130	**0**	
Sep	3,301	**0**	
Oct	4,366	**0**	
Nov	4,936	**0**	
Dec	4,523	**0**	
Total	42,725	**12,800**	(1,798)
% of Total Tonnage		**18%**	

All Other Tons

Month	2025	2026	2025 to 2026
Jan	4,260	**4,545**	285
Feb	4,176	**5,569**	1,393
Mar	5,294	**5,814**	520
Apr	5,118	**6,491**	1,373
May	4,862	**0**	
Jun	4,609	**0**	
Jul	5,022	**0**	
Aug	4,603	**0**	
Sep	4,928	**0**	
Oct	5,508	**0**	
Nov	3,419	**0**	
Dec	4,901	**0**	
Total	56,700	**22,420**	3,572
% of Total Tonnage		**32%**	

Materials Classification Report

Matlock Bend Landfill

Monthly Tonnage Summary April 2026

Material	Tonnage
MSW	
MSW	**12,428**
Special Waste	
Other	5,755
Ash	0
Sludge	1,008
Total Special Waste	**6,763**
Total MSW & SW	**19,191**
Tires	0
Total Material	**19,191**
% MSW	65%
% Special Waste	35%
% Sludge *	5%

2023 Sludge %		2024 Sludge %	
January	6%	January	4%
February	9%	February	7%
March	7%	March	8%
April	7%	April	7%
May	4%	May	5%
June	6%	June	6%
July	4%	July	4%
August	6%	August	6%
September	6%	September	5%
October	5%	October	5%
November	8%	November	6%
December	7%	December	6%

2025 Sludge %		2026 Sludge %	
January	5%	January	7%
February	7%	February	6%
March	7%	March	4%
April	5%	April	5%
May	6%	May	
June	5%	June	
July	3%	July	
August	4%	August	
September	4%	September	
October	5%	October	
November	4%	November	
December	5%	December	

* Sludge % is stand alone,
% Special Waste includes "Sludge"

2026 Loudon MSW and Special Waste Analysis

Material	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MSW	9,557	9,407	13,907	12,428									**45,299**
Special Waste	5,609	6,040	6,504	6,763									**24,916**
Tires	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	15,166	15,447	20,411	19,191	0	0	0	0	0	0	0	0	**70,215**
%													
MSW	63%	61%	68%	65%								0%	**65%**
Special Waste	37%	39%	32%	35%								0%	**35%**
Total	100%	100%	100%	100%								0%	**100%**

2025-2026 Matlock Bend Landfill Tire Report

Month	Tons (OB)	Each (IB)
Jul-25	42.47	1,099
Aug-25	55.79	1,208
Sep-25	21.05	842
Oct-25	27.90	956
Nov-25	0.00	874
Dec-25	24.29	747
Jan-26	0.00	505
Feb-26	44.30	476
Mar-26	0.00	611
Apr-26	31.19	1,472
May-26	0.00	0
Jun-26	0.00	0
Total	**246.99**	**8,790**

Loudon Landfill Comments Log April 2026

Calendar Day	Day of Week	Time of Day	Complaintant Name	Complaintant Number	Complaint	Resolution	Res Time
1	W			( ) -			
2	TH						
3	F						
4	SA						
5	SU						
6	M						
7	T						
8	W						
9	TH						
10	F						
11	SA						
12	SU						
13	M						
14	T						
15	W						
16	TH						
17	F						
18	SA						
19	SU						
20	M						
21	T						
22	W						
23	TH						
24	F						
25	SA						
26	SU						
27	M						
28	T	8:38am	Paula Plont TDEC on behalf of Brian Viars	865-304-3314	Mud on road	Cleaned road-TDEC follow up 5/1- satisfactory	Immediately
29	W						
30	TH						

REPUBLIC SERVICES

Matlock Bend Landfill
21712 TN-72, Loudon, TN 37774
o 865.458.2651 republicservices.com

May 21, 2026

Loudon County (Matlock Bend) Landfill Engineering May Update

1) Module 1 and Module 2
    i. Risers – Adding remote telemetry to monitor levels.
2) CA-1 Capping Event
    a. Project began 10/20/2025
    b. Toe Drain – Installation in May 2026
    c. East Perimeter Ditch
        i. Plugged to not discharge.
            1. Continue vac'ing to keep dry for toe drain install.
    d. Project expecting to be completed July 2026.
3) Pond #2
    a. Pond effectively dry and no-discharge.
    b. Will be mucked and reconstructed during capping project.
4) Borrow Area
    a. Assessment completed.
    b. Zoning from A-1 to CFD allows for larger buffer requirements
        i. Additional restrictions are anticipated to further support the prevention of trackout.
            1. Awaiting add'l information from J. Jenkins.
    c. Tree and lumber from development will be available
        i. Coordinating with Tellico Village Woodworkers.
    d. Expected accessibility mid-June.
5) Groundwater/Spring Monitoring
    a. Q2 2026 planned for rend of May.
        i. Will include Full network and quarterly Spring sample.
        ii. Redevelopment occurred on 4/30
6) Stream and Wetland Jurisdictional Features
    a. Fully delineated landfill and borrow property
        i. Used for borrow development and landfill permitting process.
7) New Leachate Tank
    a. 250K gallon tank
    b. Secondary containment to be constructed to house 2-250K gallon tanks.
    c. Locating near maintenance shop.
        i. Additional grading and road construction will be performed for perimeter accessibility.
        ii. Ensures tanker accessibility.

REPUBLIC SERVICES
Matlock Bend Landfill
21712 TN-72, Loudon, TN 37774
o 865.458.2651 republicservices.com

iii. Will include paving improvements around the maintenance shop.

d. Downpayment made in 2025.
e. Expected install date August 2026.

8) Horizontal Expansion Permit
   a. Outlined the 2022 Agreement
   b. Part 1 App ready to be submitted.
   c. Part II App planned submittal in July-August.
9) Miscellaneous
   a. Q2 CH4 Methane Migration completed – No issues and is due by 7/30.
   b. Spring seeding completed – 19 acres.
   c. AER submitted 4/29.

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
DAVY CROCKETT TOWER, 7TH FLOOR
500 JAMES ROBERTSON PARKWAY
NASHVILLE, TN 37243

Initial Inspection

CHECK IF UNDER ENFORCEMENT ACTION ☐

CLASS I FACILITY INSPECTION CHECKLIST

DATE	TIME	WEATHER
5/11/2026	13:50	71 F CLEARING

Loudon County Landfill SNL530000203 21712 Highway 72 North Loudon

EFO: KNOX

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VIOLATION	REGULATION	OBSERVATION NVO	AOC	V1	V2
RECORDS AND REPORTS					
CERTIFIED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-01-.04(2)(b)5.	■ NA	☐	☐	
COMMENTS					
TRAINED PERSONNEL NOT PRESENT DURING OPERATING HOURS	0400-11-01-.04(2)(b)5. 0400-11-01-.04(2)(b)4.	■ NA	☐	☐	
COMMENTS					
PERMITS, PLANS, OPERATING MANUAL NOT AVAILABLE	0400-11-01-.02(5)(a)(7).	■ NA	☐	☐	
COMMENTS					
INADEQUATE RANDOM INSPECTION PROGRAM	0400-11-01-.04(2)(s)	■	☐	☐	☐
COMMENTS					
NO OPERATING SCALES AND/OR FAILURE TO MAINTAIN WASTE RECORDS	T.C.A. 68-211-862(a)(b)(1)(2)	■ NA	☐	☐	
COMMENTS					
OPERATION DOES NOT CORRESPOND WITH ENGINEERING PLANS	T.C.A. 68-211-104(3) T.C.A. 68-211-105(b)	■	☐	☐	☐
COMMENTS					
OPERATION DOES NOT CORRESPOND WITH PERMIT CONDITIONS	T.C.A. 68-211-104(3) 0400-11-01-.02(5)(a)1.	■ NA	☐	☐	
COMMENTS					

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VIOLATION	REGULATION	OBSERVATION NVO	AOC	V1	V2
GENERAL FACILITY STANDARDS					
ACCESS NOT LIMITED TO OPERATING HOURS	0400-11-01-.04(2)(a)4.	■	☐	☐	☐
COMMENTS					
INADEQUATE INFORMATION SIGNS	0400-11-01-.04(2)(b)2	■	☐	☐	☐
COMMENTS					
INADEQUATE ARTIFICIAL OR NATURAL BARRIER	0400-11-01-.04(2)(b)1.	■	☐	☐	☐
COMMENTS					
INADEQUATE EMPLOYEE FACILITIES	0400-11-01-.04(2)(e)	■	☐	☐	☐
COMMENTS					
UNSATISFACTORY ACCESS ROAD(S)/ PARKING AREA(S)	0400-11-01-.04(2)(b)3.	■	☐	☐	☐
COMMENTS					
NO COMMUNICATION DEVICES	0400-11-01-.04(2)(f)	■	☐	☐	☐
COMMENTS					
INADEQUATE FIRE PROTECTION	0400-11-01-.04(2)(c)2.	■	☐	☐	☐
COMMENTS					
NO PERMANENT BENCHMARK	0400-11-01-.04(2)(o)	■	☐	☐	☐
COMMENTS					
BUFFER ZONE STANDARD VIOLATED	0400-11-01-.04(3)(a)	■	☐	☐	☐
COMMENTS					

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VIOLATION	REGULATION	OBSERVATION NVO	AOC	V1	V2
OVERALL PERFORMANCE STANDARDS					
UNSATISFACTORY LITTER CONTROL	0400-11-01-.04(2)(d)	■	☐	☐	☐
COMMENTS					
INADEQUATE DUST CONTROL	0400-11-01-.04(2)(j)	■	☐	☐	☐
COMMENTS					
INADEQUATE VECTOR CONTROL	0400-11-01-.04(2)(a)1.	■	☐	☐	☐
COMMENTS					
POTENTIAL FOR EXPLOSIONS OR UNCONTROLLED FIRES	0400-11-01-.04(2)(a)2. 0400-11-01-.04(5)(a)	■	☐	☐	☐
COMMENTS					
UNAPPROVED SALVAGING OF WASTE	0400-11-01-.04(2)(b)6.	■	☐	☐	☐
COMMENTS					
LEACHATE MANAGEMENT					
LEACHATE OBSERVED AT THE SITE	0400-11-01-.04(2)(a)(3).				
***LEACHATE ON EXTERNAL SLOPE**		■	☐	☐	☐
***LEACHATE ENTERING RUN-OFF**		■	☐	☐	☐
***LEACHATE ENTERING A WATER COURSE**		■	NA	NA	☐
COMMENTS					
INADEQUATE MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM (Inspector check and record (i) Sump Levels (ii) Interception surfaces and piping (iii) Tanks. "Sumps: <12" NVO, 12"<36" V1, >36" V2")	0400-11-01-.04(2)(a)(3). 0400-11-01-.04(4)(a)7.	■	☐	☐	☐
COMMENTS	SUMPS IN COMPLIANCE				
Leachate Improperly Managed	0400-11-01-.04(4)(a)8.(i-iii)	■	☐	☐	☐
COMMENTS					

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VIOLATION	REGULATION	OBSERVATION NVO	AOC	V1	V2
LEACHATE MANAGEMENT					
INADEQUATE LEACHATE COLLECTION SYSTEM	0400-11-01-.04(4)(a)7.	■	☐	☐	☐
COMMENTS	TANK HOLDING LOW AMOUNT ALOT OF FREEBOARD TODAY				
EROSION CONTROL					
INADEQUATE EROSION CONTROL	0400-11-01-.04(2)(i)6. & 0400-11-01-.04(8)(c)4(ii)	■	☐	☐	☐
COMMENTS					
INADEQUATE MAINTENANCE OF RUN-ON/RUN-OFF SYSTEM(S)	0400-11-01-.04(2)(i)1-5 0400-11-01-.04(8)(c)4(i)	■	☐	☐	☐
COMMENTS	Ditch cleaning on back internal road needs continued efforts. The grass seeding is expected soon with subcontractor expected.				
EXPOSED SOLID WASTE	0400-11-01-.04(2)(a)(3).	■	☐	☐	☐
COMMENTS					
GAS AND GROUNDWATER MIGRATION					
INADEQUATE GAS MIGRATION CONTROL SYSTEM	0400-11-01-.04(5)(a)	■	☐	☐	☐
COMMENTS	Quarterly report provided and reviewed lately - no concerns noted.				
INADEQUATE MAINTENANCE OF GAS MIGRATION CONTROL SYSTEM	0400-11-01-.04(5)(a)	■	☐	☐	☐
COMMENTS					
GROUNDWATER MONITORING SYSTEM IMPROPERLY MAINTAINED	0400-11-01-.02(5)(a)4.	■	☐	☐	☐
COMMENTS					
COVER REQUIREMENTS					
UNAVAILABILITY OF COVER MATERIAL	0400-11-01-.04(2)(h)	■	☐	☐	☐
COMMENTS					
UNSATISFACTORY INITIAL COVER	0400-11-01-.04(6)(a)3. 0400-11-01-.04(6)(a)5.	■	☐	☐	☐
COMMENTS					

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VIOLATION	REGULATION	OBSERVATION NVO	AOC	V1	V2
COVER REQUIREMENTS					
UNSATISFACTORY INTERMEDIATE COVER	0400-11-01-.04(6)(a)4. 0400-11-01-.04(6)(a)5.	■	☐	☐	☐
COMMENTS					
UNSATISFACTORY FINAL COVER	0400-11-01-.04(6)(a)6. 0400-11-01-.04(8(c)3(i)	■	☐	☐	☐
COMMENTS					
UNSATISFACTORY STABILIZATION OF COVER	0400-11-01-.04(6)(a)5	■	☐	☐	☐
COMMENTS					
OPERATIONS AND WASTE HANDLING					
INADEQUATE OPERATING EQUIPMENT	0400-11-01-.04(2)(g)	■	☐	☐	☐
COMMENTS					
UNAVAILABILITY OF BACKUP EQUIPMENT	0400-11-01-.04(2)(g)	■	☐	☐	☐
COMMENTS					
WASTE NOT CONFINED TO A MANAGEABLE AREA	0400-11-01-.04(6)(a)1.	■	☐	☐	☐
COMMENTS	New cells floored out now and all waste even bulky directed down to new cells. Older top area used for bulky waste now inactive and covered.				
IMPROPER SPREADING OF WASTE	0400-11-01-.04(6)(a)2.	■	☐	☐	☐
COMMENTS					
IMPROPER COMPACTING OF WASTE	0400-11-01-.04(6)(a)2.	■	☐	☐	☐
COMMENTS					

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VIOLATION	REGULATION	OBSERVATION NVO	AOC	V1	V2
OPERATIONS AND WASTE HANDLING					
MISHANDLING OF SPECIAL WASTE	0400-11-01-.01(4)(d)1.	■ NA			
COMMENTS					
EVIDENCE OF OPEN BURNING	0400-11-01-.04(2)(c)1.	■ NA			
COMMENTS					
DUMPING OF WASTE INTO WATER	0400-11-01-.04 (2)(a)3.	■			
COMMENTS					
WASTE RESTRICTIONS					
UNAUTHORIZED WASTE ACCEPTED	0400-11-01-.04(2)(k)1.	■ NA			
COMMENTS					
UNAPPROVED SPECIAL WASTE ACCEPTED	0400-11-01-.01(4)(b) 0400-11-01-.01(4)(c)5	■ NA			
COMMENTS					
DEAD ANIMALS IMPROPERLY HANDLED	0400-11-01-.04(2)(k)5.(ii) (I-III)	■ NA			
COMMENTS					
TIRES IMPROPERLY HANDLED	0400-11-01-.04(2)(k)3.	■			
COMMENTS					
MEDICAL WASTE IMPROPERLY HANDLED	0400-11-01-.04(2)(k)4.	■			
COMMENTS					

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LEACHATE LEVELS

Disclaimer:
The information contained in the checklists is not intended to be all inclusive and is subject to change, and are intended solely for use by Division of Solid Waste Management. These checklists are not a substitute for evaluation of compliance in accordance with applicable laws and regulations, and are not intended for, nor can they be relied upon, to create any rights, substantive or procedural, enforceable or usable by any party in litigation with the State of Tennessee or its employees.

SAVE FORM

Follow-Up Inspection Date

Inspector Name Paula Plont Digitally signed by Paula Plont Date: 2026.05.13 14:10:45 -04'00'

ADDITIONAL COMMENTS

Several projects underway- the french drain project coupled with closure top membrane started. Specifically notify the inspector when clay cap work starts so inspection can be timed to watch this construction step and the seaming of the top and existing bottom liner.

The waste relocation work continues by the subcontractor as well as the pond re-shape work-

The HWY 72 gate entrance and on-site roads were reviewed and acceptable.

The site no longer needs a second bulky load working face - all waste going to new cells built last year. The waste has risen and now abuts the long existing cell A/C slopes.

view of HWY 72 gate entrance

REPUBLIC SERVICES

May 1, 2026

Loudon County Solid Waste Disposal Commission
Attn: Chief Deputy Clerk
101 Mulberry Street Suite 203
Loudon, TN 37774

Dear Trustee:

Pursuant to Section 10.6 and 10.7 of the Sanitary Landfill Operation Agreement between Loudon and Santek as of July 1, 2007, Second Amendment Section 10.6 dated July 12, 2022, Santek agreed to pay the Commission a host fee and security fee as defined in the agreement. The following recap reflects the calculation for the period of April 2026:

	Host Fees (Greater of below)		
Total Tip Fees Billed	$620,349.78	Total Tonnage Received	19,190.88
Host Fee Percentage	5.5%	Rate per Ton	$1.00
	$34,119.24		$19,190.88
Minimum Fee	$10,750.00		
	==========		
	Security Fees		
Total Tip Fees Billed	$620,349.78		
Security Fee Percentage	5%		
	$31,017.49		
	=========		
	Minutes Payment		
Loudon County Minutes	$100.00		
	=========		
Total amount to be received	$65,236.73		
	=========		

Our checks in payment of the above fees have been remitted to the above address for the Commission. Should you have any questions or need additional information, please let me know.

Sincerely,

David L. Hollinshead
Manager Municipal Sales
Republic Services

LE03-AWIN MANAGEMENT INC
REPUBLIC SERVICES

No 20113310
Check Date: 05/11/2026

LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION PO BOX 351 LOUDON, TN 37774-0351				**Vendor Number:** 10014896	
INVOICE	**DATE**	**DESCRIPTION**	**GROSS AMOUNT**	**DISCOUNT**	**NET AMOUNT**
LCHOSTFEE 043026	04/30/2026	URG RTD 5106	$65,236.73	$0.00	$65,236.73
Detach at perforation Before Depositing Check		**TOTALS:**	**$65,236.73**	**$0.00**	**$65,236.73**

THIS IS A WATERMARKED PAPER - DO NOT ACCEPT WITHOUT NOTING WATERMARK - HOLD TO LIGHT TO VERIFY WATERMARK

REPUBLIC SERVICES
LE03-AWIN MANAGEMENT INC
5353 E CITY NORTH DRIVE
PHOENIX ARIZONA 85054

Bank of America
52-153/112 ME

Check Date
05/11/2026

Number
20113310

PAY SIXTY-FIVE THOUSAND TWO HUNDRED THIRTY-SIX AND 73/100 DOLLARS*****

Amount
$***65,236.73

Void after 180 Days

PAY
TO THE
ORDER OF

LOUDON COUNTY SOLID WASTE
DISPOSAL COMMISSION
PO BOX 351
LOUDON, TN 37774-0351

Authorized Signature

⑈00 20113310⑈ ⑆011201539⑆ 000080231000⑈

Loudon County Department of Accounts and Budgets
Solid Waste Disposal Fund 207
Monthly Financial Report
April 2026

March 2026 Combined Ending Cash Balance per Monthly Report		7,076,190.93	
Adjustments:			
Trustee's Commission			
Total Adjustments		0.00	
Adjusted March 2026 Combined Ending Balance			**7,076,190.93**
Solid Waste Disposal Commission Operating Fund			
Operating Fund Ending Balance March 2026		**7,046,528.61**	
Cash Receipts:			
Trustee's Collections - Prior Year			
Surcharge - Host Fees	36,572.27		
Surcharge - Security Fees	33,156.61		
Investment Income	15,057.62		
Investment Income (Adj for POP subfund)	(192.38)		
Total Monthly Revenue		84,594.12	
Cash Disbursements:			
Board & Committee Members Fees	(300.00)		
Social Security	(18.60)		
Employer Medicare	(4.36)		
Audit Services			
Legal Services			
Engineering Services			
Building & Content Insurance			
Trustee's Commission			
Total Cash Disbursements		(322.96)	
Expenditure Credit:			
Trustee Commission Adjustment (Adj to POP subfund)		5.43	
Operating Fund Ending Balance April 2026			**7,130,805.20**
Poplar Springs Subfund			
Poplar Springs Subfund Balance March 2026		**29,662.32**	
Cash Receipts:			
Investment Income (Adj from operations)	192.38		
Total Monthly Revenue		192.38	
Cash Disbursements:			
Trustee Commission (Adj from operations)	(5.43)		
Total Cash Disbursements		(5.43)	
Poplar Springs Subfund Balance April 2026			**29,849.27**
TOTAL COMBINED OPERATING AND POPLAR SPRINGS APRIL 2026 BALANCE			**7,160,654.47**
Combined Summary - April 2026			
Beginning Balance			**7,076,190.93**
Plus Operating Revenue			**84,786.50**
Less Operating and Poplar Springs Disbursements			**(322.96)**
TOTAL COMBINED BALANCE - APRIL 2026			**7,160,654.47**

NOTE: April report from Trustee was not available when this report was prepared.