2025 Annual Report

LRI Landfill
Graham, Washington

Pierce County Recycling, Composting
& Disposal, LLC dba LRI
17925 Meridian Street East
Puyallup, Washington 98375

SCS ENGINEERS

04226001.02 | May 1, 2026

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This 2025 Annual Report for the LRI Landfill located in Graham, Washington, was prepared by Jovany Estrada and was reviewed by Travis Berndahl and Gregory Helland of SCS Engineers.

May 1, 2026

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1.0 INTRODUCTION

This document is the annual report for the LRI Landfill for the 2025 compliance year. The facility is a municipal solid waste landfill that operates in compliance with a *Full Permit for Solid Waste Handling* (Permit No. 27-050) issued by the Tacoma-Pierce County Health Department (TPCHD). The landfill is located approximately 15 miles south of Puyallup at 30919 Meridian East, in Graham, Washington (Figure 1). This report presents a summary of the 2025 solid waste disposal activities and monitoring results and meets the requirements of Section VI (11) of the *Full Permit for Solid Waste Handling*, and Sections 200(11) and 600(3)(ii) of Chapter 173-351 WAC*, Criteria for Municipal Solid Waste Landfills.*

1.1 FACILITY CONTACT INFORMATION

Jose Camacho
Site Manager
LRI Landfill
30919 Meridian East
Graham, Washington 98338
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(253) 875-5017 FAX

1.2 FACILITY DESCRIPTION

The landfill property is approximately 320 acres in size and is situated in the west half of Section 10, Township 17N, Range 4E. At completion, the landfill will encompass a footprint of approximately 169.2 acres. Figure 2 provides a site map showing the primary features of the landfill facility.

Eleven refuse disposal cells (Cells 1, 2A, 2B, 3A, 4A, 4B, 5, 6, 7, 8 and 9A/B) with a combined bottom liner area of approximately 143.4 acres (in plan-view) have been constructed to date. As of the end of 2025, each of the disposal cells listed above have been used for waste disposal. A summary of cell construction information is included in Exhibit 1. Cell 9C, constructed in 2025, will be used starting in 2026.

Exhibit 1. Cell Construction Information

Cell	Approximate Acreage	Year Constructed	Initial Waste Placement
Cell 1	15.83	1999	December 1999
Cell 2A	10.57	2000	July 2001
Cell 2B	11.24	2002	April 2003
Cell 3	10.81	2004	December 2004
Cell 4A[1]	17.41	2005 - 2007	April 2006
Cell 4B[2]	17.63	2008 - 2010	January 2009
Cell 5[3]	9.24	2012 - 2013	May 2013
Cell 6[4]	12.81	2015 - 2017	June 2017
Cell 7	11.54	2019	December 2019
Cell 8[5]	10.42	2020 – 2021	November 2020
Cell 9A	9.70	2022	April 2023

Cell 9B	6.15	2023	May 2024
Cell 9C	4.86	2025	Spring 2026
Total Acreage:	**148.21**		

Notes:
1) Cell 4A was constructed in three phases.
2) Cell 4B was constructed in three phases.
3) Cell 5 was constructed in two phases.
4) Cell 6 was constructed in two phases.
5) Cell 8 was constructed in two phases.

Nine phases of final closure construction, totaling approximately 44.0 acres (in plan-view) have been completed to date over portions of Cells 1, 2A, 2B, 4A, 4B, 5 and 6. A summary of final closure construction information is included in Exhibit 2.

Exhibit 2. Final Closure Construction Information

Cell	Approximate Acreage	Year Constructed
Phase I	4.7	2001
Phase IA	4,500 SF	2006
Phase IIA	5.2	2007
Phase IIB	3.9	2008
Phase IIC	4.2	2009
Phase III	6.3	2011
Phase IVA	6.8	2018 - 2019
Phase VA	8.0	2021
Phase VB	4.8	2022
Phase IVB	6.4	2024 - 2025
Total Acreage:	**44.0**	

1.3 2025 MONITORING AND REPORTING ACTIVITIES

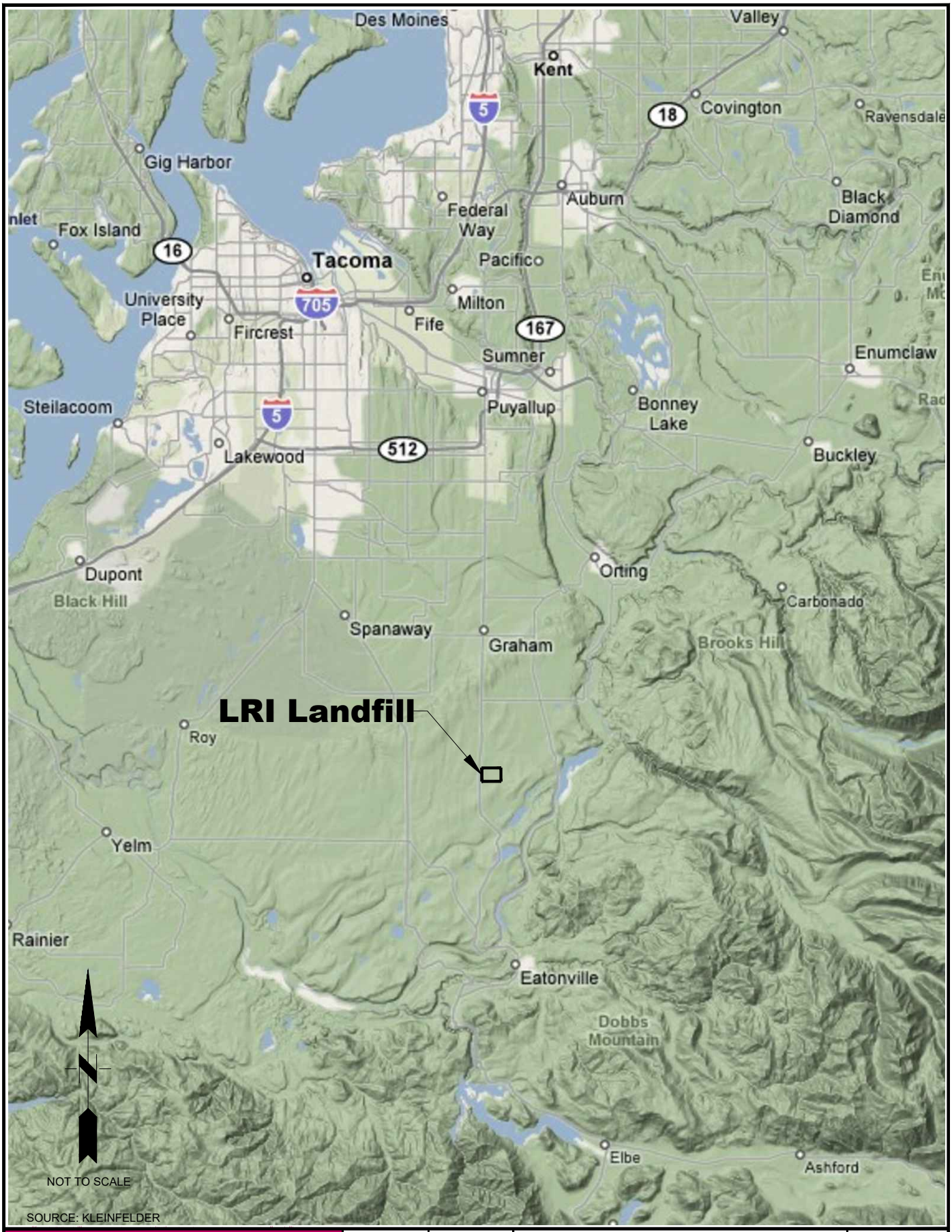
Groundwater monitoring activities were conducted quarterly during March, June, September, and December following the procedures described in the *LRI Landfill Groundwater Monitoring Plan* (GWMP, March 20, 2014). In addition to water quality sampling, water level measurements were recorded during each monitoring event and are included in Appendix A. Monitoring results are provided in summary data tables in Appendix B and in the groundwater database in Appendix C. A geochemical evaluation including trilinear diagrams is included in Appendix D and groundwater statistical calculations are provided in Appendix E. Water quality time trends for the leak detection and collection system (LDCS) are presented in Appendix F.

Stormwater monitoring was performed weekly, monthly, and quarterly in accordance with the National Pollution Discharge Elimination System (NPDES) Industrial Stormwater General Permit (ISGP Permit No. WAR002557) and the NPDES Construction Stormwater General Permit (CSWGP Permit No. WAR002603). Copies of the 2025 Discharge Monitoring Reports (DMRs) for the construction and industrial permits are included in Appendix G.

Landfill gas probe monitoring was conducted monthly and on-site buildings were monitored quarterly during 2025. Summary results of landfill gas monitoring are provided in Appendix H.

1.4 FINANCIAL ASSURANCE FOR POST-CLOSURE CARE

Summary tables of estimated costs for closure activities, post-closure care, and annual environmental monitoring are included in Appendix I.



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SCALE NOT TO SCALE	CHK BY JE
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SITE LOCATION MAP

LRI LANDFILL
30919 MERIDIAN STREET E.
GRAHAM, WASHINGTON

DATE APRIL 2026

FIGURE 1

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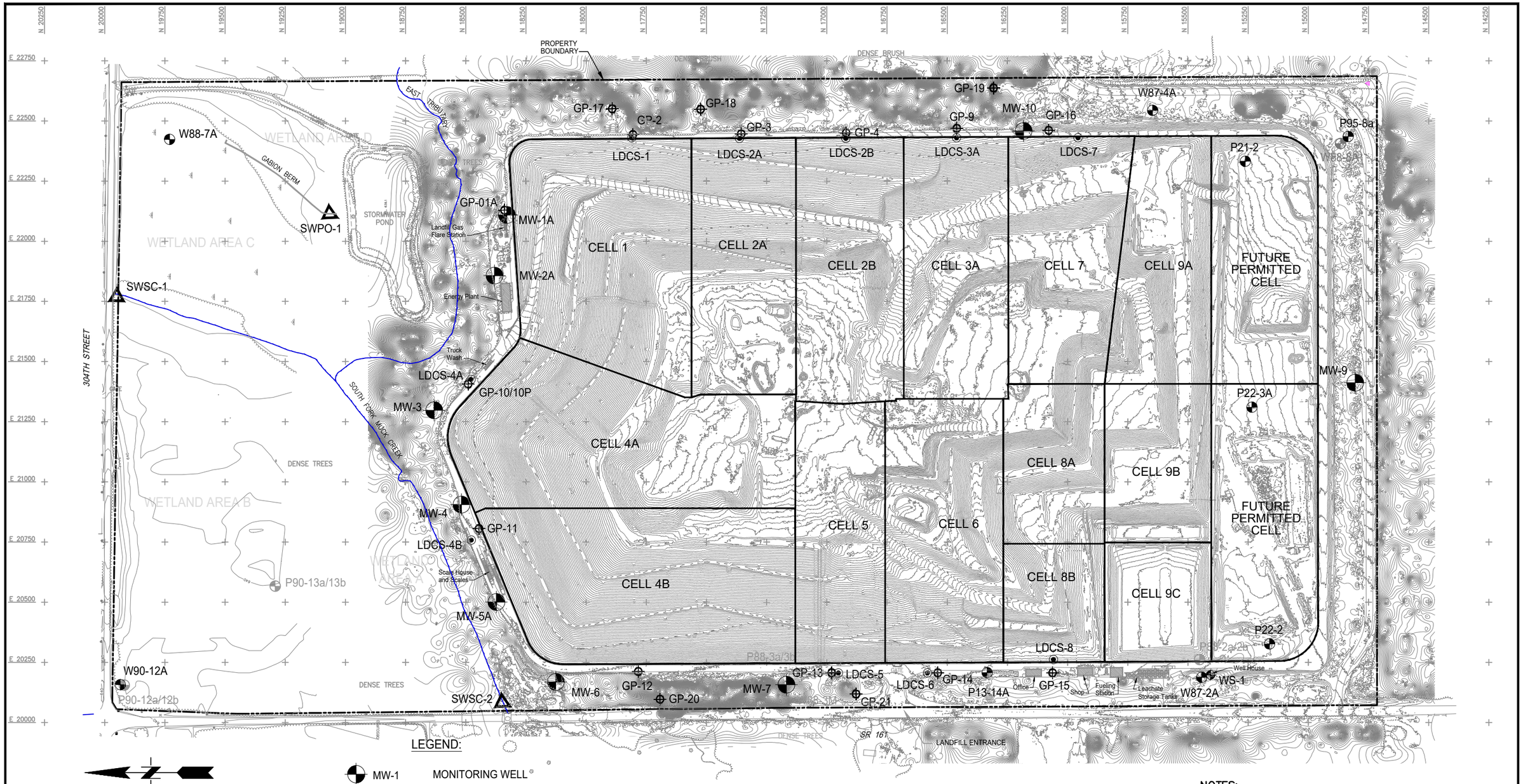

LEGEND:

MW-1	MONITORING WELL
WS-1	WATER SUPPLY WELL
W87-2A	CHARACTERIZATION WELL/ PIEZOMETER
LDCS-1	LEAK DETECTION/COLLECTION SUMP
NEWB-2	SURFACE WATER MONITORING LOCATION
GP-1	GAS PROBE

NOTES:

1. TOPOGRAPHIC BASE MAP PERFORMED BY PROPELLER AEROBOTICS, DATED 2025-12-28.
2. SOME EDGES OF LANDFILL IS BASED ON TOPOGRAPHIC BASE MAP PREPARED BY COOPER AERIAL SURVEYS CO., USING PHOTOGRAMMETRIC SURVEY METHODS, DATE OF PHOTOGRAPH MAY 09, 2017.
3. VERTICAL DATUM – BASED ON PIERCE COUNTY BENCH NO. 112-18, ELEVATION 660.29 NGVD29.

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CAD FILE	FIGURE 2
APP BY	DV

SITE MAP

LRI LANDFILL
30919 MERIDIAN STREET EAST
GRAHAM, WASHINGTON

DATE: APRIL 2026

FIGURE: 2

G:\04226001.02 - LRI GW Monitoring\9 Drafting\Drawings\Water Level Maps\2025\2025 Annual\Figure 2 - Site Plan\2025.dwg 4/22/2026 8:18:04 AM, DWG To PDF.pc3

2.0 2025 REPORT FORM AND FACILITY CAPACITY INFORMATION

Waste materials landfilled at the LRI Landfill during 2025 was approximately 1,072,220 tons. The total tonnage landfilled at the LRI Landfill since opening in December 1999 through December 31, 2025, accrues to approximately 24,739,382 tons. The in-place density of combined waste placed between December 1999 and December 31, 2025 is estimated to be approximately 2,045 pounds per cubic yard (lbs/CY). This estimate is based on the tonnage of waste landfilled and the calculated volume of fill from aerial photo topography data with an assumed allowance for ongoing densification of the waste over time. Based on the in-place density estimate of 2,045 lbs/CY, the volume of airspace consumed through December 31, 2025, was approximately 25,141,536 million cubic yards, or approximately 72.6 percent of the 34.6 million cubic yard total facility capacity estimate (not including volume consumed by daily and interim soil cover).

A copy of the LRI Landfill 2025 Annual Report Form for Municipal Solid Waste Landfills required by the Washington Department of Ecology (Ecology) is included in Appendix J.

3.0 LEACHATE MONITORING

3.1 LEACHATE VOLUMES

Leachate is collected from the eleven active landfill cells with depth-activated submersible pumps. Collected leachate is pumped via force-main to sixteen above ground storage tanks, with a combined storage capacity of approximately 218,400 gallons. Leachate collected during 2025 was truck-hauled to the Hidden Valley Landfill where it was pre-treated and subsequently discharged to the Pierce County sewer system in accordance with the Pierce County Utilities Department Industrial Discharge Permit Number PC03096. In addition, leachate was truck-hauled to the City of Tacoma in Tacoma, Washington, and the City of Salem in Salem, Oregon for appropriate disposal. The volume of leachate produced at the landfill was measured with flow meters installed at each sump using a programmable logic controller (PLC) system, and by recorded volumes of leachate truck-hauled off-site for proper disposal. A summary of the fourth quarter 2025 leachate pumping records is included in Appendix F. A summary of 2025 leachate volumes truck-hauled off site for proper disposal is shown in Exhibit 3.

Exhibit 3. 2025 Leachate Volume Data

Month	Leachate Production (gallons)	Monthly Rainfall (inches)
January	3,127,993	1.38
February	3,257,351	4.22
March	3,703,592	5.71
April	3,015,059	2.88
May	2,647,319	1.97
June	2,383,681	1.67
July	2,276,944	0.00
August	2,534,505	0.00
September	2,259,576	0.00
October	3,167,423	4.76
November	3,665,774	6.81
December	3,130,653	9.78
Totals	**35,169,870**	**39.18**

Notes:
Leachate was truck-hauled off-site for proper disposal.
Leachate volumes were determined by trucking records kept on a daily basis.
Rainfall totals were obtained from an on-site rain gauge and from Weather Underground Station KWAGRA.

3.2 LEACHATE QUALITY

Leachate samples were obtained from cells 6, 7, 8, and 9 during quarters two and three. During quarter four leachate samples were collected from all cells. The leachate samples were collected using sampling ports installed near the leachate riser pipes, or as grab samples. The collected leachate samples were submitted to Eurofins of Denver, Colorado and analyzed for the parameters listed in Appendix I and II of WAC 173-351. The results of leachate monitoring are included on

summary tables in Appendix B and with the groundwater database in Appendix C. No significant changes in leachate quality were noted in 2025 (see attached leachate database in Appendix C).

4.0 LEAK DETECTION MONITORING

The LRI Landfill includes a Leak Detection/Collection System (LDCS) that consists of a high-permeability gravel layer beneath the composite liner of each of the disposal cells. The LDCS is designed to monitor groundwater quality beneath the composite liner for early leak detection and to collect any leachate in the event a leak develops in the liner. Each landfill cell has one LDCS sump where groundwater is removed and monitored (see Figure 2 for sump locations). The PLC system is used to monitor the LDCS daily at each landfill cell for the total volume of water pumped and specific conductance (conductivity). In addition, samples are collected quarterly and analyzed for the parameters listed in Appendix I and II of WAC 173-351. Metals are analyzed as dissolved metals. Samples for laboratory testing were submitted to Eurofins of Denver, Colorado.

Summary tables of LDCS water quality results for each quarter are provided in Appendix B along with the groundwater monitoring results. Groundwater data generated from monitoring activities in 2025 were validated and input into a database utilizing Microsoft Office Access 2016 software. Field sampling data sheets and a data validation summary from the fourth quarter 2025 groundwater monitoring event are provided in Appendix B. A copy of the groundwater database for 2025 is included in Appendix C. Trilinear diagram plots of water quality data from the LDCS sumps are included in Appendix D.

Water quality results from the LDCS are evaluated for primary and secondary leachate indicator parameters and for landfill gas indicator parameters (see Section 12.5 of the GWMP). Primary leachate indicator parameters include acetone and 2-butanone (MEK). These constituents are consistently present in the leachate at elevated concentrations and are typically not naturally present in the groundwater. Secondary leachate indicator parameters include ammonia and chloride. These constituents are consistently present in the leachate at elevated concentrations and are naturally present in the groundwater at low concentrations. In addition, monitored increases in specific conductance (conductivity), total dissolved solids, alkalinity, sodium, potassium, and total organic carbon are further indications of potential leachate effects on water quality.

Landfill gas indicator parameters include dichlorodifluoromethane (Freon 12) and trichlorofluoromethane (Freon 11). These compounds are highly volatile, mobile, dissolve readily in water, and are not naturally present in the groundwater.

4.1 LDCS DAILY MONITORING

Groundwater is removed from the LDCS using dedicated submersible pumps that are activated by high (on) and low (off) float switches or transducers. LDCS monitoring data were uploaded from the PLC and supplemented with manually recorded data by LRI staff. Summaries of daily rainfall totals, daily discharge from the LDCS, and daily conductivity measurements for each LDCS sump are included in Appendix F. Also included are time-series plots that show the volume of water pumped, precipitation, and groundwater conductivity. The volume of water pumped from the LDCS increases during periods of sustained rainfall as illustrated by the time series plots. This correlation is believed to be the result of lateral inflow of water perched on top of the low permeability glacial till present beneath the landfill.

During 2025, operation and maintenance activities associated with the LDCS included replacing flowmeters and sampling pumps, checking electrical connections, and calibrating equipment within the vaults (pumps and meters) as needed. In addition, there were periods when the LDCS

conductivity meters incorrectly reported either zero or 1,000 µS/cm values due to equipment failures. These data points have been removed from the time series plots.

Conductivity data from the LDCS sumps generally trended within typical historical ranges during 2025.

4.2 LDCS QUARTERLY MONITORING

Groundwater samples were collected quarterly from each LDCS monitoring location. Samples were obtained from the LDCS sump riser pipes using disposable bailers at LDCS-1, LDCS-2A and LDCS-2B, and from dedicated low-flow QED bladder pumps or as grab samples at LDCS-3A, LDCS-4A, LDCS-4B, LDCS-5, LDCS-6, LDCS-7, LDCS-8, and LDCS-9.

Samples were submitted to Eurofins of Denver, Colorado. Field and laboratory data results for the LDCS samples are included on summary tables in Appendix B and in the groundwater database in Appendix C.

Time-trend plots for inorganic parameter and dissolved metal concentrations at the LDCS sumps are included in Appendix F. These plots provide a means of tracking water quality trends in the LDCS system. The following four plots are included for each leak detection sump:

- Plot 1 — nitrate, ammonia, chloride, TOC
- Plot 2 — alkalinity, TDS, sulfate
- Plot 3 — calcium, magnesium, sodium, potassium
- Plot 2 — iron, manganese, zinc, arsenic

Water quality results from the leak detection sumps during 2025 were generally consistent with previously measured values (see Appendix F), except as noted below.

LDCS-1 water quality results included low-level detections of 1,4-dichlorobenzene during the first, second, and third quarters ranging up to 1.6 ug/L. Acetone and benzene were also reported at 27 ug/L during the first quarter and at 0.5 ug/L during the third quarter, respectively. Concentrations of secondary leachate indicator parameters ammonia and chloride were low or reported non-detect for 2025. Therefore, the 1,4-dichlorobenzene, acetone, and benzene detections do not appear to be the result of leachate.

LDCS-2A water quality results included a low-level detections of 1,4-dichlorobenzene during the first and second quarters at 0.53 ug/L and 0.56 ug/L, respectively. Acetone was also reported during the second and third quarters at 11 ug/L. Concentrations of secondary leachate indicator parameters, ammonia and chloride, were reported as low-level detections or non-detect during all four quarters. Therefore, the 1,4-diclorobenzene and acetone detections do not appear to be the result of leachate.

LDCS-2B water quality results included low-level detections of carbon disulfide (1.1 ug/L) and 1,4-dichlrobenzene (0.5 ug/L), during the first and third quarters, respectively. Low-level concentrations of secondary leachate indicator parameters, ammonia and chloride, were reported all four quarters and were in typical range of previous results. Therefore, the carbon disulfide and 1,4-dichlorobenze detections do not appear to be the result of leachate.

LDCS-4A water quality results included a low-level 1,4-dichlorobenzene detection at 0.51 µg/L during the third quarter. Concentrations of secondary leachate indicator parameters, ammonia and

chloride, were reported at 0.18 mg/L and 28 mg/L, respectively. Therefore, this 1,4-dichlorobenzene detection does not appear to be the result of leachate.

LDCS-7 water quality results included detection of benzene during the first, second, and third quarters ranging up to 2.5 ug/L during the second quarter. Additionally, during the third quarter, a low-level detection of cis-1,2-dichloroethene was reported at 0.73 ug/L. Secondary leachate indicator parameters, ammonia and chloride, reported low concentrations for LDCS- 7 during all four quarters. As a result, the benzene and cis-1,2-dichloroethene detections do not appear to be the result of leachate.

LDCS-8 water quality results included low-level detections of benzene during the first and third quarters at 0.56 ug/L and 0.54 ug/L, respectively. Additionally, concentrations of secondary leachate indicator parameters, ammonia and chloride, were reported as low or non-detect during 2025. Therefore, the benzene detections do not appear to be the result of leachate.

LDCS-9 water quality results included low-level detections of cis-1,2-dichloroethene, 1,2-dichloroethane, benzene, and chloroethane during the first, second, and third quarters. However, during the fourth quarter LDCS-9 results included a wider array of VOCs at slightly elevated concentrations, except for 2-Butanone (MEK) and acetone, which were reported at relatively high concentrations. These detections and their concentrations are shown in Exhibit 4.

Exhibit 4. Fourth Quarter 2025 LDCS-9 VOC Concentrations

Volatile Organic Compound (VOC)	WAC 173-200 Criteria	Concentration (ug/L)
1,1,1-Trichloroethane	200	1.4
1,1-Dichloroethane	1.0	1.6
1,1-Dichloroethene	0.5	1.1
1,2-Dichloropropane	4.0	1.2
2-Butanone (MEK)	-	180
Acetone	-	79
Benzene	0.07	2.3
Carbon tetrachloride	0.3	1.4
Chlorobenzene	-	1.5
Chloroethane	-	2.1
Chloromethane	-	2.4
cis-1,2-Dichloroethene	-	2
Ethylbezene	-	1.7
o-Xylene	-	1.4
Tetrachloroethene	0.8	1.7
Toluene	-	1.6
trans-1,2-Dichloroethene	-	1.6
Trichlorofluoromethane	-	2.1
Vinyl Chloride	0.02	1.6

Secondary leachate indicator parameters, ammonia and chloride, remained low at 0.26 mg/L and 24 mg/L, respectively, during the fourth quarter. Additionally, field parameters recorded at the time of sample collection appeared to be within historical ranges.

The VOC concentrations reported for the fourth quarter LDCS-9 sample were inconsistent with previous results. Accordingly, the sampling procedures and laboratory results were reviewed to identify potential causes for the detections.

Due to a malfunctioning pump during the fourth quarter monitoring event, SCS was initially unable to collect a sample from the LDCS-9 location. After replacing the pump, SCS returned on December 17, 2026, to collect the LDCS-9 sample.I It is suspected that the pump was not fully purged after the recent construction activities in Cell 9C and its connection to the LDCS system, which may have contributed to the VOC detections.

A preliminary review of data from the LDCS-9 sample collected during the first quarter of 2026 indicates that many of the VOCs detected in the fourth quarter 2025 sample were not detected, and those that were detected had concentrations typical of historical records. This suggests that the sampling equipment and method impacted the fourth quarter 2025 sample quality. The 2026 monitoring data will be used to further assess the effects of cell construction activities on LDCS water quality.

5.0 GROUNDWATER LEVELS AND FLOW DIRECTIONS

5.1 LOCAL HYDROGEOLOGY

The LRI Landfill site is located on low-permeability glacial till and transitional till that is approximately 45 feet thick. Beneath the glacial till layer is a saturated glacial outwash deposit that forms a confined aquifer. Intermediate and deeper groundwater systems are present at the site, each of which is separated by layers of low permeability (aquitard) deposits. Summary descriptions of the individual hydrogeologic units are presented in Section 2 of the GWMP.

5.2 WATER LEVEL MEASUREMENTS

Depth to water level measurements were collected quarterly in 2025. The water level database and water level contour maps for each quarter are included in Appendix A. Groundwater flow in the confined aquifer was to the northwest during all monitoring events. Horizontal hydraulic gradients in the confined aquifer ranged from approximately 0.007 to 0.012 beneath the active area of the landfill. This flow pattern is consistent with previous data. The horizontal hydraulic conductivity of the confined aquifer is inferred to range from 1×10^{-4} centimeters per second (cm/sec) to 1×10^{-2} cm/sec. This range of values is based on rising head slug test data and on observations of groundwater discharge during drilling. The effective porosity of the aquifer is assumed to be 25 to 40 percent, based on values documented in the scientific literature (Freeze and Cherry, 1979). Based on a horizontal hydraulic gradient of 0.0125, a horizontal hydraulic conductivity of 1×10^{3} cm/sec, and a porosity of 30 percent, the horizontal flow rate of water in the confined aquifer is estimated to be approximately 43 feet per year in the area of Cell 1.

6.0 GROUNDWATER MONITORING

The groundwater monitoring network for the LRI Landfill in 2025 includes two background wells (MW-9 and MW-10) and seven downgradient wells (MW-1A, MW-2A, MW-3, MW-4, MW-5A, MW-6, and MW-7). Quarterly groundwater monitoring was conducted in March, June, September, and December using micro-purge techniques and dedicated QED Well Wizard pumps, or a non-dedicated QED Sample Pro pump (at MW-4). Due to a pump malfunction in MW-1A, SCS was unable to collect a sample during the first quarter. Groundwater samples were analyzed for the parameters listed in Appendix I and Appendix II of WAC 173-351. Samples were submitted to Eurofins of Denver, Colorado. Groundwater sampling locations are depicted in Figure 2.

Summary tables of water quality results for each quarter are provided in Appendix B. Data provided in the tables include field parameters, laboratory parameters, and duplicate samples. Groundwater data generated from monitoring activities in 2025 were validated and input into a database utilizing Microsoft Office Access 2016 software and will be uploaded into Ecology's Environmental Information Management (EIM) database system. Time trend plots, field sampling data sheets, and a data validation summary for the fourth quarter 2025 groundwater monitoring event are provided in Appendix B. A copy of the groundwater database for 2025 is included in Appendix C. Trilinear diagram plots and anion/cation balance equations are included in Appendix D. Statistical calculations performed on groundwater data are presented in Appendix E. The groundwater database was provided to the TPCHD as a Microsoft Office Access file in electronic format (on compact disk) and analytical laboratory reports were provided as paper hardcopies under a separate submittal.

6.1 BACKGROUND DATA

The background water quality data set includes a minimum of eight rounds of water quality data collected from each downgradient monitoring well prior to the placement of waste in an upgradient landfill cell. In addition, ongoing background water quality data is collected each quarter from upgradient wells MW-9 and MW-10.

Low level or non-detect concentrations of inorganic parameters including alkalinity, ammonia, chloride, nitrate, sulfate, total organic carbon, and total dissolved solids, as well as low levels of total metals including barium, calcium, magnesium, potassium, sodium, vanadium, and zinc were reported in the background groundwater samples. VOCs were not reported in background samples during 2025 monitoring events.

6.2 GROUNDWATER QUALITY EVALUATION

Consistent with the GWMP, a nonparametric inter-well prediction limit approach is used to evaluate water quality results for Appendix I parameters (15 metals plus nitrate). Using this procedure, the highest concentration of each parameter in the background data set is selected as the prediction limit for that parameter. For total metals, prediction limits for non-detected metals were set equal to the method reporting limit (MRL). If more than one MRL was used over the eight-quarter evaluation period, the higher value was selected as the prediction limit.

Prediction limits are updated when water quality changes are observed from ongoing monitoring at upgradient (background) wells MW-9 and MW-10. The groundwater prediction limits remained unchanged during 2025, except for vanadium at MW-10 as it was detected slightly over the method detection limit (MRL) of 0.005 mg/L during the fourth quarter. Nitrate and total metal concentrations

measured at downgradient monitoring wells were less than or equal to prediction limit values during 2025.

Downgradient water quality results were also compared to the groundwater quality criteria listed in WAC 173-200. Inorganic parameters and metals results measured at downgradient monitoring wells that exceeded their respective groundwater quality criteria are included below in Exhibit 5. The values listed in Exhibit 5 remained typical of previous results, are interpreted to be within natural background variation. The MRL for used for arsenic during the first, second and third quarters is 0.005 milligrams per liter (mg/L), which is greater than the WAC 173-200 criterion of 0.00005 mg/L. Therefore, all arsenic results were greater than the WAC 173-200 criterion for the first three quarters. For the fourth quarter, after a discussion with John Price at the Department of Ecology, the MRL for arsenic was adjusted to 0.0005 mg/L to report arsenic results closer to the WAC 173-200 criterion.

Exhibit 5. 2025 Groundwater Results Greater Than WAC 173-200 Criteria

Parameter	Event	Ground-water Criteria	MW-1A	MW-2A	MW-3	MW-4	MW-5A	MW-6	MW-7
Arsenic, Total	Q1	0.00005	--	**	**	0.011	0.075	0.0066	0.0052
	Q2		**	**	**	0.0088	**	0.0061	**
	Q3		**	**	**	0.011	**	0.0079	0.0065
	Q4		0.0022	0.0032	0.004	**0.02**	0.0054	0.0081	0.0056
Iron, Dissolved	Q1	0.30	--	0.86	*	*	*	*	0.22
	Q2		0.27	0.8	*	*	*	*	0.23
	Q3		0.13	0.25	*	*	*	*	*
	Q4		0.36	1.1	*	*	0.069	*	0.22
Manganese, Dissolved	Q1	0.05	--	0.32	0.4	0.18	0.17	0.25	0.23
	Q2		0.25	0.28	0.29	0.061	0.17	0.24	0.24
	Q3		0.28	0.29	0.26	0.14	0.15	0.025	0.22
	Q4		0.28	0.31	0.27	0.028	0.16	0.27	0.22

Notes:
* = concentration less than WAC 173-200 criterion
** = analyte not detected at or above the MRL, but MRL is greater than the WAC 173-200-040 Groundwater Criteria
-- = Not sampled
Bold value = exceeds the site-specific prediction limit in addition to the WAC 173-200-040 GW Quality Criteria

Time-trend plots for inorganic parameters, total and dissolved metal concentrations at the monitoring wells are included in Appendix B. The following four plots are included for each monitoring well:

- Plot 1 — nitrate, ammonia, chloride, TOC
- Plot 2 — alkalinity, sulfate, TDS
- Plot 3 — calcium, magnesium, sodium, potassium
- Plot 4 — iron, manganese, zinc, arsenic

Chloride and nitrate concentrations remain higher at upgradient well MW-10 compared to downgradient water quality. The pH values at MW-10 were below the WAC 173-200 criterion of 6.5 during each quarter in 2025, and the pH values at upgradient well MW-9 were below the WAC 173-200 criterion of 6.5 during the first and third quarter monitoring event. Since MW-9 and MW-10 are upgradient of the landfill, these values are interpreted to reflect background water quality conditions.

As shown on the referenced time-trend plots, downgradient dissolved metal and inorganic parameter concentrations during 2025 were consistent with previously measured values.

A geochemical evaluation of Appendix II parameters was conducted quarterly at each well. This evaluation includes an examination of the cation/anion balance and the plotting of major ions on trilinear diagrams. Trilinear plots of major cations and anions are included in Appendix D. These plots demonstrate the inherent water quality difference between groundwater from the monitoring wells and LDCS system, versus leachate (see Appendix D).

The cation-anion balance evaluates the difference in the sum of cations and anions (in milliequivalents per liter [meq/L]) within a water sample to determine if it is electroneutral (balanced cation and anion charges). A threshold of ten percent difference is used if the total cation-anion sums are less than 5.0 meq/L, and a threshold of five percent difference is used if the total cation-anion sums are greater than or equal to 5.0 meq/L. During 2025, cation-anion balance evaluations exceeded the appropriate threshold at background monitoring well MW-10 during the second and fourth quarters. In addition, cation-anion balance thresholds were exceeded at downgradient monitoring wells MW-2A (second, fourth quarter), MW-3A (fourth quarter) MW-4 (second, fourth quarter), MW-5 (second quarter), MW-6 (fourth quarter) and MW-7 (fourth quarter). These latter balances may reflect the presence of ions outside the parameter suite being analyzed, possible errors associated with analytical limitations in the measurements or may be due to background water quality conditions (see summary tables in Appendix B). The slight exceedances for these wells are consistent with historical data and in combination with the laboratory data they do not appear to be of concern.

The following statistics were performed using background groundwater quality data:

- The background mean
- The background variance
- The standard deviation of the background data
- The coefficient of variation of the background data
- The standard error of the background data

The statistical method accounted for data below the limit of detection by using a simple substitution of one-half the value of the method reporting limit. The groundwater data tables used for statistical analyses, including prediction limits, are included in Appendix E.

No VOCs were reported in groundwater samples collected from the monitoring wells in 2025.

6.3 MONITORING WELL CONSTRUCTION/MAINTENANCE

During quarter one, the malfunctioning pump at MW-1 was replaced and sampling resumed during quarter two. No other significant, well construction or maintenance activities occurred during 2025.

7.0 STORMWATER MONITORING

Stormwater monitoring was performed weekly, monthly, and quarterly in accordance with the National Pollution Discharge Elimination System (NPDES) Industrial Stormwater General Permit (ISGP Permit No. WAR002557) and the NPDES Construction Stormwater General Permit (CSWGP Permit No. WAR002603).

Weekly monitoring per the CSWGP consisted of visual site inspections and stormwater sampling for turbidity. Monthly monitoring included visual site inspections. Quarterly monitoring per the ISGP consisted of visual site inspections and stormwater sampling for field parameters of turbidity and pH, and laboratory analyses of ammonia, biological oxygen demand (BOD), copper (total), zinc (total), total suspended solids (TSS), total petroleum hydrocarbons (TPH) as oil and grease (visual inspection), and semi-volatile organic compounds (SVOCs) including benzoic acid, alpha-terpineol, p-Cresol (4-methylphenol), and phenol. Samples for laboratory testing were submitted to Eurofins of Fife, Washington.

Construction stormwater and industrial stormwater were treated using Chitosan enhanced sand filtration (CESF) systems in 2025. The construction stormwater treatment system is located near the southwest corner of the future landfill footprint area. Treated construction stormwater is discharged into the concrete stormwater channel that conveys stormwater to the site's detention pond. The industrial stormwater treatment system is situated on the east side of the stormwater detention pond. Treated industrial stormwater is discharged through the outlet piping at the detention pond.

No stormwater benchmarks or water quality effluent limits were exceeded in 2025. Copies of the 2025 Discharge Monitoring Reports (DMRs) for the construction and industrial permits are included in Appendix G.

8.0 LANDFILL GAS MONITORING

8.1 GAS PROBE MONITORING

The landfill gas monitoring network consists of thirteen gas probes installed adjacent to the landfill within the perimeter berm (performance gas probes GP-1, GP-2, GP-3, GP-4, GP-9, GP-10, GP-10P, GP-11, GP-12, GP-13, GP-14, GP-15 and GP-16) and five soil probes that were installed in September 2022 within native soils closer to the facility property boundary (compliance gas probes GP-17, GP-18, GP-19, GP-20, and GP-21).

Gas probe monitoring was conducted monthly during 2025 using a Landtec GEM 2000/5000 or Elkins Earthworks Envision.

Methane was not measured above the lower explosive limit of 5 percent methane by volume at performance gas probes, GP-3, GP-4, GP-11, GP-13, GP-14, GP-15 and GP-16. Concentrations of methane greater than 5 percent by volume were recorded at least once at performance probes GP-1, GP-2, GP-9, GP-10A, GP-10B, and GP-12. Low-level detections of methane were measured in compliance probes GP-18 (0.3 % volume; December) and GP-20 (0.1 % volume; January and February). Methane was not measured at detectable levels in compliance probes GP-17, GP-19, and GP-21 in 2025. Table H-1 in Appendix H provides a summary of landfill gas monitoring results for 2025.

The performance gas probes are designed to allow for the early detection of landfill gas before subsurface migration to the property line (point of compliance) could occur. On May 4, 2023, a barhole survey was performed for GP-1 and GP-10/10P that exhibited methane concentrations greater than 5.0%. The locations selected were immediately adjacent to the perimeter berm located within native soils. Barhole samples were taken approximately every 50-feet in either direction parallel to the perimeter berm near these performance probes. No methane was detected in any barhole reading within the native soils. These results were consistent with previous barhole monitoring surveys conducted for GP-2 and GP-12 which have shown that the methane levels reported above in the performance probes do not result in the migration of landfill gas to the property line.

8.2 ON-SITE BUILDING MONITORING

On-site buildings were monitored once per quarter in 2025. Measurements were obtained using a GasTech or Photovac MicroFID (FID). No significant levels of methane were reported at any of the buildings in 2025. For more details regarding the on-site building monitoring see Appendix H.

8.3 LANDFILL GAS EXTRACTION WELL CONSTRUCTION

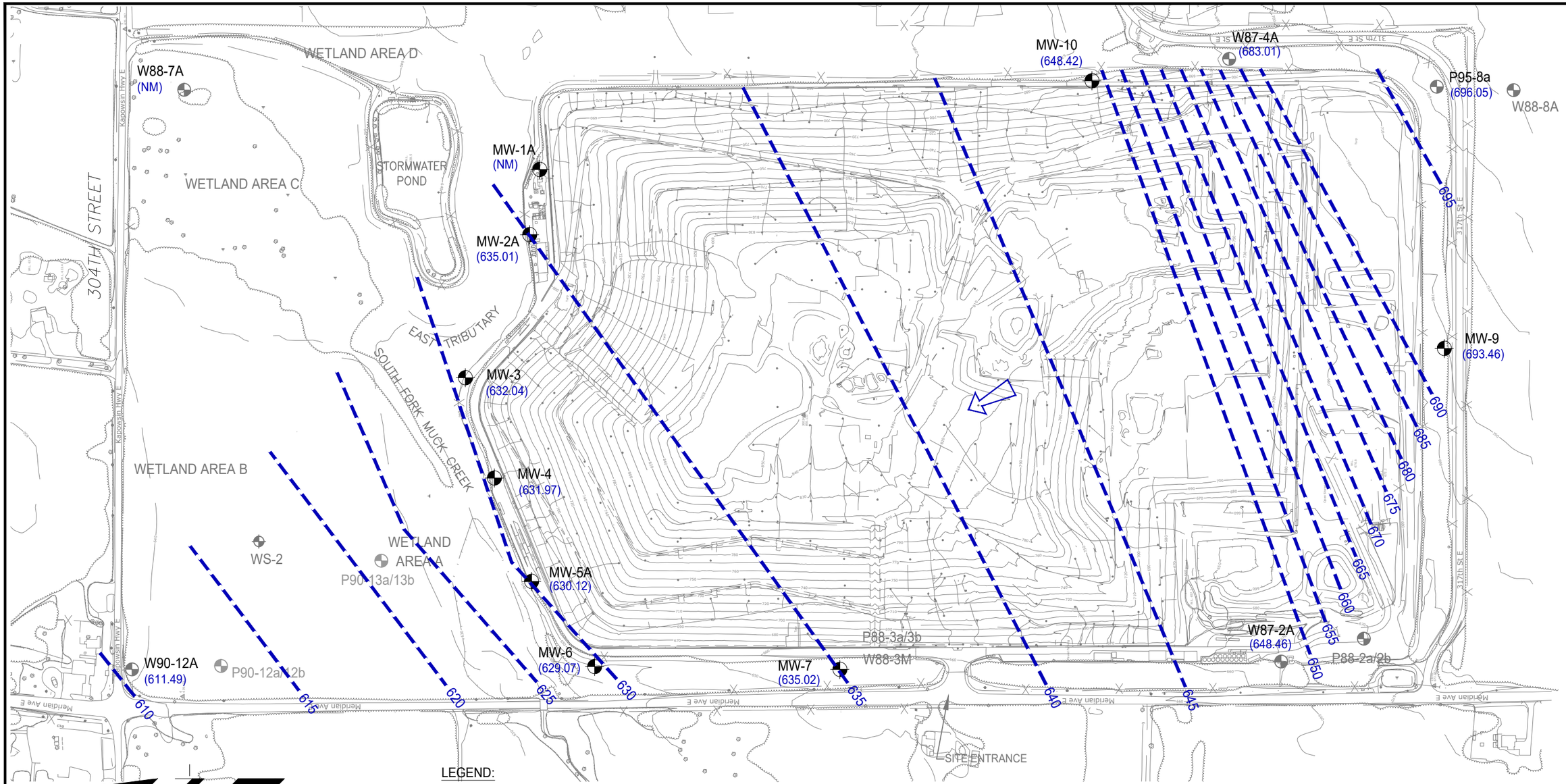
Gas extraction wells were installed in two phases in 2025. Phase 1 was installed by Weaver Consultants Group in the first quarter and included twelve (12) vertical gas extraction wells. Phase 2 was installed by SCS and included thirty one (31) new landfill gas extraction wells at the LRI Landfill in the third quarter of 2025. Copies of the Gas Extraction Well Installation Reports that summarize the work are included in Appendix H.

9.0 FINANCIAL ASSURANCE COST ESTIMATES

Cost estimates for constructing the final closure over the refuse as well as performing annual monitoring and maintenance are included in Appendix I. As required in Chapter 173-351-600(3)(a), the estimates are in current dollars for the total cost of hiring a third party to perform the work. Costs for post-closure monitoring and maintenance are based on the most expensive costs of post-closure care during the post-closure period. The closure and post-closure cost estimates are reviewed annually and updated as appropriate.

Appendix A

Water Level Data



LEGEND:

MW-1A	MONITORING WELL
W87-2A	CHARACTERIZATION WELL/ PIEZOMETER
(646.11)	GROUNDWATER ELEVATION (IN FEET ABOVE MSL)
	INFERRED GROUNDWATER FLOW DIRECTION
(NM)	NOT MEASURED

NOTES:

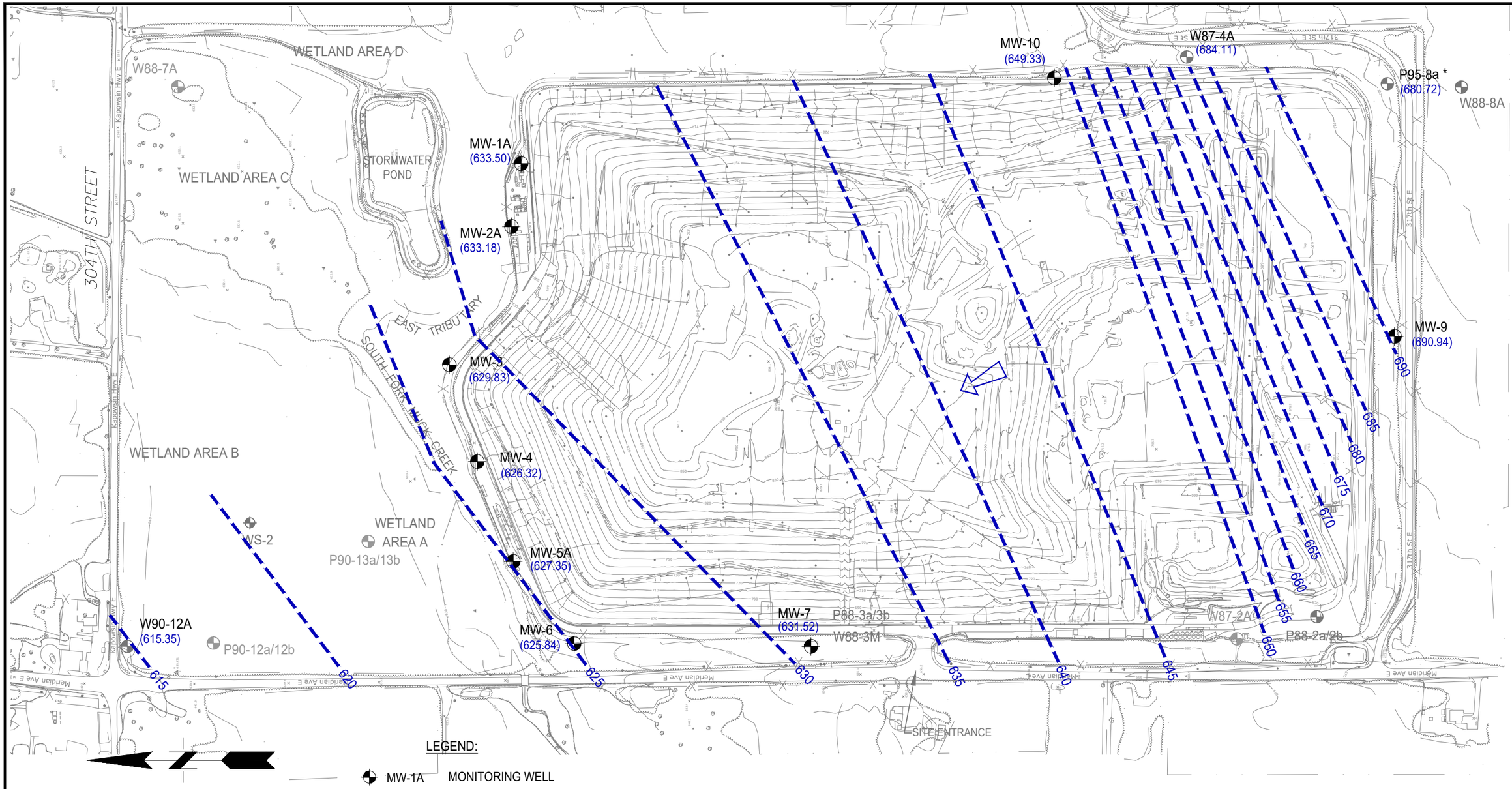
VERTICAL DATUM - BASED ON PIERCE COUNTY BENCH NO. 112-28, ELEVATION 660.29 NGVD29

0 400 800

SCALE (ft)

SCS ENGINEERS
Environmental Consultants and Contractors
2405 140th Avenue NE, Suite 107
Bellevue, Washington 98005
(425) 746-4600 FAX: (425) 746-6747

PROJECT NO. 04225001.02	DES BY J.E.	POTENTIOMETRIC SURFACE CONTOUR MAP MARCH 26, 2025	DATE JUNE 2025
SCALE AS SHOWN	CHK BY D.V.	LRI LANDFILL 30919 MERIDIAN STREET E. GRAHAM, WASHINGTON	FIGURE 1
CAD FILE FIGURE 1	APP BY G.H.		



LEGEND:

MW-1A	MONITORING WELL
W87-2A	CHARACTERIZATION WELL/ PIEZOMETER
(646.11)	GROUNDWATER ELEVATION (IN FEET ABOVE MSL)
	INFERRED GROUNDWATER FLOW DIRECTION
(NM)	NOT MEASURED

NOTES:

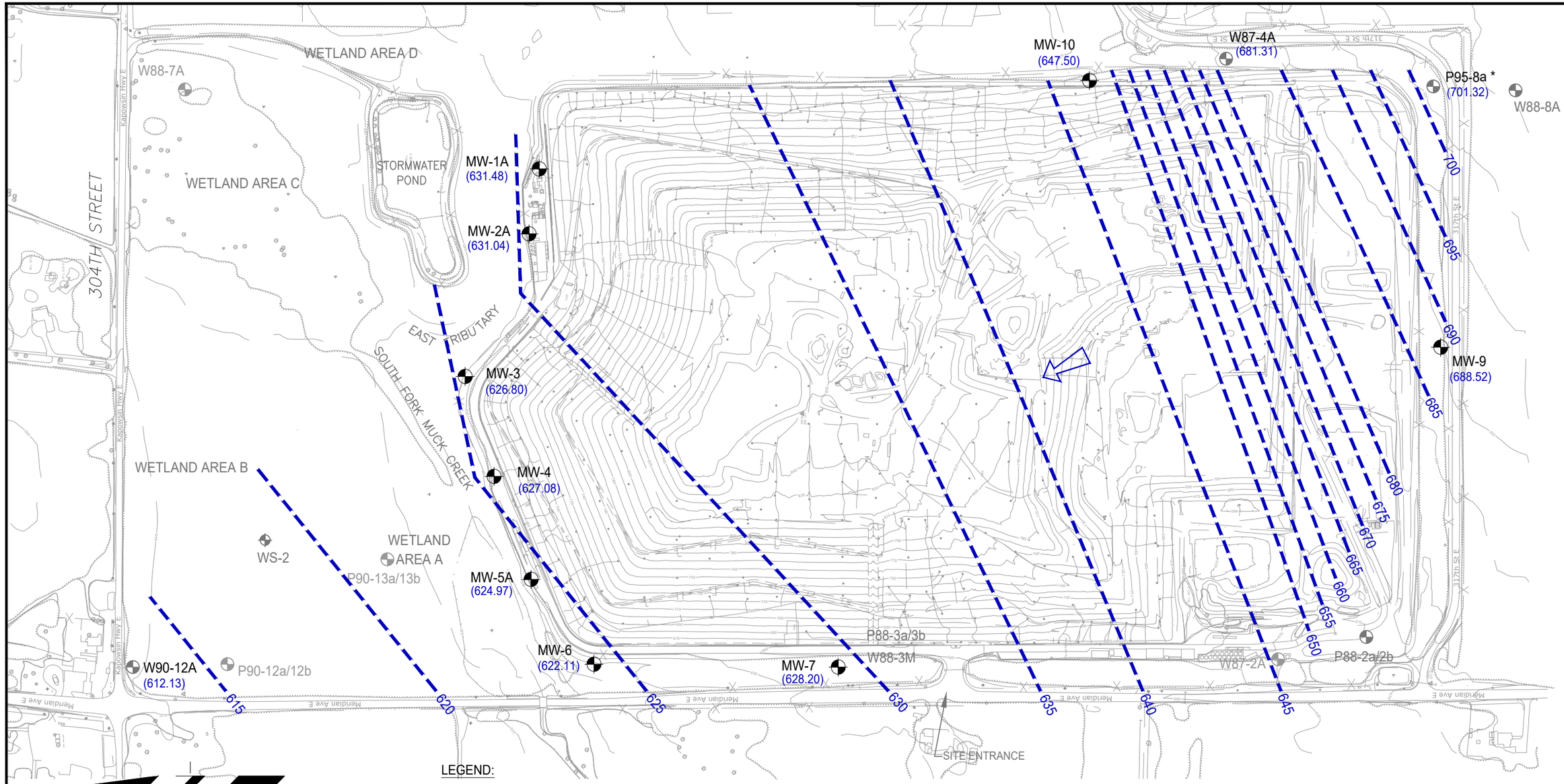
VERTICAL DATUM - BASED ON PIERCE COUNTY BENCH NO. 112-28, ELEVATION 660.29 NGVD29

0 400 800

SCALE (ft)

SCS ENGINEERS
Environmental Consultants and Contractors
2405 140th Avenue NE, Suite 107
Bellevue, Washington 98005
(425) 746-4600 FAX: (425) 746-6747

PROJECT NO. 04225001.02	DES BY J.E.	POTENTIOMETRIC SURFACE CONTOUR MAP JUNE 18, 2025	DATE OCTOBER 2025
SCALE AS SHOWN	CHK BY D.V.	LRI LANDFILL 30919 MERIDIAN STREET E. GRAHAM, WASHINGTON	FIGURE 1
CAD FILE FIGURE 1	APP BY G.H.		



NOTES:

VERTICAL DATUM - BASED ON PIERCE COUNTY BENCH NO. 112-28, ELEVATION 660.29 NGVD29

LEGEND:

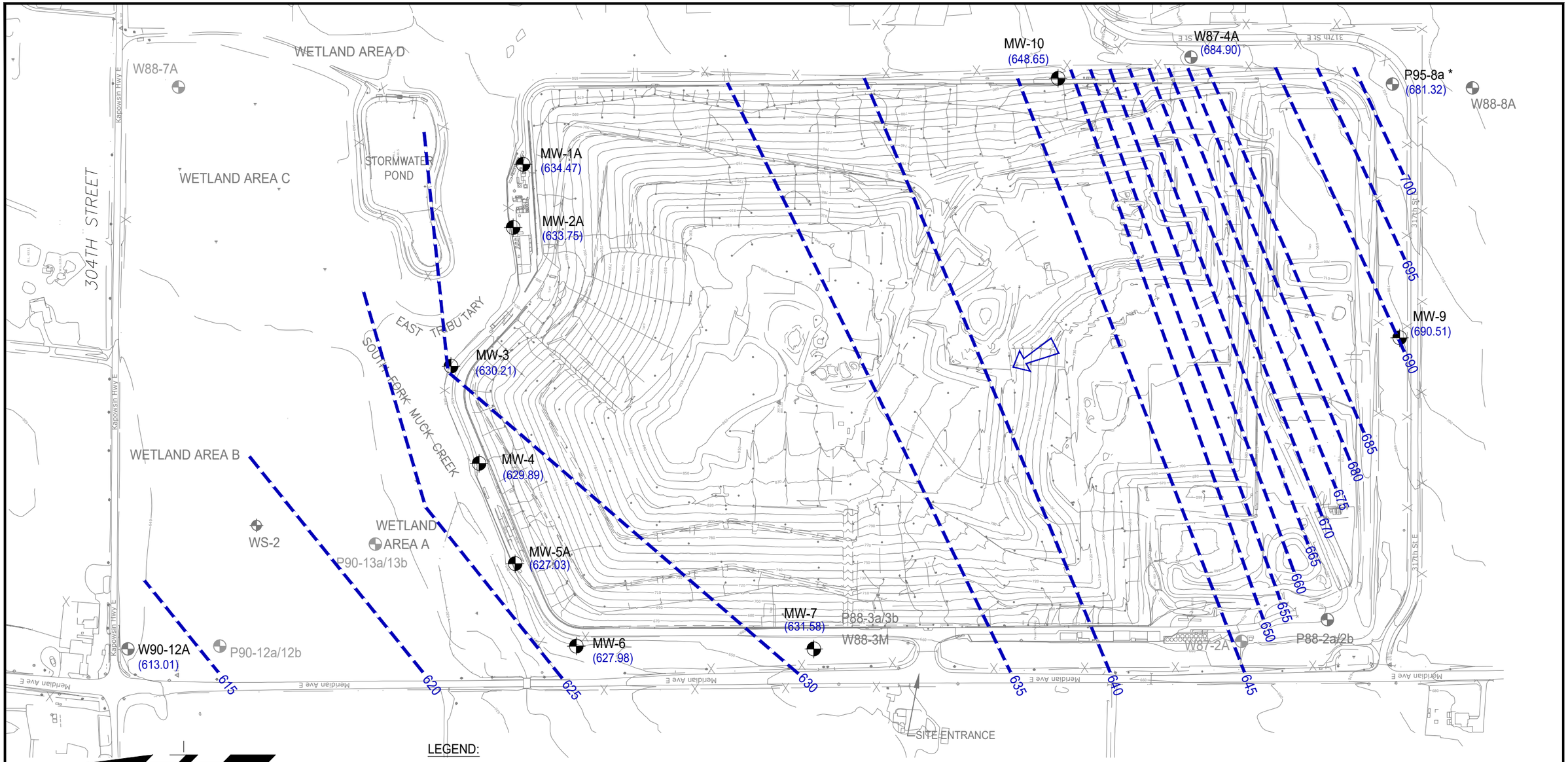
MW-1A	MONITORING WELL
W87-2A	CHARACTERIZATION WELL/ PIEZOMETER
(631.48)	GROUNDWATER ELEVATION (IN FEET ABOVE MSL)
	INFERRED GROUNDWATER FLOW DIRECTION
(NM)	NOT MEASURED

0 400 800

SCALE (ft)

SCS ENGINEERS
Environmental Consultants and Contractors
2405 140th Avenue NE, Suite 107
Bellevue, Washington 98005
(425) 746-4600 FAX: (425) 746-6747

PROJECT NO. 04225001.02	DES BY J.E.	POTENTIOMETRIC SURFACE CONTOUR MAP SEPTEMBER 23, 2025	DATE JANUARY 2026
SCALE AS SHOWN	CHK BY D.V.	LRI LANDFILL 30919 MERIDIAN STREET E. GRAHAM, WASHINGTON	FIGURE 1
CAD FILE FIGURE 1	APP BY G.H.		



LEGEND:

MW-1A	MONITORING WELL
W87-2A	CHARACTERIZATION WELL/ PIEZOMETER
(634.47)	GROUNDWATER ELEVATION (IN FEET ABOVE MSL)
	INFERRED GROUNDWATER FLOW DIRECTION
(NM)	NOT MEASURED
*	NOT USED FOR CONTOURING

NOTES:

VERTICAL DATUM - BASED ON PIERCE COUNTY BENCH NO. 112-28, ELEVATION 660.29 NGVD29

0 400 800

SCALE (ft)

SCS ENGINEERS
Environmental Consultants and Contractors
2405 140th Avenue NE, Suite 107
Bellevue, Washington 98005
(425) 746-4600 FAX: (425) 746-6747

PROJECT NO.	04226001.02
DES BY	J.E.
SCALE	AS SHOWN
CHK BY	D.V.
CAD FILE	FIGURE 1
APP BY	G.H.

POTENTIOMETRIC SURFACE CONTOUR MAP
DECEMBER 2, 2025

LRI LANDFILL
30919 MERIDIAN STREET E.
GRAHAM, WASHINGTON

DATE: APRIL 2026

FIGURE: 1

G:\04\226001.02 - LRI GW Monitoring\9 Drafting\Drawings\Water Level Maps\2025\2025 Q4\Figure 1 - Water Level Map_12-2-2025.dwg, 4/22/2026 1:06:29 PM, DWG To PDF.pc3

Table 1. Groundwater Level Elevations
First Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Well Casing Elevation (ft)	Depth to Water (ft)	Water Level Elevation (ft, NGVD29)
Wells			
W87-2A	664.01	15.55	648.46
W87-4A	693.29	10.28	683.01
W90-12A	640.84	29.35	611.49
MW-1A	652.57	NM	--
MW-2A	651.93	16.92	635.01
MW-3	637.41	5.37	632.04
MW-4	652.37	20.40	631.97
MW-5A	655.55	25.43	630.12
MW-6	635.71	6.64	629.07
MW-7	656.03	21.01	635.02
MW-9	701.77	8.31	693.46
MW-10	678.37	29.95	648.42
Piezometers			
P95-8A	722.07	26.02	696.05
GP-1P	652.00	13.91	638.09
GP-2P	658.61	15.38	643.23
GP-3P	658.51	8.93	649.58
GP-4P	662.01	9.13	652.88
GP-9P	674.03	10.50	663.53
GP-14P		10.72	--
GP-15P		14.77	--
GP-16P	689.51	18.98	670.53
GP-17P		4.85	--
P21-2		21.18	--
P22-1		27.22	--
P22-2		5.42	--
South Creek			
SWSC-1	632.68	3.40	629.28
SWSC-2	629.98	4.92	625.06
Leak Detection System			
LDCS-1	657.26	28.33	628.93
LDCS-2A	659.24	29.65	629.59
LDCS-2B	661.70	28.20	633.50

Notes:

NM = not measured

-- = not applicable

All measurements taken on March 11-27, 2025

Table 1. Groundwater Level Elevations
Second Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Well Casing Elevation (ft)	Depth to Water (ft)	Water Level Elevation (ft, NGVD29)
Wells			
W87-4A	693.29	9.18	684.11
W90-12A	640.84	25.49	615.35
MW-1A	652.57	19.07	633.50
MW-2A	651.93	18.75	633.18
MW-3	637.41	7.58	629.83
MW-4	652.37	23.05	629.32
MW-5A	655.55	27.05	628.50
MW-6	635.71	9.87	625.84
MW-7	656.03	24.51	631.52
MW-9	701.77	10.83	690.94
MW-10	678.37	29.04	649.33
Piezometers			
P95-8A	722.07	41.35	680.72
GP-1P	652.00	14.14	637.86
GP-2P	658.61	16.13	642.48
GP-3P	658.51	8.77	649.74
GP-4P	662.01	11.21	650.80
GP-9P	674.03	12.93	661.10
South Creek			
SWSC-1	632.68	4.62	628.06
SWSC-2	629.98	3.95	626.03
Leak Detection System			
LDCS-1	657.26	27.69	629.57
LDCS-2A	659.24	29.39	629.85
LDCS-2B	661.70	27.50	634.20

Notes:

NM = not measured

-- = not applicable

All measurements taken on June 18-19, 2025

Table 1. Groundwater Level Elevations
Third Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Well Casing Elevation (ft)	Depth to Water (ft)	Water Level Elevation (ft, NGVD29)
Wells			
W87-4A	693.29	11.98	681.31
W88-3M	658.11	68.76	589.35
W90-12A	640.84	28.71	612.13
MW-1A	652.57	21.09	631.48
MW-2A	651.93	20.89	631.04
MW-3A	637.41	10.61	626.80
MW-4	652.37	25.29	627.08
MW-5	654.4	29.43	624.97
MW-6	635.71	13.60	622.11
MW-7	656.03	27.83	628.20
MW-9	701.77	13.25	688.52
MW-10	678.37	30.87	647.50
Piezometers			
P95-8A	722.07	20.75	701.32
GP-1P	652.00	14.14	637.86
GP-2P	658.61	16.13	642.48
GP-3P	658.51	8.77	649.74
GP-4P	662.01	11.21	650.80
GP-9P	674.03	12.93	661.10
Leak Detection System			
LDCS-1	657.26	27.69	629.57
LDCS-2A	659.24	29.39	629.85
LDCS-2B	661.70	27.50	634.20

Notes:

NM = not measured

-- = not applicable

All measurements taken on September 23, 2025

Table 1. Groundwater Level Elevations
December 2-17, 2025
LRI Landfill, Pierce County, Washington

Location	Well Casing Elevation (ft)	Depth to Water (ft)	Water Level Elevation (ft, NGVD29)
Wells			
W87-4A	693.29	8.39	684.90
W90-12A	640.84	25.46	615.38
MW-1A	652.57	18.10	634.47
MW-2A	651.93	18.18	633.75
MW-3	637.41	7.20	630.21
MW-4	652.37	22.48	629.89
MW-5A	654.40	27.37	627.03
MW-6	635.71	7.73	627.98
MW-7	656.03	24.45	631.58
MW-9	701.77	11.26	690.51
MW-10	678.37	29.72	648.65
Piezometers			
P95-8A	722.07	40.75	681.32
GP-1P	652.00	10.20	641.80
GP-2P	658.61	14.50	644.11
GP-3P	658.51	7.80	650.71
GP-4P	662.01	11.00	651.01
GP-9P	674.03	10.65	663.38
GP-16P	689.51	19.10	670.41
GP-17P	NS	5.10	--
GP-18P	NS	3.00	--
GP-19P	NS	5.53	--
GP-20P	NS	4.65	--
P21-2	NS	21.80	--
P22-1	NS	29.82	--
P22-2	NS	7.70	--
P22-3	NS	12.35	--
South Creek			
SWSC-1	632.68	3.20	629.48
SWSC-2	629.98	3.34	626.64
Leak Detection System			
LDCS-1	657.26	28.14	629.12
LDCS-2A	659.24	29.69	629.55
LDCS-2B	661.70	28.28	633.42

Notes:

NM = not measured

-- = not applicable

NS = Not surveyed

All measurements taken on December 2-17, 2025

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	WELL CASING ELEVATION	11/6/1987	7/13/1988	7/26/1988	9/8/1988	12/22/1988	1/17/1989	2/27/1989	3/21/1989	4/11/1989	5/19/1989	7/5/1989	8/21/1989	9/22/1989	10/19/1989	11/13/1989	12/4/1989	12/21/1989	1/29/1990
W87-1A	661.27	649.01	653.52	650.48	650.25	656.26	656.32	656.36	656.44	656.38	655.51	653.13	650.80	649.55	648.87	649.61	655.43	655.76	656.26
W87-2A	664.01	648.28	651.18	648.71	645.31		653.66	651.41	651.95	652.31	651.64	649.58	647.12	646.34	646.52	647.39	649.73	650.69	652.01
W88-3M	658.11						649.88		650.30	650.41	650.06	649.04	647.23	646.07	645.80	645.82	647.45	648.45	650.72
W87-4a	693.29	681.38	685.21	683.23	683.17		687.80	687.86	687.77	687.64	686.52	684.68	683.14	682.20	681.53	683.47	687.11		687.69
W88-5A	645.26						634.45	636.09	636.09	635.96	635.22	633.24	631.05	630.20	629.75	630.91	634.81	635.53	635.83
W88-6A	652.23							646.99	646.42	646.01	645.05	642.74	643.34	639.23	638.45	639.87	646.99	646.60	647.23
W88-7A	632.51							628.25	628.52	628.44	627.25	625.71		623.33	623.42	625.20	627.21	627.41	
W88-8M	721.05								684.20	684.28	683.42	682.49	681.68	681.26	681.17	681.85	682.86	683.05	683.98
W90-12A	640.84																		
W95-14A	680.49																		
MW-1	649.51																		
MW-1A	652.57																		
MW-2	639.25																		
MW-2A	651.93																		
MW-3	637.41																		
MW-4	652.37																		
MW-5	654.40																		
MW-5A	655.55																		
MW-6	635.71																		
MW-7	656.03	630.52	636.18	633.64	632.01	638.96	639.03	639.35	639.72	639.56	638.29	636.03	632.87	631.72	631.08	633.03	637.68	638.80	638.88
MW-9	701.77																		
MW-10	678.37																		
P88-1a	662.16					658.69	658.67	658.87	658.73	658.62	658.24	655.39	652.95	651.51	650.69	651.72	658.78	658.35	658.75
P88-1b	661.86					656.20	656.35	656.44	656.44	656.36	655.59	653.19	650.87	649.59	648.90	649.66	655.46	655.86	656.16
P88-2a	663.96						660.29	660.48	660.44	660.34	659.53	656.60	654.31	653.20	652.57	653.40	659.37	659.95	660.41
P88-2b	663.48						653.80	653.75	654.05	654.17	653.21	651.05	648.35	647.33	647.12	647.77	652.15	653.25	653.61
P88-3a	656.20					649.60	649.09	649.35	649.54	649.30	648.04	643.97	640.42	639.34	638.56	639.61	646.37	648.67	649.30
P88-3b	655.98					645.54	645.44	645.69	645.51	645.24	643.89	640.59	636.20	636.05	635.33	636.70	642.57	644.52	644.89
P87-4M	693.21	680.80	682.61	680.90	681.35		683.90	683.93	684.13	683.98	683.22	682.34	681.44	681.08	680.90	681.65	682.82	682.95	683.29
P88-5a	644.83						637.46	637.42	637.34	637.09	636.05	633.99	632.08	631.26	630.70	631.20	634.36	635.95	637.18
P88-5b	644.60						635.13	636.26	635.90	635.74	635.01	632.88	630.79	629.89	629.42	630.75	634.39	635.51	635.60
P95-8a	722.07																		
P88-9a	653.28							646.75	646.62	646.56	645.85	643.56	640.44	639.16	638.43	640.86	645.76	646.11	
P88-9b	652.79							641.52	641.53	641.47	640.58	638.47	635.76	634.66	634.00	634.98	639.88	640.88	641.30
P88-10a	665.70						661.33	661.68	661.60	661.45	660.00	657.45	654.46	652.77	651.59	652.13	659.04	660.27	661.42
P88-10b	665.48						655.58	655.66	655.70	655.73	654.82	652.65	649.87	648.49	647.77	648.25	653.73	654.77	654.99
P90-12a	640.79																		
P90-12b	640.73																		
P90-13a	645.19																		
P90-13b	643.63																		
P13-14A	665.96																		
GP-1P	652.00																		
GP-2P	656.61																		
GP-3P	658.51																		
GP-4P	662.01																		
GP-5P	653.59																		
GP-6P	652.39																		
GP-7P	658.12																		
GP-8P	659.18																		
GP-9P	674.03																		
GP-10	649.86																		
GP-14																			
GP-15																			
GP-16																			
WS-1	646.07	613.37	617.99		612.73				619.27	619.86	618.55	616.37	608.54	613.09	612.91	613.44	616.55	618.43	617.39
SG-1	632.79																		
SG-2	629.95																		
LDCS-1	657.26																		
LDCS-2A	659.24																		
LDCS-2B	661.70																		

Well MW-4 casing adjusted from 639.35 to approximately 643.05 in September 2005, to 652.37 in May 2006
Well MW-5 adjusted from 644.83 to 654.40 in August 2008
Well MW-10 casing adjusted from 673.87 to 678.37 in August 2019
Well W88-3M casing adjusted from 656.03 to 658.11 in September 2000
Well MW-6 was previously referred to as MW-11A
Well MW-7 was previously referred to as MW-3A
Well P13-14A was previously referred to as P13-14b

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	3/5/1990	4/17/1990	6/19/1990	9/24/1990	10/17/1990	11/19/1990	12/18/1990	1/25/1991	3/14/1991	5/2/1991	6/10/1991	7/11/1991	10/2/1991	10/23/1991	11/21/1991	12/13/1991	1/15/1992	3/25/1992	5/7/1992	6/25/1992
W87-1A	656.14	656.07	656.08	650.00	649.72	655.18	656.27	656.17	656.33	656.10	655.82	653.94	649.74	649.19	650.66	655.56	655.96	656.02	655.77	651.61
W87-2A	652.26	652.55	652.74	647.98	648.42	650.31	651.74	651.91	652.43	653.15	653.05	651.46	648.63	648.48	649.01	650.88	651.94	652.80	652.69	649.35
W88-3M	651.18	651.05	651.08	646.90	646.81	648.08	649.85	650.18	650.44	650.26	650.12	649.99	646.95	646.63	646.78	648.10	648.90	649.96	650.08	645.01
W87-4a	687.85	687.17	687.16	682.94	683.05	686.78	687.70	687.43	687.83	687.17	686.58	685.27	682.70		684.23	686.93	687.39	687.22	686.76	684.03
W88-5A	635.67	635.71	635.62	630.59	630.63	634.59	636.05	635.76	636.03	635.88	635.50	634.17	630.63		631.84	635.20	635.81	635.80	635.49	632.00
W88-6A	646.38	645.97	645.40	643.54	639.29	645.78	646.48	645.11	645.56	644.90	644.56	643.16	639.26		640.18	644.48	644.86	644.75	644.38	640.68
W88-7A	626.84	626.72		623.10	624.15	626.83	628.09	627.89		628.20	627.62	626.51	623.56		625.48	627.26	627.70	627.73	627.38	625.72
W88-8M	684.17	683.81	683.95	681.85	682.04	682.84	684.08	684.12	684.05	684.12	683.76	683.16	681.78		682.33	683.11	683.33	683.85	683.58	682.41
W90-12A					606.11	610.40	612.46	612.72	613.50	614.36	613.71	611.72	607.30		608.87	611.05	612.33	613.03	612.84	607.30
W95-14A																				
MW-1																				
MW-1A																				
MW-2																				
MW-2A																				
MW-3																				
MW-4																				
MW-5																				
MW-5A																				
MW-6					625.93	629.27	629.63	629.05	629.56	628.45	627.48	626.64	625.02		628.26	629.12	628.89	628.48	627.85	625.91
MW-7	639.03	639.23	639.16	632.12	631.13	637.87	639.92	639.03	640.00	639.61	638.98	637.23	632.27	631.85	634.62	638.34	639.18	639.54	639.21	634.34
MW-9																				
MW-10																				
P88-1a	658.41	658.45	658.27	651.73	651.32	658.76	658.86	658.49	658.91	658.54	658.17	656.22	651.37	650.60	653.93	658.49	658.65	658.55	658.02	653.81
P88-1b	656.18	656.12	656.12	650.06	649.96	655.17	656.30	656.18	656.40	656.12	655.84	653.94	649.72	649.19	650.67	655.56	655.98	656.01	655.79	651.65
P88-2a	660.19	659.84	660.18	654.10	653.40	659.51	660.47	660.26	660.22	660.44	659.98	658.31	653.99	653.46	654.98	659.49	660.33	660.29	659.88	655.75
P88-2b	653.85	653.90	654.07	648.27	648.38	652.16	653.87	653.84	654.37	654.40	654.07	652.42	648.48	648.13	649.05	652.93	653.80	654.18	653.99	650.04
P88-3a	649.03	649.20	648.99	639.84	639.52	646.95	649.66	649.20	649.77	649.41	648.66	646.02	639.73	639.13	641.39	647.69		649.34	648.65	642.02
P88-3b	644.77	644.95	644.87	636.54	636.39	643.06	645.62	645.05	645.65	645.34	644.64	642.39	636.61	636.12	638.44	643.80		645.37	644.84	638.68
P87-4M	683.95	683.61	683.78	681.52	681.90	682.59	683.63	683.87	683.63	683.69	683.48	682.85	681.54		682.18	683.01	683.23	683.63	683.51	682.07
P88-5a	636.82	634.54	634.86	631.67	631.49	634.21	637.39	636.85	636.32	637.24	636.74	635.26	631.84		632.08	637.99	637.26	637.17	636.76	633.37
P88-5b	635.39	635.35	635.23	630.21	630.21	634.35	635.75	635.42	635.87	635.49	635.08	633.72	630.23		631.64	634.90	635.47	635.42	635.02	631.67
P95-8a																				
P88-9a	646.47	646.56	646.53	639.84	639.65	645.97	646.74	646.66	646.92	646.73	646.43	644.94	639.75		641.34	646.12	646.65	646.65	645.38	642.34
P88-9b	641.25	641.29	641.24	635.15	635.05	639.87	641.36	641.38	641.77	641.49	641.10	639.58	635.20		635.99	640.50	641.30	641.37	641.10	637.02
P88-10a	660.96	660.40	660.93	653.25	652.46	659.18	661.31	661.10	661.66	661.43	660.66	658.88	652.90		653.13	659.54	661.00	661.04	660.65	656.02
P88-10b	655.60	655.39	655.48	649.02	648.67	653.60	655.45	655.48	655.66	655.66	655.26	653.84	648.89		649.25	654.43	655.30	655.48	655.28	651.28
P90-12a					636.03	638.60	638.72	638.47	638.15	638.39	637.84	636.53	634.20		638.28	638.43	638.45	638.21	637.48	635.41
P90-12b					634.03	637.13	637.36	636.99	636.60	637.02	636.62	635.23	632.58		636.51	636.94	637.02	636.79	636.21	633.78
P90-13a					632.30	639.60	640.40	639.94	640.84	640.11	639.21	637.34	632.84		633.36	639.61	640.14	639.77	639.37	635.00
P90-13b					632.23	639.42	640.31	639.74	640.50	639.85	638.91	637.11	632.65		633.73	639.40	639.91	639.56	639.11	634.78
P13-14A																				
GP-1P																				
GP-2P																				
GP-3P																				
GP-4P																				
GP-5P																				
GP-6P																				
GP-7P																				
GP-8P																				
GP-9P																				
GP-10																				
GP-14																				
GP-15																				
GP-16																				
WS-1	617.21	617.51	617.87	612.47	613.24	616.44	618.54	618.41	618.18	619.78	618.42									
SG-1								628.55	629.45	628.23	627.94	627.63	626.79		628.15	628.72	628.31	628.13		628.75
SG-2								626.21	626.76	626.12	625.95	625.72			626.38	626.59	626.32	626.19		625.33
LDCS-1																				
LDCS-2A																				
LDCS-2B																				

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	10/1/1992	10/29/1992	12/4/1992	1/15/1993	4/20/1993	6/2/1993	9/20/1993	11/3/1993	11/30/1993	1/25/1994	5/12/1994	6/21/1994	9/15/1994	10/21/1994	11/4/1994	12/13/1994	12/30/1994	1/30/1995	4/5/1995	5/24/1995
W87-1A	647.61	647.65	653.88	655.18	655.79	655.70	650.34	650.13	650.59	655.53	655.14	654.27	648.07	647.13	649.37	654.31	655.59	655.55	655.48	655.00
W87-2A	646.32	646.78	648.53	650.07	651.06	650.81	648.95	648.70	648.55	650.61	651.78	650.85	646.51	646.49	647.27	649.37	650.21	651.32	651.90	651.70
W88-3M	646.86	637.31	638.19	644.93	647.85		638.64	637.33	640.19	646.62	648.05	642.43	636.37	635.77	639.81	643.21	645.92	646.94	648.04	648.16
W87-4a	681.74	681.53	686.29	686.80	687.55	687.67	684.02	683.36	683.46	687.12	686.21	685.86	682.35	681.43	683.22	686.68	687.85	687.53	687.00	686.43
W88-5A	628.84	628.95	633.11	635.04	635.74	635.81	631.33	631.05	631.40	635.60	634.98	634.06	629.19	628.45	630.57	634.23	635.64	635.67	635.48	635.07
W88-6A	637.43	637.64	643.12	644.22	644.79	644.82	640.50	640.19	640.80	644.73	644.02	643.32	638.05	637.10	641.96	645.20	645.53	645.40	644.69	644.39
W88-7A	623.14	623.72	625.70	626.92	627.94	627.57	623.94	624.67	625.37	627.60	626.80	626.41	622.57	622.53	624.89		628.00	627.68	627.74	627.40
W88-8M	681.34	681.54	682.61	682.99	684.13	683.91	682.49	682.09	682.48	683.67	683.37	683.26	681.69	681.39	682.28	683.05	684.21	683.92	684.00	683.41
W90-12A	605.29	606.26	608.66	610.74	612.09	611.37	608.23	608.89	608.82	611.66	610.96	609.79	605.14	605.74	607.45	609.79	611.44	612.14	612.73	612.14
W95-14A																				
MW-1																				
MW-1A																				
MW-2																				
MW-2A																				
MW-3																				
MW-4																				
MW-5																				
MW-5A																				
MW-6	625.27	625.66	629.01	628.20	629.29	629.53	625.99	626.13	626.73	629.31	627.32	627.30	625.47	625.29	628.39	629.73	629.53	629.46	628.27	
MW-7	630.50	630.56	636.34	638.24	639.64	639.43	634.12	633.33	632.55	639.44	638.47	637.64	631.14	630.30	633.25	637.35	639.50	639.44	639.49	638.66
MW-9																				
MW-10																				
P88-1a	649.59	649.28	658.49	657.94	658.74	658.86	653.95	653.21	653.79	658.74	657.94	657.73	650.95	649.65	651.80	658.80	658.72	658.81	658.48	657.69
P88-1b	647.66	647.63	653.93	655.27	655.82	655.80	650.43	650.22	650.67	655.61	655.21	654.35	648.17	647.20	649.42	654.36	655.61	655.63	655.56	655.00
P88-2a	652.67	652.50	658.72	659.59	660.19			655.05	654.93	660.18	659.65	659.18	653.40	652.60	653.57	658.67	660.13	660.36	660.22	659.31
P88-2b	646.76	646.90	650.97	652.80	653.14			651.39	650.07	653.34	653.53	652.63	647.41	646.86	647.71	651.40	653.22	653.57	653.75	653.32
P88-3a	637.93	637.54	644.80	648.18	649.52	649.40		640.88	640.59	649.33	648.12	646.89	638.99	637.79	639.69	645.56	649.40	649.48	649.33	648.05
P88-3b	634.89	634.68	641.26	644.24	645.51	645.44		637.81	637.34	645.37	644.31	643.09	635.82	634.76	637.02	642.18	645.45	645.51	645.38	644.31
P87-4M	681.12	681.03	682.51	682.93	683.89	683.77	682.27	682.04	682.29	683.60	683.16	683.12	681.56	681.14	682.06	682.52	683.98	683.79	683.80	683.23
P88-5a	630.91	630.64	633.36	636.57	637.72	637.83	633.45	632.83	632.93	637.50	636.67	636.41	631.93	631.12	631.58	634.13	637.66	637.65	637.33	636.72
P88-5b	629.05	629.10	633.45	634.87	635.52	635.65	631.59	631.39	631.83	635.44	634.64	634.29	629.61	628.90	630.80	634.34	635.50	635.54	635.23	634.67
P95-8a																				
P88-9a	638.18	637.99	645.10	646.08	646.59	646.56	642.22	641.12	641.08	646.57		645.51	639.02	638.06	641.47	645.57	646.66	646.61	646.48	646.06
P88-9b	633.28	633.24	638.35	640.53	641.19	641.14	636.66	636.01	636.00	641.02		639.63	633.87	632.95	635.01	639.21	641.01	641.07	640.99	640.54
P88-10a	651.03	650.70	658.42	660.32	661.38	661.20	655.86	653.96	653.61	661.05	660.51	659.40	652.55	651.14	652.50	658.88	660.97	661.22	661.20	660.26
P88-10b	646.93	646.87	652.62	654.66	655.16	655.01	651.03	649.98	649.95	655.15	654.96	654.04	647.91	646.93	648.25	653.25	655.02	655.17	655.28	654.82
P90-12a	634.96	635.84	638.40	637.54	638.48	638.61	635.43	636.10	637.48	638.61	637.09	637.88	635.61	632.85	638.21	638.57	637.89	638.60	637.76	637.01
P90-12b	633.09	634.00	636.87	636.05	637.04	637.16	634.00	634.59	635.63	637.25	635.77	636.54	633.67	632.90	636.44	637.10	637.01	637.22	636.45	635.82
P90-13a	631.51	631.03	639.31	639.03	640.62	640.79	635.07	633.63	633.38	640.17	638.94	638.55	632.79	631.78	634.25	640.01	640.37	640.32	639.78	638.94
P90-13b	631.29	630.62	639.11	638.85	640.37	640.55	634.92	633.50	633.32	640.01	638.73	638.42	632.65	631.30	634.13	639.77	640.13	640.10	639.57	638.75
P13-14A																				
GP-1P																				
GP-2P																				
GP-3P																				
GP-4P																				
GP-5P																				
GP-6P																				
GP-7P																				
GP-8P																				
GP-9P																				
GP-10																				
GP-14																				
GP-15																				
GP-16																				
WS-1							614.40													
SG-1		628.97	629.25	629.20	629.50	630.34	629.50	628.75	628.65	629.25	628.49		628.21	628.19	628.61	632.11	631.18	629.67		
SG-2		625.53	626.53	626.08	626.78	628.13	625.28	625.63	625.88	626.78	625.81	625.86	625.25	625.41	626.43	629.45	627.93	627.01	626.22	626.01
LDCS-1																				
LDCS-2A																				
LDCS-2B																				

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	7/17/1995	7/18/1995	7/21/1995	7/24/1995	7/27/1995	10/11/1995	11/10/1995	12/13/1995	1/19/1996	4/26/1996	9/19/1996	10/18/1996	11/1/1996	12/13/1996	2/3/1997	3/24/1997	5/29/1997	6/9/1997	7/3/1997	8/27/1997
W87-1A		650.85	650.41		650.06	647.75	651.79	655.47	655.85	655.85	647.85	648.57	651.77	655.53	655.82	655.85	655.05	655.61	655.05	650.81
W87-2A			647.70			646.58	648.03	650.73	651.60	652.30	646.69	647.34	648.37	651.15	651.93	652.25	651.74		651.65	648.24
W88-3M			639.44			635.91	641.23	645.59	646.93	647.88	636.29	640.38	642.44	646.30	647.52	647.97	647.97	648.04	647.93	645.71
W87-4a		684.09	683.86			682.51	684.59	687.64	687.85	687.90	682.68		684.76	687.68	687.84	687.73	686.51		686.31	683.76
W88-5A			631.45			629.20	632.03	635.61	635.83	636.04	629.21	630.29	632.48	635.60	635.96	635.92	635.21			631.70
W88-6A			640.18			637.58	642.89	645.09	645.42	645.70	638.22	639.41	643.40	645.79	645.90	645.97	645.22		644.96	641.19
W88-7A					623.48	623.80	625.89	628.02	628.51	628.82	623.72	622.28	626.64	628.43	629.04	628.94	627.18		627.26	622.92
W88-8M		681.45	681.42			682.08	682.68	684.35	684.53	684.47	681.81	682.32	682.67	684.11	684.26	684.57	683.50		683.68	680.84
W90-12A			605.72			605.99	608.93	611.94	613.24	614.09	606.96	608.86	610.14	613.01	614.09	614.56	608.62	605.14	609.00	601.54
W95-14A			677.55	677.77	678.01	677.19	678.65			680.49	677.53	677.50	678.45	680.67	681.12		680.79		679.84	677.58
MW-1																				
MW-1A																				
MW-2																				
MW-2A																				
MW-3																				
MW-4																				
MW-5																				
MW-5A																				
MW-6			626.13			626.61	628.87	629.65	629.68	629.75	625.41	626.79	628.66	629.73	629.62	629.37	627.50	628.83	627.52	625.91
MW-7			634.07			631.34	635.77	639.82	640.18	640.15	631.36	632.34	635.76	640.13	640.27	640.21	639.12	640.04	638.85	634.08
MW-9	690.67		690.79	690.65	690.37	689.68	690.66	692.91	693.55	694.04	690.05	690.39	691.19	693.36	694.05	694.38	693.81		693.69	691.38
MW-10	657.97	657.97	657.75		657.20	655.36	657.43	660.89	661.76	662.04	655.38	655.78	657.75	661.19	662.18	662.27	661.71	661.95	661.71	659.02
P88-1a		654.06	653.70		653.27	650.59	657.05	658.58	658.69	658.85	650.26	650.41	657.45	658.62	658.92	658.69	658.36	658.55	658.03	656.27
P88-1b		650.94	650.50		650.16	647.82	651.79	655.51	655.89	655.88	647.94	648.57	651.84	653.20	655.88	656.40	655.13	655.66	655.08	650.91
P88-2a			655.43			652.82	655.78	660.00	660.50	660.38	653.26	653.01	656.73	660.20	660.50	660.42	659.54		659.38	655.23
P88-2b			649.10			647.07	649.08	653.36	653.96	654.19	647.34	647.61	649.47	653.66	654.11	654.24	653.38		653.31	649.36
P88-3a			641.74			638.21	642.30	649.28	649.76	649.72	638.81	638.69	642.47	649.44	649.84	649.71	648.35	649.41	648.15	641.45
P88-3b			638.66			635.39	639.37	645.51	645.98	645.87	635.78	636.04	639.53	645.72	646.00	645.89	644.57	645.61	644.37	638.48
P87-4M		681.49	681.23			681.89	682.28	684.28	684.21	684.37	681.63	681.83	682.69	683.87	684.11	684.50	683.35		683.44	680.75
P88-5a			633.74			631.62	632.67	637.44	637.66	638.11	632.05	631.87	632.92	637.48	636.01	635.86	635.24			631.62
P88-5b			631.70			629.75	632.23	635.47	635.65	635.80	629.72	630.32	632.51	635.62	637.82	637.65	636.75			633.31
P95-8a		697.86	697.63	697.55	697.58	697.29	697.29	700.89	702.18	700.84	697.51	697.64	697.48	701.39	702.52	702.53	722.07		700.13	698.57
P88-9a			642.21			638.69	646.35	646.64	646.84	646.82	638.95	639.13	643.58	646.74	646.87	646.80	646.21		646.07	642.02
P88-9b			636.40			633.52	636.60	640.99	641.24	641.33	633.74	634.32	637.15	641.13	641.34	641.36	640.59		640.46	636.55
P88-10a		656.20	655.86		655.33	651.55	655.66	660.99	661.40	661.39	652.42	651.75	655.76	660.88	661.38	661.33	660.14		660.19	655.84
P88-10b		651.08	650.72		650.21	647.29	650.17	655.21	655.54	655.50	647.73	647.68	650.53	655.24	655.55	655.62	654.78		654.69	650.71
P90-12a			635.95			637.46	638.20	638.68	638.68	638.47	635.80	637.29	637.94	638.59	638.39	638.10	638.29	637.67	637.65	636.69
P90-12b			634.35			635.24	636.71	637.28	637.33	637.27	634.02	635.44	636.61	637.31	637.24	636.98	636.69	636.44	636.40	634.66
P90-13a			635.06			632.11	636.97	640.24	640.56	640.96	632.89	632.51	637.91	640.20	640.79	640.44	638.98	640.41	639.48	635.15
P90-13b			635.21			632.06	636.72	640.05	640.36	640.71	632.80	632.46	637.75	639.95	640.60	640.23	638.91	640.17	639.29	634.94
P13-14A																				
GP-1P																				
GP-2P																				
GP-3P																				
GP-4P																				
GP-5P																				
GP-6P																				
GP-7P																				
GP-8P																				
GP-9P																				
GP-10																				
GP-14																				
GP-15																				
GP-16																				
WS-1																				
SG-1																	629.63		629.45	629.09
SG-2																	628.65	626.77	626.30	625.15
LDCS-1																				
LDCS-2A																				
LDCS-2B																				

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	10/13/1997	11/11/1997	1/8/1998	4/16/1998	6/19/1998	9/9/1998	10/28/1998	12/7/1998	1/28/1999	2/24/1999	3/30/1999	4/26/1999	5/26/1999	6/28/1999	7/29/1999	7/30/1999	8/6/1999	10/13/1999	11/1/1999	12/3/1999
W87-1A	651.02	654.45	655.66	655.50	653.90	647.40	646.89	653.58	655.44	655.48	655.48	655.12	655.00		651.14	651.07	650.60	647.14	648.67	654.42
W87-2A	648.89	650.46	651.50	652.27	651.38	645.83	646.19	648.80	651.28	651.79	652.01	651.68	651.56	650.23					646.83	
W88-3M	639.76	645.01	647.49	648.04		635.33	638.16	642.91	646.78	647.43	647.67	647.67	647.64	643.60			639.74			
W87-4a	684.06	685.51	687.73	687.04	685.86	682.67	681.95	687.02	687.87	687.63	687.62	686.63	686.67	685.31					682.06	
W88-5A	631.83	634.72	635.70	635.53	633.84	628.86	628.94	634.38	635.88	635.77	635.75	635.34	635.30	634.11	632.56	632.48	632.75	630.23	631.09	634.02
W88-6A	642.14	645.10	645.92	645.25	643.95	636.43	638.17	644.43	645.56	645.48	645.46	644.96	644.88	643.71	642.26	642.23		Decommissioned 7/30/99		
W88-7A	624.94	627.20	627.37	627.70	626.10	621.64	624.21	627.18	628.57	628.09	628.15	627.74	627.59	625.70	623.40	623.36				
W88-8M	682.65	683.41	684.16	684.03	683.30	681.44	681.57	683.37	684.30	684.10	684.18	683.45	683.41	682.70					681.75	
W90-12A	607.28	609.33	608.31	610.87	608.04	601.13	604.54	608.23	610.49	610.22	610.82	610.67	608.81	605.66			604.88			
W95-14A	678.60	680.29	680.49	680.49	680.49	677.20	676.81	679.72	680.49	680.49	680.49	680.49	680.41	679.46					676.85	
MW-1									636.11	636.48	636.35	636.12	636.03	635.12	633.41	633.33	634.44	632.15	632.89	635.12
MW-1A																				
MW-2									637.44	638.15	638.01	637.23	636.28	635.19	633.40	633.33	634.08			636.12
MW-2A																				
MW-3									633.75	634.02	633.45	633.02	632.89	631.81	630.16	630.04	630.01	627.95	628.70	631.46
MW-4									633.90	633.86	633.90	633.24	633.17	632.00			630.08	626.72	627.78	632.00
MW-5																				
MW-5A																				
MW-6	627.56	628.91	629.62	628.53	627.07	624.92	625.49	629.16	629.78	629.45	629.51	628.06	628.24	627.14			625.95	624.98	625.93	629.26
MW-7	634.99	638.54	640.47	640.11	638.15	630.72	630.36	638.56	640.47	640.46	640.61	639.80	639.65	637.46			633.84		630.97	637.40
MW-9	691.47	692.48	693.71	694.16	693.55	690.23	689.55	691.92	693.37	693.61	693.80	693.39	693.35	692.41					689.32	
MW-10	657.94	660.15	661.73	662.20	660.17		654.52	658.76	660.99	661.53	661.86	661.68	661.64	659.99					658.21	
P88-1a	654.37	658.66	658.87	658.58	657.52	650.55	648.81	658.59	658.93	658.82	658.78	658.39	658.20				654.43	651.64	652.36	658.21
P88-1b	651.11	657.54	655.67	655.52	653.96	647.41	646.91	653.64	655.48	655.50	655.51	655.13	655.04				650.45	647.73	648.47	654.22
P88-2a	655.05	658.72	660.42	660.24	659.02	653.17	652.12	658.94	660.42	660.55	660.46	660.14	659.75	657.93					652.04	
P88-2b	649.65	652.45	653.91	654.13	653.09	646.82	645.44	650.92	653.79	654.01	654.10	653.69	653.51	651.65					646.57	
P88-3a	642.03	645.78	649.81	649.37	647.37	638.90	637.33	646.52	649.94	649.87	649.84	649.28	648.79	645.47			641.18		637.53	646.15
P88-3b	638.96	642.68	646.02	645.58	643.63	635.52	634.42	643.17	646.07	646.06	646.06	645.00	645.05	642.18			638.21		634.86	642.62
P87-4M	682.52	683.25	683.97	683.78	683.16	681.14	681.35	683.13	684.05	683.91	683.95	683.36	683.19	682.58					681.51	
P88-5a	633.24	635.81	637.93	637.49	636.27	632.12	631.20	634.21	638.06	637.76	637.75	637.25	637.28	636.76	635.37	635.36		Decommissioned 7/30/99		
P88-5b	632.15	634.57	635.55	635.20	634.10	629.41	629.08	634.31	635.56	635.43	635.37	634.95	634.90	634.19	632.62	632.60		Decommissioned 7/30/99		
P95-8a	697.72	698.73	700.25	700.74	699.30	697.33	696.86	697.95	702.21	702.06	701.25	700.19	699.91	722.07					697.05	
P88-9a	641.88	645.85	646.84	646.50	645.50	639.11	637.98	645.70	646.75	646.75	646.74	646.35	646.31	645.20	642.94	642.86	642.78	639.46		645.03
P88-9b	636.65	640.03	641.26	641.00	639.60	633.50	632.94	639.43	641.21	641.22	641.22	640.75	640.75	639.54	637.26	637.36	637.74	633.99		637.86
P88-10a	654.97	659.85	661.39	661.07	659.71	652.94	651.02	658.79	661.11	661.50	661.40	661.01	660.67	658.27					651.10	
P88-10b	650.45	654.09	655.45	655.36	654.26	647.53	646.35	652.95	655.33	655.44	655.45	655.10	654.97	653.18					646.88	
P90-12a	638.11	638.21	638.53	638.50	638.43	637.23	637.88	638.51	638.61	638.62	638.59	638.57	638.56	638.63			636.07			
P90-12b	636.58	636.87	637.02	636.99	636.70	634.99	636.03	636.98	637.26	637.20	637.16	637.08	636.99	636.82			634.29			
P90-13a	636.92	640.22	640.75	639.91	638.37	633.04	631.61	639.63	640.86	640.61	640.24	639.38	639.64	637.57			635.32			
P90-13b	636.75	639.68	640.49	638.66	638.15	632.85	631.43	639.40	640.60	640.38	640.00	639.18	639.40	637.40			635.09			
P13-14A																				
GP-1P																				
GP-2P																				
GP-3P																				
GP-4P																				
GP-5P																				
GP-6P																				
GP-7P																				
GP-8P																				
GP-9P																				
GP-10																				
GP-14																				
GP-15																				
GP-16																				
WS-1																		602.10		
SG-1	629.86	630.04	630.79	629.88	630.33	628.52	630.24	629.82	631.55	630.69	630.56	630.46	630.06	629.97			629.95			
SG-2	626.03	626.80	627.67	626.63	625.90		625.23	627.20	628.18	626.94	626.76	626.14	626.11	625.80			625.20			
LDCS-1																				
LDCS-2A																				
LDCS-2B																				

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	3/29/2000	5/8/2000	6/14/2000	9/25/2000	10/19/2000	11/2/2000	12/14/2000	3/16/2001	4/11/2001	6/22/2001	9/21/2001	12/10/2001	3/28/2002	6/17/2002	9/24/2002	12/31/2002	3/17/2003	3/25/2003	6/24/2003	9/16/2003
W87-1A	655.35	655.35	654.32	648.65	649.10	650.32	653.45	654.27	654.61	653.14	648.69	653.74	654.46		Decommissioned 4/17/02					
W87-2A	651.56	649.56	650.76	646.23		646.73	647.61	645.76	645.43	641.60	640.28	645.34	648.25	643.90	640.46	640.38		642.44	640.36	638.33
W88-3M					640.56	641.43	644.71	648.10	648.50	642.31	636.43	641.98	645.03	640.56	635.39	641.26		645.39		634.43
W87-4a	687.54	687.37	686.91	682.57		682.89	684.46	686.86	687.97	685.39	682.94	687.57	687.56	685.49	682.09	683.75		687.61	683.49	681.08
W88-5A	634.36	634.50	633.73	630.74	632.89	632.64	633.76	632.49	632.71	631.21	628.75	632.08	632.67	631.58	628.76	632.06		633.56	631.55	628.61
W88-6A																				
W88-7A			626.45	623.31	624.06	623.85	626.04	618.04	618.16	617.26	616.01	620.05	621.94	620.96	617.59	620.89		623.48	621.18	616.90
W88-8M	684.18	683.92	683.57	681.82		681.94	682.65	683.45	684.14	682.16	681.62	683.74	684.34	683.12	681.12	682.50		683.94	682.42	680.68
W90-12A	610.84	611.39	610.81	605.31	605.84	606.71	608.14	598.04	596.58	593.64	589.90	593.97	597.94	597.79	593.61	596.69		600.87	599.19	594.34
W95-14A	680.49	680.49	680.49	677.21		677.39	678.99	679.51	679.74	679.39	676.47	679.76	680.49	679.39	676.05	677.93		679.88	678.36	675.44
MW-1	635.36	635.66	633.95	631.89	632.71	632.86	635.16	632.72	632.96	631.71		Decommissioned 6/28/01								
MW-1A											631.11	634.62	634.71	633.96	631.18	634.11		635.58	633.51	630.85
MW-2	636.67	636.75	635.48											Decommissioned 4/17/02						
MW-2A														633.17	630.89	633.58		635.14	633.24	630.64
MW-3	632.39	632.46	630.91	628.49	629.96	630.41	631.50	629.84	630.00	628.11	625.13	629.26	630.03	628.99	625.56	629.28		630.99	628.71	625.18
MW-4	634.60	632.77	632.36	628.54	629.71	630.31	631.93	629.37	629.46	627.85	624.91	629.24	630.10	629.10	625.52	629.40		631.25	628.96	625.12
MW-5					632.91	633.31	634.03	631.46	632.21	630.46	627.12	632.23	631.81	631.32	627.73	631.67		633.51	630.89	627.11
MW-5A																				
MW-6	629.16	629.46	629.36	625.65	628.53	628.66		628.84	629.77	627.11	625.05	629.14	628.90	626.48	623.74	628.76		629.14	626.11	623.17
MW-7	638.18	638.33	637.44	631.79	632.52	633.51	636.13	632.37	632.56	630.43	625.12	631.61	633.19	631.65	626.89	631.30		635.12	631.78	627.13
MW-9	693.62	695.67	693.21	689.59		689.90	690.96	691.26	691.72	691.17	688.27	691.08	692.82	691.62	688.14	690.78		691.72	689.53	687.66
MW-10	660.67	661.77	660.96	655.97	656.02	657.04	659.37	661.26	661.47	660.08	656.30	659.52	661.57	659.75	655.07	658.10		660.75	658.12	653.47
P88-1a	658.81	659.16	658.65	654.37	655.51	656.91	659.04	659.95	660.28	659.25	654.70	660.05	660.27		Decommissioned 4/17/02					
P88-1b	655.16	654.24	654.14	648.43	648.98	650.20	653.21	654.30	654.51	653.03	648.58	653.29	654.27		Decommissioned 4/17/02					
P88-2a	660.21	660.19	659.59	652.73		652.48	655.86	658.80	658.96	657.28	651.80	657.95	659.23	656.71	651.27	655.43		658.98	655.48	651.03
P88-2b	653.63	653.10	652.70	646.98		647.36	649.60	647.59	647.57	645.53	641.41	647.16	649.19	646.35	640.79	643.88		647.68	645.07	641.10
P88-3a	648.88	648.99	647.65	638.48	638.04	638.75	642.40	645.48	646.35	643.70	636.32	645.10	647.23	643.82	636.33	639.18		647.98	641.62	635.61
P88-3b	644.58	644.75	643.48	635.79	635.91	636.68	639.88	640.33	640.97	638.45	631.79	638.62	641.51	638.91	632.47	635.83		642.88	637.73	632.21
P87-4M		683.94	683.51	681.59		681.88	682.66	683.61	684.01	683.16	681.43	683.69	684.15	683.05	680.94	682.44		683.86	682.29	680.49
P88-5a																				
P88-5b																				
P95-8a	701.27	700.52	699.22	697.36		697.05	696.87	697.79	699.04	698.42	696.88	698.26	700.87	698.64	696.96	696.39		699.12	697.33	696.59
P88-9a	645.43	645.53	645.13	641.46	642.53	642.91	644.28	643.16	643.39	642.40	638.85	643.59	644.00	642.91	640.13	643.63		644.54	642.61	639.71
P88-9b		638.99	638.29	635.06	635.64	635.14	637.47	635.62	635.64	634.73	631.94	635.28	636.22	635.39	632.55	634.89		636.94	635.37	632.66
P88-10a	660.95	661.46	660.50	652.09		651.30	656.23	660.60	660.95	657.33	651.95	660.13	660.65	658.43	652.75	658.25		659.83	657.02	652.85
P88-10b		655.04	654.21	647.67		647.96	650.83	650.48	650.60	649.31	643.97	650.31	651.52	649.63	644.47	649.24		660.68	649.45	645.40
P90-12a	637.64	638.09	637.72	635.86	637.32	637.14	637.83	637.94	638.14	637.14	635.15	638.08	637.77	636.98	633.42	637.76		637.77	636.81	632.11
P90-12b	636.38	636.58	636.44	634.17	635.55	635.58	636.33	635.58	635.63	634.75	632.28	635.63	635.64	634.95	631.22	635.59		635.92	634.84	630.02
P90-13a	639.39	639.50	637.69	632.05		632.29	635.01	639.10	639.99	637.94	632.03	637.73	639.31	637.31	630.94	635.27		639.46	634.83	630.44
P90-13b	639.18	639.36	638.61	631.91		632.21	634.96	638.80	639.60	637.59	631.71	638.33	638.96	635.98	630.66	635.74		639.13	634.60	629.66
P13-14A																				
GP-1P								635.25	635.90	634.65	632.27	635.28	635.40	634.18	631.88	635.33		635.59	633.69	631.46
GP-2P								641.11	641.12	641.11	640.27	641.20	641.11	640.73	639.73	640.54		641.77	640.24	638.97
GP-3P								645.53	646.96	647.21	645.76	647.15	647.57	647.53	645.52	646.03		647.56	647.34	645.16
GP-4P																			649.59	
GP-5P																	646.11			
GP-6P																	642.76		643.38	
GP-7P																	645.50		646.92	645.49
GP-8P																	644.25		649.95	646.87
GP-9P																				
GP-10																				
GP-14																				
GP-15																				
GP-16																				
WS-1																				
SG-1		630.39	630.11	629.15	629.79	629.74	630.29	630.17	632.20	629.51	628.64	630.64	630.07	628.94	628.47	630.44		630.34	628.48	626.01
SG-2		627.00	626.74		625.50	625.60	626.35	626.36	629.40	625.85	625.19	627.50	626.72	625.56		627.35		627.06	625.03	
LDCS-1								632.01	632.06	631.51	631.88	632.19	632.65	632.92	633.08	632.41		632.31	632.11	632.29
LDCS-2A								633.64	633.04	633.14	633.19	632.94	633.16	633.21	634.67	634.58		633.74	634.73	634.61
LDCS-2B																634.28		633.71	634.16	633.60

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	12/19/2003	3/22/2004	6/22/2004	9/29/2004	12/16/2004	3/23/2005	6/29/2005	10/3/2005	12/27/2005	3/16/2006	6/12/2006	9/18/2006	12/27/2006	3/31/2007	6/18/2007	9/18/2007	12/11/2007	3/10/2008	6/5/2008	9/26/2008
W87-1A																				
W87-2A	642.70	644.97	641.4	645.02	644.15	647.47	646.90	642.38	647.85	649.76	649.59	643.06	647.96	647.93	643.90	640.76	646.17	646.58	645.82	643.38
W88-3M	641.64	645.78	638.08	637.33	644.40	646.23	641.84		645.01	646.08	641.37	634.45	643.55	646.49	639.93	635.33	641.75	645.94	639.96	634.38
W87-4a	686.02	687.07	685.08	684.88	687.69	686.42	686.08	682.74	687.67	687.34	686.67	682.02	686.77	687.76	684.36	681.67	688.51	687.14	693.29	682.01
W88-5A	633.10	636.90	632.58	632.56	634.03	633.96	633.21													
W88-6A	622.80				636.90															
W88-7A	622.80	624.20		622.02		624.75				625.82		618.89	622.58	626.26	622.85	620.73	625.00	625.80	632.51	621.19
W88-8M	683.00	683.53	682.23	682.59	684.55	683.27	683.33	681.78	683.83	683.65	683.17	680.93	684.73	684.37	682.42	680.23	682.91	683.74	683.29	681.47
W90-12A	599.63	603.09	600.15	599.74	602.83	603.92	603.95	580.33	604.41	606.25	605.02	597.06	604.97	607.92	602.98	600.02	604.70	607.13	606.66	601.32
W95-14A	679.08	679.49	678.56	678.78	679.98		679.91	677.07	680.29	680.29	680.19	676.51	680.36	680.49	678.74	676.98	679.07	680.39	680.49	676.79
MW-1																				
MW-1A	634.79	635.69	636.29	634.55	635.78	635.75	634.87	632.48	635.59	635.43	634.66	631.39	635.21	635.69	633.55	631.81	635.96	634.91	634.36	631.72
MW-2																				
MW-2A	630.63	635.40	634.23	634.39	635.43	635.26	634.72	632.39	634.97	634.76	634.13	631.06	634.08	635.03	633.17	631.51	634.34	634.59	633.68	631.44
MW-3	630.93	634.45	629.86	630.32	631.67	631.50	631.01	627.92	631.26	631.17	630.46	626.17	628.70	631.59	629.07	626.79	630.60	631.04	630.19	627.07
MW-4	633.04	631.77	630.3	630.89	632.19	631.99	631.36	623.47	630.37	626.40	629.41	624.38		632.24	629.96	627.89	631.40	631.54	630.68	627.52
MW-5	628.93	633.46	631.78	633.05	635.13	633.41	633.41	631.14	634.41	633.80	633.53	628.78		627.15	631.32	630.05	633.74	632.36	632.04	
MW-5A																				
MW-6	628.93	628.79	626.37	628.54	629.24	627.99	627.26	626.47	629.58	628.71	627.71	624.16	626.14	629.37	626.38	626.82	629.01	626.39	627.20	625.30
MW-7	633.93	635.84	632.56	633.46	637.27	636.22	635.22	630.76	636.63	636.68	635.82	629.51	636.17				636.29	636.79	635.59	630.53
MW-9		692.11	692.15	691.17	692.10	692.65	692.77	689.93	692.99	693.67	693.47	689.28	691.54	693.90	691.59	689.20	691.85	692.93	692.66	689.16
MW-10	658.05	660.21	657.95	656.84	658.79	659.94	659.25	655.42	659.52	659.85	659.14	653.63	659.57	660.47	657.39	653.94	658.46	659.93	658.66	649.60
P88-1a																				
P88-1b																				
P88-2a	658.07	659.30	656.88	657.62	659.31	659.60	659.04	653.04	659.78	659.88	659.47		659.75	659.87	655.83	652.07	658.95	659.78	659.45	654.21
P88-2b	647.11	648.99	647.25	647.83	649.16	650.17	649.67	644.68	650.77	651.40			651.55	651.06	647.40	643.98	649.81	650.61	649.71	645.42
P88-3a	642.10	648.14	642.42	640.31	647.53	648.25	645.61	639.32	647.89	648.21	646.32		647.67	648.68	642.88	643.38	648.32	648.45	646.79	638.26
P88-3b	638.67	643.23	638.4	637.53	647.06	643.46	641.46	635.79	643.47	643.67	642.05		643.45	644.08	638.96	638.07	643.57	643.80	642.16	635.58
P87-4M	682.93	686.81		682.55	683.51	683.21	683.16													
P88-5a																				
P88-5b																				
P95-8a	696.90	699.31	701.59	697.51	698.76	699.00	699.16	697.36		700.81	699.64	697.33	699.44	702.25	702.25	722.07	697.28	699.60	698.64	697.06
P88-9a	644.25	644.67	643.57	643.88	645.09	644.61	644.23		Decommissioned 8/24/05											
P88-9b	636.37	637.47	636.39	636.23	637.58	636.65	637.14		Decommissioned 8/24/05											
P88-10a	659.00	662.45	656.61	656.54																
P88-10b	650.64	651.48	649.79	649.94																
P90-12a	637.75	637.81	636.83	637.43	637.77	637.72	637.68	637.41	637.91	637.66	637.81	633.93	637.70	637.89	636.80	635.15	637.68	637.63	637.68	635.52
P90-12b	635.90	636.09	634.99	635.58	636.14	636.02	635.98	634.99	636.30	636.18	636.19	631.73	635.28	636.33	635.06	633.05	636.14	636.13	636.11	633.65
P90-13a	638.78	639.19	635.97	637.45	636.67	638.96	638.80			639.52	638.89	631.32	635.06	639.78	634.41	630.41	638.35	639.23	637.10	631.02
P90-13b	638.35	639.02	635.74	637.11	639.23	638.66	635.86			639.24	638.64	631.00	633.87	639.41	634.22	630.19	638.09	638.91	636.91	630.81
P13-14A																				
GP-1P	635.39	635.59	634.51	635.02		635.26	635.11	633.20	635.60	635.37	634.76	632.76	635.79	636.02	634.11		635.69			
GP-2P	640.80	642.30	640.41	642.18		640.73	640.85	639.94	640.61	642.16	640.80	639.42	640.72	640.72	640.11					
GP-3P	647.21	647.82	647.83	647.78		647.78	648.00	646.26	647.69	647.74	647.98	645.87	647.38	647.98	647.38		647.62			
GP-4P	652.11	652.50	651.34	652.11								648.14	652.03	652.55						
GP-5P																				
GP-6P	639.58	640.92	640.54	639.99		641.28	641.25													
GP-7P	647.87	648.27	647.46	647.35		647.97	648.03													
GP-8P	651.16	652.00	651.08	650.79		651.16	650.98			651.72	651.87	649.10	648.62	651.66	649.47					
GP-9P						664.87	664.64	662.86		665.01	664.99	659.60	661.08	665.26	662.21					
GP-10																				
GP-14																				
GP-15																				
GP-16																				
WS-1																				
SG-1	629.94						630.94	629.89	631.69	631.02	629.16	627.09	630.15							
SG-2							625.79		628.25	627.64	625.92	624.75	629.98							
LDCS-1	632.44	632.64	632.23	632.75	638.34	632.12	632.21	632.65	631.74	632.31	632.56	632.57		632.08	630.65	630.40	631.05	630.67	630.27	630.33
LDCS-2A		634.72	635.26	634.78	634.05	633.99	634.72	634.18	633.95	633.88	634.21	634.15		633.51	632.29	632.71	632.42	632.39	632.53	632.46
LDCS-2B	634.44						634.64	634.37		633.58	634.59	634.58		634.11	634.49	634.26			634.04	633.80

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	12/8/2008	3/16/2009	6/23/2009	9/11/2009	12/21/2009	3/15/2010	6/9/2010	9/17/2010	12/20/2010	3/24/2011	6/29/2011	9/12/2011	12/7/2011	2/29/2012	6/1/2012	9/20/2012	12/13/2012	3/26/2013	6/21/2013	9/24/2013
W87-1A																				
W87-2A	645.95	650.2	647.12	641.38	645.76	647.45	648.00	641.37	645.65	647.60	645.71	641.81	645.31	648.01		643.69	648.56	649.95	646.16	645.61
W88-3M	639.86	644.21	638.96	634.00	641.38	643.44	644.87	635.85	645.23	646.89	643.16	636.52	641.96	646.01	646.18	637.03	644.43	646.11	645.26	643.96
W87-4a	684.48	687.17	684.84	682.03	686.27	688.29			687.71		686.08	682.79	684.23			682.54	684.26	687.49	685.84	683.84
W88-5A																				
W88-6A																				
W88-7A	624.40	626.2	623.77	620.89	625.80	626.74		626.86												
W88-8M	682.71	683.59	687.75	681.18	682.75	683.14				684.25	683.53	681.28	682.43			681.15	663.67	684.08	683.40	682.67
W90-12A	604.47	607.69	604.80	601.14	606.12	608.70	608.89	604.19	608.64	609.99	609.83	602.93	607.91	610.45	610.54	603.92	609.33	610.96		
W95-14A	678.87	680.11	678.96	676.30	679.39	680.08	680.49		680.49	680.49	680.49	680.49	680.49	680.49		677.52	680.24	680.49	680.49	678.40
MW-1																				
MW-1A	634.51	635.96	633.49	631.27	634.48	635.31	635.31	632.19	635.57	636.02	634.54	631.97	634.64	635.48	635.32	632.00	634.37	635.57	634.88	634.74
MW-2																				
MW-2A	633.96	634.74	633.10	631.22	634.24	634.20	634.84	631.83	634.82	634.78	633.94	642.03	633.98	634.72	634.60	631.77	634.60	634.76	634.21	634.09
MW-3	630.04	631.23	629.23	626.57	630.80	631.21	631.51	627.60	631.39	631.56	630.55	612.90	630.33	631.56	631.33	627.65	631.16	631.58	630.56	630.08
MW-4	630.07	630.99	629.44	626.92	630.46	630.84	631.17		631.34	631.32	630.37	624.34	630.06	631.35	630.87	627.88	630.97	630.97	630.37	629.85
MW-5			629.08	625.72	628.79	628.96	629.36	634.80	629.41	629.41		625.21	628.10	629.48		626.27	628.74	627.95	628.38	628.00
MW-5A											628.59		627.97	629.70	628.92	626.38	628.60	629.45	628.58	628.05
MW-6	628.64	629.23	626.47	625.08	629.35	629.00	628.88	626.40	628.81	628.79	626.68	624.88	627.92	628.81	627.05	624.68	628.99	628.56	626.66	627.96
MW-7	635.02	636.66	633.79	629.97	635.35	636.39	636.90	631.10	636.61	636.82	635.41	630.99	634.43	636.76	635.69	630.70	636.03	636.68	634.68	633.41
MW-9	691.38	693.04	691.89	689.07	692.04	692.84	693.80		693.50	694.37	693.79	690.62	691.77	694.00	693.90	690.02	693.16	694.27	693.54	691.87
MW-10	652.48	655.00	651.64	647.99	649.30	650.05	651.32	649.90	654.47	655.59	664.78	650.30	652.39	648.95	657.95	649.47	650.84	663.87	658.46	656.92
P88-1a																				
P88-1b																				
P88-2a	658.62	660.31	657.20	654.03	659.08	659.76	651.29	656.87	660.12	655.39	659.69	655.67	658.90	660.65	660.19	655.45	660.44	660.98		
P88-2b	649.51	651.71	648.51	643.92	649.04	650.24	659.76	645.71	650.46	650.79	650.74	646.30	649.11	651.54	655.77	646.27	651.35	652.10		
P88-3a	643.04	647.51	643.22	638.62	643.76	647.37	647.76	637.68	647.25		644.63	639.00	640.50	646.27	643.69	638.56	642.70	647.10	642.85	639.17
P88-3b	639.62	643.18	639.34	634.95	640.15	643.89	643.36	634.48	642.97		640.84	635.61	637.80	643.07	640.02	635.26	639.85	640.83	639.48	636.77
P87-4M						683.07					683.22									
P88-5a																				
P88-5b																				
P95-8a	697.13	698.86	698.27	696.96	697.30	699.21		697.53	701.61	702.12	701.03	697.60	697.40			697.50	698.66	700.51	699.37	697.57
P88-9a																				
P88-9b																				
P88-10a																				
P88-10b																				
P90-12a	637.86	637.92	637.11	636.07	638.03	637.74	638.47	636.88	637.75	637.77		634.36	636.82	637.75	638.22	633.58	637.94	637.79		
P90-12b	636.25	636.44	635.46	634.01	636.47	636.37	636.62	635.14	636.42	636.52	636.03	632.71	635.93	636.48	636.97	631.97	636.53	636.49		
P90-13a	635.83	639.3	634.99	630.45	638.86															
P90-13b	635.64	639.22	634.76	629.98	638.35															
P13-14A																				
GP-1P							636.48	633.42					634.90						635.10	634.02
GP-2P						641.35	641.41	639.90					640.71							640.89
GP-3P						647.48	647.74	646.70					647.48	648.12					647.92	
GP-4P													651.89						652.16	651.48
GP-5P																				
GP-6P																				
GP-7P																				
GP-8P																				
GP-9P						662.57	663.15	661.27					661.48	662.62	661.40				661.79	661.80
GP-10			632.23	629.86				647.56							643.25				633.90	633.99
GP-14																				
GP-15																				
GP-16																				
WS-1																				
SG-1						631.22	631.39		631.39					631.54	632.79		632.79	632.79		632.79
SG-2						626.52			626.80	626.90	625.50			626.81	625.85		627.24			623.28
LDCS-1	630.44	630.85	630.99	631.02	630.84		630.29	630.75	630.75				630.90						630.76	630.52
LDCS-2A	632.12	632.63	630.44	632.32	632.37		632.08	637.57	632.82				652.14						634.44	634.23
LDCS-2B		634.09	634.48	634.35	633.94		641.66	634.46	634.00				633.94						636.04	637.99

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	12/11/2013	3/25/2014	6/24/2014	9/18/2014	12/17/2014	3/24/2015	6/9/2015	9/17/2015	12/14/2015	3/22/2016	6/9/2016	9/16/2016	12/8/2016	3/31/2017	6/22/2017	9/28/2017	12/13/2017	3/21/2018	6/20/2018	9/19/2018
W87-1A																				
W87-2A	647.60	649.53	646.12	644.01	647.01	649.15	645.69	643.92	649.48	651.16	648.31	642.15	649.91	649.43	648.89	645.70	649.10	650.95	646.97	643.31
W88-3M	645.98	646.11	645.21	642.96	644.56	645.92	644.71	640.86	644.49	646.46	645.22	641.74	645.28	647.21	645.30	642.09	645.25	646.94	646.07	642.41
W87-4a	687.51	687.79	685.81	683.66	687.39	687.80	685.11	680.91	687.64	687.49	684.44	682.07	687.80	688.03	686.11	682.46	687.47	687.54	685.21	682.55
W88-5A																				
W88-6A																				
W88-7A																				
W88-8M	683.99	684.57	683.4	681.05	683.65	683.95		679.53	681.85	681.75	680.35	679.43	681.69	682.48	681.52	679.71	681.90	682.47	680.79	679.69
W90-12A	608.33	611.09	609.92	607.17		612.54	609.40	603.82	610.22	612.64	608.66	605.26	610.84	613.22	611.24	608.21	610.73	613.01	609.79	604.84
W95-14A	680.49	680.49	680.49	680.49	680.49	680.49		680.49	680.19	680.49	678.84	678.06	679.79	680.49	679.28	677.01	680.49	680.49	679.21	
MW-1																				
MW-1A	635.48	635.86	634.72	632.22	635.04	635.69	634.24	631.37	613.57	604.43	634.17	632.81	635.48	635.77	635.06	632.44	635.12	634.86	634.46	632.35
MW-2																				
MW-2A	634.83	635.09	633.93	631.83	634.72	634.98	633.96	631.48	634.58	634.91	633.61	632.22	634.84	635.06	634.45	631.84	634.43	634.93	633.94	631.86
MW-3	631.19	631.87	630.41	627.61	631.41	631.90	629.84	626.92	631.23	631.71	630.01	627.99	631.49	631.93	631.04	627.33	631.21	631.66	630.42	627.58
MW-4	631.16	631.74	630.25	627.84	631.15	631.67	629.22	626.99	630.85	630.87	629.89	627.88	630.65	631.53	630.67	627.16	630.79	631.35	630.21	627.48
MW-5	629.20	629.66	628.06	625.65	628.22		627.53	624.50												
MW-5A	629.20	629.79	628.43	626.25	629.38	629.76	628.66	625.35	629.33	629.55	628.23	626.24	629.23	629.43	628.83	625.80	629.08	629.60	628.70	629.09
MW-6	628.05	628.55	626.28	623.26	628.18	628.86	625.80	622.01	628.69	628.68	625.68	622.81	628.87	629.03	626.56	622.50	627.93	627.14	625.50	623.13
MW-7	635.82	636.47	634.41	630.48	635.56	636.43	633.93	629.63	635.31	636.25	633.25	630.27	635.15	636.51	634.72	629.98	634.71	635.97	633.74	630.05
MW-9	693.94	695.17	693.53	690.67	693.47	694.55	693.36	689.76	693.22	694.47	692.49	689.84	692.97	694.57	693.59	689.88	692.87	694.42	692.84	689.55
MW-10	658.97	659.42	658.43	653.4	658.5	654.94	653.27	649.58	654.32	655.12	653.82	650.48	654.19	655.51	653.61	650.19	654.26	655.35	653.89	649.63
P88-1a																				
P88-1b																				
P88-2a																				
P88-2b																				
P88-3a	644.72	647.11	642.8	640.15		646.71	642.32	636.48	640.95	646.37	640.74	636.87	639.17	646.58	642.22	640.99	638.78	646.20	641.30	636.69
P88-3b	641.16	642.83	639.46	636.55		642.60	638.98	633.53	638.67	642.29	637.68	634.11	637.50	642.47	639.13	637.83	637.15	642.13	638.20	633.93
P87-4M																				
P88-5a																				
P88-5b																				
P95-8a	700.02	703.34	699.34	696.9	699.07	700.49		697.08	700.48		698.17	697.12	698.52	702.11	698.89	697.27	699.02	700.84	698.65	697.19
P88-9a																				
P88-9b																				
P88-10a																				
P88-10b																				
P90-12a	637.73	638.09	636.95	634		637.99	636.49	632.62	637.95	638.54	636.39	632.49	637.97	637.97	637.42	634.77	637.86	637.95	636.44	632.09
P90-12b	636.52	636.83	635.83	632.88		636.78	635.28	630.40	636.61	636.80	635.01	630.65	636.69	636.71	636.16	633.62	636.53	636.69	635.25	629.84
P90-13a	-0.59	1.02		-1.78	-1.18															
P90-13b	-12.37	-12.04		-15.31	-12.63															
P13-14A	648.19	648.506		645.79	648.19		647.36	641.59	648.88	648.60	646.14	642.58	648.09	648.56	646.94	642.75	646.55	646.78	644.32	640.96
GP-1P	635.58	635.87	624.28	633.23		634.70		632.14		635.17	634.20				635.29	631.85	635.44	635.24	634.54	632.22
GP-2P	641.26	641.97	633.87	640.25		643.00		640.28		641.23	640.28				642.09	640.54		642.82	642.33	640.03
GP-3P						647.53		645.31		647.56	647.26				647.71	645.35	647.08	647.19	647.28	645.07
GP-4P	652.58	653.26		650.11		652.74		647.90		652.71	651.00				651.92	647.86	652.60	652.74	651.87	646.90
GP-5P																				
GP-6P																				
GP-7P																				
GP-8P																				
GP-9P	662.09	663.13		660.11		662.36		659.73		663.47	661.30				661.72	659.40	663.22	662.22		658.19
GP-10	648.86	635.15	627.24	632.86																
GP-14																				
GP-15																				
GP-16																				
WS-1																				
SG-1	632.79	632.79	632.79	632.79	632.79					631.59	632.09	631.48								
SG-2	627.55	627.65	625.2	625.1	626.53	628.28	624.03			627.05	626.15		626.45							
LDCS-1	631.20	631.36	630.47	630.31	631.01	632.01	631.96	629.24	629.24	629.44	631.14	627.14	627.60	631.31	631.34	630.26	631.26	631.41	630.76	628.86
LDCS-2A	634.34	634.68	634.44	634.41	634.24		632.41	634.39	634.39	634.29	634.32	634.23	634.32	634.04	634.54	634.54	634.14	634.64	634.14	634.54
LDCS-2B	630.85	631.62	641.7	636.05	635.7	635.98	636.18	636.25	636.25	636.19	635.39	638.48	636.12	636.30	636.15	635.90	635.85	635.84	635.90	635.22

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	12/5/2018	3/12/2019	6/18/2019	9/26/2019	12/11/2019	3/17/2020	6/9/2020	9/24/2020	12/16/2020	3/9/2021	6/15/2021	9/16/2021	12/15/2021	3/29/2022	6/14/2022	9/13/2022	12/28/2022	3/14/2023	6/7/2023	9/28/2023	12/13/2023
W87-1A																					
W87-2A	646.31	649.62	643.62	644.61	647.79	650.62	650.31	646.70	647.11	650.71	646.56	642.61	646.61	647.78	649.00	640.40	645.91	646.11	646.29	641.19	644.78
W88-3M	643.21	646.20	644.77	641.68	643.54	645.23	644.83	641.02	645.11	646.59	645.51	641.06	643.28	645.40	646.03	639.40	650.98	641.55			
W87-4a	684.37	687.70	684.99	684.26	685.68	688.07	686.54	683.33	687.79	687.97	685.39	682.49	688.04	687.55	688.11	681.74	678.06	687.77			
W88-5A																					
W88-6A																					
W88-7A																					
W88-8M	680.40	680.67	680.63	680.18	680.89	682.13	681.68	680.03	650.05	682.45	681.37	679.20	681.77	681.87	682.95						
W90-12A	606.63	611.38	607.49	605.17	607.84	612.03	611.22	604.18	610.83	612.57	609.37	602.79	611.12	612.30	613.15	602.75	610.41	610.53		604.23	
W95-14A	677.60	679.50	678.15	676.97	678.57	679.94	679.37			677.28	678.92	676.27	679.54	679.75	646.03						
MW-1																					
MW-1A	634.17	635.32	634.20	633.22	634.54	635.04	634.84	632.25	635.09	635.42	634.69	631.77	635.15	635.29	635.07	632.86	634.54	634.60	634.08	631.43	634.69
MW-2																					
MW-2A	633.67	634.80	633.63	632.95	634.08	634.75	634.54	631.63	634.48	634.80	634.19	631.18	634.57	633.86	634.96	632.20	639.35	634.62	633.68	631.02	634.30
MW-3	628.36	631.29	630.07	628.82	630.43	631.71	631.20	627.32	631.11	631.56	630.41	626.71	631.38	631.50	631.81	625.62	630.81	631.52		626.59	
MW-4	629.13	631.14	629.85	628.55	629.96	631.37	630.81	627.67	630.87	631.35	630.32	626.95	630.97	631.25	631.54	628.09	628.09	631.14	630.16	626.95	630.99
MW-5																					
MW-5A	626.42	629.32	628.22	627.12	628.14	629.55	629.10	626.54	629.00	629.80	628.84	626.00	629.35	629.64	629.85	627.05	629.45	634.40	628.94	625.79	629.23
MW-6	626.91	627.48	625.87	625.63	627.33	628.61	627.25	623.12	628.54	628.21	626.91	622.41	628.77	628.10	628.63	621.25	628.70	628.73	626.15	621.89	628.84
MW-7	631.52	635.15	632.87	630.54	632.11	635.46	634.61	629.93	634.32	635.53	633.41	628.53	634.33	635.19	637.71	633.90	633.12	634.39		628.28	633.17
MW-9	690.64	693.14	691.71	689.86	691.55	693.50	693.32	689.66	692.57	693.92	692.42	688.87	692.67	693.81	694.31	687.47	692.10	693.07	692.20	688.79	691.94
MW-10	651.58	653.88	652.46	645.95	652.74	654.75	654.22	650.08	653.90	654.74	653.37	649.17	651.07	653.11	653.85	642.75	652.98	654.20	653.55	649.18	652.55
P88-1a																					
P88-1b																					
P88-2a																					
P88-2b																					
P88-3a	636.10	641.26	640.17	636.39	636.69	645.23	642.35	636.46	637.68	645.20	640.48	635.50	636.99	645.62	645.59	645.59	634.41	638.88			638.88
P88-3b	634.14	638.73	637.97	633.95	635.02	641.57	639.28	633.75	636.35	641.43	637.56	632.58	635.87	641.52	641.57	641.57	631.15	635.00			
P87-4M																					
P88-5a																					
P88-5b																					
P95-8a	696.82	699.28	697.56	697.02	697.04	699.97	698.68	697.10	697.68	701.42	697.82	696.82	699.18	700.72	696.42	696.42	695.51		680.85	680.02	
P88-9a																					
P88-9b																					
P88-10a																					
P88-10b																					
P90-12a	634.83	638.09	636.56	636.54	636.33	636.98	636.74	631.24	636.81	636.83	636.37	627.89	636.80	636.78	636.94	636.94	625.98	626.46			
P90-12b	633.71	636.40	634.98	634.38	637.84	637.96	638.03	634.18	638.02	638.05	637.74	629.43	638.13	637.97	638.11	638.11	627.59	626.99			
P90-13a																					
P90-13b																					
P13-14A	642.81	646.62	643.92	642.57	644.67		645.76	641.05	643.78	644.76	644.47	639.16	643.65	644.69	646.03	646.03	638.84			638.31	
GP-1P	634.91	635.35	634.90	633.42	635.50	635.94	635.91	633.56	635.79	635.80	634.85	632.00	635.60	635.69	635.94	635.94	631.89	647.00			638.25
GP-2P	641.38	640.56	642.26	640.60	643.21	642.76	642.53	640.88	642.63	643.49	642.49	640.61	642.81	639.21	643.93	643.93	644.41	640.91	642.71		641.95
GP-3P	646.55	646.94	647.04	646.19	647.01	647.12	647.21	648.26	651.21	651.01	651.16	646.81	650.71	650.94	650.76	650.76	646.42	648.81	648.61		646.13
GP-4P	650.29	652.65	652.25	648.56	653.01	652.97	653.14	647.88	655.68	652.76	651.24	647.66	651.51	652.49	652.46	652.46	647.77	652.51	652.21		647.32
GP-5P																					
GP-6P																					
GP-7P																					
GP-8P																					
GP-9P	662.42	662.35	661.68	660.65	662.73	662.96	662.37	661.63	663.43	662.98	662.78	658.48	663.83	663.81	663.25	663.25	658.41	662.73	662.03		662.40
GP-10																					
GP-14																					
GP-15																					
GP-16					668.81					670.51	669.21		670.55	670.78	670.81	667.27	667.27				
WS-1																					
SG-1																					
SG-2																					
LDCS-1	630.31	631.68	630.56	630.21	630.84	631.36	631.16	629.31		631.51	630.96	629.81	631.36	630.90	631.21	630.16	628.77	628.07	628.79		629.46
LDCS-2A	630.01	630.10	629.93	629.44	629.80	630.24	630.12	630.05		630.68	630.26	629.56	630.09	630.42	630.04	629.76	632.02	632.37	629.14		629.43
LDCS-2B	635.12	635.62	635.09	634.55	635.23	635.30	633.55	633.80		634.50	633.87	633.50	633.95	633.70	633.73	633.74	633.34	633.25	634.05		635.89

Water Level Elevation Data
LRI Landfill, Pierce County Washington

WELL NUMBER	3/20/2024	6/7/2024	9/25/2024	12/11/2024	3/11/2025	6/19/2025	9/23/2025	12/2/2025
W87-1A								
W87-2A	648.97	648.46	648.46		648.46			
W88-3M							589.35	
W87-4a	686.84		683.01	684.92	683.10	684.11	681.31	684.90
W88-5A								
W88-6A								
W88-7A								
W88-8M								
W90-12A	609.12				611.49	615.35	612.13	615.38
W95-14A								
MW-1								
MW-1A	634.64	634.84	631.37	633.37		633.50	631.48	634.47
MW-2								
MW-2A	634.59	634.62	631.59	633.57	635.10	633.18	631.40	633.75
MW-3	631.65	631.67	627.90	630.06	632.40	629.83	626.80	630.21
MW-4	631.61	631.75	628.47	630.33	631.97	626.32	627.80	629.89
MW-5								
MW-5A	629.68	630.57	628.77	629.87	630.12	627.35	624.97	627.30
MW-6	627.90	628.04	624.32	627.76	629.60	625.84	622.11	627.98
MW-7	634.91	634.58	629.56	656.03	635.20	631.52	628.20	631.58
MW-9	693.45	693.36	689.37	690.99	693.46	690.94	688.52	690.51
MW-10	653.42	653.05	648.48	646.84	648.42	649.33	647.50	648.65
P88-1a								
P88-1b								
P88-2a								
P88-2b								
P88-3a	638.88							
P88-3b	635.00							
P87-4M								
P88-5a								
P88-5b								
P95-8a					696.50	680.72	701.32	681.32
P88-9a								
P88-9b								
P88-10a								
P88-10b								
P90-12a	626.51							
P90-12b	626.99							
P90-13a								
P90-13b								
P13-14A	641.25							
GP-1P	638.09	638.30	638.30	639.30	638.90	637.86	637.86	641.80
GP-2P	642.97	643.62	643.62	642.41	643.23	642.48	642.48	644.11
GP-3P	648.79	649.21	649.21	648.61	649.58	649.74	649.74	650.71
GP-4P	652.42	651.53	651.43	649.91	652.88	650.80	650.80	651.10
GP-5P								
GP-6P								
GP-7P								
GP-8P								
GP-9P	662.75	661.52	661.52	662.53	663.53	661.10	661.10	663.38
GP-10								
GP-14								
GP-15								
GP-16	670.37	669.61	669.61	669.31				
WS-1								
SG-1								
SG-2								
LDCS-1	628.21	628.17	628.17	629.32	628.93	629.57	628.97	629.12
LDCS-2A	629.41	629.86	629.86	629.60	629.59	629.85	630.92	629.55
LDCS-2B	634.38	633.50	633.50	633.99	633.50	634.20	633.46	633.42

Appendix B

Groundwater Monitoring Data

Table 1. Groundwater Level Elevations
First Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Well Casing Elevation (ft)	Depth to Water (ft)	Water Level Elevation (ft, NGVD29)
Wells			
W87-2A	664.01	15.55	648.46
W87-4A	693.29	10.28	683.01
W90-12A	640.84	29.35	611.49
MW-1A	652.57	NM	--
MW-2A	651.93	16.92	635.01
MW-3	637.41	5.37	632.04
MW-4	652.37	20.40	631.97
MW-5A	655.55	25.43	630.12
MW-6	635.71	6.64	629.07
MW-7	656.03	21.01	635.02
MW-9	701.77	8.31	693.46
MW-10	678.37	29.95	648.42
Piezometers			
P95-8A	722.07	26.02	696.05
GP-1P	652.00	13.91	638.09
GP-2P	658.61	15.38	643.23
GP-3P	658.51	8.93	649.58
GP-4P	662.01	9.13	652.88
GP-9P	674.03	10.50	663.53
GP-14P		10.72	--
GP-15P		14.77	--
GP-16P	689.51	18.98	670.53
GP-17P		4.85	--
P21-2		21.18	--
P22-1		27.22	--
P22-2		5.42	--
South Creek			
SWSC-1	632.68	3.40	629.28
SWSC-2	629.98	4.92	625.06
Leak Detection System			
LDCS-1	657.26	28.33	628.93
LDCS-2A	659.24	29.65	629.59
LDCS-2B	661.70	28.20	633.50

Notes:

NM = not measured

-- = not applicable

All measurements taken on March 11-27, 2025

Table 2. Field Parameters
First Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Sample Number	Sample Date	Sampling Method	pH	Conductivity	Temperature
Units				(SU)	(µS/cm)	(°C)
WAC 173-200 Criteria				6.5-8.5	700[b]	—
Monitoring Wells						
MW-1A	—	—	—	—	—	—
MW-2A	304-032625-02	3/26/2025	DP	7.10	332.9	14.4
MW-3	304-032625-03	3/26/2025	DP	7.03	442	10.8
MW-4	304-032625-04	3/26/2025	SP	7.39	387.2	17.4
MW-5A	304-032625-05	3/26/2025	DP	6.98	279.8	18.5
MW-6	304-032625-06	3/26/2025	DP	7.45	399	10.7
MW-7	304-032625-07	3/26/2025	DP	7.26	365	11.0
MW-9	304-032625-09	3/26/2025	DP	**6.45**	133	10.0
MW-10	304-032625-11	3/26/2025	DP	**6.30**	275	13.5
Leak Detection System						
LDCS-1	304-032725-13	3/27/2025	DB	6.12	403	24.7
LDCS-2A	304-032725-14	3/27/2025	DB	6.48	810	23.0
LDCS-2B	304-032725-15	3/27/2025	DB	6.41	798	19.4
LDCS-3A	304-032725-16	3/27/2025	DP	6.16	833	20.7
LDCS-4A	304-032725-17	3/27/2025	DP	6.50	665	21.9
LDCS-4B	304-032725-18	3/27/2025	DP	6.24	760	27.0
LDCS-5	304-032725-19	3/27/2025	DP	6.03	545	14.2
LDCS-6	304-032725-20	3/27/2025	DP	6.33	1,284	23.2
LDCS-7	304-032725-21	3/27/2025	DP	5.97	648	26.4
LDCS-8	304-032725-22	3/27/2025	PP	6.33	928	23.6
LDCS-9	304-032725-23	3/27/2025	PP	5.97	669	20.1

Notes:

Groundwater (monitoring well) concentrations greater than the WAC 173-200 criteria are shown in **bold**

— = Not applicable or not performed

b = Secondary Drinking Water Standard

°C = degrees celcius

DB = disposable bailer

DP = dedicated pump

GB = grab sample

SP = submersible pump

SU = standard units

µS/cm = microsiemens per centimeter

Table 3. Inorganic Parameters
First Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Alkalinity, Total	Ammonia	Chloride	Nitrate	Sulfate	Total Dissolved Solids	Total Organic Carbon	Total Suspended Solids
MRL	10	0.10	0.20	0.50	0.20	10	1.0	4.0
WAC 173-200 Criteria	—	—	250	10	250	500	—	—
Prediction Limit	—	—	—	6.4	—	—	—	—
Monitoring Wells								
MW-1A	—	—	—	—	—	—	—	—
MW-2A	130	0.16	3.9	*	30	220	1.3	*
MW-3	190	0.15	4	*	31	270	1.8	*
MW-4	180	0.13	6.9	*	15	240	1.3	21
MW-5A	190	0.14	3.8	*	21	250	1.4	13
MW-6	200	0.13	5.8	*	7.9	240	1.4	*
MW-7	190	0.19	3.1	*	3.5	220	1.3	*
(BG) MW-9	81	*	1.6	*	1.8	130	*	*
(BG) MW-10	120	*	6.2	2.3	6.2	200	1.2	8
Leak Detection System								
LDCS-1	190	0.72	4.8	*	4.7	—	140	—
LDCS-2A	400	*	7.7	*	20	—	4.5	—
LDCS-2B	420	3.1	24	*	24	—	92	—
LDCS-3A	390	0.11	4.3	*	42	—	3.1	—
LDCS-4A	230	*	25	*	54	—	7.3	—
LDCS-4B	280	0.11	46	*	49	—	7.5	—
LDCS-5	190	*	25	*	45	—	23	—
LDCS-6	500	0.29	68	*	130	—	4.6	—
LDCS-7	320	*	4.5	*	35	—	5.6	—
LDCS-8	480	*	20	*	40	—	6.9	—
LDCS-9	360	*	4.8	*	19	—	2.7	—

Notes:

All sample units are milligrams per liter (mg/L)

Groundwater (monitoring well) concentrations greater than prediction limits or WAC 173-200 criteria are shown in **bold**

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Method Reporting Limit (MRL) is typical and may be elevated for some samples

* = Sample result was not reported at or above the MRL

— = Not applicable or not performed

BG = Background

B = compound was detected in the method blank and the sample

Table 4. WAC 173-351 Appendix I Metals
First Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter		Antimony-D	Antimony-T	Arsenic-D	Arsenic-T	Barium-D	Barium-T	Beryllium-D	Beryllium-T	Cadmium-D	Cadmium-T	Chromium-D	Chromium-T	Cobalt-D	Cobalt-T	Copper-D	Copper-T	Lead-D	Lead-T	Nickel-D	Nickel-T	Selenium-D	Selenium-T	Silver-D	Silver-T	Thallium-D	Thallium-T	Vanadium-D	Vanadium-T	Zinc-D	Zinc-T
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MRL		0.05	0.05	0.005	0.005	0.005	0.005	0.001	0.001	0.001	0.001	0.005	0.005	0.001	0.001	0.01	0.01	0.002	0.002	0.02	0.02	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01
WAC 173-200 Criteria		—	—	—	0.00005	—	1.0	—	—	—	0.01	—	0.05	—	—	—	1.0	—	0.05	—	—	—	0.01	—	0.05	—	—	—	—	—	5.0
Prediction Limit		—	0.05	—	0.011	—	0.091	—	0.005	—	0.005	—	0.011	—	0.01	—	0.063	—	0.042	—	0.020	—	0.005	—	0.01	—	0.005	—	0.016	—	0.290
Monitoring Wells																															
MW-1A		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2A		—	*	—	*	—	0.014	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
MW-3		—	*	—	*	—	0.015	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
MW-4		—	*	—	**0.011**	—	0.02	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	0.024
MW-5A		—	*	—	**0.0075**	—	0.022	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
MW-6		—	*	—	**0.0066**	—	0.015	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
MW-7		—	*	—	**0.0052**	—	0.015	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
(BG)	MW-9	—	*	—	*	—	0.0053	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	0.014	—	*
(BG)	MW-10	—	*	—	*	—	0.015	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	0.013
Leak Detection System																															
LDCS-1		*	—	0.012	—	0.013	—	—	—	—	—	*	—	0.0014	—	*	—	*	—	*	—	—	—	—	—	—	—	*	—	*	—
LDCS-2A		*	—	0.0067	—	0.073	—	—	—	—	—	*	—	0.0024	—	*	—	*	—	*	—	—	—	—	—	—	—	*	—	*	—
LDCS-2B		*	—	0.026	—	0.054	—	—	—	—	—	*	—	0.0037	—	*	—	*	—	*	—	—	—	—	—	—	—	*	—	*	—
LDCS-3A		*	—	0.011	—	0.019	—	—	—	—	—	*	—	0.0042	—	*	—	*	—	*	—	—	—	—	—	—	—	*	—	*	—
LDCS-4A		*	—	*	—	0.015	—	—	—	—	—	*	—	*	—	*	—	*	—	*	—	—	—	—	—	—	—	*	—	*	—
LDCS-4B		*	—	*	—	0.02	—	—	—	—	—	*	—	0.0012	—	*	—	*	—	*	—	—	—	—	—	—	—	*	—	*	—
LDCS-5		*	—	*	—	0.034	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—
LDCS-6		*	—	*	—	0.063	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—
LDCS-7		*	—	0.012	—	0.026	—	*	—	*	—	*	—	0.0016	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—
LDCS-8		*	—	0.0063	—	0.04	—	*	—	*	—	*	—	0.0018	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—
LDCS-9		*	—	*	—	0.036	—	*	—	*	—	*	—	0.0015	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—

Notes:

All sample units are milligrams per liter (mg/L)

WAC 173-200-040 Table 1 Groundwater Quality Criteria are for total metals

Groundwater (monitoring well) concentrations greater than prediction limits or WAC 173-200 criteria are shown in **bold**

Parameter concentrations for monitoring wells are total (T) metals

Parameter concentrations for LDCS sumps are dissolved (D) metals

Parameter concentrations for leachate samples are total (T) metals

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Method Reporting Limit (MRL) is typical and may be elevated for some samples

* = sample result was not reported at or above the MRL

— = not applicable or not performed

BG = Background

Table 5. WAC 173-351 Appendix II Metals (Dissolved)
First Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Calcium	Iron	Magnesium	Manganese	Potassium	Sodium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MRL	0.20	0.10	0.10	0.005	2.0	1.0
WAC 173-200 Criteria	—	0.30	—	0.050	—	—
Monitoring Wells						
MW-1A	—	—	—	—	—	—
MW-2A	30	**0.86**	14	**0.32**	4	18
MW-3	46	*	20	**0.40**	4.4	15
MW-4	37	*	20	**0.18**	6	15
MW-5A	31	*	13	**0.17**	4.3	44
MW-6	43	*	20	**0.25**	5.3	12
MW-7	32	0.22	22	**0.23**	5.8	13
(BG) MW-9	10	*	6.8	*	*	7.6
(BG) MW-10	27	*	12	0.0098	2.1	13
Leak Detection System						
LDCS-1	31	3.9	15	1.1	4.7	18
LDCS-2A	96	0.41	39	18	9.7	31
LDCS-2B	91	42	39	1.3	6.9	20
LDCS-3A	98	0.62	42	4.1	6.4	23
LDCS-4A	76	1.1	26	0.67	3.2	25
LDCS-4B	93	0.14	29	0.91	4.8	37
LDCS-5	50	0.27	21	0.63	7	46
LDCS-6	140	0.23	56	1.9	8	83
LDCS-7	83	2.7	31	2.8	4	21
LDCS-8	90	*	73	1.7	5.3	29
LDCS-9	84	*	33	1.1	5.3	34

Notes:

All sample units are milligrams per liter (mg/L)

WAC 173-200-040 Table 1 Groundwater Quality Criteria are for total metals

Groundwater (monitoring well) concentrations greater than WAC 173-200 criteria are shown in **bold**

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Method Reporting Limit (MRL) is typical and may be elevated for some samples

* = sample result was not reported at or above the MRL

** = Reported concentrations for leachate are total metals

— = not applicable or not performed

BG = Background

Table 6. Volatile Organic Compounds (µg/L)
First Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	1,4-Dichlorobenzene	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Carbon disulfide	cis-1,2-Dichloroethene	Ethylbenzene	m-Xylene & p-Xylene	o-Xylene	Toluene
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MRL	0.50	6.0	5.0	10.0	0.50	0.63	0.50	1.0	0.50	0.50	0.50
WAC 173-200 Criteria	4.0	—	—	—	1.0	—	—	—	—	—	—
Monitoring Wells											
MW-1	*	*	*	*	*	*	*	*	*	*	*
MW-2	*	*	*	*	*	*	*	*	*	*	*
MW-3	*	*	*	*	*	*	*	*	*	*	*
MW-4	*	*	*	*	*	*	*	*	*	*	*
MW-5	*	*	*	*	*	*	*	*	*	*	*
MW-6	*	*	*	*	*	*	*	*	*	*	*
MW-7	*	*	*	*	*	*	*	*	*	*	*
(BG) MW-9	*	*	*	*	*	*	*	*	*	*	*
(BG) MW-10	*	*	*	*	*	*	*	*	*	*	*
Leak Detection System											
LDCS-1	0.87	*	*	27	*	*	*	*	*	*	*
LDCS-2A	0.53	*	*	*	*	*	*	*	*	*	*
LDCS-2B	*	*	*	*	*	1.1	*	*	*	*	*
LDCS-3A	*	*	*	*	*	*	*	*	*	*	*
LDCS-4A	*	*	*	*	*	*	*	*	*	*	*
LDCS-4B	*	*	*	*	*	*	*	*	*	*	*
LDCS-5	*	*	*	*	*	*	*	*	*	*	*
LDCS-6	*	*	*	*	*	*	*	*	*	*	*
LDCS-7	*	*	*	*	2.5	*	*	*	*	*	*
LDCS-8	*	*	*	*	0.56	*	*	*	*	*	*
LDCS-9	*	*	*	*	*	*	0.54	*	*	*	*
Quality Control Samples											
Field Blank	*	*	*	*	*	*	*	*	*	*	*

Notes:

All sample units are micrograms per liter (µg/L)

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Groundwater (monitoring well) concentrations greater than WAC 173-200 criteria are shown in **bold**

Method Reporting Limit (MRL) is typical and may be elevated for some samples

* = sample result was not reported at or above the MRL

— = not applicable or not performed

BG = Background

Table 7. Cation-Anion Balance
First Quarter 2025
LRI Landfill, Pierce County, Washington

Cations	mg/L					meq/L					% of Total		
	Ca	Mg	K	Na	Total	Ca	Mg	K	Na	Total	Na+K	Ca	Mg
MW-1A	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2A	30	14	4	18	66.0	1.50	1.15	0.09	0.78	3.52	24.8	42.5	32.7
MW-3	46	20	4.4	15	85.4	2.30	1.65	0.10	0.65	4.69	16.0	48.9	35.1
MW-4	37	20	6	15	78	1.85	1.65	0.14	0.65	4.28	18.4	43.1	38.5
MW-5A	31	13	4.3	44	92.3	1.55	1.07	0.10	1.91	4.63	43.5	33.4	23.1
MW-6	43	20	5.3	12	80.3	2.15	1.65	0.12	0.52	4.43	14.5	48.4	37.1
MW-7	32	22	5.8	13	72.8	1.60	1.81	0.13	0.57	4.10	17.0	38.9	44.1
MW-9	10	6.8	2	7.6	26.4	0.50	0.56	0.05	0.33	1.43	26.2	34.8	39.0
MW-10	27	12	2.1	13	54.1	1.35	0.99	0.05	0.57	2.95	20.8	45.7	33.5
LDCS-1	31	15	4.7	18	68.7	1.55	1.23	0.11	0.78	3.67	24.2	42.1	33.6
LDCS-2A	96	39	9.7	31	175.7	4.79	3.21	0.22	1.35	9.57	16.4	50.1	33.5
LDCS-2B	91	39	6.9	20	156.9	4.54	3.21	0.16	0.87	8.78	11.7	51.7	36.6
LDCS-3A	98	42	6.4	23	169.4	4.89	3.46	0.14	1.00	9.49	12.1	51.5	36.4
LDCS-4A	76	26	3.2	25	130.2	3.79	2.14	0.07	1.09	7.09	16.4	53.5	30.2
LDCS-4B	93	29	4.8	37	163.8	4.64	2.39	0.11	1.61	8.75	19.6	53.1	27.3
LDCS-5	50	21	7	46	124	2.50	1.73	0.16	2.00	6.38	33.8	39.1	27.1
LDCS-6	140	56	8	83	287.0	6.99	4.61	0.18	3.61	15.39	24.6	45.4	30.0
LDCS-7	83	31	4	21	139.0	4.14	2.55	0.09	0.91	7.70	13.0	53.8	33.1
LDCS-8	90	73	5.3	29	197.3	4.49	6.01	0.12	1.26	11.88	11.6	37.8	50.6
LDCS-9	84	33	5.3	34	156.3	4.19	2.72	0.12	1.48	8.51	18.8	49.3	31.9

Anions	mg/L					meq/L					% of Total			Total Ions (meq/L)	Cation - Anion Balance	Applicable Ratio (%)	Ratio Exceedance
	Alk	Cl	NO_3	SO_4	Total	Alk	Cl	NO_3	SO_4	Total	Cl	Alk	SO_4				
MW-1A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MW-2A	156	3.9	0.5	30	190.4	2.56	0.11	0.008	0.62	3.30	3.3	77.5	18.9	6.82	3.3	5	O
MW-3	228	4	0.5	31	263.5	3.74	0.11	0.008	0.64	4.50	2.5	83.0	14.3	9.20	2.0	5	O
MW-4	216	6.9	0.5	15	238.4	3.54	0.19	0.008	0.31	4.06	4.8	87.3	7.7	8.34	2.7	5	O
MW-5A	228	3.8	0.5	21	253.3	3.74	0.11	0.008	0.44	4.29	2.5	87.1	10.2	8.92	3.8	5	O
MW-6	240	5.8	0.5	7.9	254.2	3.94	0.16	0.008	0.16	4.27	3.8	92.1	3.8	8.71	1.9	5	O
MW-7	228	3.1	0.5	3.5	235.1	3.74	0.09	0.008	0.07	3.91	2.2	95.7	1.9	8.01	2.5	5	O
MW-9	97.2	1.6	0.5	1.8	101.1	1.59	0.05	0.008	0.04	1.68	2.7	94.6	2.2	3.12	8.0	10	O
MW-10	144	6.2	2.3	6.2	158.7	2.36	0.17	0.037	0.13	2.70	6.5	87.4	4.8	5.65	4.3	5	O
LDCS-1	228	4.8	0.0	4.7	237.5	3.74	0.14	0.000	0.10	3.97	3.4	94.1	2.5	7.64	3.9	5	O
LDCS-2A	480	7.7	0.5	20	508.2	7.87	0.22	0.008	0.42	8.51	2.6	92.5	4.9	18.08	5.8	5	Exceeds
LDCS-2B	504	24	0.5	24	552.5	8.27	0.68	0.008	0.50	9.45	7.2	87.5	5.3	18.23	3.7	5	O
LDCS-3A	468	4.3	0.5	42	514.8	7.68	0.12	0.008	0.87	8.68	1.4	88.4	10.1	18.17	4.5	5	O
LDCS-4A	276	25	0.5	54	356	4.53	0.71	0.008	1.12	6.36	11.1	71.1	17.7	13.45	5.4	5	Exceeds
LDCS-4B	336	46	0.5	49	432	5.51	1.30	0.008	1.02	7.83	16.6	70.3	13.0	16.58	5.5	5	Exceeds
LDCS-5	228	25	0.5	45	299	3.74	0.71	0.008	0.94	5.39	13.1	69.4	17.4	11.77	8.4	5	Exceeds
LDCS-6	600	68	0.5	130	799	9.84	1.92	0.008	2.70	14.47	13.3	68.0	18.7	29.86	3.1	5	O
LDCS-7	384	4.5	0.5	35	424	6.30	0.13	0.008	0.73	7.16	1.8	87.9	10.2	14.86	3.6	5	O
LDCS-8	576	20	0.5	40	637	9.45	0.56	0.008	0.83	10.85	5.2	87.1	7.7	22.73	4.5	5	O
LDCS-9	432	4.8	0.5	19	456	7.08	0.14	0.008	0.40	7.62	1.8	92.9	5.2	16.13	5.5	5	Exceeds

Notes:

mg/L = milligrams per liter

meq/L = milliequivalents per liter

Total alkalinity concentration, reported as calcium carbonate ($CaCO_3$), is converted to the bicarbonate (HCO_3) ion by multiplying by a factor of 1.2

Cation / anion balance equation is the equivalent percent difference in cations minus anions divided by the sum of cations and anions [(cations-anions)/(anions+cations)*100].

The MRL was used for analytes that were non-detect

A 10% difference threshold is used if the total cation-anion sums are < 5.0 meq/liter

A 5% difference threshold is used if the total cation-anion sums are > or = to 5.0 meq/liter

Table 8. Duplicate Sample Results
First Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	MRL	MW-7	MW-7 (Duplicate)	RPD (%)
Volatile Organic Compunds (µg/L)				
No Detections	-	-	-	-
Inorganic Parameters (mg/L)				
Alkalinity, Total	10	190	180	5.4
Ammonia	0.1	0.19	0.21	10
Chloride	0.2	3.1	3.1	0
Sulfate	0.2	3.5	3.6	2.8
Total Dissolved Solids	10	220	220	0
Total Organic Carbon	1	1.3	1.1	16.7
Dissolved Metals (mg/L)				
Calcium	0.2	32	32	0
Iron	0.1	0.22	0.21	4.7
Magnesium	0.1	22	22	0
Manganese	0.005	0.23	0.22	4.4
Potassium	2.0	5.8	5.8	0
Sodium	1.0	13	13	0
Total Metals (mg/L)				
Arsenic	0.005	0.0052	0.0057	9.2
Barium	0.005	0.015	0.016	6.5

Notes:

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Parameters not listed were not present at concentrations exceeding the Method Reporting Limit (MRL)

RPD = relative percent difference

µg/L = micrograms per liter

mg/L = milligrams per liter

U= parameter was not detected in sample

* = sample result was not reported at or above the MRL

The MRL was used to calculate the RPD for analytes where one sample was non-detect

Table 1. Groundwater Level Elevations
Second Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Well Casing Elevation (ft)	Depth to Water (ft)	Water Level Elevation (ft, NGVD29)
Wells			
W87-4A	693.29	9.18	684.11
W90-12A	640.84	25.49	615.35
MW-1A	652.57	19.07	633.50
MW-2A	651.93	18.75	633.18
MW-3	637.41	7.58	629.83
MW-4	652.37	23.05	629.32
MW-5A	655.55	27.05	628.50
MW-6	635.71	9.87	625.84
MW-7	656.03	24.51	631.52
MW-9	701.77	10.83	690.94
MW-10	678.37	29.04	649.33
Piezometers			
P95-8A	722.07	41.35	680.72
GP-1P	652.00	14.14	637.86
GP-2P	658.61	16.13	642.48
GP-3P	658.51	8.77	649.74
GP-4P	662.01	11.21	650.80
GP-9P	674.03	12.93	661.10
South Creek			
SWSC-1	632.68	4.62	628.06
SWSC-2	629.98	3.95	626.03
Leak Detection System			
LDCS-1	657.26	27.69	629.57
LDCS-2A	659.24	29.39	629.85
LDCS-2B	661.70	27.50	634.20

Notes:

NM = not measured

-- = not applicable

All measurements taken on June 18-19, 2025

Table 2. Field Parameters
Second Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Sample Number	Sample Date	Sampling Method	pH	Conductivity	Temperature
Units				(SU)	(µS/cm)	(°C)
WAC 173-200 Criteria				6.5-8.5	700[b]	—
Monitoring Wells						
MW-1A	304-061925-01	6/19/2025	DP	6.90	200	13.3
MW-2A	304-061925-02	6/19/2025	DP	7.07	279	13.5
MW-3	304-061925-03	6/19/2025	DP	7.10	364.1	12.1
MW-4	304-061925-04	6/19/2025	SP	7.29	344	14.2
MW-5A	304-061925-05	6/19/2025	DP	7.53	366	12.4
MW-6	304-061925-06	6/19/2025	DP	7.34	362	12.0
MW-7	304-061925-07	6/19/2025	DP	7.21	369.2	12.4
MW-9	304-061925-09	6/19/2025	DP	6.54	128.6	11.7
MW-10	304-061925-11	6/19/2025	DP	**6.24**	274	12.1
Leak Detection System						
LDCS-1	304-061825-12	6/18/2025	DB	6.12	569	22.6
LDCS-2A	304-061825-13	6/18/2025	DB	6.55	914	23.2
LDCS-2B	304-061825-14	6/18/2025	DB	6.38	884	19.3
LDCS-3A	304-061825-15	6/18/2025	DP	6.17	1016	22.2
LDCS-4A	304-061825-16	6/18/2025	DP	6.17	748	20.8
LDCS-4B	304-061825-17	6/18/2025	DP	6.38	916	29.2
LDCS-5	304-061825-18	6/18/2025	DP	6.29	840	25.2
LDCS-6	304-061825-19	6/18/2025	DP	6.43	1,164	25.1
LDCS-7	304-061825-20	6/18/2025	DP	6.66	686	21.0
LDCS-8	304-061825-21	6/18/2025	GB	6.38	1,081	25.7
LDCS-9	304-061825-23	6/18/2025	GB	6.05	741	24.0
Leachate Collection System						
Leachate, Cell 6	304-061825-22	6/18/2025	GB	8.01	35,003	35.2
Leachate, Cell 7	304-061825-24	6/18/2025	GB	7.81	12,242	29.6
Leachate, Cell 8	304-061825-25	6/18/2025	GB	7.89	23,595	30.7
Leachate, Cell 9	304-061825-26	6/18/2025	GB	7.74	22,670	30.1

Notes:

Groundwater (monitoring well) concentrations greater than the WAC 173-200 criteria are shown in **bold**

— = Not applicable or not performed

b = Secondary Drinking Water Standard

°C = degrees celcius

Table 3. Inorganic Parameters
Second Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Alkalinity, Total	Ammonia	Chloride	Nitrate	Sulfate	Total Dissolved Solids	Total Organic Carbon	Total Suspended Solids
MRL	10	0.10	0.20	0.50	0.20	10	1.0	4.0
WAC 173-200 Criteria	—	—	250	10	250	500	—	—
Monitoring Wells								
MW-1A	91	*	2.1	*	4.8	150	*	*
MW-2A	120	0.14	3.3	*	17	190	*	8.4
MW-3	150	0.1	3.9	*	35	240	*	*
MW-4	160	*	3.7	*	13	230	*	*
MW-5A	170	0.14	3.6	*	19	240	*	4
MW-6	170	0.14	5.3	*	7.4	230	*	*
MW-7	180	0.22	3.3	*	2.7	220	*	*
(BG) MW-9	63	0.36	1.6	*	1.7	130	*	*
(BG) MW-10	110	*	6.2	2.4	6	190	*	4.4
Leak Detection System								
LDCS-1	210	*	4.8	*	5.5	290	8.9	—
LDCS-2A	410	0.17	11	*	46	470	5.9	—
LDCS-2B	340	0.31	27	*	48	480	6.1	—
LDCS-3A	420	0.23	4.5	*	52	530	2.2	—
LDCS-4A	380	0.12	30	*	54	530	6.9	—
LDCS-4B	350	0.24	35	*	83	560	5.5	—
LDCS-5	330	0.23	29	*	70	510	7.2	—
LDCS-6	480	0.2	35	*	110	720	3.6	—
LDCS-7	360	0.18	5.5	*	9.2	480	41	—
LDCS-8	480	*	22	*	64	640	6.2	—
LDCS-9	380	*	5.2	*	18	450	2	—
Leachate Collection System								
Leachate, Cell 6	15000	3600	4200	1.8	7	23000	3700	—
Leachate, Cell 7	11000	1800	3200	1.3	*	15000	2100	—
Leachate, Cell 8	9900	1900	2600	0.99	27	14000	1700	—
Leachate, Cell 9	9600	1900	2700	1.1	*	14000	1500	—

Notes:

All sample units are milligrams per liter (mg/L)

Groundwater (monitoring well) concentrations greater than prediction limits or WAC 173-200 criteria are shown in **bold**

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Method Reporting Limit (MRL) is typical and may be elevated for some samples

* = Sample result was not reported at or above the MRL

Table 4. WAC 173-351 Appendix I Metals
Second Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Antimony-D	Antimony-T	Arsenic-D	Arsenic-T	Barium-D	Barium-T	Beryllium-D	Beryllium-T	Cadmium-D	Cadmium-T	Chromium-D	Chromium-T	Cobalt-D	Cobalt-T	Copper-D	Copper-T	Lead-D	Lead-T	Nickel-D	Nickel-T	Selenium-D	Selenium-T	Silver-D	Silver-T	Thallium-D	Thallium-T	Vanadium-D	Vanadium-T	Zinc-D	Zinc-T
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MRL	0.05	0.05	0.005	0.005	0.005	0.005	0.001	0.001	0.001	0.001	0.005	0.005	0.001	0.001	0.01	0.01	0.002	0.002	0.02	0.02	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01
WAC 173-200 Criteria	–	–	–	0.00005	–	1.0	–	–	–	0.01	–	0.05	–	–	–	1.0	–	0.05	–	–	–	0.01	–	0.05	–	–	–	–	–	5.0
Prediction Limit	–	0.05	–	0.011	–	0.091	–	0.005	–	0.005	–	0.011	–	0.01	–	0.063	–	0.042	–	0.020	–	0.005	–	0.01	–	0.005	–	0.016	–	0.290
Monitoring Wells																														
MW-1A	–	*	–	*	–	0.018	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MW-2A	–	*	–	*	–	0.014	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*
MW-3	–	*	–	*	–	0.017	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*
MW-4	–	*	–	**0.0088**	–	0.017	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	0.02
MW-5A	–	*	–	*	–	0.015	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*
MW-6	–	*	–	**0.0061**	–	0.015	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*
MW-7	–	*	–	*	–	0.015	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*
(BG) MW-9	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	0.014	–	*
(BG) MW-10	–	*	–	*	–	0.013	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	0.012
Leak Detection System																														
LDCS-1	*	–	0.0092	–	0.022	–	–	–	–	–	*	–	*	–	*	–	*	–	*	–	–	–		–	–	–	*	–	*	–
LDCS-2A	*	–	0.016	–	0.041	–	–	–	–	–	*	–	*	–	*	–	*	–	*	–	–	–		–	–	–	*	–	*	–
LDCS-2B	*	–	0.11	–	0.062	–	–	–	–	–	*	–	0.0032	–	0.042	–	0.0025	–	*	–	–	–		–	–	–	*	–	0.051	–
LDCS-3A	*	–	0.021	–	0.023	–	–	–	–	–	*	–	0.0035	–	*	–	*	–	*	–	–	–		–	–	–	*	–	*	–
LDCS-4A	*	–	0.0071	–	0.031	–	–	–	–	–	*	–	0.0029	–	*	–	*	–	*	–	–	–		–	–	–	*	–	*	–
LDCS-4B	*	–	0.023	–	0.033	–	–	–	–	–	*	–	0.0011	–	*	–	*	–	*	–	–	–		–	–	–	*	–	*	–
LDCS-5	*	–	0.005	–	0.04	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–
LDCS-6	*	–	*	–	0.053	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–
LDCS-7	*	–	0.012	–	0.032	–	*	–	*	–	*	–	0.0021	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–
LDCS-8	*	–	0.0086	–	0.046	–	*	–	*	–	*	–	0.0014	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–
LDCS-9	*	–	0.0054	–	0.039	–	*	–	*	–	*	–	0.0034	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–	*	–
Leachate																														
Leachate, Cell 6	*	–	0.38	–	1.2	–	*	–	*	–	0.98	–	0.051	–	0.069	–	0.023	–	0.52	–	*	–	*	–	*	–	0.15	–	0.20	–
Leachate, Cell 7	0.069	–	0.64	–	1.2	–	*	–	*	–	1.2	–	0.049	–	0.13	–	0.04	–	0.41	–	*	–	*	–	*	–	0.31	–	0.34	–
Leachate, Cell 8	*	–	0.38	–	1.1	–	*	–	*	–	0.93	–	0.06	–	0.043	–	0.021	–	0.37	–	*	–	*	–	*	–	0.17	–	0.23	–
Leachate, Cell 9	*	–	0.14	–	0.93	–	*	–	0.0015	–	0.85	–	0.063	–	0.22	–	0.13	–	0.69	–	*	–	*	–	*	–	0.14	–	0.98	–

Notes:

All sample units are milligrams per liter (mg/L)

WAC 173-200-040 Table 1 Groundwater Quality Criteria are for total metals

Groundwater (monitoring well) concentrations greater than prediction limits or WAC 173-200 criteria are shown in **bold**

Parameter concentrations for monitoring wells are total (T) metals

Parameter concentrations for LDCS sumps are dissolved (D) metals

Parameter concentrations for leachate samples are total (T) metals

Table 5. WAC 173-351 Appendix II Metals (Dissolved)
Second Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Calcium	Iron	Magnesium	Manganese	Potassium	Sodium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MRL	0.20	0.10	0.10	0.005	2.0	1.0
WAC 173-200 Criteria	—	0.30	—	0.050	—	—
Monitoring Wells						
MW-1A	16	0.27	9.3	**0.25**	3.6	11
MW-2A	25	**0.8**	13	**0.28**	3.7	17
MW-3	39	*	17	**0.29**	4.1	14
MW-4	34	*	18	**0.061**	6	14
MW-5A	30	*	12	**0.17**	4.5	41
MW-6	39	*	18	**0.24**	5.1	11
MW-7	31	0.23	21	**0.24**	6.6	14
(BG) MW-9	9.9	*	6.6	*	2	7.4
(BG) MW-10	27	*	12	*	2.3	14
Leak Detection System						
LDCS-1	50	1.6	22	1.9	5.6	20
LDCS-2A	97	1.7	40	2.8	9.5	31
LDCS-2B	88	29	42	1.6	7.5	23
LDCS-3A	100	5.6	45	3.5	6.5	24
LDCS-4A	85	2.6	57	2.7	5.7	25
LDCS-4B	99	3.5	46	1.3	6.5	33
LDCS-5	82	*	46	0.96	6.9	36
LDCS-6	110	0.13	62	1.6	7.5	57
LDCS-7	89	0.83	38	3.4	5.1	27
LDCS-8	88	2.7	82	1.6	5.9	25
LDCS-9	86	1.7	34	1.3	5.5	32
Leachate**						
Leachate, Cell 6	44	6.4	130	0.35	1600	5600
Leachate, Cell 7	69	1.4	110	1.3	1100	4000
Leachate, Cell 8	110	3.1	110	1.7	900	3500
Leachate, Cell 9	70	9.2	120	0.61	900	3100

Notes:
All sample units are milligrams per liter (mg/L)
WAC 173-200-040 Table 1 Groundwater Quality Criteria are for total metals
Groundwater (monitoring well) concentrations greater than WAC 173-200 criteria are shown in **bold**
Analyses performed by Eurofins TestAmerica of Denver, Colorado
Method Reporting Limit (MRL) is typical and may be elevated for some samples
* = sample result was not reported at or above the MRL
** = Reported concentrations for leachate are total metals

Table 6. Volatile Organic Compounds (µg/L)
Second Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	1,2-Dichloroethane	1,4-Dichlorobenzene	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Carbon disulfide	Chlorobenzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	m-Xylene & p-Xylene	o-Xylene	Toluene
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MRL	0.5	0.50	6.0	15.0	5.0	10.0	0.50	0.63	0.50	0.50	0.50	1.0	0.50	0.50	0.50
WAC 173-200 Criteria	0.50	4.0	—	—	—	—	1.0	—	—	—	—	—	—	—	—
Monitoring Wells															
MW-1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
(BG) MW-9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
(BG) MW-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Leak Detection System															
LDCS-1	*	0.97	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-2A	*	0.56	*	*	*	11	*	*	*	*	*	*	*	*	*
LDCS-2B	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-3A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-4A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-4B	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-7	*	*	*	*	*	*	1.5	*	*	*	*	*	*	*	*
LDCS-8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-9	0.53	*	*	*	*	*	1.3	*	*	0.67	0.81	*	*	*	*
Leachate Collection System															
Leachate, Cell 6	*	*	2900	44	42	6100	*	*	*	*	*	9.7	13	9.3	23
Leachate, Cell 7	*	*	200	*	9.5	370	4.2	9.6	1.3	*	3.3	14	19	16	32
Leachate, Cell 8	*	*	170	*	21	280	1.7	5.9	*	*	*	9	10	7.6	9.5
Leachate, Cell 9	*	*	380	*	40	440	14	*	*	*	*	29	48	26	97
Quality Control Samples															
Field Blank	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Notes:
All sample units are micrograms per liter (µg/L)
Analyses performed by Eurofins TestAmerica of Denver, Colorado
Groundwater (monitoring well) concentrations greater than WAC 173-200 criteria are shown in **bold**

Table 7. Cation-Anion Balance
Second Quarter 2025
LRI Landfill, Pierce County, Washington

Cations	mg/L					meq/L					% of Total		
	Ca	Mg	K	Na	Total	Ca	Mg	K	Na	Total	Na+K	Ca	Mg
MW-1A	16	9.3	3.6	11	39.9	0.80	0.77	0.08	0.48	2.12	26.4	37.6	36.0
MW-2A	25	13	3.7	17	58.7	1.25	1.07	0.08	0.74	3.14	26.2	39.7	34.1
MW-3	39	17	4.1	14	74.1	1.95	1.40	0.09	0.61	4.05	17.3	48.1	34.6
MW-4	34	18	6	14	72	1.70	1.48	0.14	0.61	3.92	19.0	43.3	37.8
MW-5A	30	12	4.5	41	87.5	1.50	0.99	0.10	1.78	4.37	43.1	34.3	22.6
MW-6	39	18	5.1	11	73.1	1.95	1.48	0.12	0.48	4.02	14.8	48.4	36.8
MW-7	31	21	6.6	14	72.6	1.55	1.73	0.15	0.61	4.03	18.8	38.4	42.9
MW-9	9.9	6.6	2	7.4	25.9	0.49	0.54	0.05	0.32	1.40	26.1	35.2	38.7
MW-10	27	12	2.3	14	55.3	1.35	0.99	0.05	0.61	3.00	22.1	45.0	33.0
LDCS-1	50	22	5.6	20	97.6	2.50	1.81	0.13	0.87	5.30	18.8	47.1	34.1
LDCS-2A	97	40	9.5	31	177.5	4.84	3.29	0.21	1.35	9.70	16.1	49.9	34.0
LDCS-2B	88	42	7.5	23	160.5	4.39	3.46	0.17	1.00	9.02	13.0	48.7	38.3
LDCS-3A	100	45	6.5	24	175.5	4.99	3.70	0.15	1.04	9.88	12.0	50.5	37.5
LDCS-4A	85	57	5.7	25	172.7	4.24	4.69	0.13	1.09	10.15	12.0	41.8	46.2
LDCS-4B	99	46	6.5	33	184.5	4.94	3.79	0.15	1.44	10.31	15.3	47.9	36.7
LDCS-5	82	46	6.9	36	170.9	4.09	3.79	0.16	1.57	9.60	17.9	42.6	39.4
LDCS-6	110	62	7.5	57	236.5	5.49	5.10	0.17	2.48	13.24	20.0	41.5	38.5
LDCS-7	89	38	5.1	27	159.1	4.44	3.13	0.12	1.17	8.86	14.6	50.1	35.3
LDCS-8	88	82	5.9	25	200.9	4.39	6.75	0.13	1.09	12.36	9.9	35.5	54.6
LDCS-9	86	34	5.5	32	157.5	4.29	2.80	0.12	1.39	8.61	17.6	49.9	32.5

Anions	mg/L					meq/L					% of Total			Total Ions (meq/L)	Cation - Anion Balance	Applicable Ratio (%)	Ratio Exceedance
	Alk	Cl	NO_3	SO_4	Total	Alk	Cl	NO_3	SO_4	Total	Cl	Alk	SO_4				
MW-1A	109.2	2.1	0.5	4.8	116.6	1.79	0.06	0.008	0.10	1.96	3.0	91.5	5.1	4.08	4.1	10	O
MW-2A	144	3.3	0.5	17	164.8	2.36	0.09	0.008	0.35	2.82	3.3	83.9	12.6	5.96	5.4	5	Exceeds
MW-3	180	3.9	0.5	35	219.4	2.95	0.11	0.008	0.73	3.80	2.9	77.7	19.2	7.84	3.2	5	O
MW-4	192	3.7	0.5	13	209.2	3.15	0.10	0.008	0.27	3.53	3.0	89.2	7.7	7.45	5.2	5	Exceeds
MW-5A	204	3.6	0.5	19	227.1	3.35	0.10	0.008	0.40	3.85	2.6	86.9	10.3	8.22	6.3	5	Exceeds
MW-6	204	5.3	0.5	7.4	217.2	3.35	0.15	0.008	0.15	3.66	4.1	91.5	4.2	7.68	4.7	5	O
MW-7	216	3.3	0.5	2.7	222.5	3.54	0.09	0.008	0.06	3.70	2.5	95.7	1.5	7.73	4.3	5	O
MW-9	75.6	1.6	0.5	1.7	79.4	1.24	0.05	0.008	0.04	1.33	3.4	93.3	2.7	2.73	2.8	10	O
MW-10	132	6.2	2.4	6	146.6	2.16	0.17	0.039	0.12	2.50	7.0	86.5	5.0	5.50	9.0	5	Exceeds
LDCS-1	252	4.8	0.5	5.5	262.8	4.13	0.14	0.008	0.11	4.39	3.1	94.1	2.6	9.69	9.4	5	Exceeds
LDCS-2A	492	11	0.5	46	549.5	8.07	0.31	0.008	0.96	9.34	3.3	86.4	10.2	19.04	1.8	5	O
LDCS-2B	408	27	0.5	48	483.5	6.69	0.76	0.008	1.00	8.46	9.0	79.1	11.8	17.48	3.2	5	O
LDCS-3A	504	4.5	0.5	52	561	8.27	0.13	0.008	1.08	9.48	1.3	87.2	11.4	19.37	2.1	5	O
LDCS-4A	456	30	0.5	54	541	7.48	0.85	0.008	1.12	9.46	8.9	79.1	11.9	19.60	3.5	5	O
LDCS-4B	420	35	0.5	83	539	6.89	0.99	0.008	1.73	9.61	10.3	71.7	18.0	19.92	3.5	5	O
LDCS-5	396	29	0.5	70	496	6.49	0.82	0.008	1.46	8.78	9.3	74.0	16.6	18.38	4.5	5	O
LDCS-6	576	35	0.5	110	722	9.45	0.99	0.008	2.29	12.73	7.8	74.2	18.0	25.97	2.0	5	O
LDCS-7	432	5.5	0.5	9.2	447	7.08	0.16	0.008	0.19	7.44	2.1	95.2	2.6	16.30	8.7	5	Exceeds
LDCS-8	576	22	0.5	64	663	9.45	0.62	0.008	1.33	11.41	5.4	82.8	11.7	23.77	4.0	5	O
LDCS-9	456	5.2	0.5	18	480	7.48	0.15	0.008	0.37	8.01	1.8	93.4	4.7	16.61	3.6	5	O

Notes:

mg/L = milligrams per liter

meq/L = milliequivalents per liter

Total alkalinity concentration, reported as calcium carbonate ($CaCO_3$), is converted to the bicarbonate (HCO_3^-) ion by multiplying by a factor of 1.2

Cation / anion balance equation is the equivalent percent difference in cations minus anions divided by the sum of cations and anions [(cations-anions)/(anions+cations)*100].

All measurements taken on June 18-19, 2025

A 10% difference threshold is used if the total cation-anion sums are < 5.0 meq/liter

A 5% difference threshold is used if the total cation-anion sums are > or = to 5.0 meq/liter

Table 8. Duplicate Sample Results
Second Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	MRL	MW-7	MW-7 (Duplicate)	RPD (%)
Volatile Organic Compunds (µg/L)				
No Detections	-	-	-	-
Inorganic Parameters (mg/L)				
Alkalinity, Total	10	180	190	5.41
Ammonia	0.1	0.22	0.19	14.63
Chloride	0.2	3.3	3.3	0.00
Sulfate	0.2	2.7	2.8	3.64
Total Dissolved Solids	1	220	220	0.00
Dissolved Metals (mg/L)				
Calcium	0.2	31	31	0.00
Iron	0.1	0.23	0.23	0.00
Magnesium	0.1	21	21	0.00
Manganese	0.005	0.24	0.24	0.00
Potassium	2	6.6	6.4	3.08
Sodium	1	14	13	7.41
Total Metals (mg/L)				
Arsenic	0.005	0.015	0.016	6.45

Notes:

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Parameters not listed were not present at concentrations exceeding the Method Reporting Limit (MRL)

RPD = relative percent difference

µg/L = micrograms per liter

Table 1. Groundwater Level Elevations
Third Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Well Casing Elevation (ft)	Depth to Water (ft)	Water Level Elevation (ft, NGVD29)
Wells			
W87-4A	693.29	11.98	681.31
W88-3M	658.11	68.76	589.35
W90-12A	640.84	28.71	612.13
MW-1A	652.57	21.09	631.48
MW-2A	651.93	20.89	631.04
MW-3A	637.41	10.61	626.80
MW-4	652.37	25.29	627.08
MW-5	654.4	29.43	624.97
MW-6	635.71	13.60	622.11
MW-7	656.03	27.83	628.20
MW-9	701.77	13.25	688.52
MW-10	678.37	30.87	647.50
Piezometers			
P95-8A	722.07	20.75	701.32
GP-1P	652.00	14.14	637.86
GP-2P	658.61	16.13	642.48
GP-3P	658.51	8.77	649.74
GP-4P	662.01	11.21	650.80
GP-9P	674.03	12.93	661.10
Leak Detection System			
LDCS-1	657.26	27.69	629.57
LDCS-2A	659.24	29.39	629.85
LDCS-2B	661.70	27.50	634.20

Notes:
NM = not measured
-- = not applicable
All measurements taken on September 23, 2025

Table 2. Field Parameters
Third Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Sample Number	Sample Date	Sampling Method	pH	Conductivity	Temperature
Units				(SU)	(µS/cm)	(°C)
WAC 173-200 Criteria				6.5-8.5	700[b]	—
Monitoring Wells						
MW-1A	304-092325-01	9/23/2025	DP	6.87	195.1	15.4
MW-2A	304-092325-02	9/23/2025	DP	7.08	313	15.2
MW-3A	304-092325-03	9/23/2025	DP	7.28	410.0	11.1
MW-4	304-092325-04	9/23/2025	SP	7.22	351	16.0
MW-5	304-092325-05	9/23/2025	DP	7.54	287	14.1
MW-6	304-092325-06	9/23/2025	DP	7.55	409	10.9
MW-7	304-092325-07	9/23/2025	DP	7.38	386.0	11.4
MW-9	304-092325-09	9/23/2025	DP	**6.43**	150.0	10.9
MW-10	304-092325-11	9/23/2025	DP	**6.25**	269	13.4
Leak Detection System						
LDCS-1	304-092425-13	9/24/2025	DB	6.02	732	20.6
LDCS-2A	304-092425-14	9/24/2025	DB	6.54	810	23.6
LDCS-2B	304-092425-15	9/24/2025	DB	6.08	1026	23.4
LDCS-3A	304-092425-16	9/24/2025	DP	6.14	989	23.7
LDCS-4A	304-092425-17	9/24/2025	DP	6.33	836	27.6
LDCS-4B	304-092425-18	9/24/2025	DP	6.35	882	29.5
LDCS-5	304-092425-19	9/24/2025	DP	6.37	862	24.4
LDCS-6	304-092425-20	9/24/2025	DP	6.93	1,155	22.4
LDCS-7	304-092425-21	9/24/2025	DP	5.95	838	28.5
LDCS-8	304-092425-22	9/24/2025	PP	6.14	1,064	26.8
LDCS-9	304-092425-23	9/24/2025	PP	6.15	818	24.0
Leachate Collection System						
Leachate, Cell 6	304-092425-24	9/24/2025	GB	7.82	34,555	37.5
Leachate, Cell 7	304-092425-25	9/24/2025	GB	7.63	24,250	23.5
Leachate, Cell 8	304-092425-26	9/24/2025	PP	7.76	25,667	36.4
Leachate, Cell 9	304-092425-27	9/24/2025	GB	7.51	22,585	32.3

Notes:

Groundwater (monitoring well) concentrations greater than the WAC 173-200 criteria are shown in **bold**

— = Not applicable or not performed

b = Secondary Drinking Water Standard

°C = degrees celcius

Table 3. Inorganic Parameters
Third Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Alkalinity, Total	Ammonia	Chloride	Nitrate	Sulfate	Total Dissolved Solids	Total Organic Carbon	Total Suspended Solids
MRL	10	0.10	0.20	0.50	0.20	10	1.0	4.0
WAC 173-200 Criteria	—	—	250	10	250	500	—	—
Monitoring Wells								
MW-1A	96	*	2	*	6.3	150	*	*
MW-2A	130	0.17	3.6	*	22	210	*	*
MW-3	150	0.13	3.9	*	36	230	*	*
MW-4	170	*	3.2	*	11	240	1	*
MW-5A	140	0.12	2.4	*	5.2	180	*	14
MW-6	180	0.11	5.1	*	7.1	220	1.1	8.4
MW-7	170	0.18	2.8	*	4.5	210	*	*
(BG) MW-9	68	*	1.5	*	1.7	140	*	*
(BG) MW-10	120	*	6.2	2.7	5.8	200	*	*
Leak Detection System								
LDCS-1	340	0.27	5.2	*	4.2	400	4.9	—
LDCS-2A	450	*	7.8	*	20	530	3.3	—
LDCS-2B	430	0.21	21	*	45	570	4.7	—
LDCS-3A	450	0.18	4.7	*	47	550	2.5	—
LDCS-4A	350	0.18	28	*	54	500	5.2	—
LDCS-4B	350	0.76	33	*	60	530	9.4	—
LDCS-5	370	0.29	26	*	59	520	8.7	—
LDCS-6	450	*	45	*	120	740	3.7	—
LDCS-7	410	0.14	5.2	*	5.9	490	7	—
LDCS-8	510	*	25	*	64	660	5.1	—
LDCS-9	350	0.11	10	*	60	490	3.4	—
Leachate Collection System								
Leachate, Cell 6	15000	2500	4200	*	83	21000	3400	—
Leachate, Cell 7	7800	1700	2800	*	290	11000	1200	—
Leachate, Cell 8	11000	2600	2800	*	80	14000	1900	—
Leachate, Cell 9	8700	1900	2500	*	*	12000	1300	—

Notes:

All sample units are milligrams per liter (mg/L)

Groundwater (monitoring well) concentrations greater than prediction limits or WAC 173-200 criteria are shown in **bold**

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Method Reporting Limit (MRL) is typical and may be elevated for some samples

* = Sample result was not reported at or above the MRL

Table 4. WAC 173-351 Appendix I Metals
Third Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Antimony-D	Antimony-T	Arsenic-D	Arsenic-T	Barium-D	Barium-T	Beryllium-D	Beryllium-T	Cadmium-D	Cadmium-T	Chromium-D	Chromium-T	Cobalt-D	Cobalt-T	Copper-D	Copper-T	Lead-D	Lead-T	Nickel-D	Nickel-T	Selenium-D	Selenium-T	Silver-D	Silver-T	Thallium-D	Thallium-T	Vanadium-D	Vanadium-T	Zinc-D	Zinc-T
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MRL	0.05	0.05	0.005	0.005	0.005	0.005	0.001	0.001	0.001	0.001	0.005	0.005	0.001	0.001	0.01	0.01	0.002	0.002	0.02	0.02	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01
WAC 173-200 Criteria	—	—	—	0.00005	—	1.0	—	—	—	0.01	—	0.05	—	—	—	1.0	—	0.05	—	—	—	0.01	—	0.05	—	—	—	—	—	5.0
Prediction Limit	—	0.05	—	0.011	—	0.091	—	0.005	—	0.005	—	0.011	—	0.01	—	0.063	—	0.042	—	0.020	—	0.005	—	0.01	—	0.005	—	0.016	—	0.290
Monitoring Wells																														
MW-1A	—	*	—	*	—	0.023	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
MW-2A	—	*	—	*	—	0.014	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
MW-3	—	*	—	*	—	0.012	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
MW-4	—	*	—	**0.011**	—	0.014	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	0.012
MW-5A	—	*	—	*	—	0.014	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
MW-6	—	*	—	**0.0079**	—	0.079	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
MW-7	—	*	—	**0.0065**	—	0.015	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*
(BG) MW-9	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	0.016	—	*
(BG) MW-10	—	*	—	*	—	0.014	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	0.017
Leak Detection System																														
LDCS-1	*	—	*	—	0.028	—	—	—	—	—	*	—	*	—	*	—	*	—	*	—	—	—		—	—	—	*	—	*	—
LDCS-2A	*	—	*	—	0.029	—	—	—	—	—	*	—	*	—	*	—	*	—	*	—	—	—		—	—	—	*	—	*	—
LDCS-2B	*	—	0.015	—	0.027	—	—	—	—	—	*	—	0.0056	—	*	—	*	—	*	—	—	—		—	—	—	*	—	*	—
LDCS-3A	*	—	0.0092	—	0.024	—	—	—	—	—	*	—	0.0025	—	*	—	*	—	*	—	—	—		—	—	—	*	—	*	—
LDCS-4A	*	—	0.0099	—	0.03	—	—	—	—	—	*	—	0.0018	—	*	—	*	—	*	—	—	—		—	—	—	*	—	*	—
LDCS-4B	*	—	0.031	—	0.027	—	—	—	—	—	*	—	0.0014	—	*	—	*	—	*	—	—	—		—	—	—	*	—	*	—
LDCS-5	*	—	*	—	0.043	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—
LDCS-6	*	—	*	—	0.049	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	0.06	—
LDCS-7	*	—	0.0087	—	0.034	—	*	—	*	—	*	—	0.0023	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—
LDCS-8	*	—	0.0088	—	0.053	—	*	—	*	—	*	—	0.0012	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—
LDCS-9	*	—	*	—	0.043	—	*	—	*	—	*	—	0.0033	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—
Leachate																														
Leachate, Cell 6	*	*	—	0.4	—	1.2	—	*	—	*	—	0.92	—	0.05	—	0.051	—	0.017	—	0.52	—	*	—	*	—	*	—	0.17	—	0.16
Leachate, Cell 7	0.069	0.072	—	0.26	—	0.81	—	*	—	*	—	0.57	—	0.041	—	0.028	—	0.013	—	0.45	—	*	—	*	—	*	—	0.29	—	0.089
Leachate, Cell 8	*	*	—	0.37	—	0.92	—	*	—	*	—	0.98	—	0.054	—	0.042	—	0.022	—	0.33	—	*	—	*	—	*	—	0.18	—	0.22
Leachate, Cell 9	*	*	—	0.078	—	0.99	—	*	—	0.0016	—	0.89	—	0.069	—	0.2	—	0.13	—	0.75	—	*	—	*	—	*	—	0.15	—	0.94

Notes:

All sample units are milligrams per liter (mg/L)

WAC 173-200-040 Table 1 Groundwater Quality Criteria are for total metals

Groundwater (monitoring well) concentrations greater than prediction limits or WAC 173-200 criteria are shown in **bold**

Parameter concentrations for monitoring wells are total (T) metals

Parameter concentrations for LDCS sumps are dissolved (D) metals

Parameter concentrations for leachate samples are total (T) metals

* = sample result was not reported at or above the MRL

— = not applicable or not performed

BG = Background

Table 5. WAC 173-351 Appendix II Metals (Dissolved)
Third Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Calcium	Iron	Magnesium	Manganese	Potassium	Sodium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MRL	0.20	0.10	0.10	0.005	2.0	1.0
WAC 173-200 Criteria	—	0.30	—	0.050	—	—
Monitoring Wells						
MW-1A	16	0.13	8.9	**0.28**	3.5	11
MW-2A	27	0.25	13	**0.29**	3.9	17
MW-3	37	*	16	**0.26**	3.9	14
MW-4	32	*	17	**0.14**	5.8	14
MW-5A	26	*	11	**0.15**	3.7	18
MW-6	37	*	17	0.025	5	11
MW-7	28	*	19	**0.22**	6.1	12
(BG) MW-9	9.8	*	6.5	*	2 U	7.4
(BG) MW-10	25	0.24	11	*	2.3	13
Leak Detection System						
LDCS-1	69	*	30	2.6	6.2	21
LDCS-2A	96	*	38	2.3	9.5	30
LDCS-2B	98	*	46	3	8	23
LDCS-3A	99	*	44	4	6.6	23
LDCS-4A	81	1.1	42	1.2	5.8	28
LDCS-4B	84	0.37	38	1.3	6.6	33
LDCS-5	79	*	45	0.9	7.1	34
LDCS-6	100	0.2	75	1.7	7.6	32
LDCS-7	83	*	34	3.9	5.2	26
LDCS-8	79	1.4	82	1.9	6.8	24
LDCS-9	87	*	34	1.3	5.6	32
Leachate**						
Leachate, Cell 6	45	8.9	98	0.39	1400	5800
Leachate, Cell 7	38	25	57	0.37	700	3100
Leachate, Cell 8	61	1.3	75	1	830	3200
Leachate, Cell 9	69	8.1	100	0.68	860	3000

Notes:
All sample units are milligrams per liter (mg/L)
WAC 173-200-040 Table 1 Groundwater Quality Criteria are for total metals
Groundwater (monitoring well) concentrations greater than WAC 173-200 criteria are shown in **bold**
Analyses performed by Eurofins TestAmerica of Denver, Colorado
Method Reporting Limit (MRL) is typical and may be elevated for some samples
* = sample result was not reported at or above the MRL
** = Reported concentrations for leachate are total metals

Table 6. Volatile Organic Compounds (µg/L)
Third Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	1,2-Dichloroethane	1,4-Dichlorobenzene	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Carbon disulfide	Chlorobenzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	m-Xylene & p-Xylene	o-Xylene	Styrene	Toluene
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MRL	0.5	0.50	6.0	15.0	5.0	10.0	0.50	0.63	0.50	0.50	0.50	1.0	0.50	0.50		0.50
WAC 173-200 Criteria	0.50	4.0	—	—	—	—	1.0	—	—	—	—	—	—	—	—	—
Monitoring Wells																
MW-1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
(BG) MW-9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
(BG) MW-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Leak Detection System																
LDCS-1	*	1.6	*	*	*	*	0.5	*	*	*	*	*	*	*	*	*
LDCS-2A	*	*	*	*	*	11	*	*	*	*	*	*	*	*	*	*
LDCS-2B	*	0.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-3A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-4A	*	0.51	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-4B	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-7	*	*	*	*	*	*	1.2	*	*	*	0.73	*	*	*	*	*
LDCS-8	*	*	*	*	*	*	0.54	*	*	*	*	*	*	*	*	*
LDCS-9	0.53	*	*	*	*	*	1.9	*	*	0.67	2.1	*	*	*	*	*
Leachate Collection System																
Leachate, Cell 6	*	*	3400	*	43	6100	*	*	*	*	*	8.2	12	8.5	*	15
Leachate, Cell 7	*	*	7400	*	140	9400	*	9.6	1.3	*	3.3	18	27	15	*	23
Leachate, Cell 8	*	*	610	*	*	650	*	5.9	*	*	*	11	15	11	*	13
Leachate, Cell 9	*	3.2	320	*	30	170	12	*	*	*	*	29	51	27	6.5	87
Quality Control Samples																
Field Blank	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Notes:
All sample units are micrograms per liter (µg/L)
Analyses performed by Eurofins TestAmerica of Denver, Colorado
Groundwater (monitoring well) concentrations greater than WAC 173-200 criteria are shown in **bold**

Table 7. Cation-Anion Balance
Third Quarter 2025
LRI Landfill, Pierce County, Washington

Cations	mg/L					meq/L					% of Total		
	Ca	Mg	K	Na	Total	Ca	Mg	K	Na	Total	Na+K	Ca	Mg
MW-1A	16	8.9	3.5	11	39.4	0.80	0.73	0.08	0.48	2.09	26.7	38.2	35.1
MW-2A	27	13	3.9	17	60.9	1.35	1.07	0.09	0.74	3.24	25.5	41.5	33.0
MW-3	37	16	3.9	14	70.9	1.85	1.32	0.09	0.61	3.86	18.1	47.8	34.1
MW-4	32	17	5.8	14	68.8	1.60	1.40	0.13	0.61	3.74	19.8	42.7	37.5
MW-5A	26	11	3.7	18	58.7	1.30	0.91	0.08	0.78	3.07	28.2	42.3	29.5
MW-6	37	17	5	11	70	1.85	1.40	0.11	0.48	3.84	15.4	48.1	36.5
MW-7	28	19	6.1	12	65.1	1.40	1.56	0.14	0.52	3.62	18.2	38.6	43.2
MW-9	9.8	6.5	2	7.4	25.7	0.49	0.53	0.05	0.32	1.39	26.4	35.2	38.5
MW-10	25	11	2.3	13	51.3	1.25	0.91	0.05	0.57	2.77	22.3	45.0	32.7
LDCS-1	69	30	6.2	21	126.2	3.44	2.47	0.14	0.91	6.97	15.1	49.4	35.4
LDCS-2A	96	38	9.5	30	173.5	4.79	3.13	0.21	1.31	9.44	16.1	50.8	33.1
LDCS-2B	98	46	8	23	175	4.89	3.79	0.18	1.00	9.86	12.0	49.6	38.4
LDCS-3A	99	44	6.6	23	172.6	4.94	3.62	0.15	1.00	9.71	11.8	50.9	37.3
LDCS-4A	81	42	5.8	28	156.8	4.04	3.46	0.13	1.22	8.85	15.2	45.7	39.1
LDCS-4B	84	38	6.6	33	161.6	4.19	3.13	0.15	1.44	8.90	17.8	47.1	35.1
LDCS-5	79	45	7.1	34	165.1	3.94	3.70	0.16	1.48	9.28	17.7	42.5	39.9
LDCS-6	100	75	7.6	32	214.6	4.99	6.17	0.17	1.39	12.73	12.3	39.2	48.5
LDCS-7	83	34	5.2	26	148.2	4.14	2.80	0.12	1.13	8.19	15.2	50.6	34.2
LDCS-8	79	82	6.8	24	191.8	3.94	6.75	0.15	1.04	11.89	10.1	33.2	56.8
LDCS-9	87	34	5.6	32	158.6	4.34	2.80	0.13	1.39	8.66	17.5	50.1	32.3

Anions	mg/L					meq/L					% of Total			Total Ions (meq/L)	Cation - Anion Balance	Applicable Ratio (%)	Ratio Exceedance
	Alk	Cl	NO_3	SO_4	Total	Alk	Cl	NO_3	SO_4	Total	Cl	Alk	SO_4				
MW-1A	115.2	2	0.5	6.3	124	1.89	0.06	0.008	0.13	2.08	2.7	90.6	6.3	4.17	0.1	10	O
MW-2A	156	3.6	0.5	22	182.1	2.56	0.10	0.008	0.46	3.13	3.2	81.9	14.6	6.37	1.9	5	O
MW-3	180	3.9	0.5	36	220.4	2.95	0.11	0.008	0.75	3.82	2.9	77.3	19.6	7.68	0.5	5	O
MW-4	204	3.2	0.5	11	218.7	3.35	0.09	0.008	0.23	3.67	2.5	91.1	6.2	7.41	0.9	5	O
MW-5A	168	2.4	0.5	5.2	176.1	2.76	0.07	0.008	0.11	2.94	2.3	93.7	3.7	6.01	2.2	5	O
MW-6	216	5.1	0.5	7.1	228.7	3.54	0.14	0.008	0.15	3.84	3.7	92.2	3.8	7.68	0.1	5	O
MW-7	204	2.8	0.5	4.5	211.8	3.35	0.08	0.008	0.09	3.53	2.2	94.9	2.7	7.15	1.3	5	O
MW-9	81.6	1.5	0.5	1.7	85.3	1.34	0.04	0.008	0.04	1.42	3.0	94.0	2.5	2.81	1.2	10	O
MW-10	144	6.2	2.7	5.8	158.7	2.36	0.17	0.043	0.12	2.70	6.5	87.4	4.5	5.47	1.3	5	O
LDCS-1	408	5.2	0.5	4.2	417.9	6.69	0.15	0.008	0.09	6.93	2.1	96.5	1.3	13.90	0.2	5	O
LDCS-2A	540	7.8	0.5	20	568.3	8.86	0.22	0.008	0.42	9.50	2.3	93.2	4.4	18.94	0.3	5	O
LDCS-2B	516	21	0.5	45	582.5	8.46	0.59	0.008	0.94	10.00	5.9	84.6	9.4	19.86	0.7	5	O
LDCS-3A	540	4.7	0.5	47	592.2	8.86	0.13	0.008	0.98	9.97	1.3	88.8	9.8	19.69	1.3	5	O
LDCS-4A	420	28	0.5	54	503	6.89	0.79	0.008	1.12	8.81	9.0	78.2	12.8	17.66	0.2	5	O
LDCS-4B	420	33	0.5	60	514	6.89	0.93	0.008	1.25	9.07	10.3	75.9	13.8	17.98	1.0	5	O
LDCS-5	444	26	0.5	59	530	7.28	0.73	0.008	1.23	9.25	7.9	78.7	13.3	18.53	0.2	5	O
LDCS-6	540	45	0.5	120	706	8.86	1.27	0.008	2.50	12.63	10.0	70.1	19.8	25.36	0.4	5	O
LDCS-7	492	5.2	0.5	5.9	504	8.07	0.15	0.008	0.12	8.35	1.8	96.7	1.5	16.53	1.0	5	O
LDCS-8	612	25	0.5	64	702	10.04	0.71	0.008	1.33	12.08	5.8	83.1	11.0	23.97	0.8	5	O
LDCS-9	420	10	0.5	60	491	6.89	0.28	0.008	1.25	8.43	3.3	81.7	14.8	17.08	1.4	5	O

Notes:
mg/L = milligrams per liter
meq/L = milliequivalents per liter
Total alkalinity concentration, reported as calcium carbonate ($CaCO_3$), is converted to the bicarbonate (HCO_3) ion by multiplying by a factor of 1.2
Cation / anion balance equation is the equivalent percent difference in cations minus anions divided by the sum of cations and anions [(cations-anions)/(anions+cations)*100].
All measurements taken on June 18-19, 2025
A 10% difference threshold is used if the total cation-anion sums are < 5.0 meq/liter
A 5% difference threshold is used if the total cation-anion sums are > or = to 5.0 meq/liter

Table 8. Duplicate Sample Results
Third Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	MRL	MW-7	MW-7 (Duplicate)	RPD (%)
Volatile Organic Compunds (µg/L)				
No Detections	-	-	-	-
Inorganic Parameters (mg/L)				
Alkalinity, Total	10	170	170	0.00
Ammonia	0.1	0.18	0.2	10.53
Chloride	0.2	2.8	2.7	3.64
Sulfate	0.2	4.5	4.5	0.00
Total Dissolved Solids	1	210	210	0.00
Dissolved Metals (mg/L)				
Calcium	0.2	28	28	0.00
Magnesium	0.1	19	19	0.00
Manganese	0.1	0.22	0.22	0.00
Potassium	2	6.1	6.1	0.00
Sodium	1	12	12	0.00
Total Metals (mg/L)				
Arsenic	0.005	0.0065	0.0059	9.68
Barium	0.005	0.015	0.016	6.45

Notes:

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Parameters not listed were not present at concentrations exceeding the Method Reporting Limit (MRL)

RPD = relative percent difference

µg/L = micrograms per liter

Table 1. Groundwater Level Elevations
December 2-17, 2025
LRI Landfill, Pierce County, Washington

Location	Well Casing Elevation (ft)	Depth to Water (ft)	Water Level Elevation (ft, NGVD29)
Wells			
W87-4A	693.29	8.39	684.90
W90-12A	640.84	25.46	615.38
MW-1A	652.57	18.10	634.47
MW-2A	651.93	18.18	633.75
MW-3	637.41	7.20	630.21
MW-4	652.37	22.48	629.89
MW-5A	654.40	27.37	627.03
MW-6	635.71	7.73	627.98
MW-7	656.03	24.45	631.58
MW-9	701.77	11.26	690.51
MW-10	678.37	29.72	648.65
Piezometers			
P95-8A	722.07	40.75	681.32
GP-1P	652.00	10.20	641.80
GP-2P	658.61	14.50	644.11
GP-3P	658.51	7.80	650.71
GP-4P	662.01	11.00	651.01
GP-9P	674.03	10.65	663.38
GP-16P	689.51	19.10	670.41
GP-17P	NS	5.10	--
GP-18P	NS	3.00	--
GP-19P	NS	5.53	--
GP-20P	NS	4.65	--
P21-2	NS	21.80	--
P22-1	NS	29.82	--
P22-2	NS	7.70	--
P22-3	NS	12.35	--
South Creek			
SWSC-1	632.68	3.20	629.48
SWSC-2	629.98	3.34	626.64
Leak Detection System			
LDCS-1	657.26	28.14	629.12
LDCS-2A	659.24	29.69	629.55
LDCS-2B	661.70	28.28	633.42

Notes:

NM = not measured

-- = not applicable

NS = Not surveyed

All measurements taken on December 2-17, 2025

Table 2. Field Parameters
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Location	Sample Number	Sample Date	Sampling Method	pH	Conductivity	Temperature
Units				(SU)	(µS/cm)	(°C)
WAC 173-200 Criteria				6.5-8.5	700[b]	—
Monitoring Wells						
MW-1A	304-120225-01	12/2/2025	DP	6.73	222	14.2
MW-2A	304-120225-02	12/2/2025	DP	7.00	398	13.6
MW-3	304-120225-03	12/2/2025	DP	7.04	413	10.9
MW-4	304-120325-04	12/3/2025	SP	7.09	376.1	14.1
MW-5A	304-120325-05	12/3/2025	DP	7.48	322.5	13.6
MW-6	304-120225-06	12/2/2025	DP	7.35	502	10.8
MW-7	304-120225-07	12/2/2025	DP	7.40	390	10.9
MW-9	304-120325-09	12/3/2025	DP	6.53	133.5	11.1
MW-10	304-120225-10	12/2/2025	DP	**6.06**	292	12.7
Leak Detection System						
LDCS-1	304-120425-12	12/4/2025	DB	6.38	486.7	19.1
LDCS-2A	304-120425-13	12/4/2025	DB	6.44	854	16.7
LDCS-2B	304-120325-14	12/3/2025	DB	6.43	843	17.8
LDCS-3A	304-120325-15	12/3/2025	DP	6.30	826	18.7
LDCS-4A	304-120425-16	12/4/2025	DP	6.17	329.6	17.1
LDCS-4B	304-120425-17	12/4/2025	DP	6.20	676	24.1
LDCS-5	304-12042025-18	12/4/2025	DP	6.40	850	14.6
LDCS-6	304-12042025-19	12/4/2025	DP	7.75	1,082	8.8
LDCS-7	304-120325-20	12/3/2025	DP	5.93	732	24.6
LDCS-8	304-12042025-22	12/4/2025	GB	6.35	962	21.7
LDCS-9	304-12172025-001	12/17/2025	GB	7.22	1,200	12.2
Leachate Collection System						
Leachate, Cell 1	304-120325-25	12/3/2025	GB	7.45	19,274	20.2
Leachate, Cell 2A	304-120325-26	12/3/2025	GB	7.74	21,829	14.5
Leachate, Cell 2B	304-120325-27	12/3/2025	GB	7.72	22,261	22.2
Leachate, Cell 3A	304-120325-28	12/3/2025	GB	7.59	19,514	17.0
Leachate, Cell 4A	304-120325-29	12/3/2025	GB	7.91	32,611	22.0
Leachate, Cell 4B	304-120325-30	12/3/2025	GB	7.89	10,282	24.8
Leachate, Cell 5	304-120325-31	12/3/2025	GB	8.11	30,542	21.8
Leachate, Cell 6	304-120325-32	12/3/2025	GB	7.92	23,677	17.7
Leachate, Cell 7	304-120325-33	12/3/2025	GB	8.16	21,917	15.2
Leachate, Cell 8	304-120325-34	12/3/2025	GB	7.77	20,368	22.0
Leachate, Cell 9	304-120325-35	12/3/2025	GB	7.63	16,532	14.9

Notes:
Groundwater (monitoring well) concentrations greater than the WAC 173-200 criteria are shown in **bold**
b = Secondary Drinking Water Standard
°C = degrees celcius
DB = disposable bailer
DP = dedicated pump
GB = grab sample
SP = submersible pump
SU = standard units
µS/cm = microsiemens per centimeter

Table 3. Inorganic Parameters
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Alkalinity, Total	Ammonia	Chloride	Nitrate	Sulfate	Total Dissolved Solids	Total Organic Carbon	Total Suspended Solids
MRL	10	0.10	0.20	0.50	0.20	10	1.0	4.0
WAC 173-200 Criteria	—	—	250	10	250	500	—	—
Prediction Limit	—	—	—	6.4	—	—	—	—
Monitoring Wells								
MW-1A	98	0.062	2.1	*	6.5	140	0.66	3.2
MW-2A	150	0.27	4	*	28	240	1.1	*
MW-3	150	0.13	4.2	*	33	220	1.1	*
MW-4	190	*	4.8	0.15	15	310	3.5	400
MW-5A	160	0.15	2.7	*	9.1	210	1	10
MW-6	220	0.19	6.3	*	8.8	260	1.4	5.6
MW-7	180	0.22	3.2	*	5	200	0.89	2
(BG) MW-9	70	*	2.1	0.14	1.6	130	0.51	*
(BG) MW-10	110	*	6.1	2.6	5.7	190	0.72	4.4
Leak Detection System								
LDCS-1	240	0.075	5.9	*	5.3	290	4.2	-
LDCS-2A	440	0.48	11	0.17	15	500	7.6	-
LDCS-2B	400	0.15	18	*	44	510	4.9	-
LDCS-3A	400	0.27	5.5	*	49	500	3.4	-
LDCS-4A	220	0.085	13	1.5	33	330	9.3	-
LDCS-4B	280	0.15	21	0.2	45	420	11	-
LDCS-5	290	0.042	19	0.15	51	450	7.9	-
LDCS-6	450	*	46	*	120	720	3.3	-
LDCS-7	270	0.087	6.6	*	100	470	5.8	-
LDCS-8	450	0.071	24	*	68	610	4.7	-
LDCS-9	620	0.26	24	*	80	790	6.5	-
Leachate Collection System								
Leachate, Cell 1	5000	950	3900	*	3	11000	1000	-
Leachate, Cell 2A	8600	1600	2900	*	10	12000	1400	-
Leachate, Cell 2B	8700	1800	3100	*	4	13000	1200	-
Leachate, Cell 3A	7400	1500	2500	*	*	10000	1000	-
Leachate, Cell 4A	14000	3200	5900	*	*	22000	2400	-
Leachate, Cell 4B	15000	2700	6400	*	*	23000	2400	-
Leachate, Cell 5	13000	2700	3600	*	2	17000	1700	-
Leachate, Cell 6	9700	1900	3200	*	19	14000	1600	-
Leachate, Cell 7	8600	1900	2400	*	31	12000	1400	-
Leachate, Cell 8	9100	2700	2000	*	30	10000	1300	-
Leachate, Cell 9	6700	2000	2100	*	21	10000	1300	-

Notes:

All sample units are milligrams per liter (mg/L)

Groundwater (monitoring well) concentrations greater than prediction limits or WAC 173-200 criteria are shown in **bold**

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Method Reporting Limit (MRL) is typical and may be elevated for some samples

* = Sample result was not reported at or above the MRL

— = Not applicable or not performed

BG = Background

B = compound was detected in the method blank and the sample

Table 4. WAC 173-351 Appendix I Metals
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Antimony-D	Antimony-T	Arsenic-D	Arsenic-T	Barium-D	Barium-T	Beryllium-D	Beryllium-T	Cadmium-D	Cadmium-T	Chromium-D	Chromium-T	Cobalt-D	Cobalt-T	Copper-D	Copper-T	Lead-D	Lead-T	Nickel-D	Nickel-T	Selenium-D	Selenium-T	Silver-D	Silver-T	Thallium-D	Thallium-T	Vanadium-D	Vanadium-T	Zinc-D	Zinc-T
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MRL	0.05	0.05	0.0005	0.0005	0.005	0.005	0.001	0.001	0.001	0.001	0.005	0.005	0.001	0.001	0.01	0.01	0.002	0.002	0.02	0.02	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01
WAC 173-200 Criteria	—	—	—	0.00005	—	1.0	—	—	—	0.01	—	0.05	—	—	—	1.0	—	0.05	—	—	—	0.01	—	0.05	—	—	—	—	—	5.0
Prediction Limit	—	0.05	—	0.011	—	0.091	—	0.005	—	0.005	—	0.011	—	0.01	—	0.063	—	0.042	—	0.020	—	0.005	—	0.01	—	0.005	—	0.017	—	0.290
Monitoring Wells																														
MW-1A	--	*	--	0.0022	--	0.022	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	0.062
MW-2A	--	*	--	0.0032	--	0.017	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*
MW-3	--	*	--	0.004	--	0.013	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*
MW-4	--	*	--	**0.02**	--	0.046	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*
MW-5A	--	*	--	0.0054	--	0.016	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*
MW-6	--	*	--	0.0081	--	0.19	--	*	--	*	--	0.035	--	0.011	--	0.14	--	**0.092**	--	0.034	--	*	--	*	--	*	--	0.049	--	0.65
MW-7	--	*	--	0.0056	--	0.017	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*
(BG) MW-9	--	*	--	0.0018	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	0.016	--	*
(BG) MW-10	--	*	--	0.00084	--	0.015	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	0.0051	--	0.012
Leak Detection System																														
LDCS-1	*	--	0.0087	--	0.022	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
LDCS-2A	*	--	0.012	--	0.054	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	0.02	--
LDCS-2B	*	--	0.014	--	0.025	--	*	--	*	--	*	--	0.0052	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
LDCS-3A	*	--	0.017	--	0.022	--	*	--	*	--	*	--	0.004	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
LDCS-4A	*	--	*	--	0.017	--	*	--	*	--	*	--	*	--	0.016	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
LDCS-4B	*	--	*	--	0.018	--	*	--	*	--	*	--	0.0014	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
LDCS-5	*	--	0.0054	--	0.026	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
LDCS-6	*	--	0.0066	--	0.038	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
LDCS-7	*	--	0.01	--	0.028	--	*	--	*	--	*	--	0.0012	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
LDCS-8	*	--	*	--	0.048	--	*	--	*	--	*	--	0.0016	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
LDCS-9	*	--	*	--	0.037	--	*	--	*	--	*	--	0.003	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--	*	--
Leachate Collection System																														
Leachate, Cell 1	--	0.075	--	0.21	--	0.82	--	*	--	*	--	0.22	--	0.021	--	0.023	--	0.0067	--	0.48	--	*	--	*	--	*	--	0.13	--	0.017
Leachate, Cell 2A	--	*	--	0.24	--	0.97	--	*	--	*	--	0.48	--	0.042	--	0.033	--	0.014	--	0.5	--	*	--	*	--	*	--	0.27	--	0.071
Leachate, Cell 2B	--	*	--	0.19	--	0.99	--	*	--	*	--	0.52	--	0.041	--	0.02	--	0.014	--	0.55	--	*	--	*	--	*	--	0.36	--	0.048
Leachate, Cell 3	--	*	--	0.053	--	0.88	--	*	--	*	--	0.35	--	0.035	--	*	--	0.011	--	0.35	--	*	--	*	--	*	--	0.18	--	0.044
Leachate, Cell 4A	--	*	--	0.17	--	1.2	--	*	--	*	--	0.61	--	0.038	--	0.098	--	0.015	--	0.58	--	*	--	*	--	*	--	0.11	--	0.082
Leachate, Cell 4B	--	*	--	0.13	--	1.2	--	*	--	*	--	0.59	--	0.038	--	0.088	--	0.015	--	0.57	--	*	--	*	--	*	--	0.11	--	0.057
Leachate, Cell 5	--	*	--	0.22	--	0.87	--	*	--	*	--	0.64	--	0.057	--	0.06	--	0.014	--	0.61	--	*	--	*	--	*	--	0.14	--	0.096
Leachate, Cell 6	--	0.055	--	0.42	--	0.86	--	*	--	*	--	0.76	--	0.038	--	0.05	--	0.017	--	0.32	--	*	--	*	--	*	--	0.19	--	0.14
Leachate, Cell 7	--	0.055	--	0.46	--	0.73	--	*	--	*	--	0.8	--	0.036	--	0.051	--	0.019	--	0.28	--	*	--	*	--	*	--	0.2	--	0.16
Leachate, Cell 8	--	*	--	0.26	--	0.79	--	*	--	*	--	0.8	--	0.047	--	0.041	--	0.019	--	0.29	--	*	--	*	--	*	--	0.15	--	0.16
Leachate, Cell 9	--	*	--	0.08	--	1.1	--	*	--	*	--	0.38	--	0.048	--	0.13	--	0.06	--	0.42	--	*	--	*	--	*	--	0.11	--	0.71

Notes:
All sample units are milligrams per liter (mg/L)
WAC 173-200-040 Table 1 Groundwater Quality Criteria are for total metals
Groundwater (monitoring well) concentrations greater than prediction limits or WAC 173-200 criteria are shown in **bold**
Parameter concentrations for monitoring wells are total (T) metals
Parameter concentrations for LDCS sumps are dissolved (D) metals
Parameter concentrations for leachate samples are total (T) metals
Analyses performed by Eurofins TestAmerica of Denver, Colorado
Method Reporting Limit (MRL) is typical and may be elevated for some samples
* = sample result was not reported at or above the MRL
— = not applicable or not performed

Table 5. WAC 173-351 Appendix II Metals (Dissolved)
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	Calcium	Iron	Magnesium	Manganese	Potassium	Sodium
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MRL	0.20	0.10	0.10	0.005	2.0	1.0
WAC 173-200 Criteria	—	0.30	—	0.05	—	—
Monitoring Wells						
MW-1A	17	**0.36**	9.7	**0.28**	3.9	13
MW-2A	36	**1.1**	16	**0.31**	4.8	21
MW-3	41	*	18	**0.27**	4.2	15
MW-4	36	*	14	0.028	5.3	14
MW-5A	28	*	12	**0.16**	3.7	21
MW-6	53	*	24	**0.27**	6.2	14
MW-7	35	0.22	22	**0.22**	6	13
(BG) MW-9	9.2	*	6.2	*	*	7.2
(BG) MW-10	26	*	11	*	2.4	14
Leak Detection System						
LDCS-1	48	1.1	21	1.9	5.6	19
LDCS-2A	94	3.4	37	2.1	9.5	29
LDCS-2B	86	2	41	2.4	7.3	22
LDCS-3A	90	4.5	38	4	5.4	21
LDCS-4A	54	*	24	0.46	4.1	19
LDCS-4B	78	0.29	25	0.89	4.7	26
LDCS-5	49	0.28	29	0.46	5.9	21
LDCS-6	100	*	71	1.2	7.6	39
LDCS-7	86	1.9	27	1.3	3.3	16
LDCS-8	74	1.6	78	1.6	6.2	21
LDCS-9	180	*	44	1.5	4.7	76
Leachate Collection System**						
Leachate, Cell 1	40	4.2	48	0.64	500	2800
Leachate, Cell 2A	40	4.9	56	0.45	660	3100
Leachate, Cell 2B	32	6.5	54	0.18	690	3400
Leachate, Cell 3	51	11	54	0.53	580	2600
Leachate, Cell 4A	26	8	140	0.19	1300	5300
Leachate, Cell 4B	23	6.6	130	0.13	1300	5200
Leachate, Cell 5	29	6.4	52	0.21	1000	4200
Leachate, Cell 6	50	1.5	74	0.9	770	2900
Leachate, Cell 7	53	1.3	69	0.96	720	2700
Leachate, Cell 8	77	1.3	74	1.6	700	2600
Leachate, Cell 9	220	7.3	120	2.5	540	2000

Notes:

All sample units are milligrams per liter (mg/L)

WAC 173-200-040 Table 1 Groundwater Quality Criteria are for total metals

Groundwater (monitoring well) concentrations greater than WAC 173-200 criteria are shown in **bold**

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Method Reporting Limit (MRL) is typical and may be elevated for some samples

* = sample result was not reported at or above the MRL

** = Reported concentrations for leachate are total metals

— = not applicable or not performed

Table 6. Volatile Organic Compounds (µg/L)
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Parameter	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloropropane	2-Butanone (MEK)	Acetone	Benzene	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichlorofluoromethane	Vinyl chloride
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MRL	0.5	0.5	0.5	0.50	6.0	10.0	0.5	0.63	0.50	0.64	0.50	0.50	1.00	0.50	0.50	0.50	0.50	0.50	0.50
WAC 173-200 Criteria	—	—	0.5	4.0	—	—	0.07	—	—	—	—	—	—	—	—	—	—	—	0.02
Monitoring Wells																			
MW-1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MW-7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
(BG) MW-9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
(BG) MW-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Leak Detection System																			
LDCS-1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-2A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-2B	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-3A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-4A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-4B	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LDCS-9	1.6	1.6	1.1	1.2	180	79	2.3	1.4	1.5	2.1	2.4	2	1.7	1.4	1.7	1.6	1.6	2.1	1.6
Leachate Collection System																			
Leachate, Cell 1	*	*	*	*	7300	9200	17	*	*	*	*	*	38	30	*	34	*	*	*
Leachate, Cell 2A	*	*	*	*	4000	4100	8.9	*	*	*	*	*	29	20	*	25	*	*	*
Leachate, Cell 2B	*	*	*	*	4800	5300	7	*	*	*	*	*	28	23	*	31	*	*	*
Leachate, Cell 3	*	*	*	*	*	31	12	*	1.6	*	*	*	35	23	*	9.8	*	*	*
Leachate, Cell 4A	*	*	*	*	6000	13000	*	*	*	*	*	*	21	17	*	37	*	*	*
Leachate, Cell 4B	*	*	*	*	5100	14000	17	*	*	*	*	*	30	22	*	54	*	*	*
Leachate, Cell 5	*	*	*	*	4200	5200	*	*	*	*	*	*	*	*	*	11	*	*	*
Leachate, Cell 6	*	*	*	*	1500	2400	7	*	*	*	*	*	21	16	*	28	*	*	*
Leachate, Cell 7	*	*	*	*	140	320	2.8	*	*	*	*	*	11	9.2	*	18	*	*	*
Leachate, Cell 8	*	*	*	*	140	210	2.5	*	*	*	*	*	12	9.2	*	13	*	*	*
Leachate, Cell 9	*	*	*	*	4800	5000	*	*	*	*	*	*	15	12	*	46	*	*	*
Quality Control Samples																			
Field Blank	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Notes:
All sample units are micrograms per liter (µg/L)
Analyses performed by Eurofins TestAmerica of Denver, Colorado
Groundwater (monitoring well) concentrations greater than WAC 173-200 criteria are shown in **bold**
Method Reporting Limit (MRL) is typical and may be elevated for some samples
* = sample result was not reported at or above the MRL
— = not applicable or not performed
BG = Background

Table 7. Cation-Anion Balance
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Cations	mg/L					meq/L					% of Total		
	Ca	Mg	K	Na	Total	Ca	Mg	K	Na	Total	Na+K	Ca	Mg
MW-1A	17	9.7	3.9	13	43.6	0.85	0.80	0.09	0.57	2.30	28.4	36.9	34.7
MW-2A	36	16	4.8	21	77.8	1.80	1.32	0.11	0.91	4.14	24.7	43.4	31.8
MW-3	41	18	4.2	15	78.2	2.05	1.48	0.09	0.65	4.27	17.5	47.9	34.7
MW-4	36	14	5.3	14	69.3	1.80	1.15	0.12	0.61	3.68	19.8	48.9	31.3
MW-5A	28	12	3.7	21	64.7	1.40	0.99	0.08	0.91	3.38	29.5	41.3	29.2
MW-6	53	24	6.2	14	97.2	2.64	1.98	0.14	0.61	5.37	14.0	49.3	36.8
MW-7	35	22	6	13	76	1.75	1.81	0.14	0.57	4.26	16.5	41.0	42.5
MW-9	9	6.2	1.8	7.2	24.4	0.46	0.51	0.04	0.31	1.32	26.7	34.7	38.6
MW-10	26	11	2.4	14	53.4	1.30	0.91	0.05	0.61	2.87	23.1	45.3	31.6
LDCS-1	48	21	5.6	19	93.6	2.40	1.73	0.13	0.83	5.08	18.8	47.2	34.0
LDCS-2A	94	37	9.5	29	169.5	4.69	3.05	0.21	1.26	9.21	16.0	50.9	33.1
LDCS-2B	86	41	7.3	22	156.3	4.29	3.37	0.16	0.96	8.79	12.8	48.8	38.4
LDCS-3A	90	38	5.4	21	154.4	4.49	3.13	0.12	0.91	8.65	12.0	51.9	36.1
LDCS-4A	54	24	4.1	19	101.1	2.69	1.98	0.09	0.83	5.59	16.4	48.2	35.3
LDCS-4B	78	25	4.7	26	133.7	3.89	2.06	0.11	1.13	7.19	17.2	54.2	28.6
LDCS-5	49	29	5.9	21	104.9	2.45	2.39	0.13	0.91	5.88	17.8	41.6	40.6
LDCS-6	100	71	7.6	39	217.6	4.99	5.84	0.17	1.70	12.70	14.7	39.3	46.0
LDCS-7	86	27	3.3	16	132.3	4.29	2.22	0.07	0.70	7.28	10.6	58.9	30.5
LDCS-8	74	78	6.2	21	179.2	3.69	6.42	0.14	0.91	11.17	9.4	33.1	57.5
LDCS-9	180	44	4.7	76	304.7	8.98	3.62	0.11	3.31	16.02	21.3	56.1	22.6
Leachate, Cell 1	40	48	500	2800	3388	2.00	3.95	11.29	121.80	139.04	95.7	1.4	2.8
Leachate, Cell 2A	40	56	660	3100	3856	2.00	4.61	14.90	134.85	156.36	95.8	1.3	2.9
Leachate, Cell 2B	32	54	690	3400	4176	1.60	4.44	15.58	147.90	169.52	96.4	0.9	2.6
Leachate, Cell 3A	51	54	580	2600	3285	2.54	4.44	13.10	113.10	133.19	94.8	1.9	3.3
Leachate, Cell 4A	26	140	1300	5300	6766	1.30	11.52	29.35	230.55	272.72	95.3	0.5	4.2
Leachate, Cell 4B	23	130	1300	5200	6653	1.15	10.70	29.35	226.20	267.40	95.6	0.4	4.0
Leachate, Cell 5	29	52	1000	4200	5281	1.45	4.28	22.58	182.70	211.01	97.3	0.7	2.0
Leachate, Cell 6	50	74	770	2900	3794	2.50	6.09	17.39	126.15	152.12	94.4	1.6	4.0
Leachate, Cell 7	53	69	720	2700	3542	2.64	5.68	16.26	117.45	142.03	94.1	1.9	4.0
Leachate, Cell 8	77	74	700	2600	3451	3.84	6.09	15.81	113.10	138.84	92.8	2.8	4.4
Leachate, Cell 9	220	120	540	2000	2,880	10.98	9.88	12.19	87.00	120.05	82.6	9.1	8.2

Anions	mg/L					meq/L					% of Total			Total Ions (meq/L)	Cation - Anion Balance	Applicable Ratio (%)	Ratio Exceedance
	Alk	Cl	NO_3	SO_4	Total	Alk	Cl	NO_3	SO_4	Total	Cl	Alk	SO_4				
MW-1A	117.6	2.1	0.50	6.5	126.7	1.93	0.06	0.008	0.14	2.13	2.8	90.5	6.3	4.43	3.8	10	O
MW-2A	180	4	0.50	28	212.5	2.95	0.11	0.008	0.58	3.66	3.1	80.8	15.9	7.79	6.2	5	Exceeds
MW-3	180	4.2	0.50	33	217.7	2.95	0.12	0.008	0.69	3.76	3.1	78.4	18.2	8.04	6.3	5	Exceeds
MW-4	228	4.8	0.15	15	248.0	3.74	0.14	0.002	0.31	4.19	3.2	89.3	7.4	7.87	6.5	5	Exceeds
MW-5A	192	2.7	0.50	9.1	204.3	3.15	0.08	0.008	0.19	3.42	2.2	92.0	5.5	6.80	0.6	5	O
MW-6	264	6.3	0.50	8.8	279.6	4.33	0.18	0.008	0.18	4.70	3.8	92.2	3.9	10.07	6.7	5	Exceeds
MW-7	216	3.2	0.50	5.0	224.7	3.54	0.09	0.008	0.10	3.74	2.4	94.6	2.8	8.00	6.4	5	Exceeds
MW-9	84	2.1	0.14	1.6	87.84	1.38	0.06	0.002	0.03	1.47	4.0	93.6	2.3	2.80	5.3	10	O
MW-10	132	6.1	2.6	5.7	146.4	2.16	0.17	0.042	0.12	2.50	6.9	86.7	4.7	5.36	6.9	5	Exceeds
LDCS-1	288	5.9	0.50	5.3	299.7	4.72	0.17	0.008	0.11	5.01	3.3	94.3	2.2	10.08	0.7	5	O
LDCS-2A	528	11	0.17	15	554.17	8.66	0.31	0.003	0.31	9.28	3.3	93.3	3.4	18.50	0.4	5	O
LDCS-2B	480	18	0.50	44	542.5	7.87	0.51	0.008	0.92	9.30	5.5	84.6	9.8	18.09	2.8	5	O
LDCS-3A	480	5.5	0.50	49	535	7.87	0.16	0.008	1.02	9.05	1.7	86.9	11.3	17.71	2.3	5	O
LDCS-4A	264	13	1.50	33	312	4.33	0.37	0.024	0.69	5.41	6.8	80.1	12.7	11.00	1.7	5	O
LDCS-4B	336	21	0.20	45	402	5.51	0.59	0.003	0.94	7.04	8.4	78.3	13.3	14.23	1.0	5	O
LDCS-5	348	19	0.15	51	418	5.71	0.54	0.002	1.06	7.31	7.3	78.1	14.5	13.18	10.8	5	Exceeds
LDCS-6	540	46	0.50	120	707	8.86	1.30	0.008	2.50	12.66	10.2	70.0	19.7	25.36	0.2	5	O
LDCS-7	324	6.6	0.50	100	431	5.31	0.19	0.008	2.08	7.59	2.5	70.0	27.4	14.87	2.0	5	O
LDCS-8	540	24	0.50	68	633	8.86	0.68	0.008	1.41	10.96	6.2	80.8	12.9	22.12	1.0	5	O
LDCS-9	744	24	0.50	80	849	12.20	0.68	0.008	1.66	14.55	4.7	83.9	11.4	30.57	4.8	5	O
Leachate, Cell 1	6000	3900	0.50	2.7	9903	98.40	109.98	0.008	0.06	208.44	52.8	47.2	0.0	347.48	20.0	5	Exceeds
Leachate, Cell 2A	10320	2900	0.50	10	13231	169.25	81.78	0.008	0.21	251.24	32.6	67.4	0.1	407.60	23.3	5	Exceeds
Leachate, Cell 2B	10440	3100	0.50	4	13545	171.22	87.42	0.008	0.08	258.73	33.8	66.2	0.0	428.25	20.8	5	Exceeds
Leachate, Cell 3A	8880	2500	0.50	3	11384	145.63	70.50	0.008	0.06	216.20	32.6	67.4	0.0	349.39	23.8	5	Exceeds
Leachate, Cell 4A	16800	5900	0.50	3	22704	275.52	166.38	0.008	0.06	441.97	37.6	62.3	0.0	714.69	23.7	5	Exceeds
Leachate, Cell 4B	18000	6400	0.50	3	24404	295.20	180.48	0.008	0.06	475.75	37.9	62.0	0.0	743.15	28.0	5	Exceeds
Leachate, Cell 5	15600	3600	0.50	1.6	19202	255.84	101.52	0.008	0.03	357.40	28.4	71.6	0.0	568.41	25.8	5	Exceeds
Leachate, Cell 6	11640	3200	0.50	19	14860	190.90	90.24	0.008	0.40	281.54	32.1	67.8	0.1	433.66	29.8	5	Exceeds
Leachate, Cell 7	10320	2400	0.50	31	12752	169.25	67.68	0.008	0.64	237.58	28.5	71.2	0.3	379.61	25.2	5	Exceeds
Leachate, Cell 8	10920	2000	0.50	30	12951	179.09	56.40	0.008	0.62	236.12	23.9	75.8	0.3	374.96	25.9	5	Exceeds
Leachate, Cell 9	8040	2100	0.50	21	10,162	131.86	59.22	0.008	0.44	191.52	30.9	68.8	0.2	311.57	22.9	5	Exceeds

Table 8. Duplicate Sample Results
Fourth Quarter 2025 Monitoring Report
LRI Landfill, Pierce County, Washington

Parameter	MRL	MW-7	MW-7 (Duplicate)	RPD (%)
Volatile Organic Compunds (µg/L)				
No Detections	-	-	-	-
Inorganic Parameters (mg/L)				
Alkalinity, Total	10	180	180	0.00
Ammonia	0.1	0.2	0.2	4.4
Chloride	0.2	2.9	3.2	9.84
Sulfate	0.2	4.9	5	2.0
Total Dissolved Solids	10	200	200	0.00
Total Organic Carbon	1	0.91	0.89	2.22
Dissolved Metals (mg/L)				
Calcium	0.2	35	35	0.0
Iron	0.1	0.22	0.22	0.00
Magnesium	0.1	22	22	0.0
Manganese	0.005	0.21	0.22	4.7
Potassium	2.0	5.9	6	1.68
Sodium	1.0	13	13	0.0
Total Metals (mg/L)				
Arsenic	0.005	0.0056	0.0056	0.00
Barium	0.005	0.016	0.016	0.00

Notes:

Analyses performed by Eurofins TestAmerica of Denver, Colorado

Parameters not listed were not present at concentrations exceeding the Method Reporting Limit (MRL)

RPD = relative percent difference

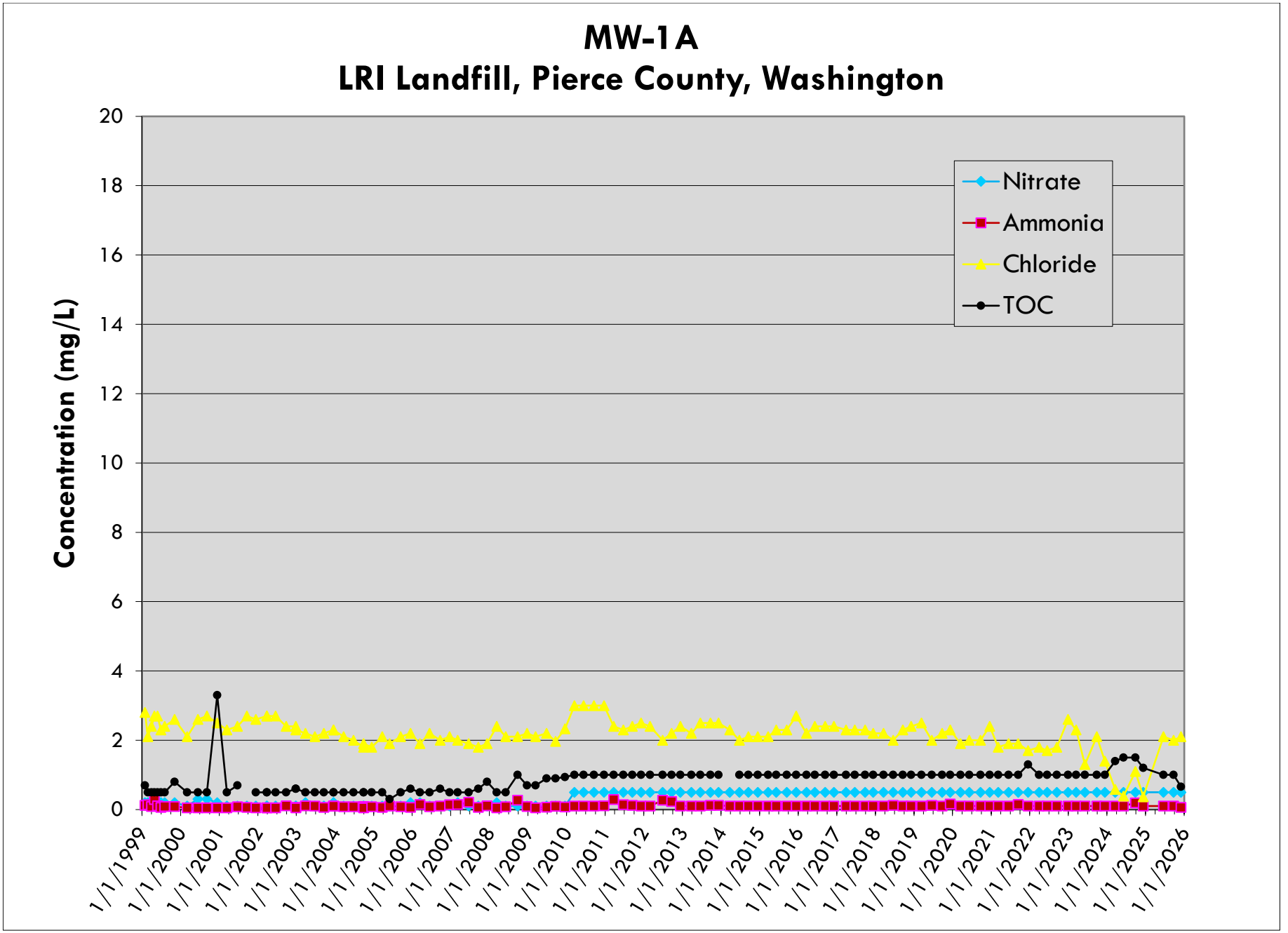
µg/L = micrograms per liter

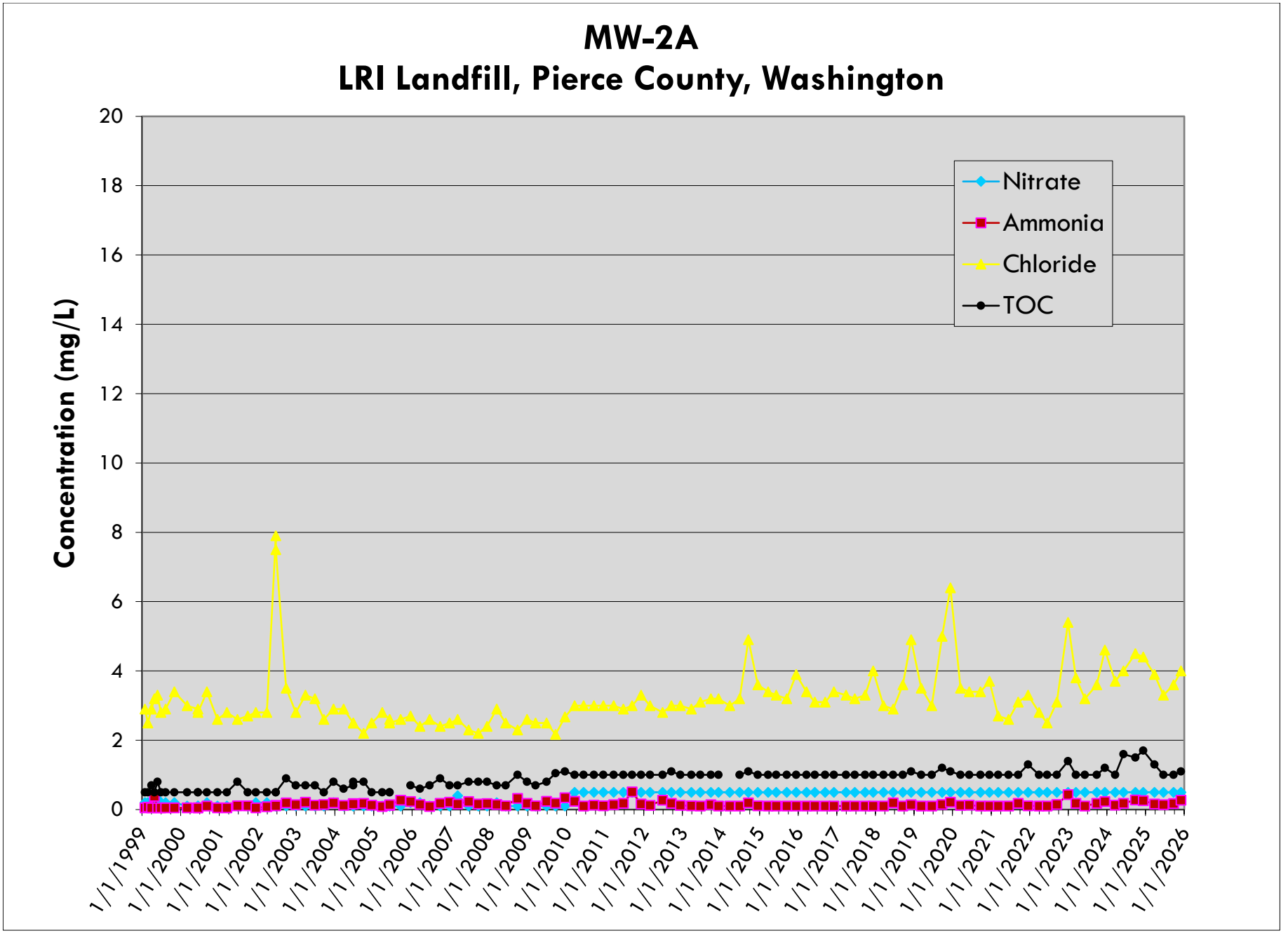
mg/L = milligrams per liter

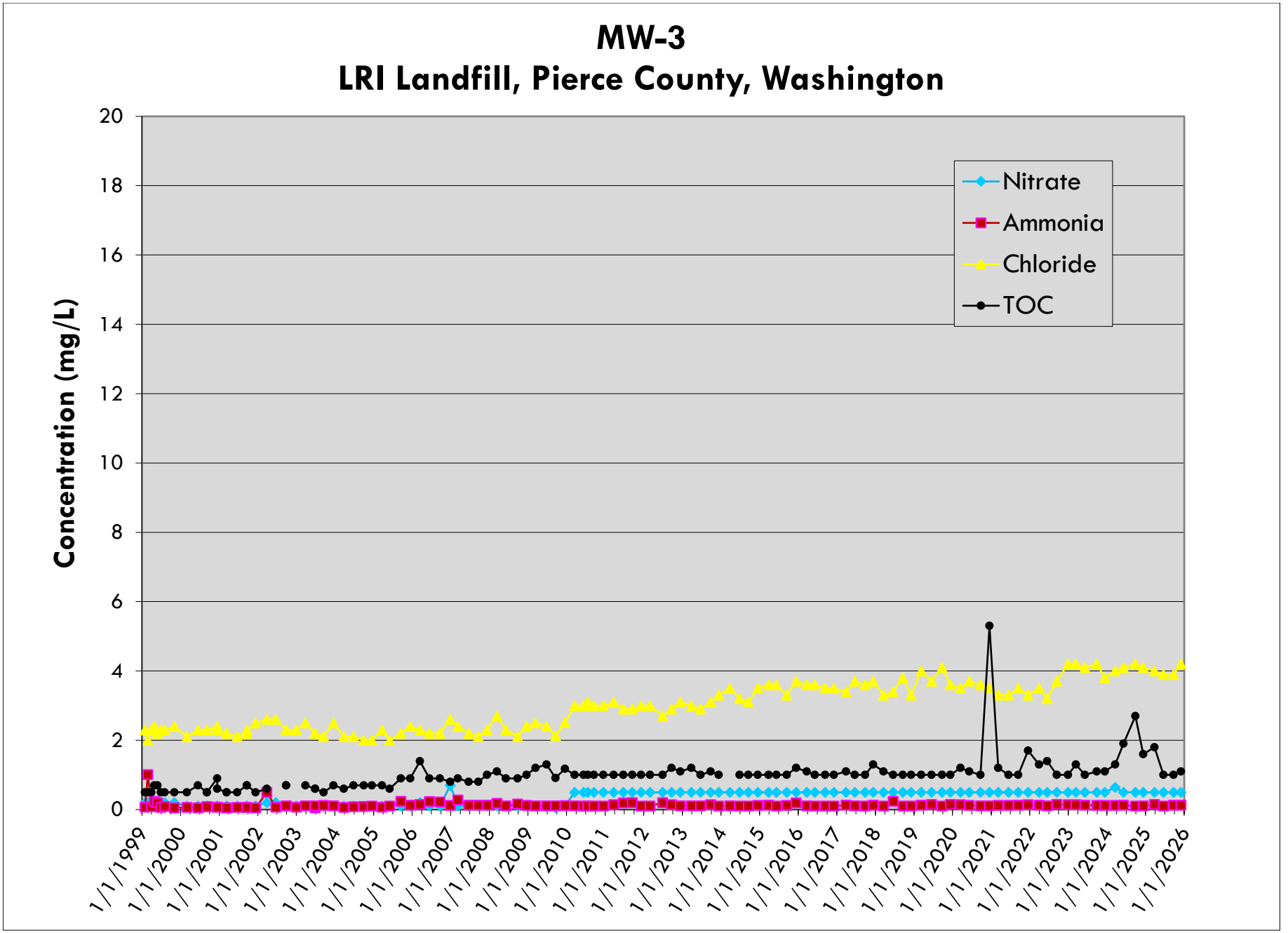
U= parameter was not detected in sample

* = sample result was not reported at or above the MRL

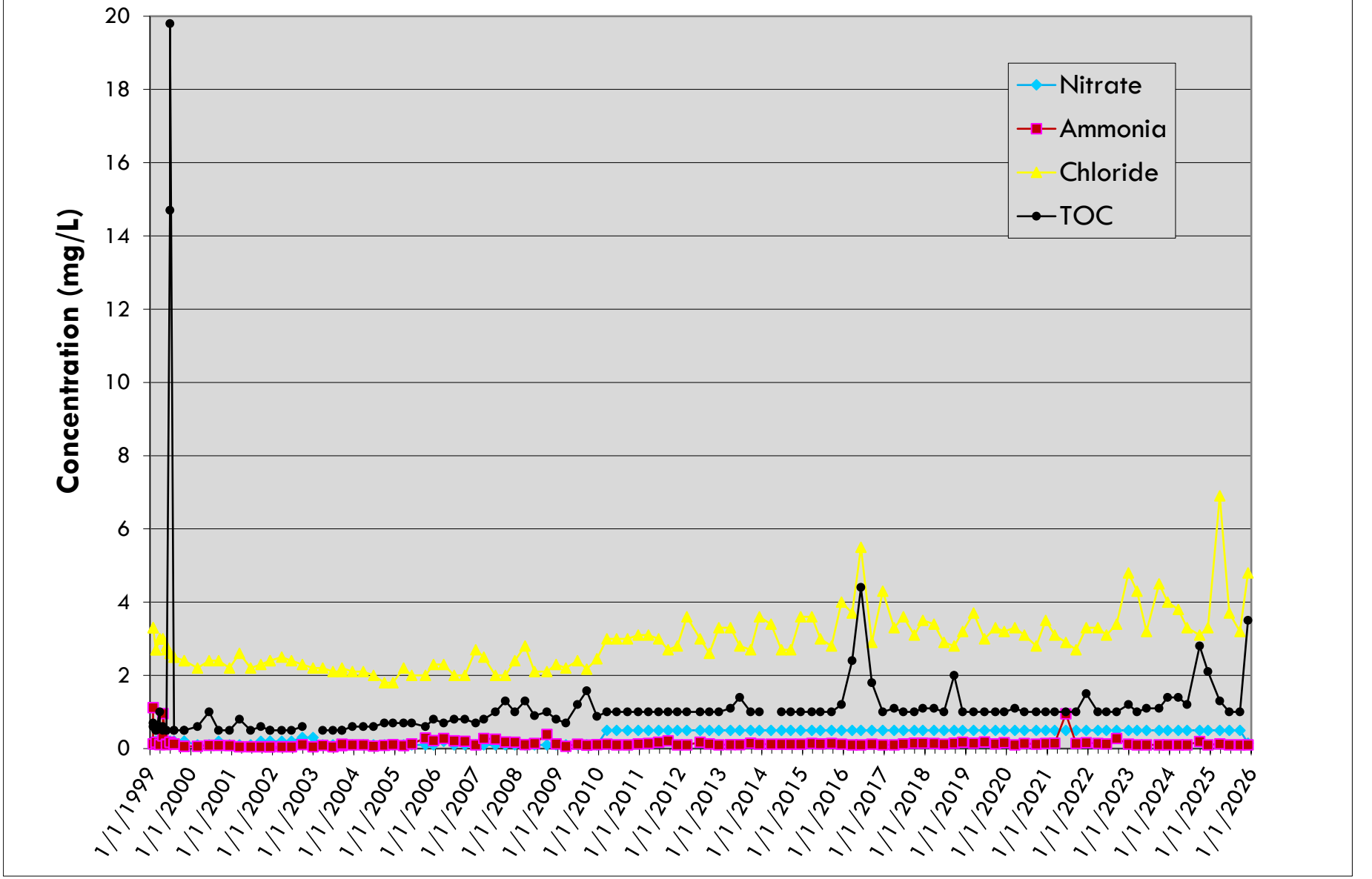
The MRL was used to calculate the RPD for analytes where one sample was non-detect

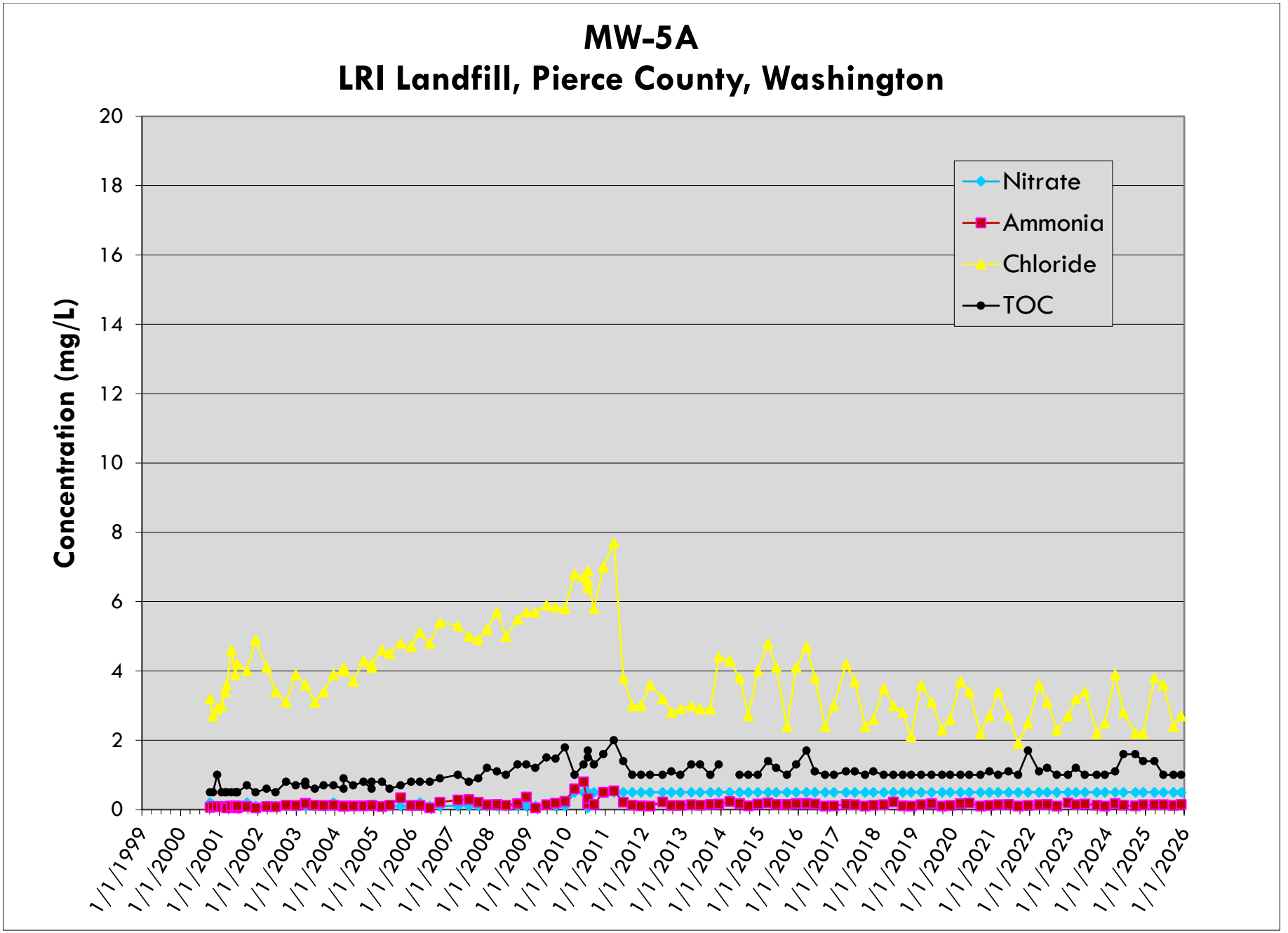

MW-1A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
20
18
16
14
12
10
8
6
4
2
0
Nitrate
Ammonia
Chloride
TOC
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


MW-2A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
20
18
16
14
12
10
8
6
4
2
0
Nitrate
Ammonia
Chloride
TOC
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

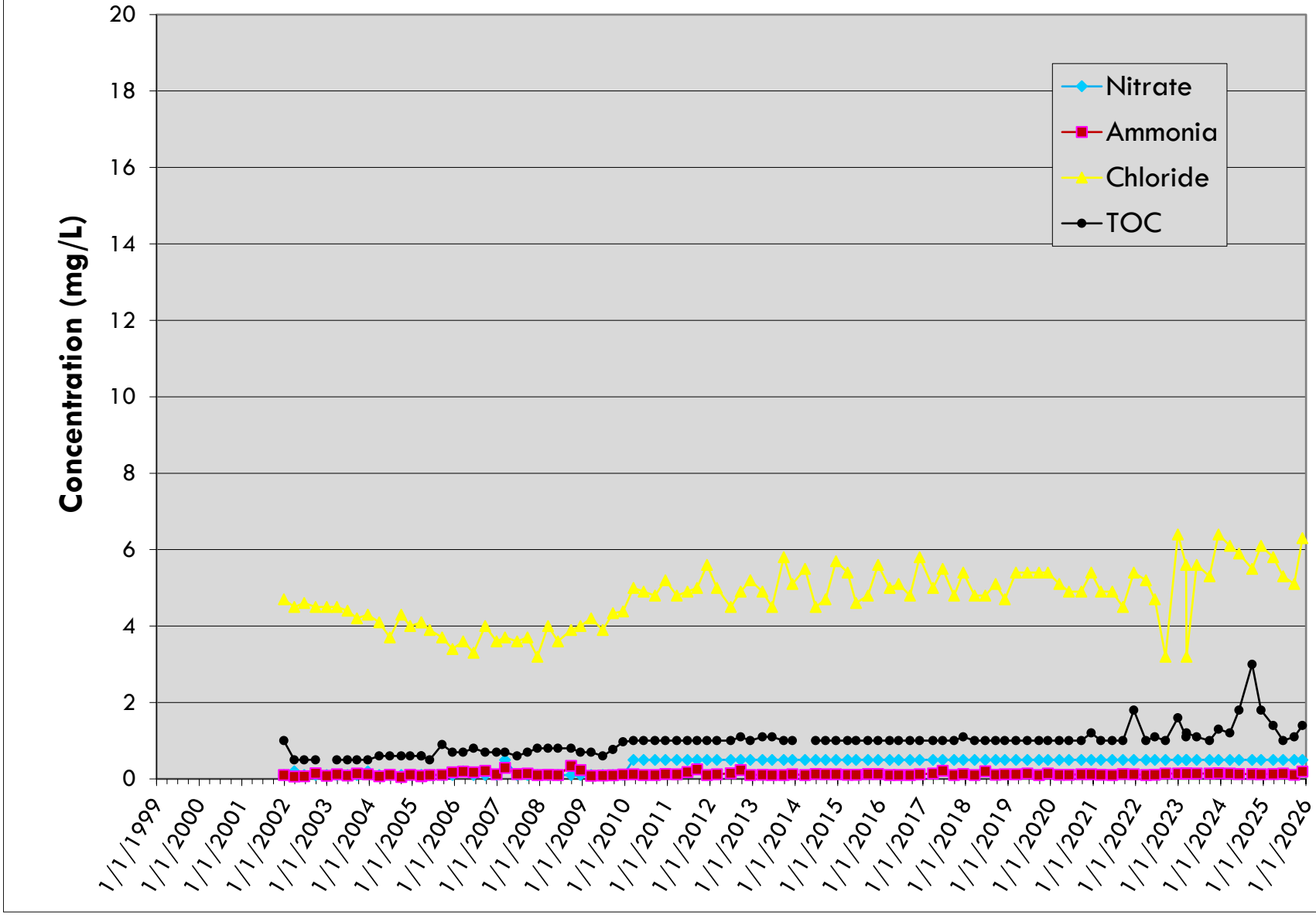

MW-3
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
20
18
16
14
12
10
8
6
4
2
0
Nitrate
Ammonia
Chloride
TOC
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

MW-4
LRI Landfill, Pierce County, Washington

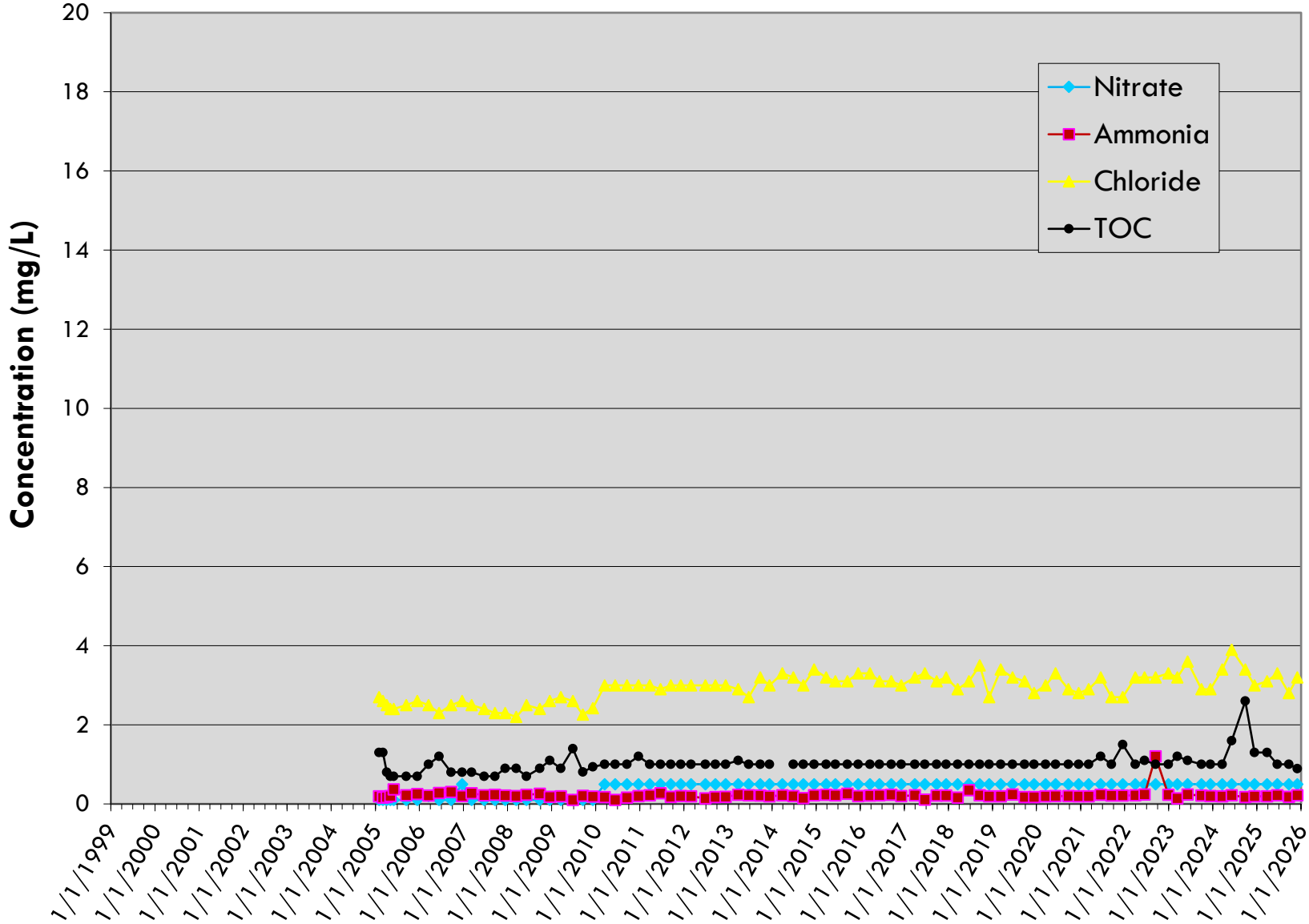


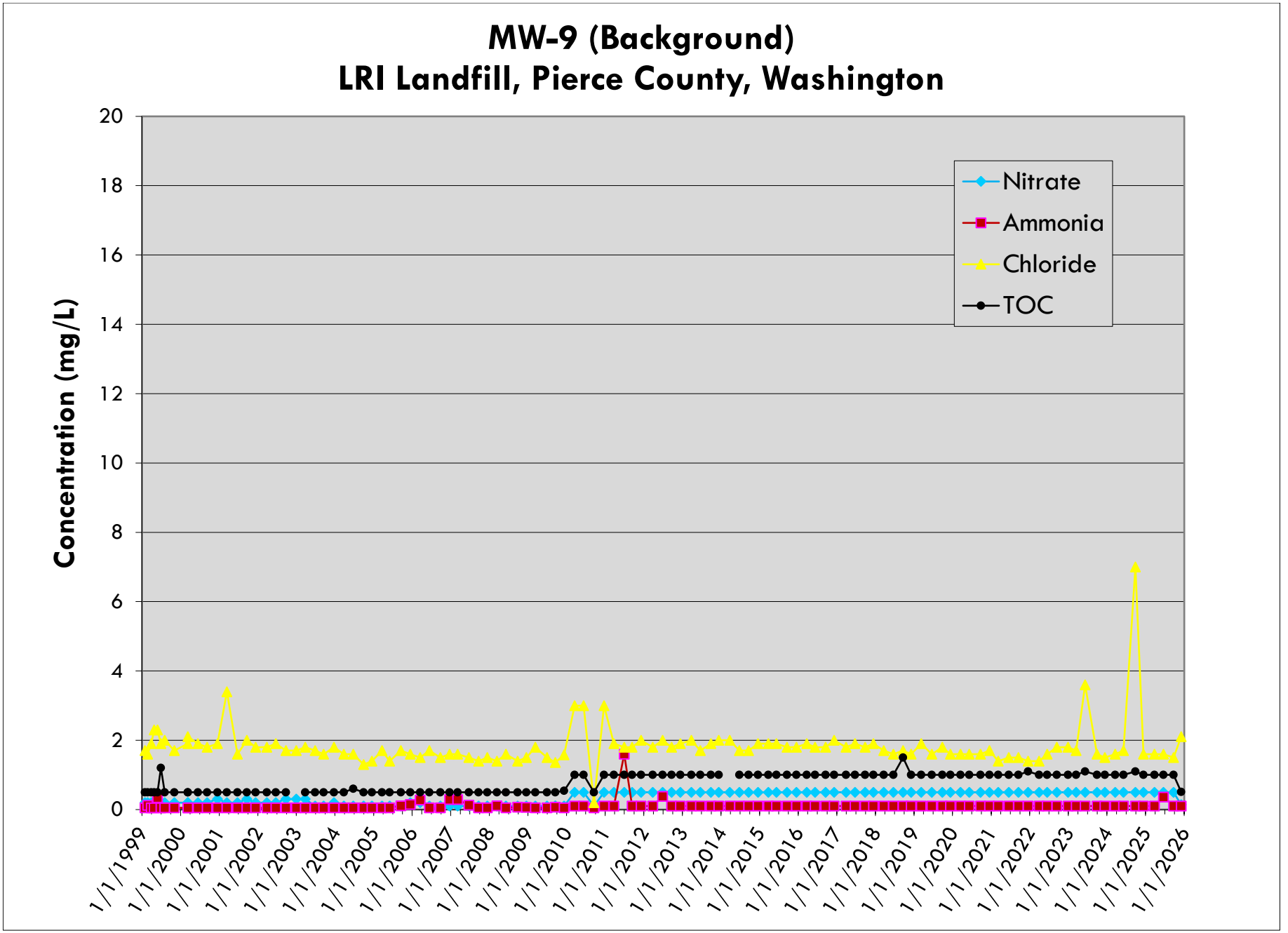

MW-5A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
20
18
16
14
12
10
8
6
4
2
0
Nitrate
Ammonia
Chloride
TOC
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

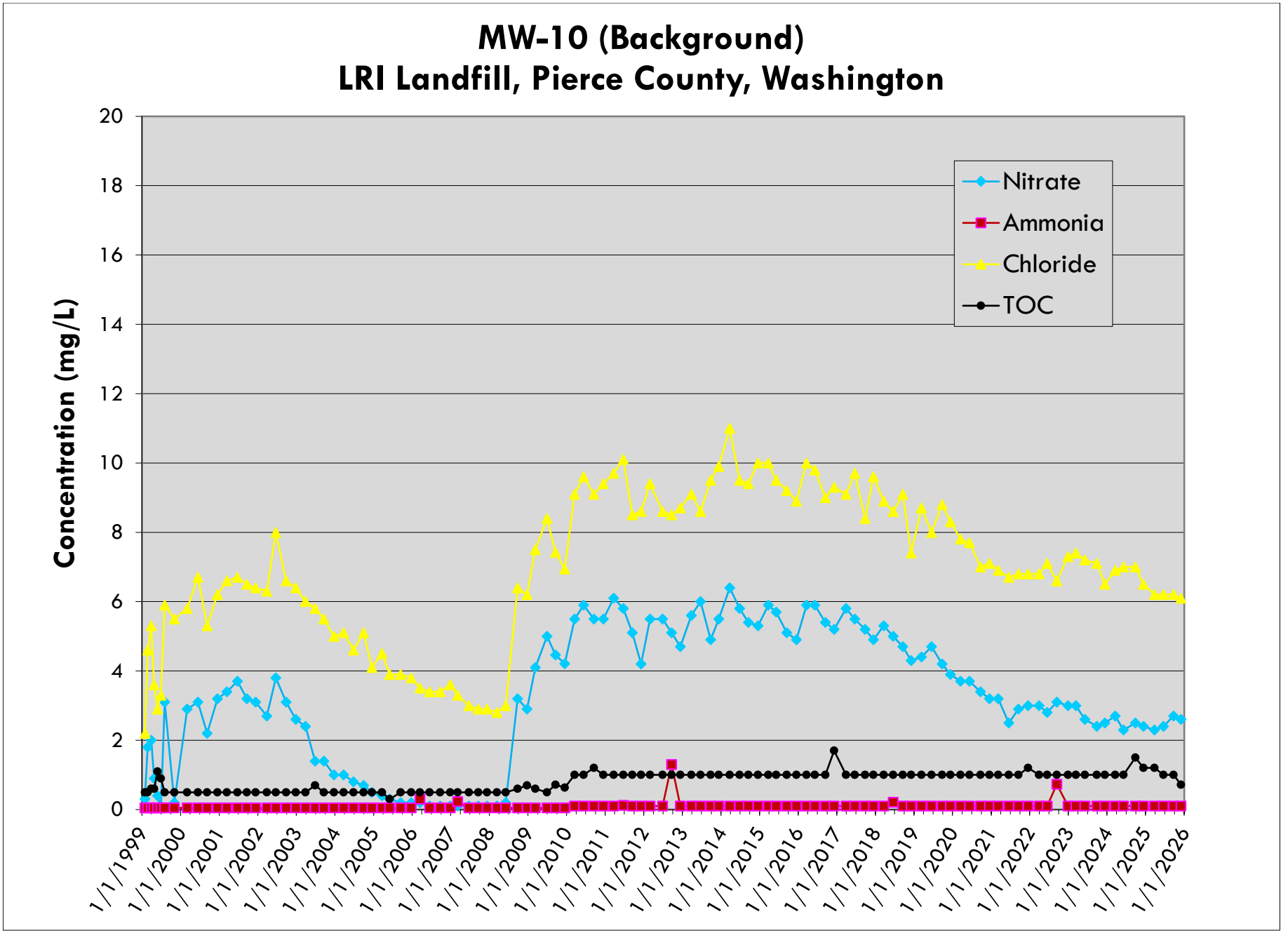
MW-6
LRI Landfill, Pierce County, Washington

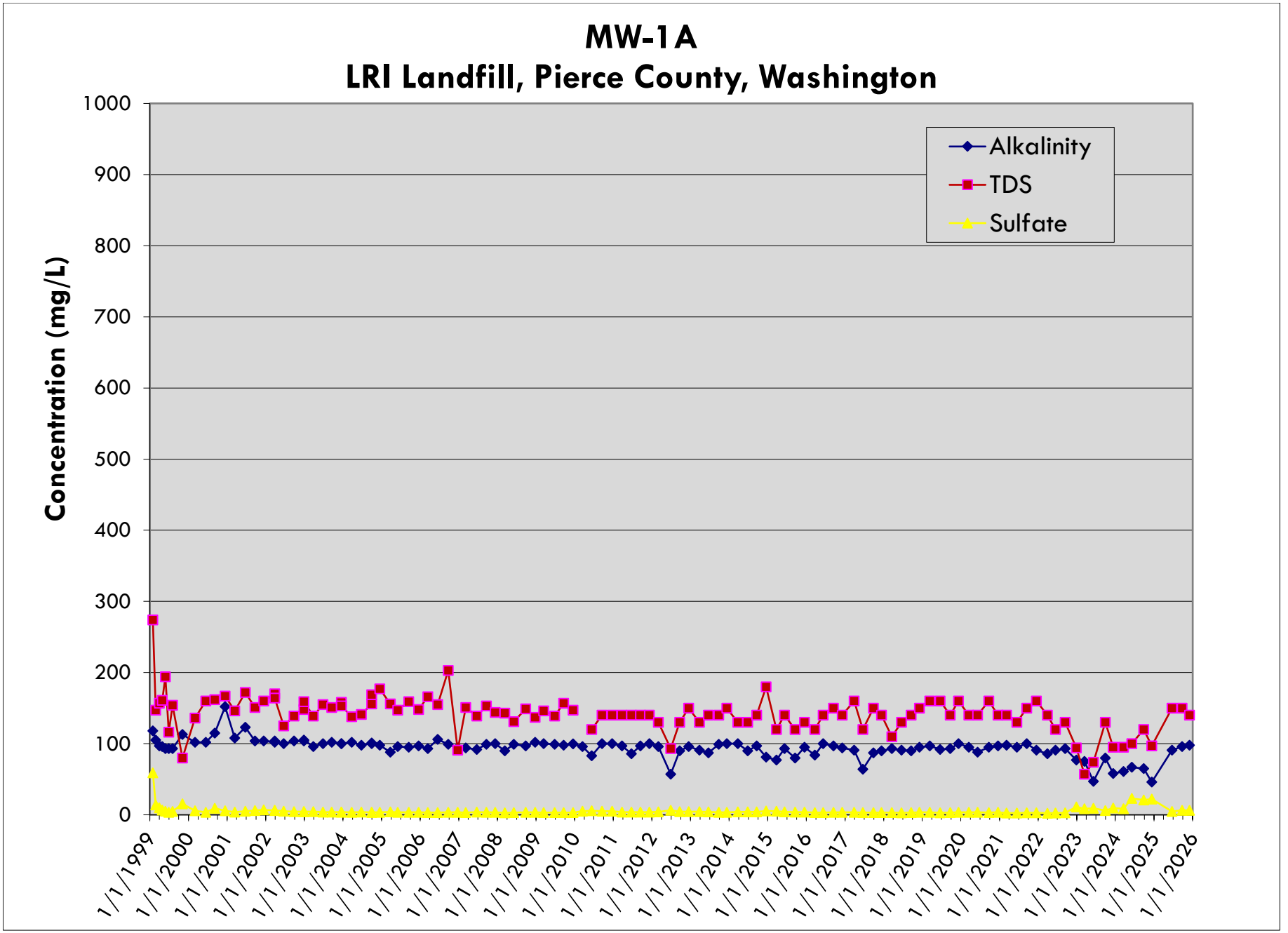


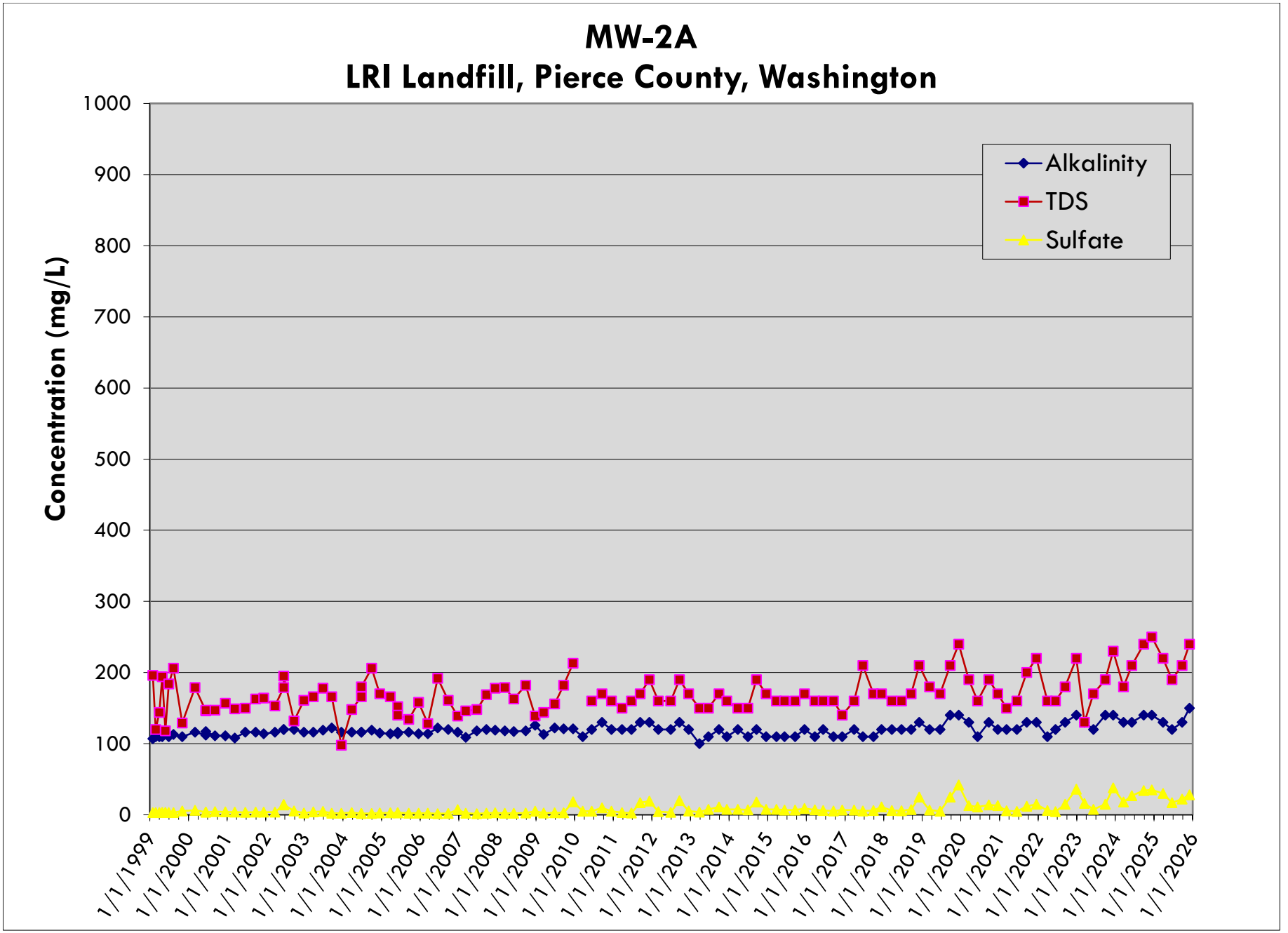
MW-7
LRI Landfill, Pierce County, Washington

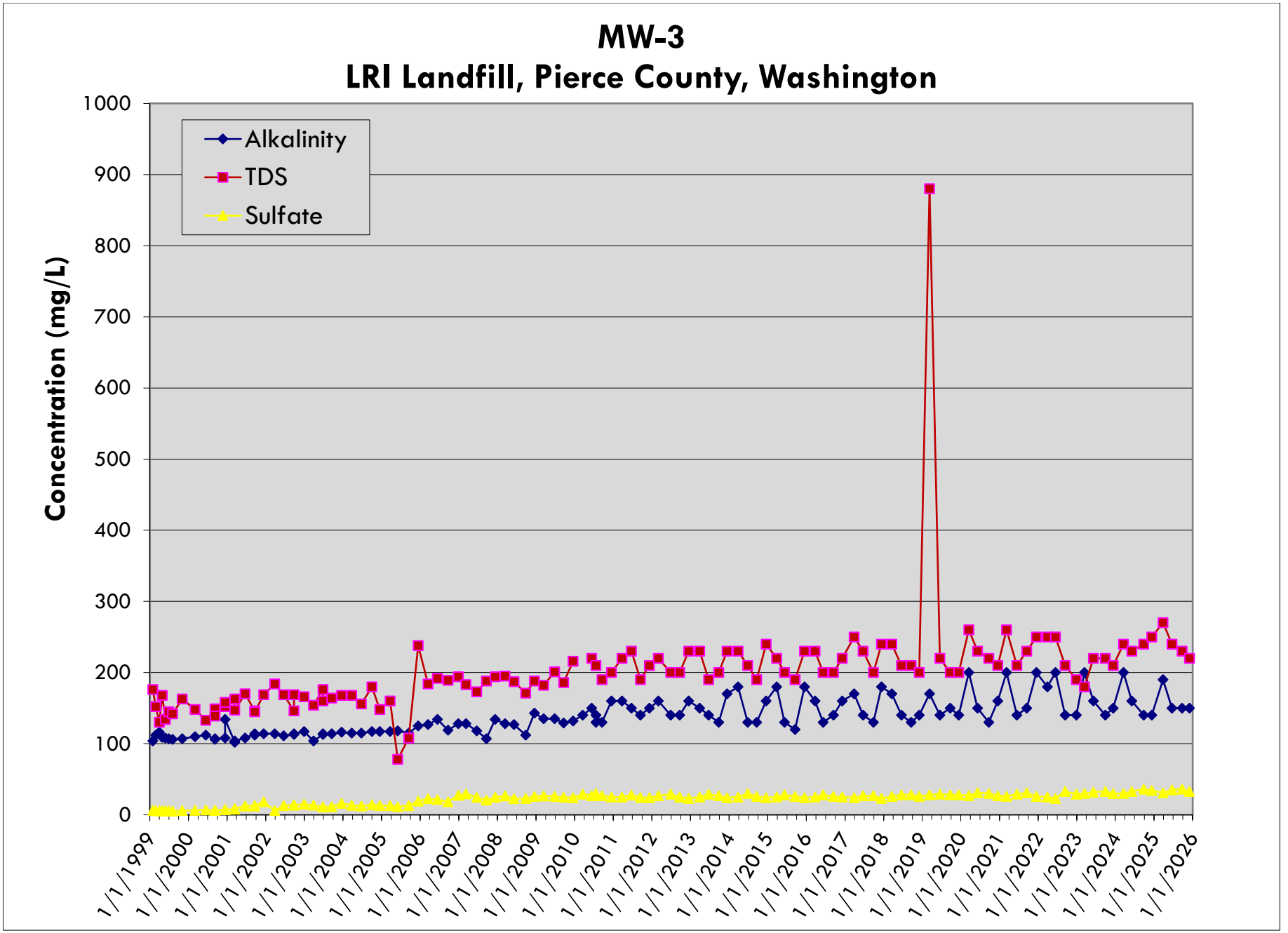


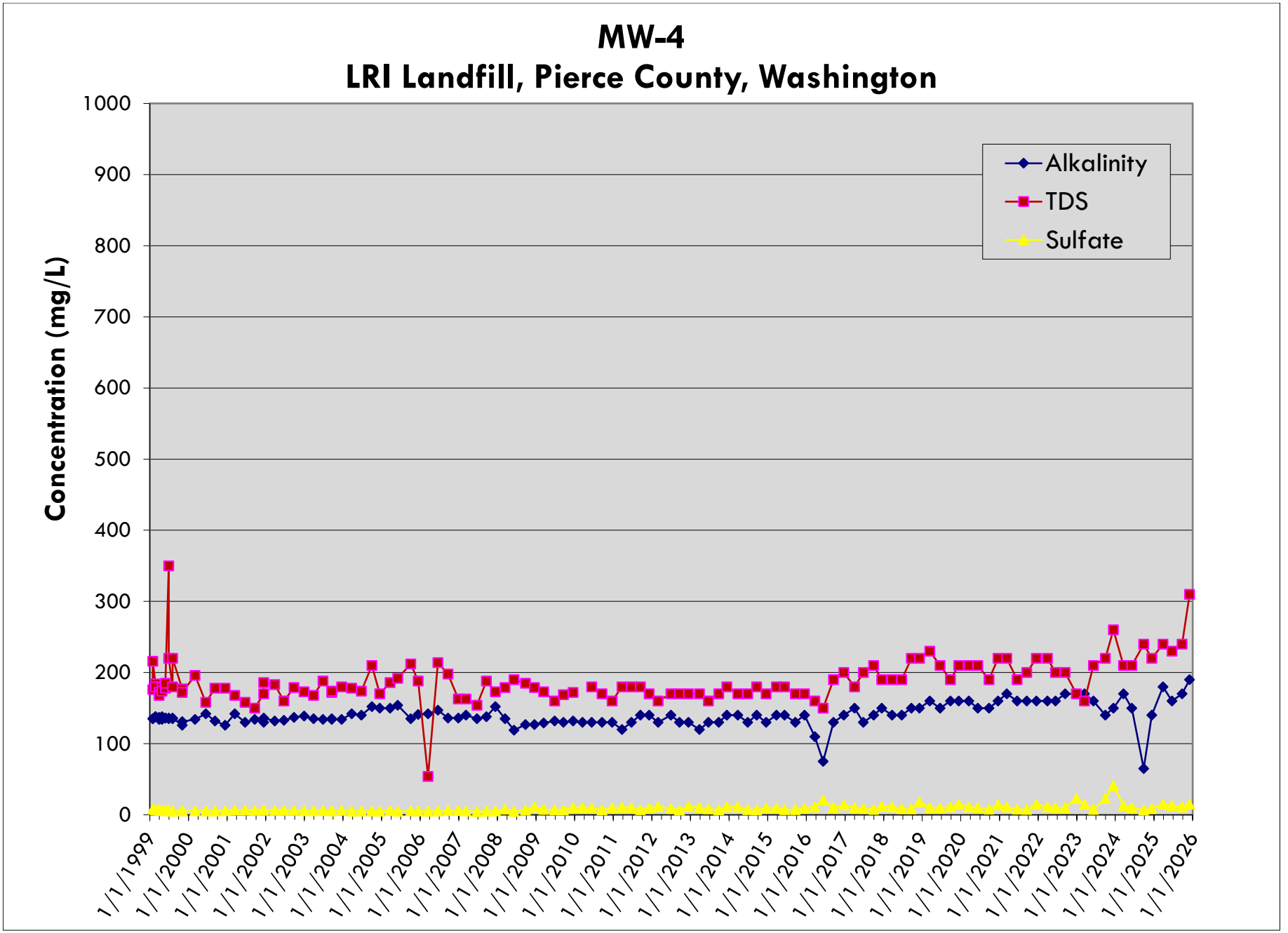

MW-9 (Background)
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
20
18
16
14
12
10
8
6
4
2
0
Nitrate
Ammonia
Chloride
TOC
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

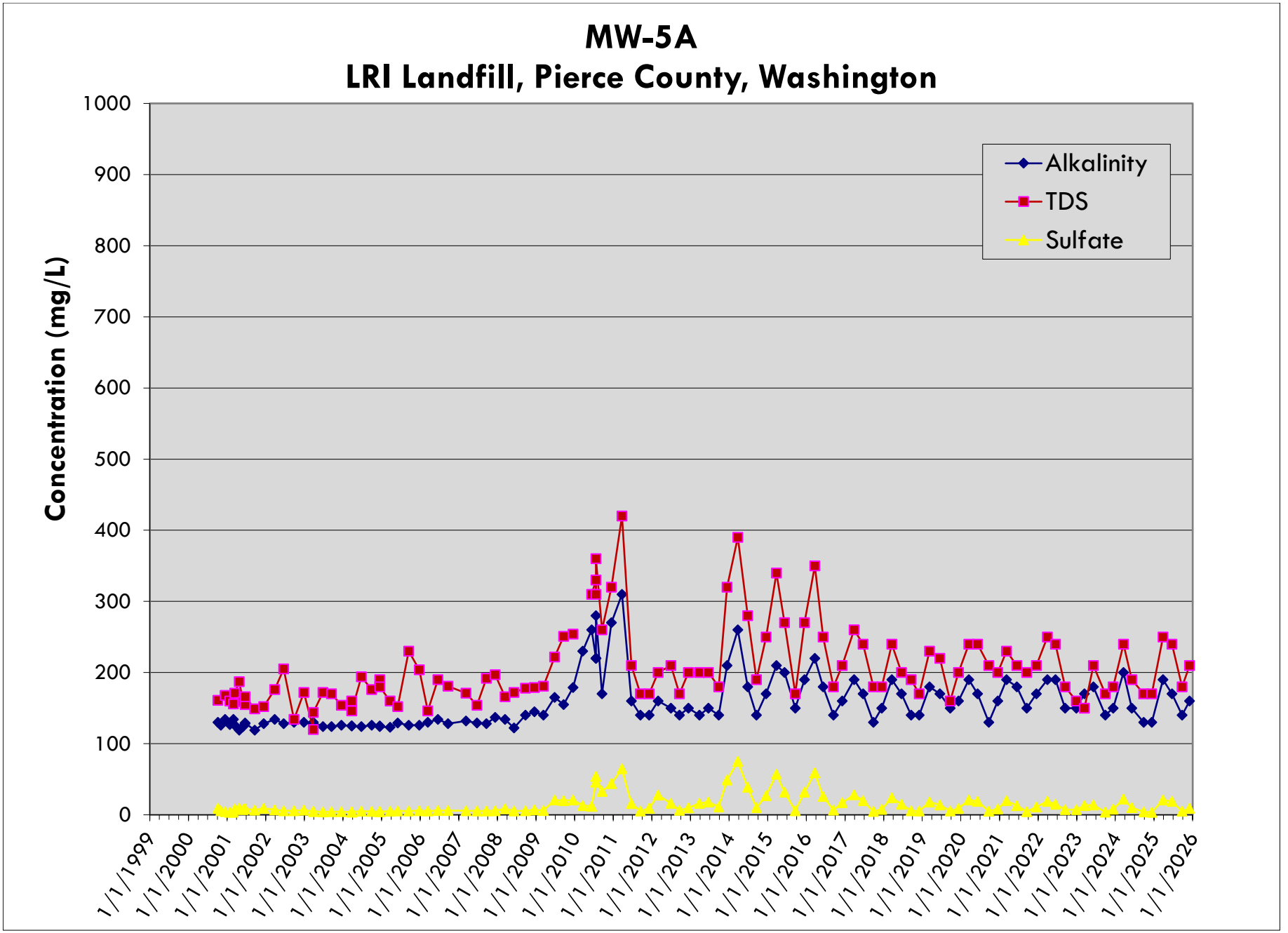

MW-10 (Background)
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
20
18
16
14
12
10
8
6
4
2
0
Nitrate
Ammonia
Chloride
TOC
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

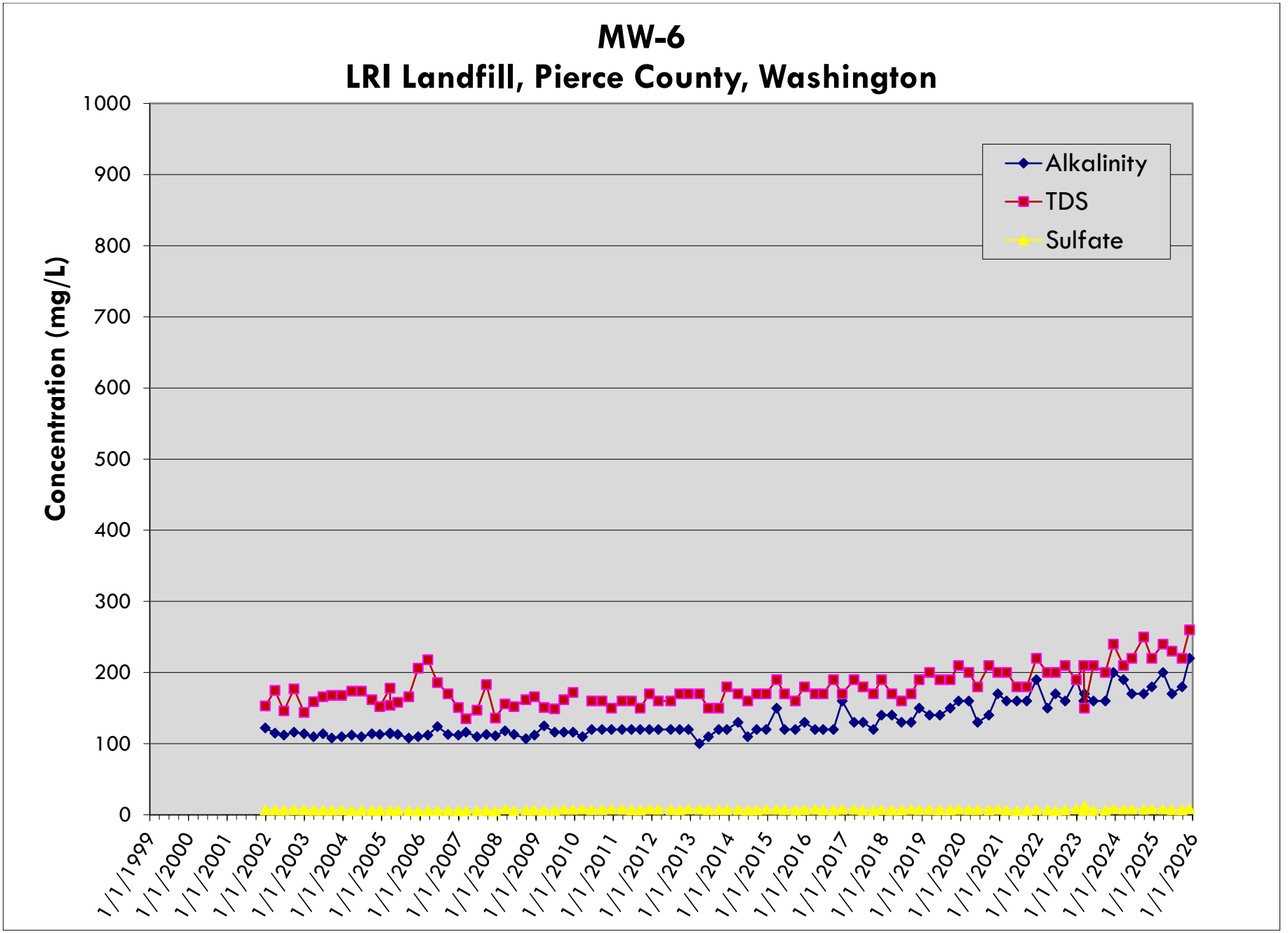

MW-1A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
Alkalinity
TDS
Sulfate
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

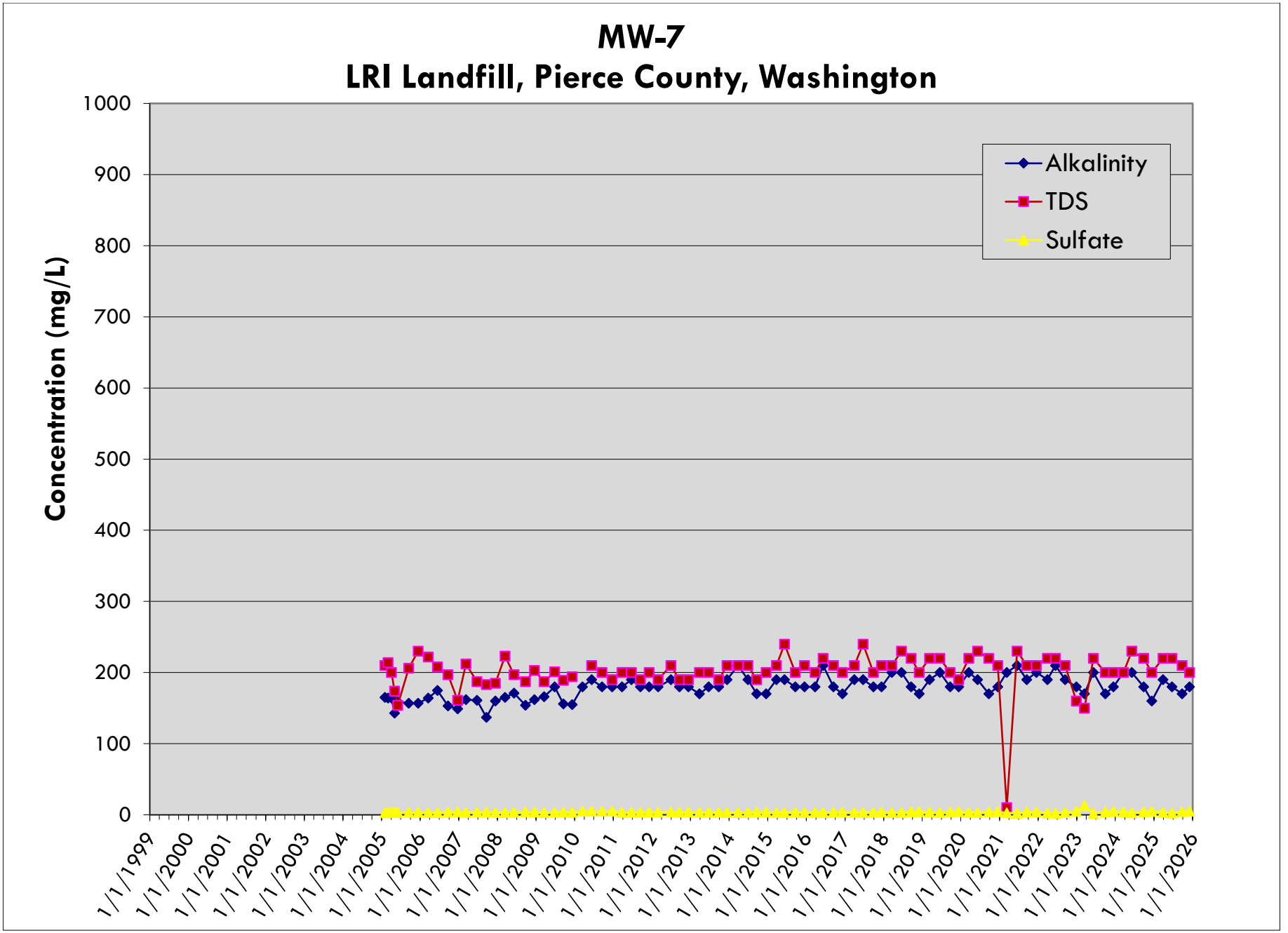

MW-2A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
Alkalinity
TDS
Sulfate
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

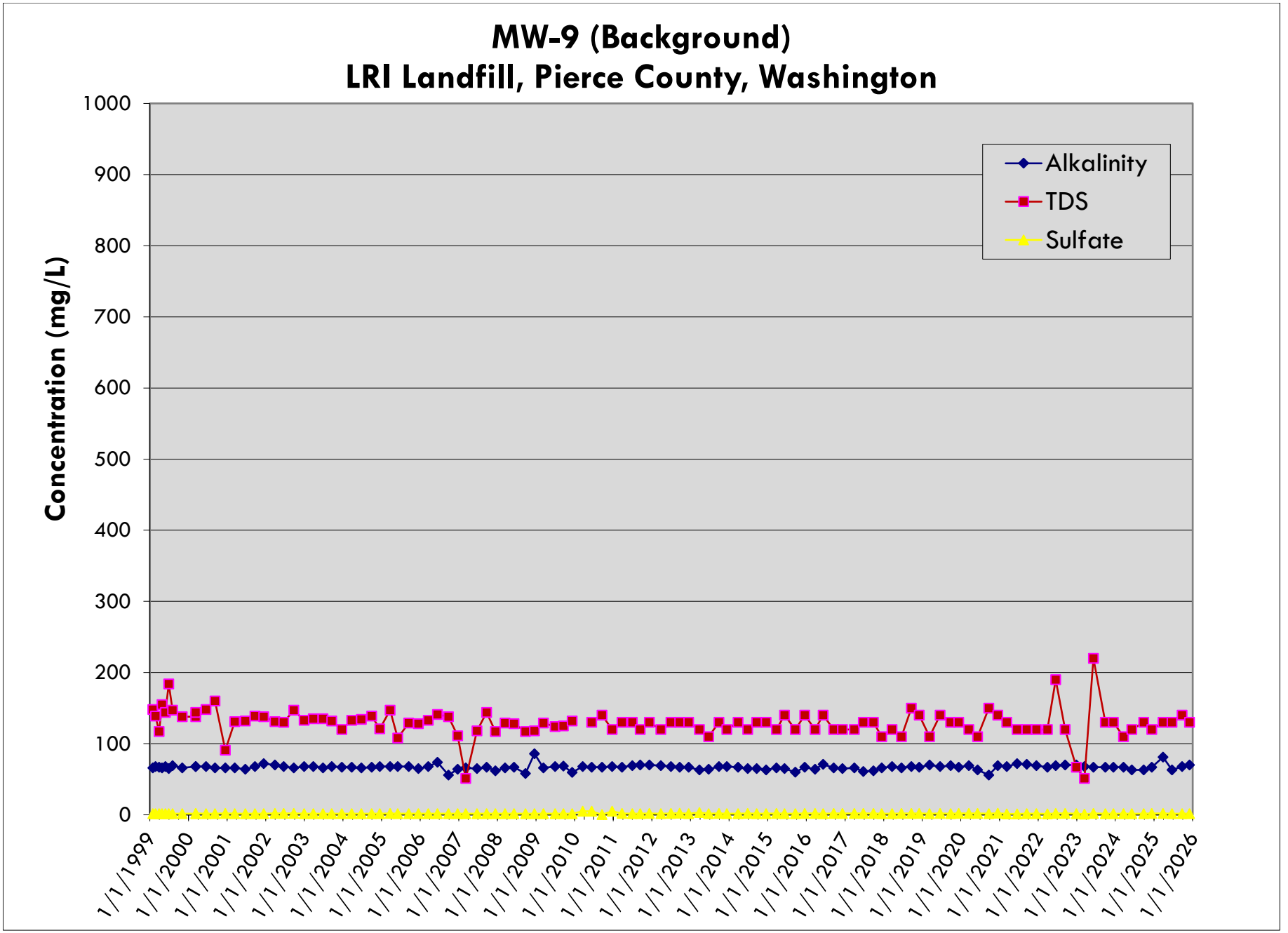

MW-3
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Alkalinity
TDS
Sulfate
1000
900
800
700
600
500
400
300
200
100
0
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

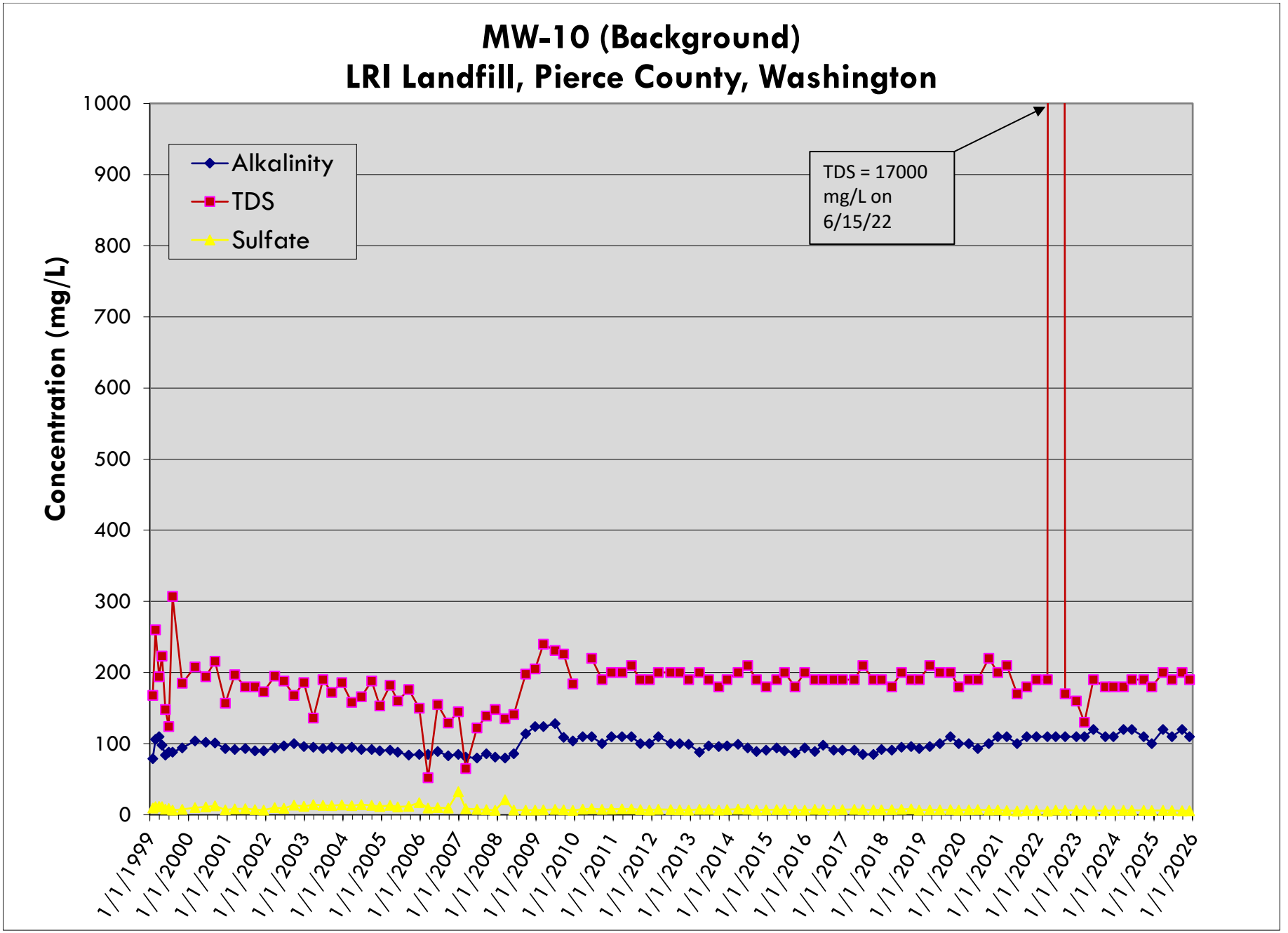

MW-4
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
Alkalinity
TDS
Sulfate
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

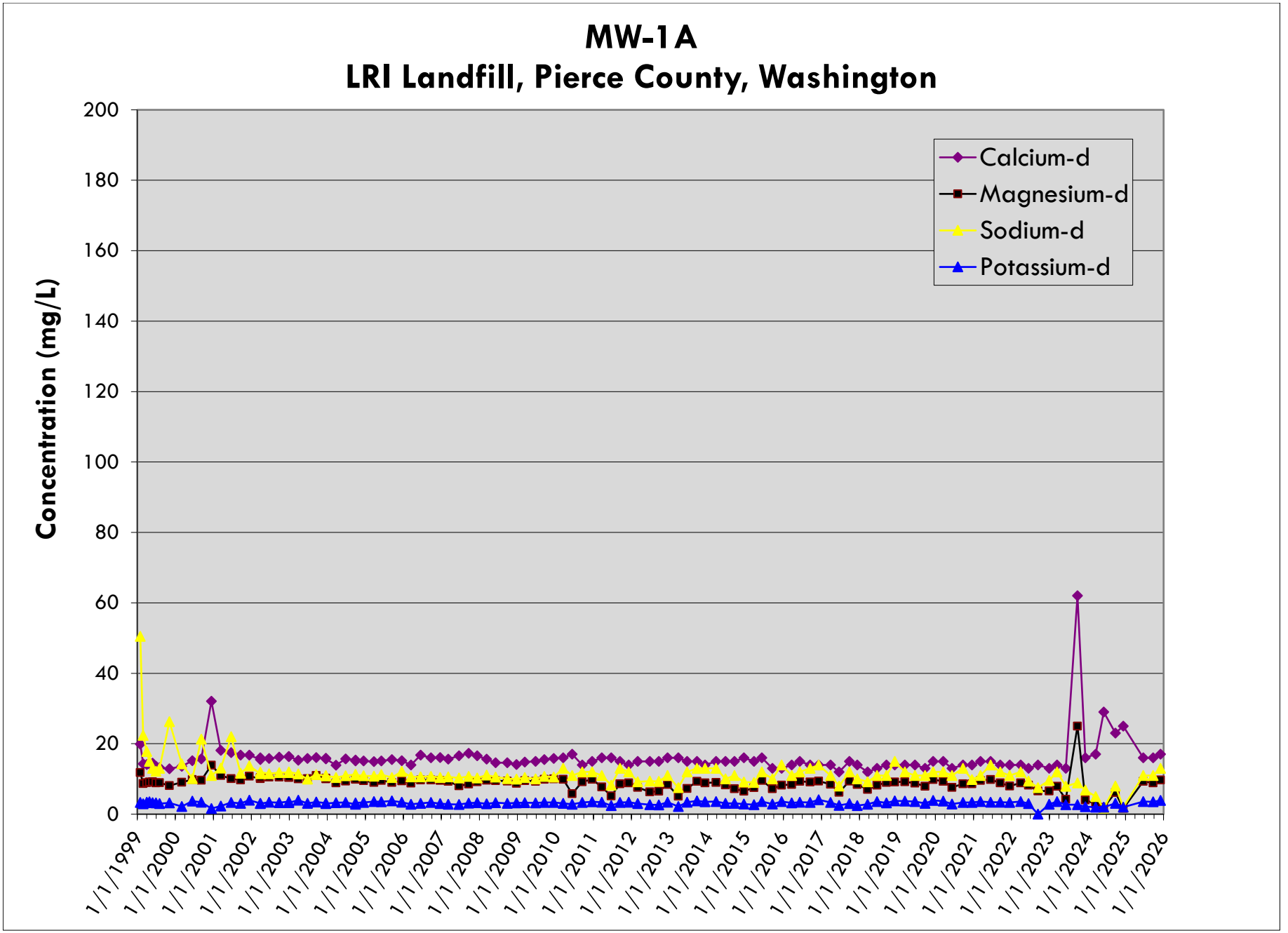

MW-5A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
Alkalinity
TDS
Sulfate
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

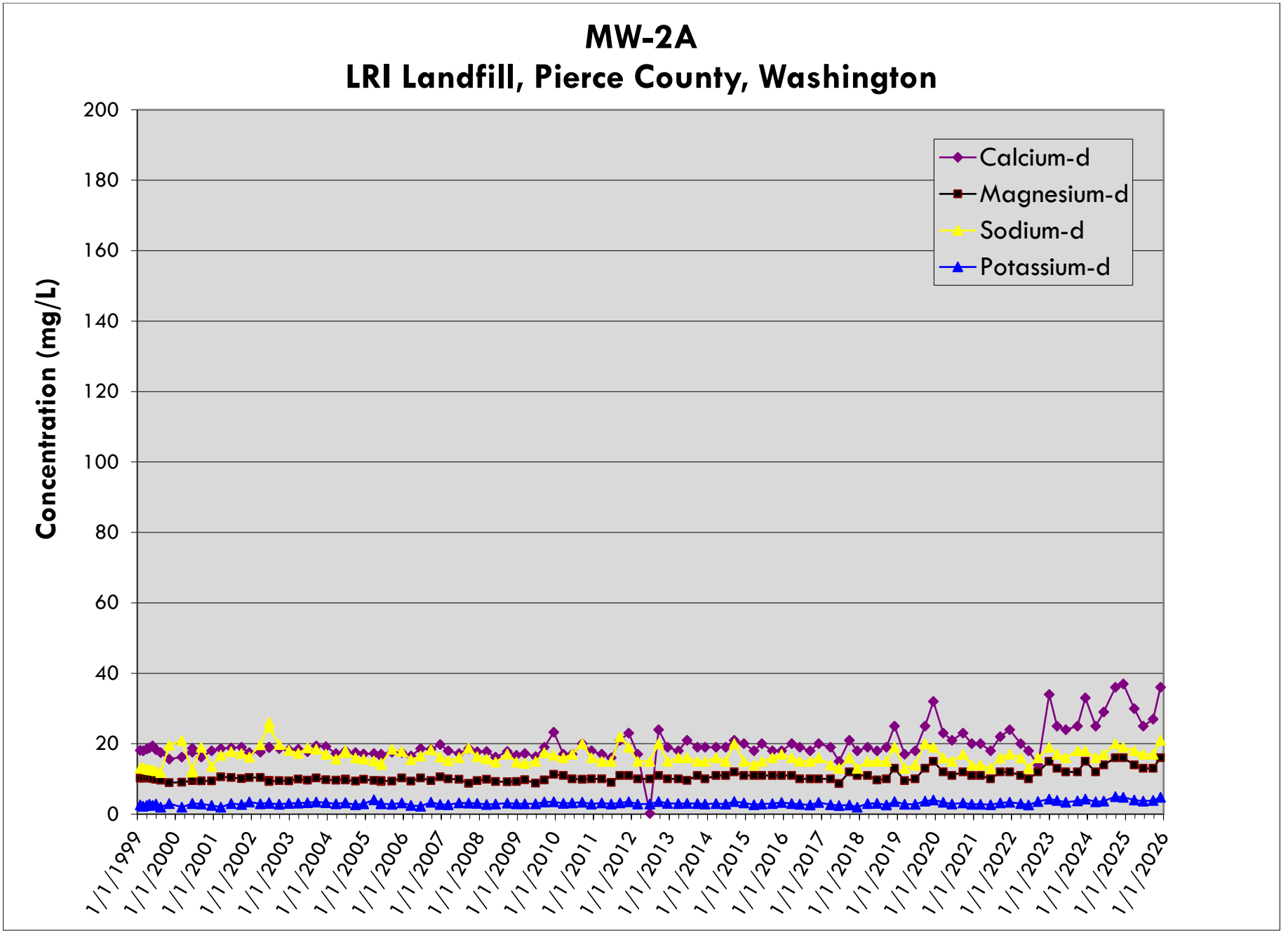

MW-6
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
Alkalinity
TDS
Sulfate
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


MW-7
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
Alkalinity
TDS
Sulfate
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

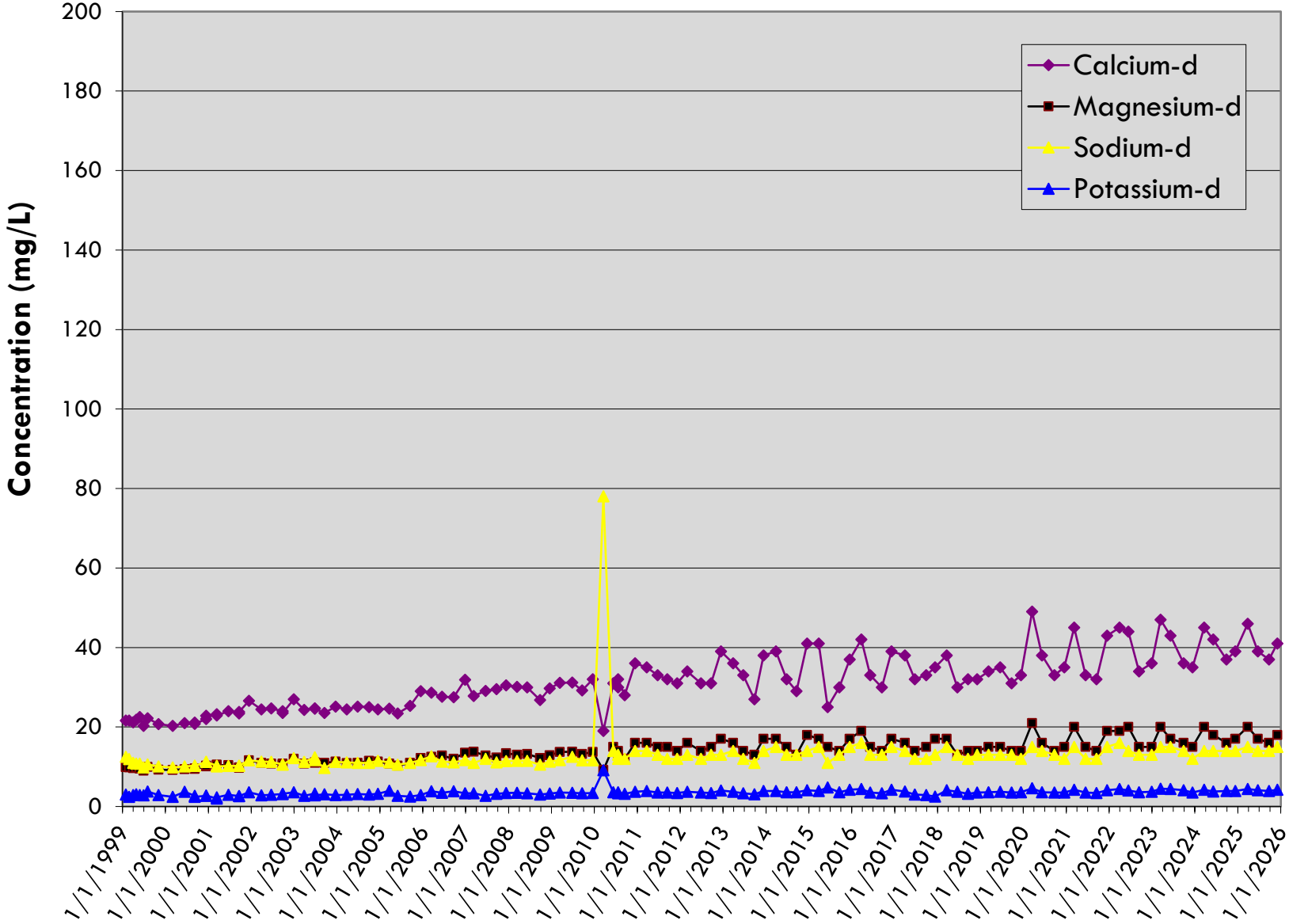

MW-9 (Background)
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
Alkalinity
TDS
Sulfate
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


MW-10 (Background)
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
Alkalinity
TDS
Sulfate
TDS = 17000 mg/L on 6/15/22
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

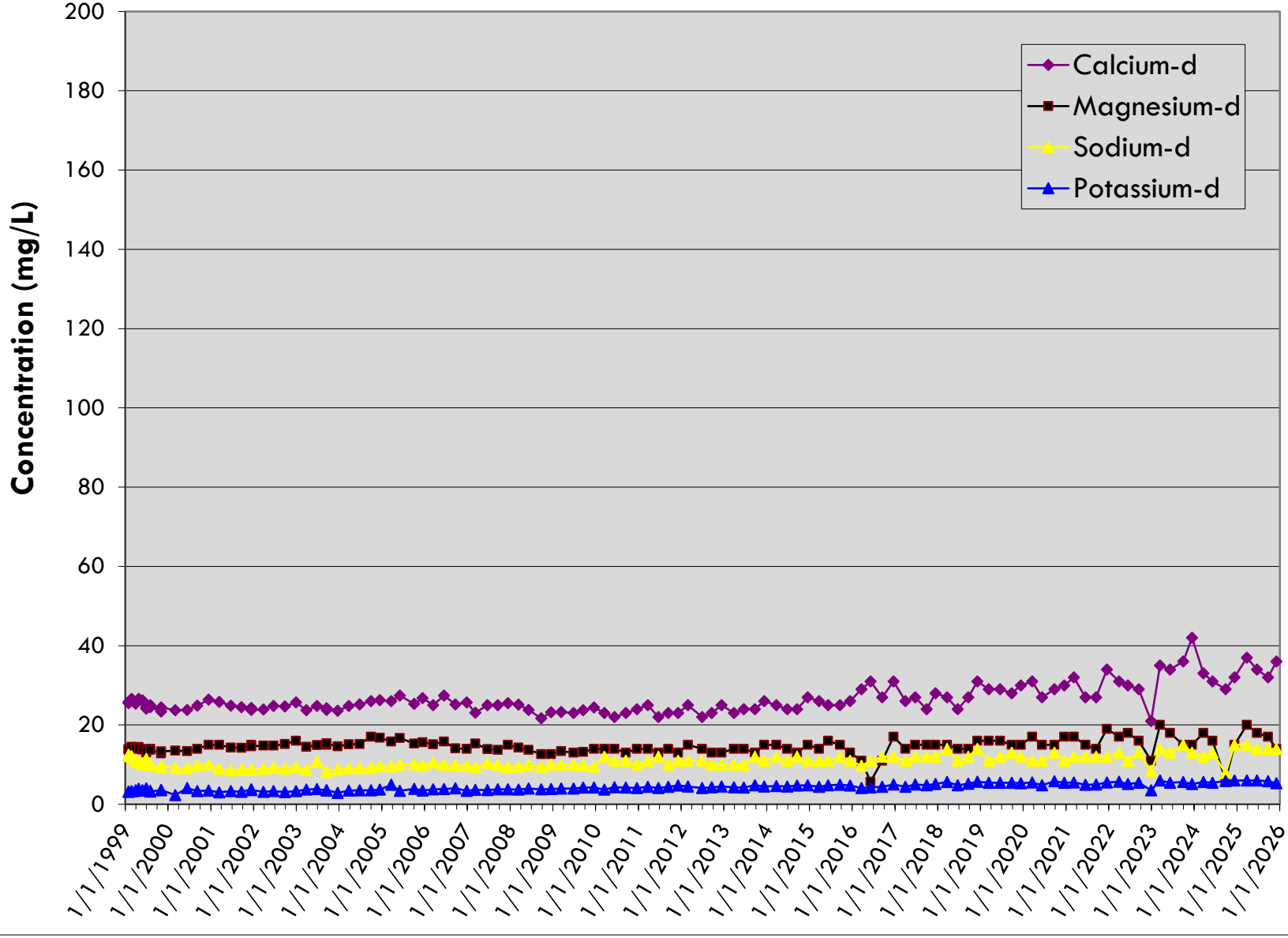

MW-1A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
Calcium-d
Magnesium-d
Sodium-d
Potassium-d
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

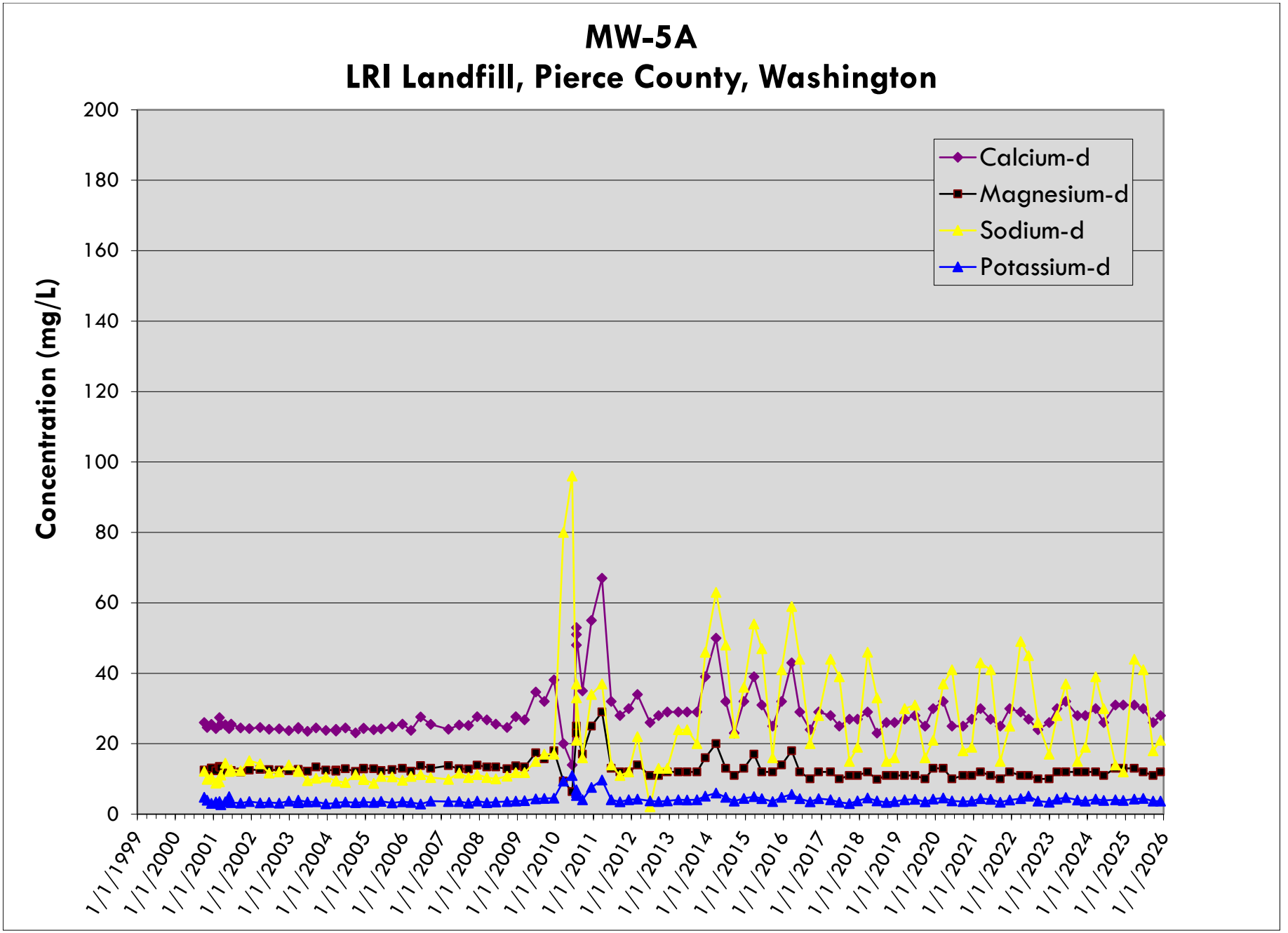

MW-2A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
Calcium-d
Magnesium-d
Sodium-d
Potassium-d
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

MW-3
LRI Landfill, Pierce County, Washington

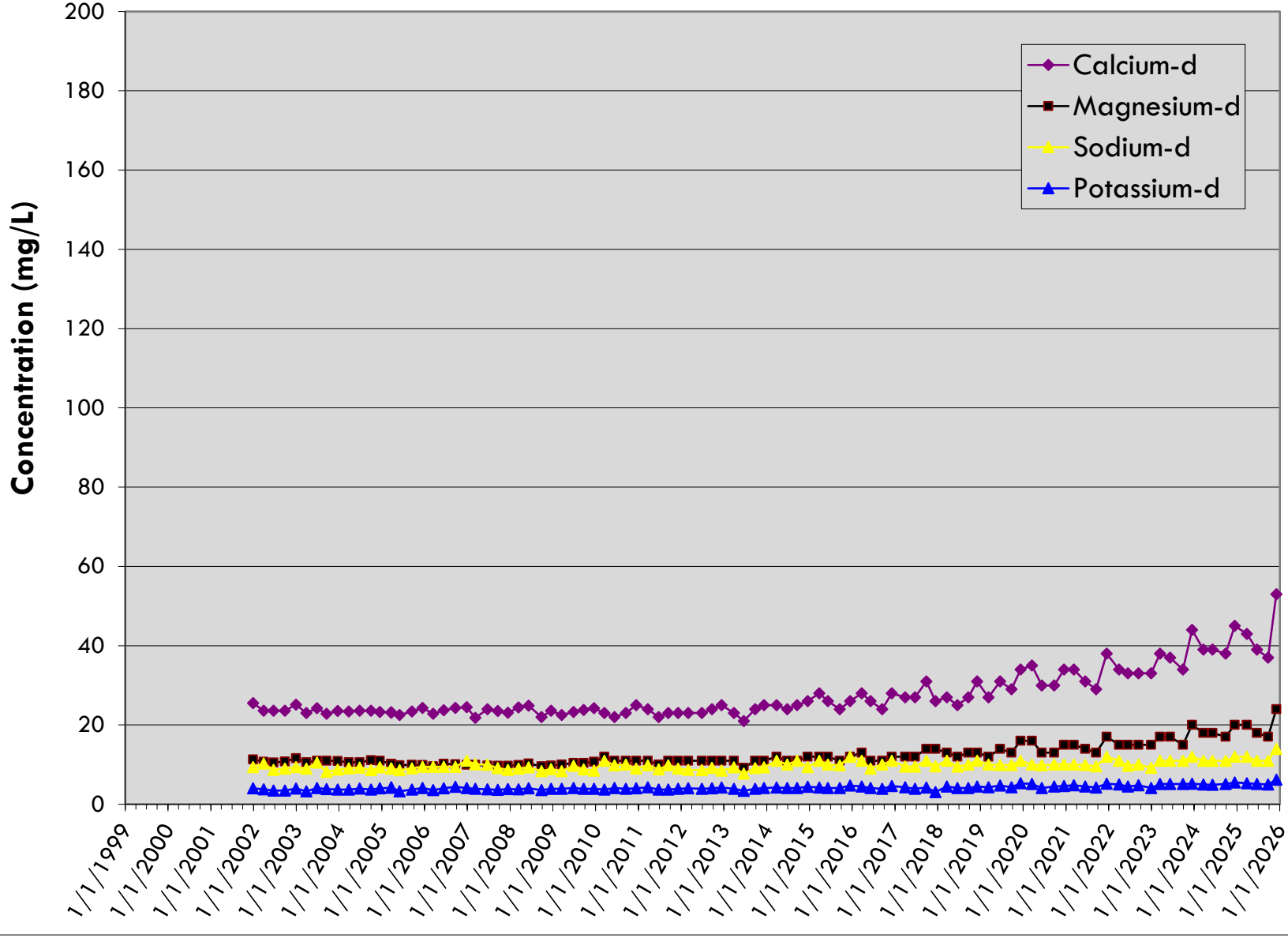


MW-4
LRI Landfill, Pierce County, Washington

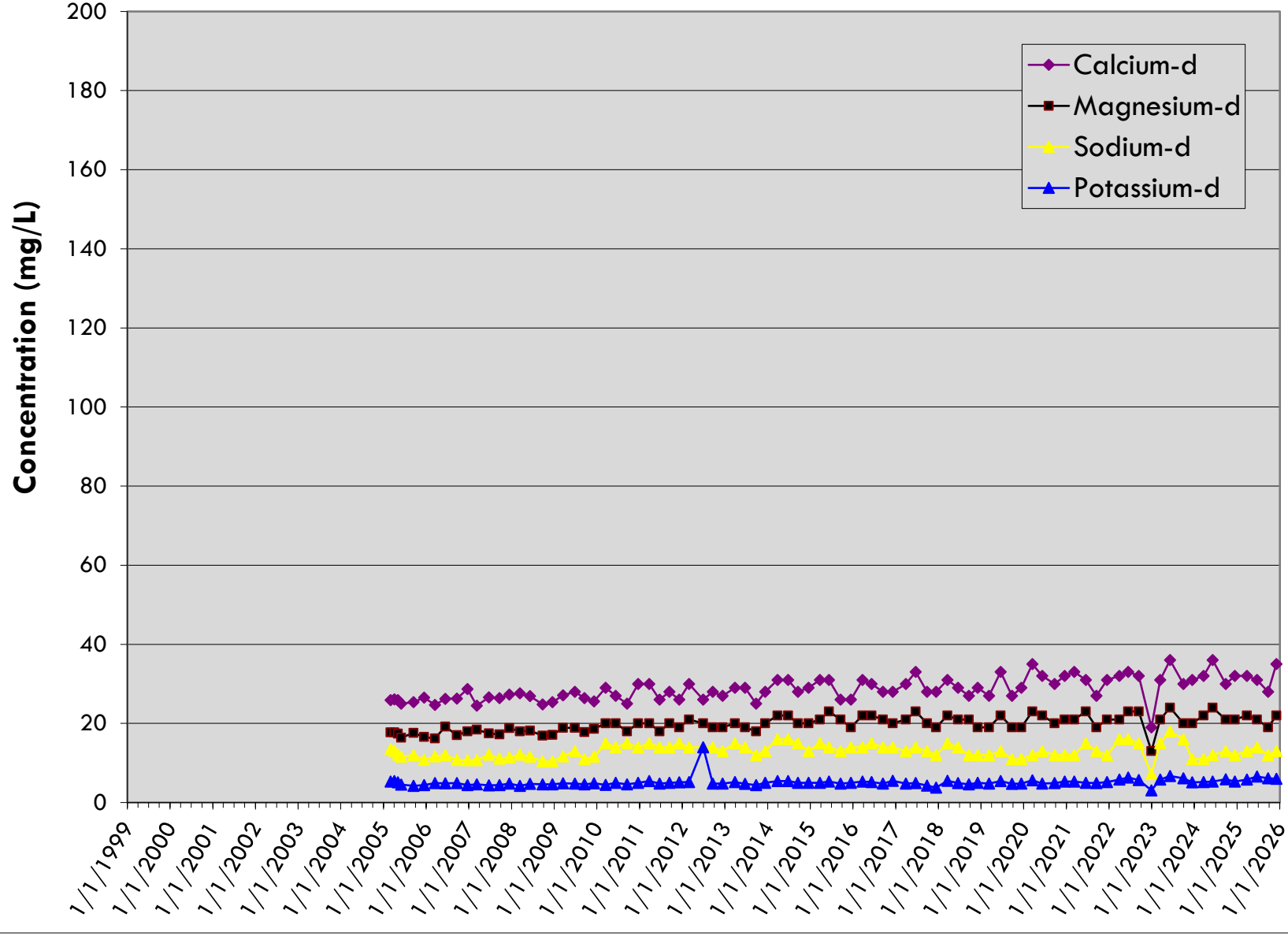


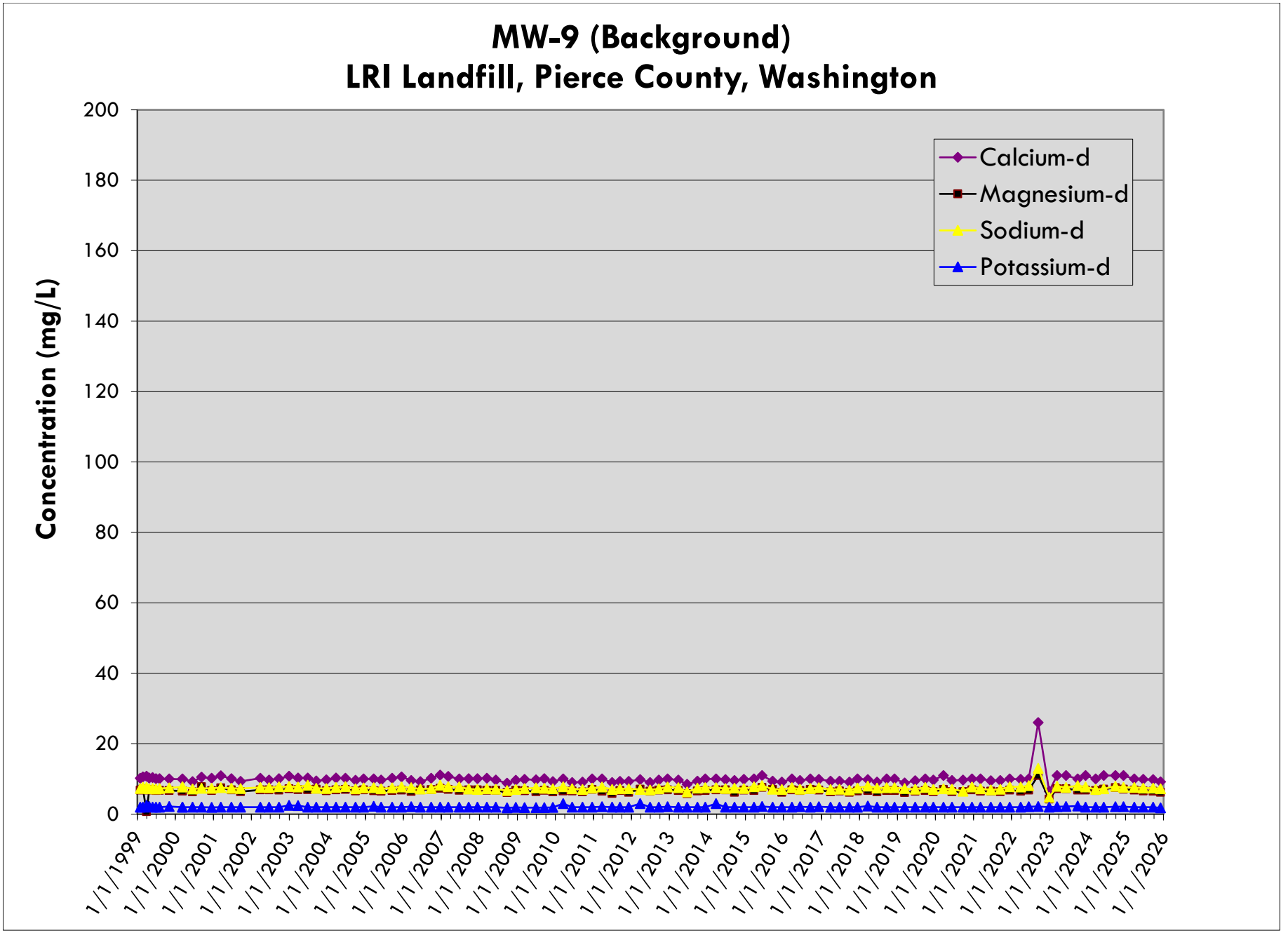

MW-5A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
Calcium-d
Magnesium-d
Sodium-d
Potassium-d
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

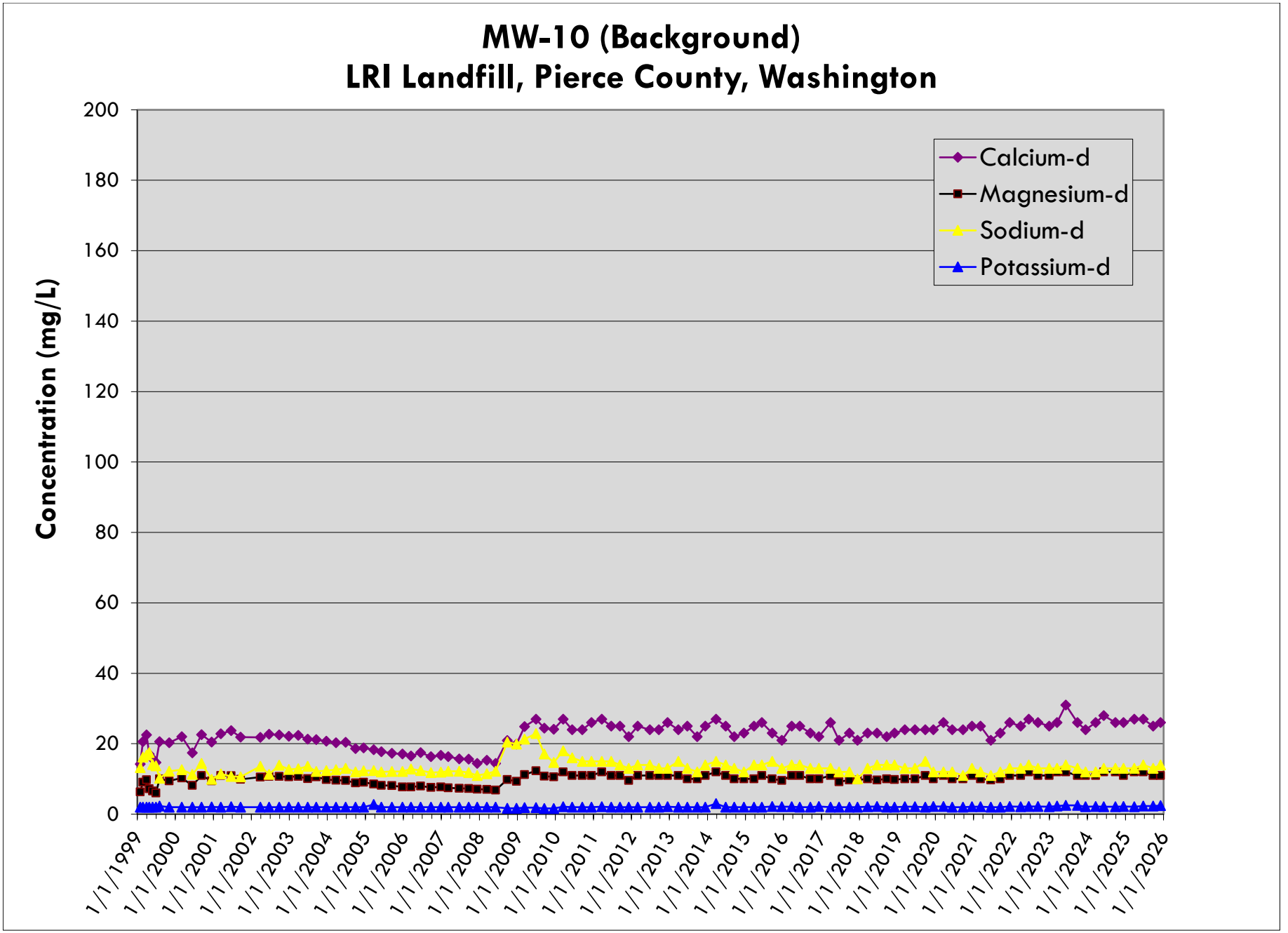
MW-6
LRI Landfill, Pierce County, Washington



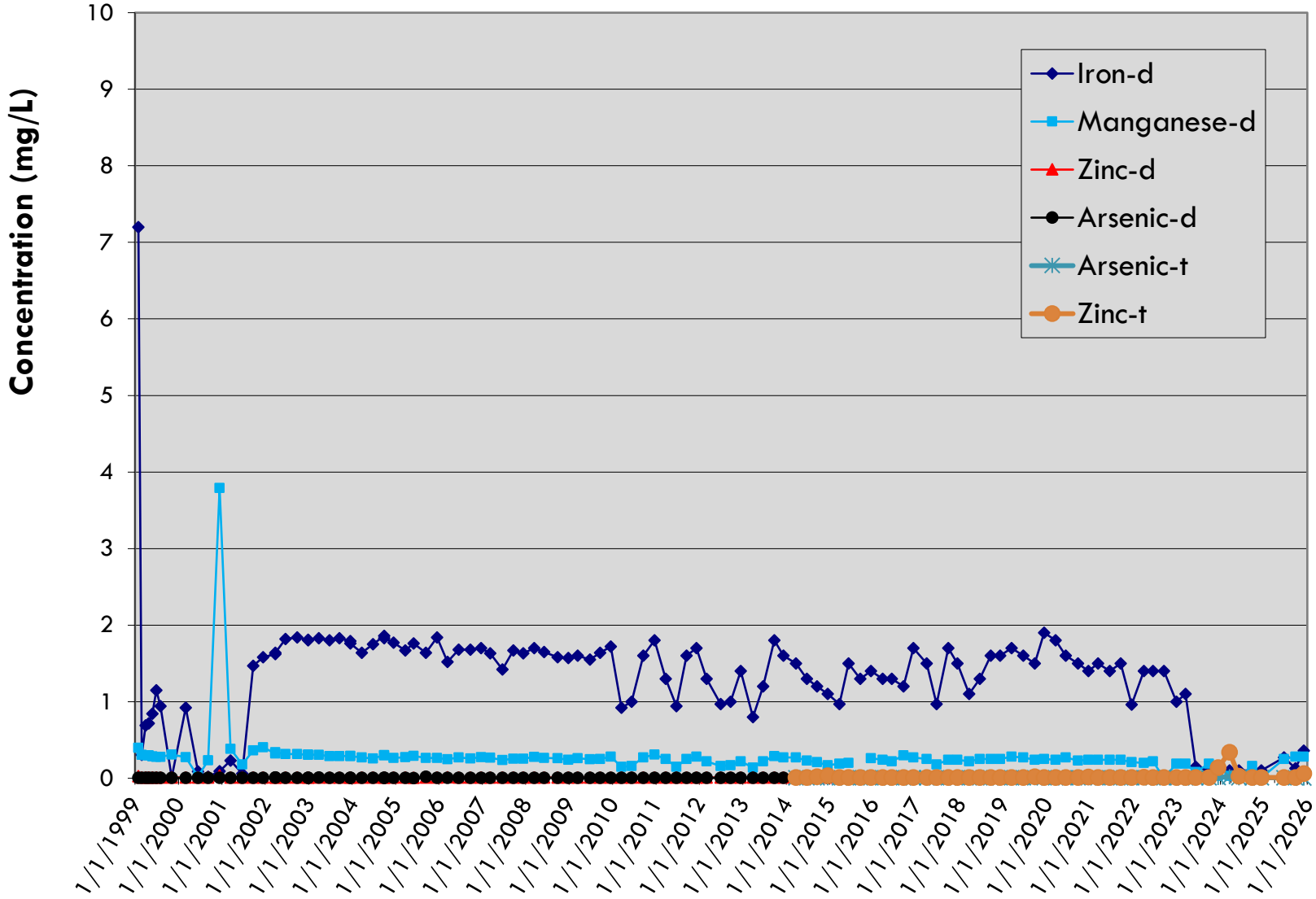
MW-7
LRI Landfill, Pierce County, Washington



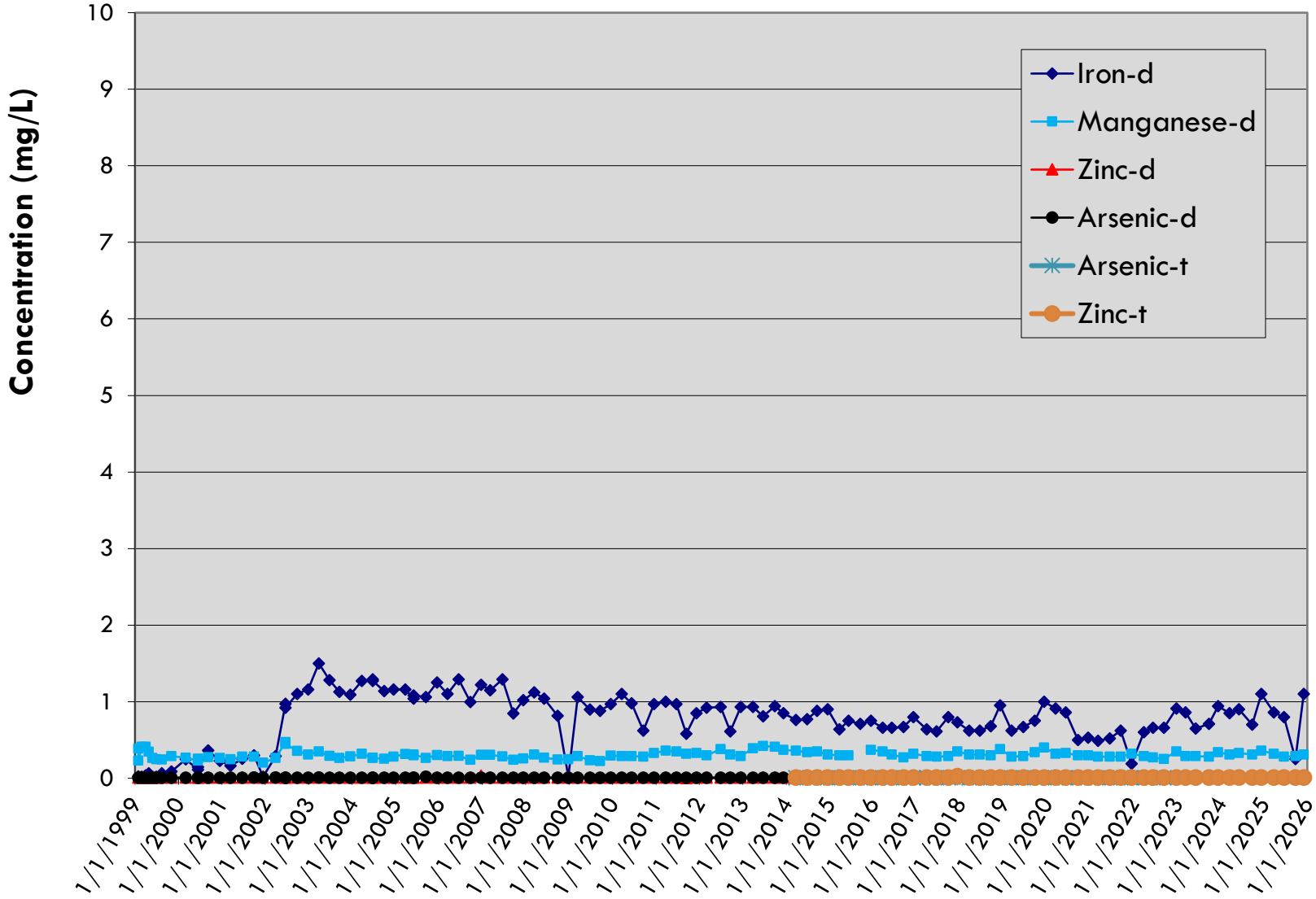

MW-9 (Background)
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
Calcium-d
Magnesium-d
Sodium-d
Potassium-d
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


MW-10 (Background)
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
200
180
160
140
120
100
80
60
40
20
0
Calcium-d
Magnesium-d
Sodium-d
Potassium-d
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

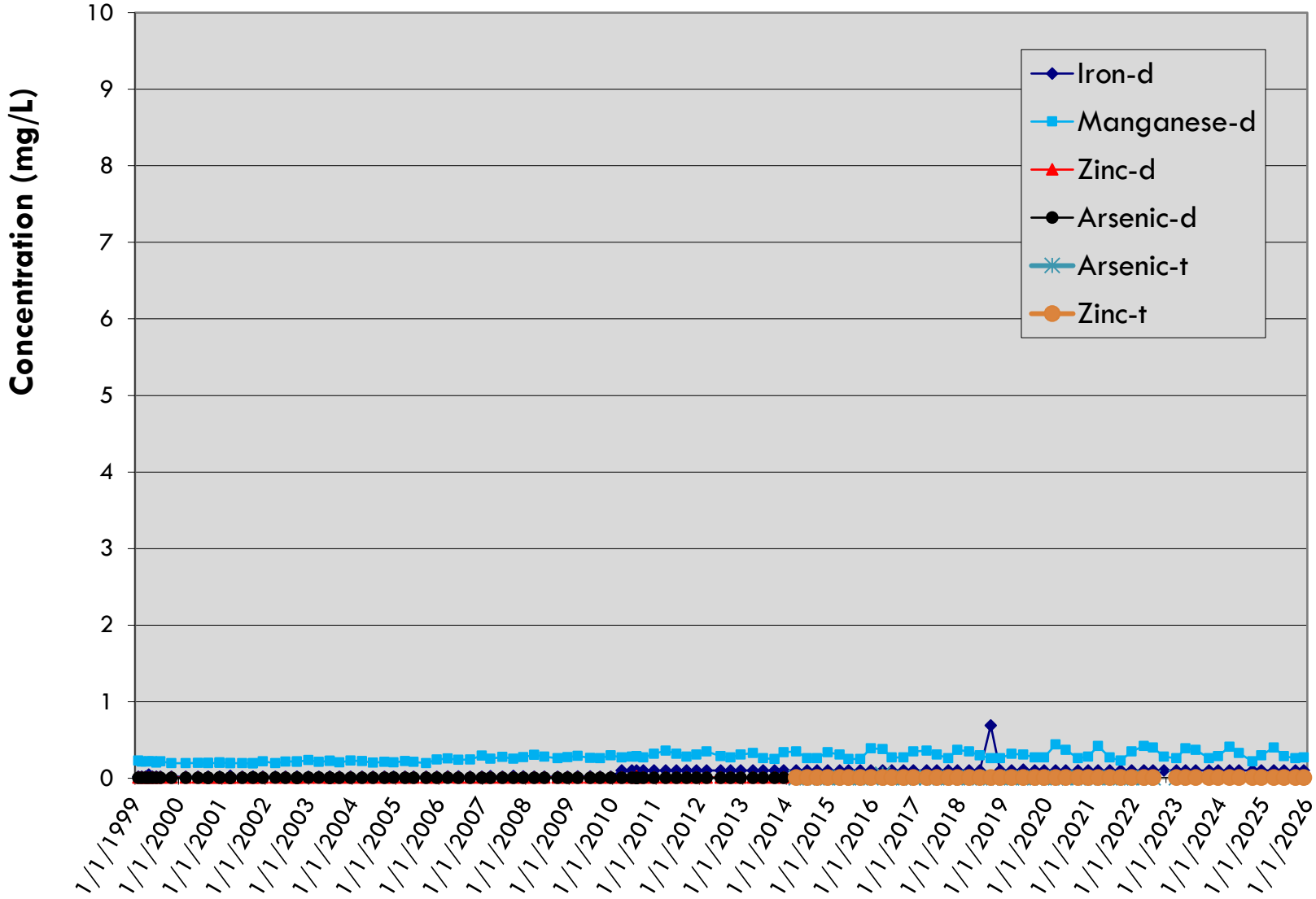
MW-1A
LRI Landfill, Pierce County, Washington



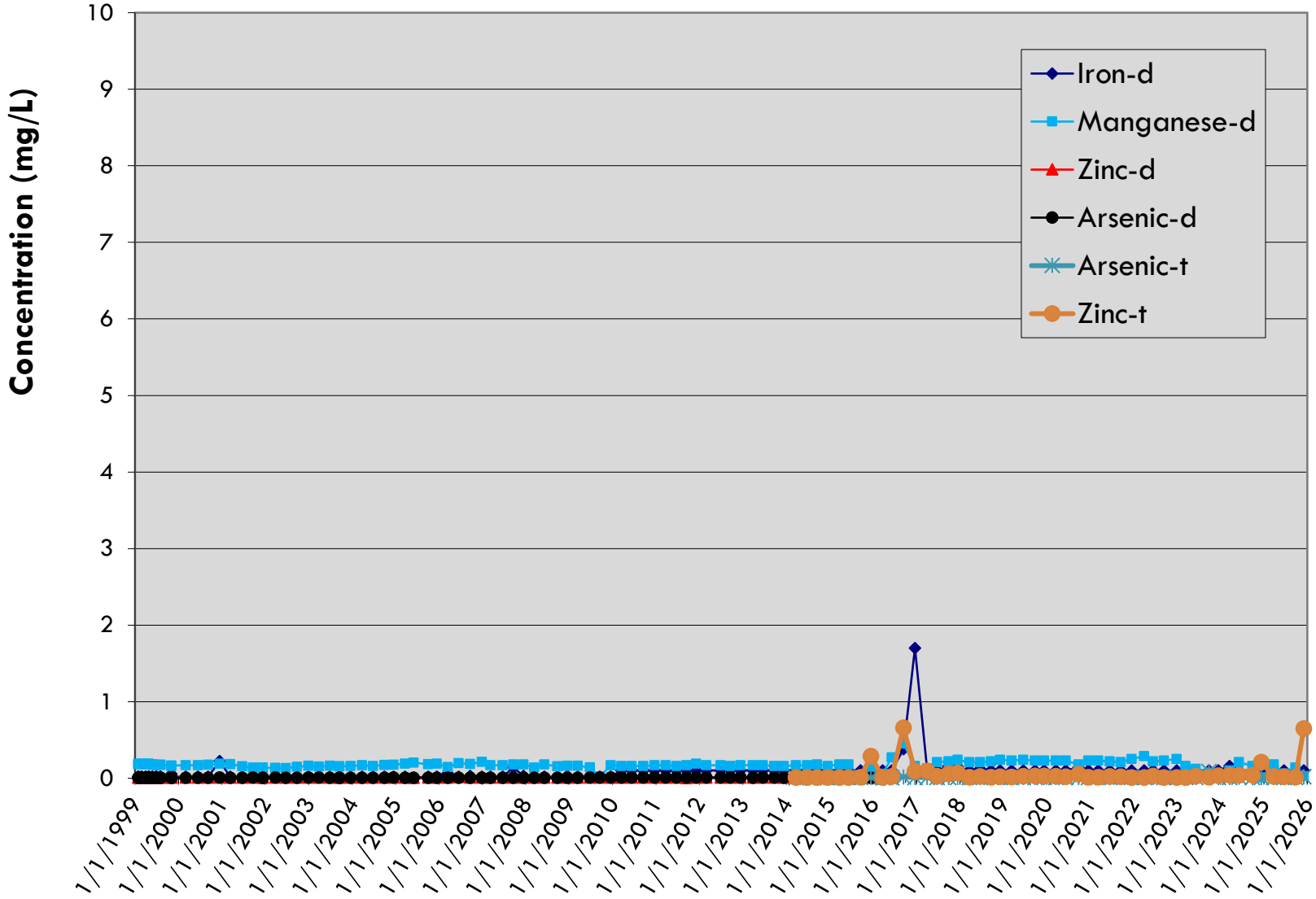
MW-2A
LRI Landfill, Pierce County, Washington



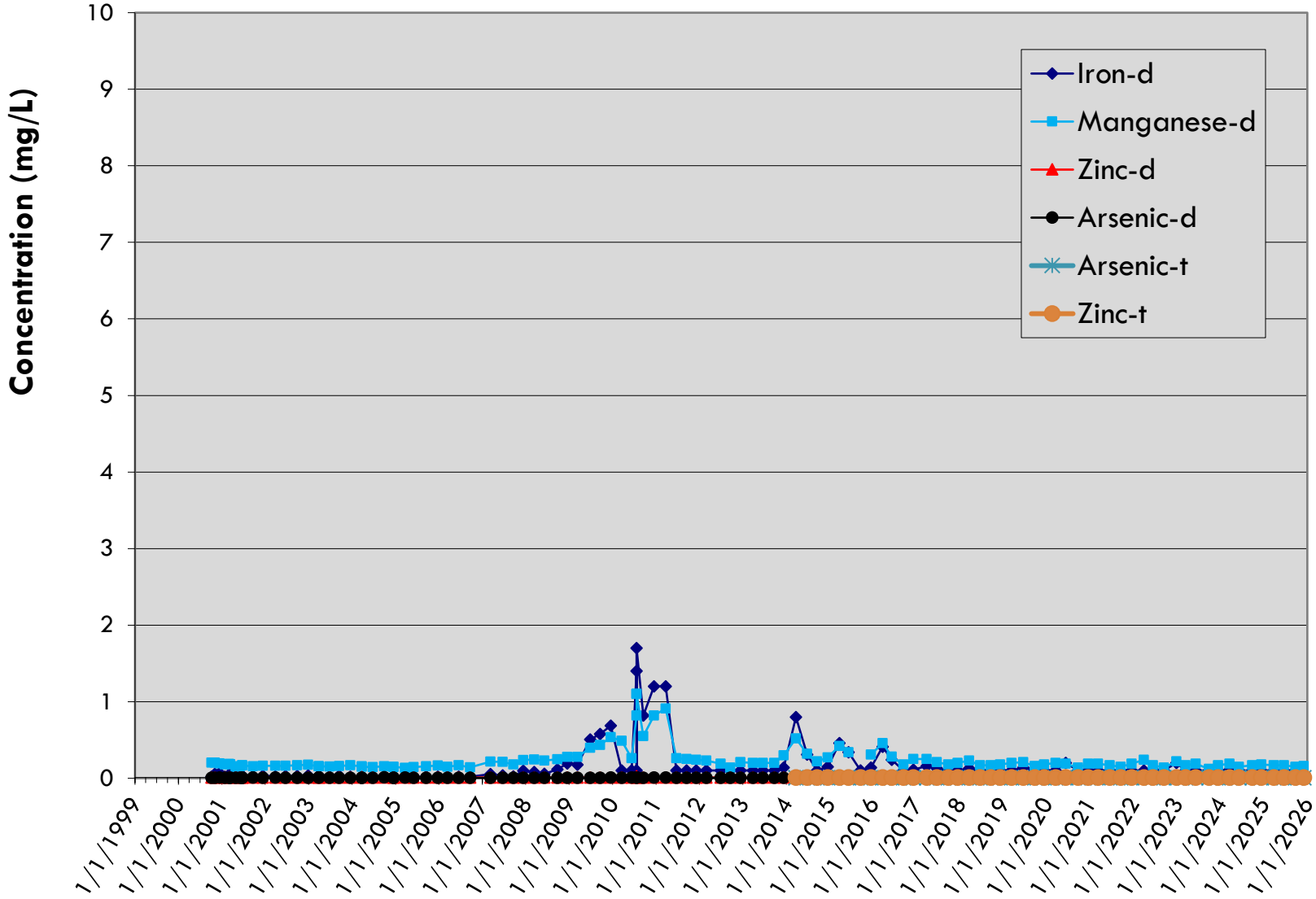
MW-3
LRI Landfill, Pierce County, Washington



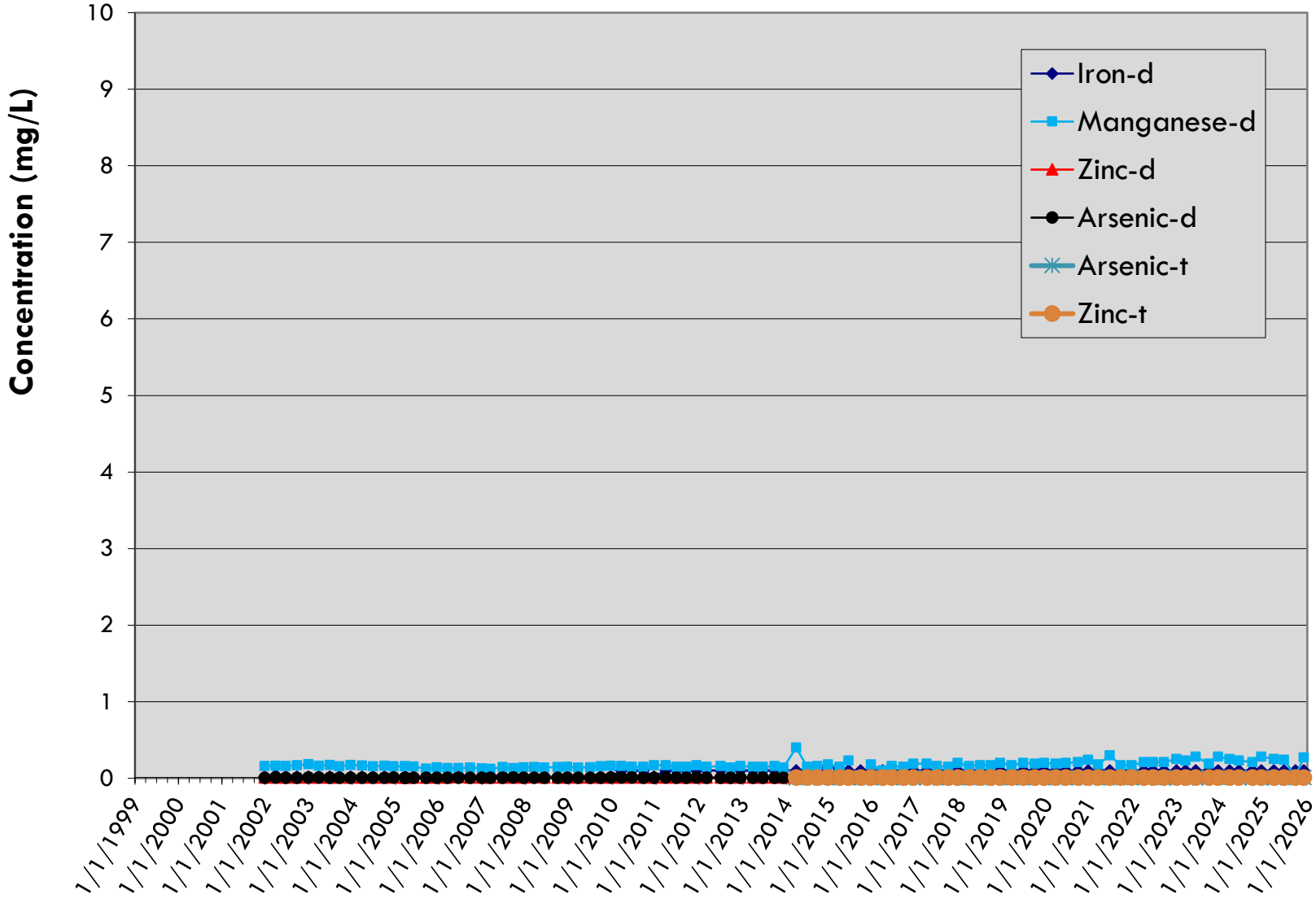
MW-4
LRI Landfill, Pierce County, Washington



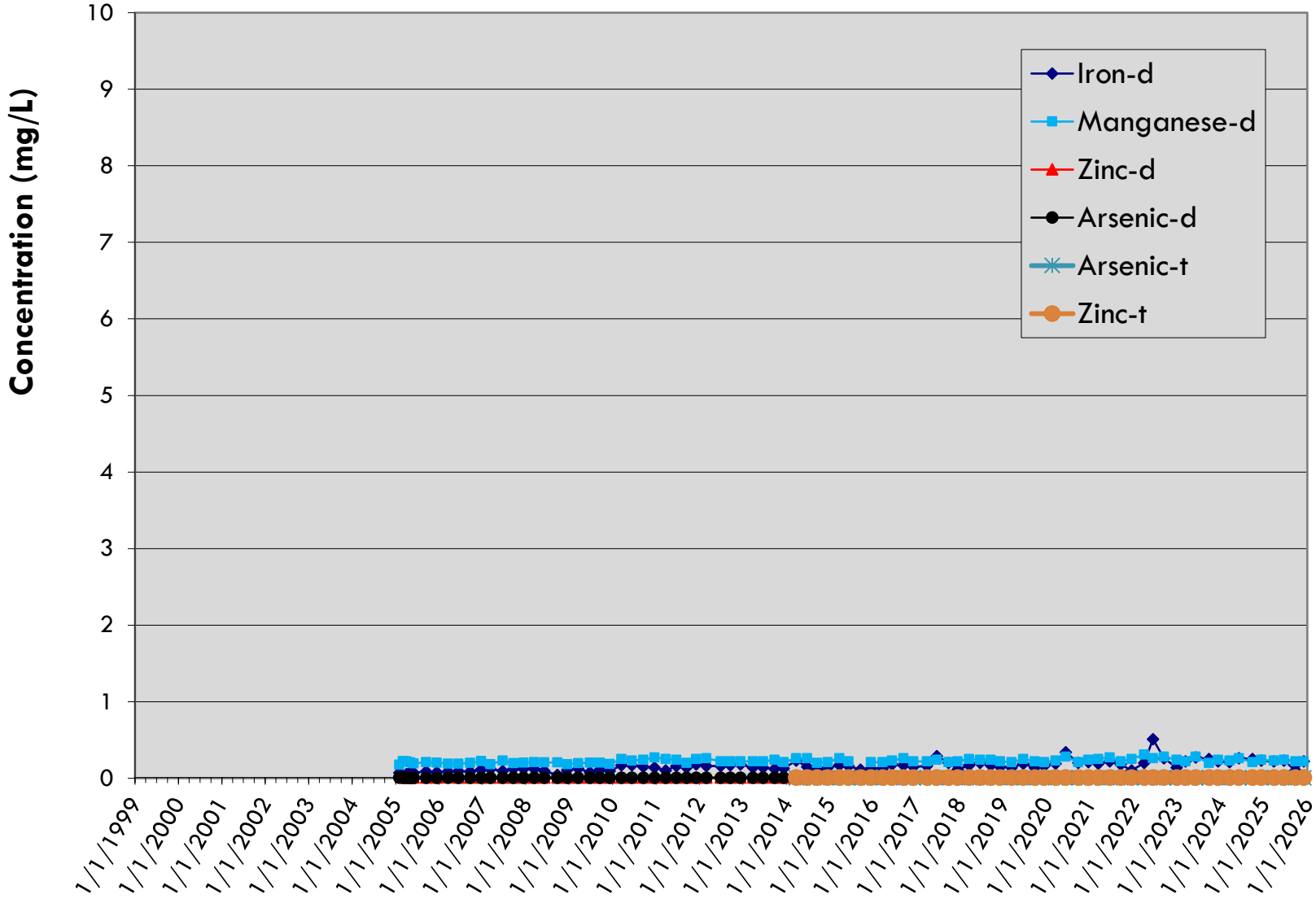
MW-5A
LRI Landfill, Pierce County, Washington



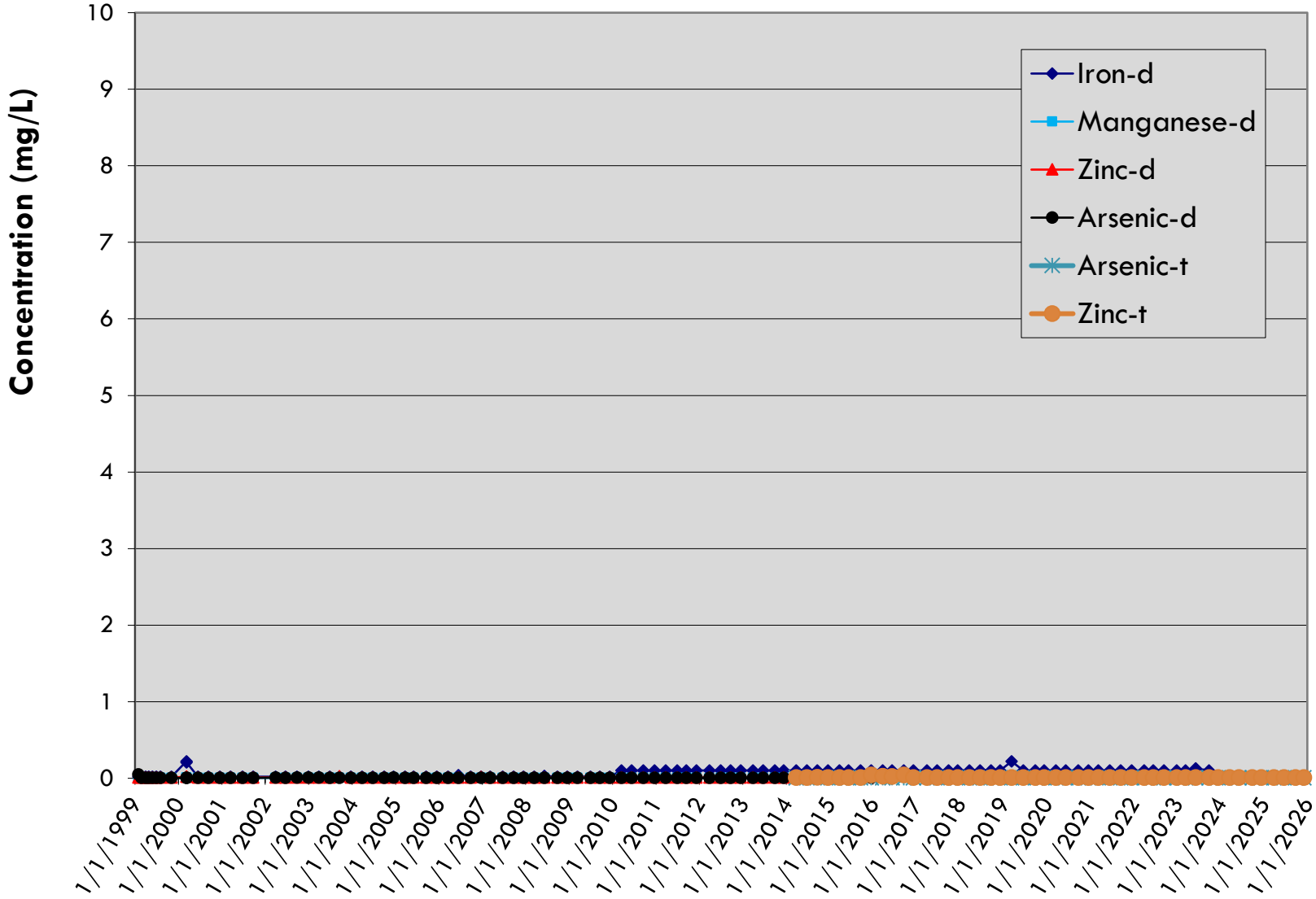
MW-6
LRI Landfill, Pierce County, Washington

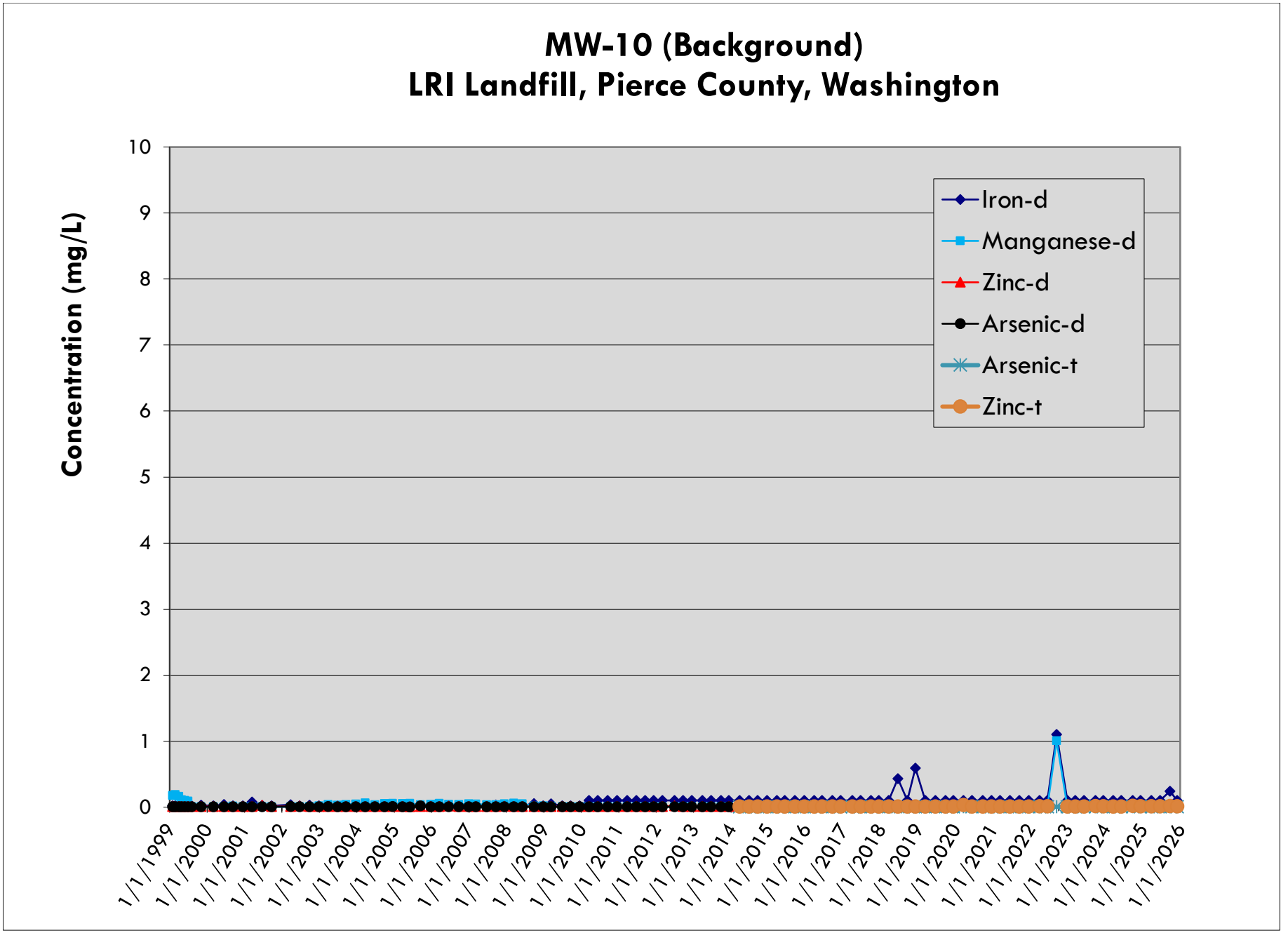


MW-7
LRI Landfill, Pierce County, Washington



MW-9 (Background)
LRI Landfill, Pierce County, Washington




MW-10 (Background)
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
10
9
8
7
6
5
4
3
2
1
0
Iron-d
Manganese-d
Zinc-d
Arsenic-d
Arsenic-t
Zinc-t
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

THIRD QTR. 2025 DATA VALIDATION REPORT – LRI LANDFILL

Project Details

Project No.	04225001.02	**Site Name**	LRI 304th Street LF
Data Validator	Jovany Estrada	**Data Level**	Level 2
Date	3/2/2026	**DV Tier**	Tier 1
QA Document	LRI Landfill Groundwater Monitoring Plan, March 10, 2014		

Sample Login Summary

Sample Group	Sample Login Comments	Analytical Lab (Primary)
280-217994-1	No Comment.	Eurofins, Denver CO
280-218144-1	No Comment.	Eurofins, Denver CO
280-218151-1	No Comment.	Eurofins, Denver CO
280-218250-1	No Comment.	Eurofins, Denver CO
280-218252-1	No Comment.	Eurofins, Denver CO
280-219026-1	No Comment.	Eurofins, Denver CO

Analytical Summary

Sample Group	Analyses					
	TDS/Alk/NO3	Metals	NH3/TOC	VOCs	Anions	TSS
280-217994-1	X	X[2]	X	X	X	X
280-218144-1	X	X[2]	X	X	X	-
280-218151-1	X	X[2]	X	X	X	-
280-218250-1	X	X[2]	X	X	X	X
280-218252-1	X	X[2]	X	X	X	-
280-219026-1	X	X[2]	X	X	X	-

Notes:

1. Dissolved metals analysis performed (field filtered)
2. Dissolved and Total metals analysis performed
3. Total Metals analysis performed

Laboratory Quality Assurance Samples

Lab QA Samples	Results	Comments
Method Blank	Acceptable.	See case narratives
LCS/LCSD	Acceptable.	See case narratives.

Lab QA Samples	Results	Comments
MS/MSD	Acceptable	See case narratives.
Metals	Acceptable.	See case narratives.
Duplicates	Acceptable.	See case narratives.
Organics	Acceptable.	See case narratives.
General Chemistry	Acceptable.	See case narratives.
General Comments	Acceptable.	See case narratives.

Field Quality Assurance Samples

Field QA Samples	Sample Group	Analytes	Notes
QC-FB	280-218144-1	None.	

Lab Quality Flags

Flag	Sample Groups	Comments
^+	280-218151-1	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
*+	280-218144-1, 280-218151-1	LCS and/or LCSD is outside acceptance limits, high biased.
*1	280-218250-1	LCS/LCSD RPD exceeds control limits.
^2	280-218151-1	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
J	280-217994-1, 280-218144-1, 280-218151-1, 280-218250-1, 280-218252-1, 280-219026-1	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	280-217994-1, 280-218144-1, 280-218151-1, 280-219026-1	MS and/or MSD recovery exceeds control limits.
F2	280-218144-1	MS/MSD RPD exceeds control limits.
4	280-217994-1, 280-218151-1, 280-218250-1, 280-219026-1	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	280-218151-1	Result exceeded calibration range.
H	280-218151-1, 280-218250-1, 280-218252-1, 280-219026-1	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	280-218250-1, 280-218252-1	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
B	280-218151-1	Compound was found in the blank and sample.

Duplicate Evaluation

Analyte	Units	MW-7 (304-120225-07)	MW-7 DUP (304-120225-11)	RPD (%)
Alkalinity, Total	mg/L	180	180	0.00
Ammonia	mg/L	0.23	0.22	4.44
Arsenic, Total	mg/L	0.0056	0.0056	0.00
Barium, Total	mg/L	0.016	0.016	0.00
Calcium, Dissolved	mg/L	35	35	0.00
Chloride	mg/L	2.9	3.2	9.84
Iron, Dissolved	mg/L	0.22	0.22	0.00
Magnesium, Dissolved	mg/L	22	22	0.00
Manganese, Dissolved	mg/L	0.21	0.22	4.65
Potassium, Dissolved	mg/L	5.9	6	1.68
Sodium, Dissolved	mg/L	13	13	0.00
Sulfate	mg/L	4.9	5	2.02
Total Dissolved Solids	mg/L	200	200	0.00
Total Organic Carbon	mg/L	0.91	0.89	2.22
Total Suspended Solids	mg/L	4	2 J	66.67

U = Non-detection. Reporting limit (RL) used for calculation of RPD when necessary.

Additional Data Flags

Flag	Description
U	Not detected above the method reporting limit.

Qualified Data and Usability

Lab qualifiers are noted. All data, as qualified, are acceptable for use.

January 7, 2026
File No. 04225001.02

Subject: **Fourth Quarter 2025 Groundwater Monitoring Event**
LRI Landfill, Pierce County, Washington

NOTES/SAMPLE DECODING:

Event Dates: December 2-4, 17, 2025
Field Staff: Jovany Estrada, Karisse Yamamoto, Lauren Murray

- This event served as a quarterly monitoring event.
- Dedicated pumps were used for purging and sampling wells MW-1A, MW-2A, MW-3, MW-5A, MW-6, MW-7, MW-9, MW-10, and leak detection/collection system points LDCS-5, LDCS-6, and LDCS-7.
- Disposable bailers were used to sample leak detection/collection system points LDCS-1, LDCS-2A, LDCS-2B.
- The sample from LDCS-3A, LDCS-4A, LDCS-4B, LDCS-8 and LDCS-9 was collected from the channel discharge spigot.
- A non-dedicated Sample Pro pump was used for purging and sampling monitoring point MW-4.
- Leachate was sampled from all cells as part of the annual monitoring event.
- A round of water level measurements was completed concurrent with monitoring.
- Multiparameter field meters were calibrated daily, prior to sampling.
- Source water for the field blank was lab-grade deionized water (VOC-free) provided by Eurofins in Denver, Colorado.
- Leachate port lock code: 911

Sample Number	Well Number
304-120225-01	MW-1A
304-120225-02	MW-2A
304-120225-03	MW-3
304-120325-04	MW-4
304-120325-05	MW-5
304-120225-06	MW-6
304-120225-07	MW-7
304-120325-09	MW-9
304-120225-10	MW-10
304-120225-11	MW-7 Duplicate

304-120425-12	LDCS-1
304-120425-13	LDCS-2A
304-120325-14	LDCS-2B
304-120325-15	LDCS-3A
304-120425-16	LDCS-4A
304-120425-17	LDCS-4B
304-12042025-18	LDCS-5
304-12042025-19	LDCS-6
304-120325-20	LDCS-7
304-120425-21	Field Blank
304-12042025-22	LDCS-8
304-120325-25	Leachate, Cell 1
304-120325-26	Leachate, Cell 2A
304-120325-27	Leachate, Cell 2B
304-120325-28	Leachate, Cell 3
304-120325-29	Leachate, Cell 4A
304-120325-30	Leachate, Cell 4B
304-120325-31	Leachate, Cell 5
304-120325-32	Leachate, Cell 6
304-120325-33	Leachate, Cell 7
304-120325-34	Leachate, Cell 8
304-120325-35	Leachate, Cell 9
304-12172025-001	LDCS-9

SCS ENGINEERS
2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: MW-1
Sample ID: 304-120225-01
Date: 12/2/25
Weather: Cloudy

18.10 DTW
TOS
Intake
BOS
Total Depth

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other
Meter: MP-20 YSI
CONTROL SETTINGS: 1 ft water = 0.62L 1L = 0.26 gallons
Refill 9 One Well Volume (liters) Other:
Discharge 6 Flow Setting:
Pressure 50 40 Total Volume Bailed (liters)
Flow ~~100~~ mL/min 300

Filtered? (Y) N Locked? (Y) N Water in Protector? Y (N) Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):
needs gasket & screw

TIME	DTW	Temp	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1045		14.4	220	5.11	7.08	25.0	3.8	
1050		14.3	218	0.38	6.75	17.7	11.2	
1053		14.3	220	0.33	6.72	15.9	12.6	
1056		14.3	221	0.36	6.72	12.3	14.0	
1059		14.2	222	0.39	6.72	10.2	16.0	
1102		14.2	222	0.40	6.73	7.4	13.3	
1105		14.2	222	0.40	6.73	5.8	7.6	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Jovany Estrada
Signature

SCS ENGINEERS
2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: MW-2
Sample ID: 304-120225-02
Date: 12/2/25
Weather: Cloudy

18.18 DTW
TOS
Intake
BOS
Total Depth

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other
Meter: MP-20 YSI

CONTROL SETTINGS: 1 ft water = 0.62L 1L = 0.26 gallons

Refill	9	One Well Volume (liters)	Other:
Discharge	6		Flow Setting:
Pressure	30	Total Volume Bailed (liters)	
Flow	400 mL/min		

Filtered? (Y) N
Locked? (Y) N
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

Needs gasket & screws

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1004		13.4	153.3	7.59	7.13	152.7	18.6	
1009		13.8	396	0.50	6.88	27.5	4.1	
1012		13.7	397	0.32	6.94	-3.2	3.8	
1015		13.7	398	0.25	6.98	-26.6	3.7	
1018		13.7	398	0.23	6.99	-32.8	3.8	
1021		13.7	398	0.20	7.00	-44.2	3.9	
1024		13.6	398	0.19	7.00	-48.2	4.0	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Jovany Estrada
Signature

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2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: MW-3
Sample ID: 304-120225-03
Date: 12/02/25
Weather: Cloudy

7.20 DTW
TOS
Intake
BOS
Total Depth

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Meter: MP-20 YSI

CONTROL SETTINGS: 1 ft water = 0.62L 1L = 0.26 gallons

Refill: 9
Discharge: 6
Pressure: 35
Flow:

One Well Volume (liters):
Total Volume Bailed (liters):
Other:
Flow Setting:

Filtered? (Y) N
Locked? (Y) N
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

SO4 bottle did not have label but still had the pres.

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1133		9.3	394	8.10	7.40	58.7	3.3	
1138		10.9	415	2.05	6.13	88.6	4.2	
1141		10.9	414	1.12	6.35	87.6	3.6	
1144		10.9	414	0.68	6.59	80.8	3.4	
1147		10.9	414	0.51	6.77	74.0	3.3	
1150		10.9	413	0.40	6.93	66.3	3.2	
1153		10.9	413	0.34	7.04	60.1	3.3	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Jovany Estrada
Signature

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2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: MW-7
Sample ID: 304-120325-04
Date: 12/3/25
Weather: Cloudy

22.48 DTW
TOS
Intake
BOS
Total Depth

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Meter: MP-20 YSI

CONTROL SETTINGS: 1 ft water = 0.62L 1L = 0.26 gallons

Refill 97
Discharge 63
Pressure 50
Flow

One Well Volume (liters)
Total Volume Bailed (liters)
Other:
Flow Setting:

Filtered? (Y) N
Locked? Y (N)
Water in Protector? (Y) N
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

needs gasket and screws

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1143		14.5	361	2.31	6.87	185.2	220.1	
1148		14.5	363.8	1.50	7.01	95.8	198.0	
1151		14.4	365.3	1.58	7.02	85.7	85.2	
1154		14.4	367.9	1.75	7.04	73.7	291.5	
1157		14.3	371.4	2.07	7.05	73.9	284.2	
1200		14.2	374.7	2.43	7.07	77.8	333.9	
1203		14.1	376.1	2.64	7.09	80.6	383.7	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Jovany Estrada
Signature

SCS ENGINEERS
2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: MW-5
Sample ID: 304-120325-05
Date: 12/3/25
Weather: Cloudy

27.37 DTW
TOS
Intake
BOS
Total Depth

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Meter: MP-20 YSI

CONTROL SETTINGS:
Refill 9
Discharge 6
Pressure 40
Flow

1 ft water = 0.62L
1L = 0.26 gallons
One Well Volume (liters)
Total Volume Bailed (liters)
Other:
Flow Setting:

Filtered? (Y) N
Locked? (Y) N
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:
1000 ml Poly
500 ml Poly
250 ml Poly
125 ml Poly
500 ml HNO3 x2
500 ml H2SO4 x2
40 ml VOA x3 x6
1000 ml Amber
125 ml NaOH

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1233		14.1	291.5	6.37	7.27	110.7	12.8	
1238		13.6	325.2	0.81	7.29	~~175.3~~ +0	175.3	
1241		13.6	327.1	0.72	7.43	-28.3	63.9	
1244		13.6	323.4	0.69	7.47	-57.8	24.3	
1247		13.6	322.3	0.67	7.48	-74.9	16.1	
1250		13.6	322.3	0.67	7.48	-75.8	15.5	
1253		13.6	322.5	0.67	7.48	-76.4	14.8	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Jovany Estrada
Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: MW-6
Sample ID: 304-120225-06
Date: 12/2/25
Weather: Cloudy

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Meter: MP-20 YSI

CONTROL SETTINGS: 1 ft water = 0.62L 1L = 0.26 gallons

DTW	7.73	Refill	9
TOS		Discharge	6
Intake		Pressure	25
BOS		Flow	
Total Depth			

One Well Volume (liters): Other:
Flow Setting:
Total Volume Bailed (liters):

Filtered? (Y) N Locked? Y (N) Water in Protector? (Y) N Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1225		9.7	405	5.26	7.45	81.1	7.3	
1233		10.8	491	~~6.56~~ 1.00	6.58	71.4	16.0	
1236		10.8	501	0.39	7.20	58.9	8.4	
1239		10.8	501	0.30	7.31	52.6	7.1	
1242		10.8	502	0.24	7.34	48.1	6.4	
1245		10.8	502	0.23	7.35	47.8	5.8	
1248		10.8	502	0.20	7.35	46.7	5.5	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Jovany Estrada
Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: MW-7
Sample ID: 304-120225-07
Date: 12/2/25
Weather: Cloudy

24.45 DTW
TOS
Intake
BOS
Total Depth

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other
Meter: MP-20 (YSI)

CONTROL SETTINGS:
Refill: 9
Discharge: 6
Pressure: 35
Flow:

1 ft water = 0.62L
1L = 0.26 gallons
One Well Volume (liters):
Total Volume Bailed (liters):
Other:
Flow Setting:

Filtered? (Y) N
Locked? (Y) N
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1322		10.7	385	5.25	6.84	52.5	4.1	
1327		10.9	390	0.85	6.70	73.7	5.2	
1330		10.9	390	0.42	7.23	46.5	4.6	
1333		10.9	391	0.32	7.36	20.0	4.3	
1336		10.9	390	0.28	7.39	0.9	4.2	
1339		10.9	390	0.25	7.40	-16.4	3.9	
1342		10.9	390	0.22	7.40	-27.6	3.9	

Notes / Observations (color, odor, anomalies, etc):

Dup taken @ 1352
304-120225-11

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada (Printed Name)
Jovany estrada (Signature)

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Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: MW-9
Sample ID: 304-120325-09
Date: 12/3/25
Weather: Cloudy

11.26 DTW
TOS
Intake
BOS
Total Depth

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Meter: MP-20 YSI

CONTROL SETTINGS:
Refill 9
Discharge 6
Pressure 45
Flow 400 ml/min

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters)
Total Volume Bailed (liters)
Other:
Flow Setting:

Filtered? (Y) N
Locked? (Y) N
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
0936		9.5	128.6	6.57	5.93	245.9	2.4	
0941		11.0	133.6	3.91	5.75	248.0	2.0	
0944		11.0	133.0	3.82	6.25	226.0	2.0	
0947		11.0	133.1	3.80	6.39	215.3	2.0	
0950		11.0	133.3	3.79	6.48	202.5	2.0	
0953		11.1	133.4	3.78	6.51	195.7	2.0	
0956		11.1	133.5	3.77	6.53	188.4	2.0	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovanny Estrada
Printed Name

Jovanny Estrada
Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: (Dedicated) | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Site: LRI 304th | DTW: 29.72 | Meter: | CONTROL SETTINGS: | 1 ft water = 0.62L | 1L = 0.26 gallons

Well ID: MW-10 | TOS: | MP-20 | Refill: 9 | One Well Volume (liters): | Other:

Sample ID: 304-120225-10 | Intake: | YSI | Discharge: 6 | Flow Setting:

Date: 12/2/25 | BOS: | Pressure: 40 | Total Volume Bailed (liters):

Weather: Cloudy | Total Depth: | Flow: 400 ml/min

Filtered? (Y) N | Locked? (Y) N | Water in Protector? Y (N) | Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
0855		12.7	296	0.42	5.98	130.1	6.0	
0900		12.8	295	0.49	5.99	139.0	5.8	
0903		12.8	294	0.51	6.00	140.4	4.9	
0906		12.8	293	0.53	6.02	141.6	4.8	
0909		12.8	293	0.56	6.04	142.1	4.5	
0912		12.7	292	0.59	6.05	142.5	4.5	
0915		12.7	292	0.60	6.06	142.8	4.7	

Notes / Observations (color, odor, anomalies, etc):

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada (Printed Name) | jovanyestrada (Signature)

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Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: LDCS-1
Sample ID: 304-120425-12
Date: 12/4/25
Weather: Cloudy

28.14 DTW
TOS
Intake
BOS
Total Depth

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Meter: MP-20 YSI

CONTROL SETTINGS: 1 ft water = 0.62L 1L = 0.26 gallons

Refill
Discharge
Pressure
Flow

One Well Volume (liters)
Total Volume Bailed (liters)
Other:
Flow Setting:

Filtered? (Y) N
Locked? Y (N)
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1035		19.1	486.7	4.55	6.38	36.1	29.9	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Jovany Estrada
Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: LDCS-2A
Sample ID: 304-120425-13
Date: 12/4/25
Weather: cloudy

29.69 DTW
TOS
Intake
BOS
Total Depth

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other
Meter: MP-20 YSI

CONTROL SETTINGS:
Refill
Discharge
Pressure
Flow

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters)
Total Volume Bailed (liters)
Other :
Flow Setting :

Filtered? (Y) N
Locked? (Y) N
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
0945		16.7	854	2.52	6.44	-49.3	72.8	

Notes / Observations (color, odor, anomalies, etc):

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

jovany estrada
Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method : Dedicated | 1.75" QED SamplePro | (Bail) | Peristaltic | Grab | Other

Site: LRI 304th | DTW | Meter:

Well ID: LDCS - 2B | TOS | MP-20

Sample ID: 304 - 122325 - 14 | Intake | (YSI)

Date: 12/3/25 | BOS

Weather: Cloudy | Total Depth

CONTROL SETTINGS: | Refill | Discharge | Pressure | Flow

1 ft water = 0.62L | 1L = 0.26 gallons

One Well Volume (liters) | Other :

Total Volume Bailed (liters) | Flow Setting :

Filtered? (Y) N | Locked? Y (N) | Water in Protector? Y (N) | Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1530		17.8	843	3.13	6.43	15.2	21.0	

Notes / Observations (color, odor, anomalies, etc):

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovanni Estrada
Printed Name

Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: LDCS-3
Sample ID: 304-120325-15
Date: 12/3/25
Weather: Cloudy

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

DTW
TOS
Intake
BOS
Total Depth

Meter: MP-20 YSI

CONTROL SETTINGS:

Refill	12	One Well Volume (liters)	Other :
Discharge	3		Flow Setting :
Pressure	40	Total Volume Bailed (liters)	
Flow	350 ml/min		

1 ft water = 0.62L
1L = 0.26 gallons

Filtered? (Y) N
Locked? (Y) N
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1515		18.7	826	212	6.30	-9.2	4.9	

Notes / Observations (color, odor, anomalies, etc):

waited 20 mins for water

collected sample from discharge

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: LDCS-4A
Sample ID: 304-120425-16
Date: 12/04/25
Weather: cloudy

Sampling Method: (Dedicated) | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

DTW
TOS
Intake
BOS
Total Depth

Meter: MP-20 (YSI)

CONTROL SETTINGS:
Refill: 12
Discharge: 3
Pressure: 60
Flow: 150 mL/min

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters):
Total Volume Bailed (liters):
Other:
Flow Setting:

Filtered? (Y) N
Locked? (Y) N
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol
1145		17.1	329.6	3.34	6.17	67.2	12.4	

Notes / Observations (color, odor, anomalies, etc):

Waited 20 min for water
collected sample from discharge

Ask lab to filter

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Jovany estrada
Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: LDCS-4B
Sample ID: 304-120425-17
Date: 12/04/25
Weather: cloudy

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Meter: MP-20 YSI

DTW
TOS
Intake
BOS
Total Depth

CONTROL SETTINGS:
Refill 12
Discharge 3
Pressure 60
Flow

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters)
Total Volume Bailed (liters)
Other :
Flow Setting :

Filtered? (Y) N
Locked? (Y) N
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

Waited 25 mins for water
sample collected from discharge
Ask lab to filter

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1315		24.1	676	1.58	6.20	7.1	5.2	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovanny Estrada
Printed Name

Jovanny Estrada
Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: (Dedicated) | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Site: LRI 304th | DTW | Meter: | CONTROL SETTINGS: | 1 ft water = 0.62L | 1L = 0.26 gallons

Well ID: LDCS-5 | TOS | MP-20 | Refill 12 | One Well Volume (liters) | Other :

Sample ID: 304-12042025-18 | Intake | (YSI) | Discharge 3 | Flow Setting :

Date: 12/4/25 | BOS | Pressure 40 | Total Volume Bailed (liters)

Weather: Raining | Total Depth | Flow

Filtered? (Y) N | Locked? Y (N) | Water in Protector? Y (N) | Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
0959		9.2	0.783	7.95	7.03	124.1	5.08	
1004		11.5	0.801	6.12	6.78	125.5	3.69	
1007		12.4	0.809	5.37	6.68	128.0	3.20	
1010		13.2	0.816	4.65	6.60	129.3	2.83	
1013		13.8	0.823	3.97	6.51	130.9	3.14	
1016		14.3	0.835	3.32	6.44	132.5	3.39	
1019		14.6	0.850	2.96	6.40	132.9	2.66	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager (Printed Name) LB (Signature)

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Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Site: LRI 304th | Meter: | CONTROL SETTINGS: | 1 ft water = 0.62L | 1L = 0.26 gallons

Well ID: LDCS-6 | DTW | MP-20 | Refill 12 | One Well Volume (liters) | Other:

Sample ID: 304-12042025-0019 | TOS | YSI | Discharge 3 | Flow Setting:

Date: 12/4/25 | Intake | Pressure 55 | Total Volume Bailed (liters)

Weather: Raining | BOS | Flow

Total Depth

Filtered? Y (N) | Locked? Y (N) | Water in Protector? Y (N) | Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1101		8.1	1.084	8.17	7.75	90.5	4.64	
1106		7.9	1.090	8.10	7.72	100.7	4.10	
1109		7.8	1.091	8.08	7.71	104.2	4.18	
1112		7.8	1.089	8.07	7.69	107.1	5.68	
1115		8.2	1.087	8.05	7.71	109.0	8.28	
1118		8.4	1.085	7.75	7.77	109.0	7.89	
1121		8.8	1.082	6.67	7.75	108.1	5.47	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager (Printed Name) | LB (Signature)

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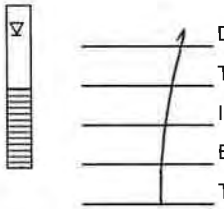
Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: LDCS-7
Sample ID: 304-120325-20
Date: 12/3/25
Weather: Cloudy



Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Meter: MP-20 YSI

CONTROL SETTINGS:

Refill	11.5	1 ft water = 0.62L
Discharge	3.5	1L = 0.26 gallons
Pressure	40	
Flow	200 ml/min	

One Well Volume (liters): ____ Other: ____
Flow Setting: ____
Total Volume Bailed (liters): ____

Filtered? (Y) N
Locked? Y (N)
Water in Protector? Y (N)
Damage? Y (N)

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1337		12.8	747	1.35	6.45	117.2	10.0	
1342		20.2	776	0.59	6.45	24.2	3.4	
1345		23.2	754	0.53	6.00	-32.1	4.7	
1348		23.8	734	0.53	5.94	-33.5	5.0	
1351		24.0	732	0.53	5.93	-35.6	5.6	
1354		24.4	732	0.52	5.93	-42.5	5.5	
1357		24.6	732	0.51	5.93	-46.5	5.9	

Notes / Observations (color, odor, anomalies, etc):

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Jovany Estrada
Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: Field Blank
Sample ID: 304-120425-21
Date: 12/4/25
Weather: Cloudy

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

DTW
TOS
Intake
BOS
Total Depth

Meter: MP-20 (YSI)

CONTROL SETTINGS:
Refill
Discharge
Pressure
Flow

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters)
Total Volume Bailed (liters)
Other:
Flow Setting:

Filtered? (Y) N
Locked? Y ~~N~~
Water in Protector? ~~Y~~ N
Damage? ~~Y~~ N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1340		9.9	18	7.11	5.81	3.9	0.8	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Jovany Estrada
Printed Name

Signature

SCS ENGINEERS
2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

Site: LRI 304th | Meter: | CONTROL SETTINGS: | 1 ft water = 0.62L | 1L = 0.26 gallons

Well ID: LDCS-8 | DTW | MP-20 | Refill | One Well Volume (liters) | Other:

Sample ID: 304-12042025-22 | TOS | (YSI) | Discharge | Flow Setting:

Date: 12/4/25 | Intake | Pressure | Total Volume Bailed (liters)

Weather: Raining | BOS | Flow

Total Depth

Filtered? Y (N) | Locked? Y N | Water in Protector? Y N | Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

Lab needs to filter

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1230		21.7	0.962	2.20	6.35	-41.4	2.57	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager
Printed Name

LB
Signature

SCS ENGINEERS
2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: Leachate, Cell 1
Sample ID: 304-12032025-25
Date: 12/3/25
Weather: Overcast

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

DTW
TOS
Intake
BOS
Total Depth

Meter: MP-20 (YSI)

CONTROL SETTINGS:
Refill
Discharge
Pressure
Flow

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters)
Total Volume Bailed (liters)
Other:
Flow Setting:

Filtered? Y (N)
Locked? Y (N)
Water in Protector? ~~Y~~ N
Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1243		20.2 °C	19.274 ~~mS~~ / cm	4.28 mg/L	7.45	-77.3 ORP mV	1060.43 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Buessjager
Printed Name

LB
Signature

SCS ENGINEERS
2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

Site: LRI 304th | Meter: MP-20 (YSI)

Well ID: Leachate, Cell 2A | DTW | CONTROL SETTINGS: | 1 ft water = 0.62L | 1L = 0.26 gallons

Sample ID: 304-12032025-26 | TOS | Refill | One Well Volume (liters) | Other:

Date: 12/3/25 | Intake | Discharge | Flow Setting:

Weather: Overcast | BOS | Pressure | Total Volume Bailed (liters)

Total Depth | Flow

Filtered? Y (N) | Locked? Y (N) | Water in Protector? ~~Y~~ N | Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1302		14.5 °C	21829 SPC- mS cm	5.82 mg/L	7.74 pH	-122.4 ORP mV	1861.11 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussiager (Printed Name) | LB (Signature)

SCS ENGINEERS
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Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: Leachate, Cell 2B
Sample ID: 304-1203 2025-27
Date: 12/3/25
Weather: Overcast

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

DTW
TOS
Intake
BOS
Total Depth

Meter: MP-20 YSI

CONTROL SETTINGS:
Refill
Discharge
Pressure
Flow

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters)
Total Volume Bailed (liters)
Other:
Flow Setting:

Filtered? Y (N)
Locked? Y (N)
Water in Protector? ~~Y N~~
Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1332		22.2 °C	22.261 mS/cm	4.31 mg/L	7.72	-103.9 ORP mV	1782.75 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager
Printed Name

LB
Signature

SCS ENGINEERS
2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

Site: LRI 304th | DTW | Meter: | CONTROL SETTINGS: | 1 ft water = 0.62L | 1L = 0.26 gallons

Well ID: Leachate, Cell 3A | TOS | MP-20 | Refill | One Well Volume (liters) | Other:

Sample ID: 304-12032025-28 | Intake | (YSI) | Discharge | Flow Setting:

Date: 12/3/25 | BOS | Pressure | Total Volume Bailed (liters)

Weather: Overcast | Total Depth | Flow

Filtered? Y (N) | Locked? Y (N) | Water in Protector? ~~Y~~ N | Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1352		17.0 °C	19.514 SPC - ms/cm	4.63 mg/L	7.59	-25.0 ORP mV	159.99 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager
Printed Name

LB
Signature

SCS ENGINEERS
2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

Site: LRI 304th | Meter: | CONTROL SETTINGS: | 1 ft water = 0.62L | 1L = 0.26 gallons

Well ID: Leachate, Cell 4A | DTW | MP-20 | Refill | One Well Volume (liters) | Other:

Sample ID: 304-12032025-29 | TOS | (YSI) | Discharge | Flow Setting:

Date: 12/3/25 | Intake | Pressure | Total Volume Bailed (liters)

Weather: Overcast | BOS | Flow

Total Depth

Filtered? Y (N) | Locked? (Y) N | Water in Protector? ~~Y~~ N | Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1217		22 °C	32.611 SPC-mS/cm	4.12 mg/L	7.91	-123.5 ORP mV	1542.99 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager
Printed Name

LB
Signature

SCS ENGINEERS
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Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: Leachate, Cell 4B
Sample ID: 304-120320250-30
Date: 12/3/25
Weather: Overcast

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

DTW
TOS
Intake
BOS
Total Depth

Meter: MP-20 (YSI)

CONTROL SETTINGS:
Refill
Discharge
Pressure
Flow

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters):
Total Volume Bailed (liters):
Other:
Flow Setting:

Filtered? Y (N)
Locked? (Y) N
Water in Protector? ~~Y N~~
Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1147		29.8 °C	10.282 SPC - mS/cm	2.10 mg/L	7.89 pH	-66.6 ORP mV	1689.85 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager
Printed Name

LB
Signature

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Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: Leachate, Cell 5
Sample ID: 304-12032025-31
Date: 12/3/25
Weather: Overcast

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

Meter: MP-20 (YSI)

DTW
TOS
Intake
BOS
Total Depth

CONTROL SETTINGS:
Refill
Discharge
Pressure
Flow

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters)
Total Volume Bailed (liters)
Other:
Flow Setting:

Filtered? Y (N)
Locked? (Y) N
Water in Protector? Y ~~N~~
Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1456		21.8 C	30.542 - ms/cm	4.42 mg/L	8.11	-88.7 ORP mV	507.85 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager
Printed Name

LB
Signature

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Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

Site: LRI 304th | Meter: | CONTROL SETTINGS: | 1 ft water = 0.62L | 1L = 0.26 gallons

Well ID: Leachate, Cell 6 | MP-20 | Refill | One Well Volume (liters) | Other:

Sample ID: 304-12032025-32 | (YSI) | Discharge | Flow Setting:

Date: 12/3/25 | DTW | Pressure | Total Volume Bailed (liters)

Weather: Overcast | TOS | Flow

Intake

BOS

Total Depth

Filtered? Y (N) | Locked? (Y) N | Water in Protector? ~~Y~~ N | Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1516		17.7 °C	23.677 ~~mS~~ / cm	2.82 mg / L	7.92	-165.5 ORP mV	157.84 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager (Printed Name) | LB (Signature)

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Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

Site: LRI 304th | DTW | Meter:

Well ID: Leachate, Cell 7 | TOS | MP-20

Sample ID: 304-12032025-33 | Intake | (YSI)

Date: 12/3/25 | BOS

Weather: Overcast | Total Depth

CONTROL SETTINGS: 1 ft water = 0.62L | 1L = 0.26 gallons

Refill | One Well Volume (liters) | Other:

Discharge | Flow Setting:

Pressure | Total Volume Bailed (liters)

Flow

Filtered? Y (N) | Locked? Y (N) | Water in Protector? Y / N | Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1415		15.2 °C	21.917 mS/cm	2.75 mg/L	8.14	-121.4 ORP mV	138.31 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Blissjager (Printed Name) | (Signature)

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2405 140th ave NE #107
Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03 | Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | Grab | Other

Site: LRI 304th | DTW | Meter: | CONTROL SETTINGS: | 1 ft water = 0.62L | 1L = 0.26 gallons

Well ID: Leachate, Cell 8 | TOS | MP-20 | Refill | One Well Volume (liters) | Other:

Sample ID: 304-12032025-34 | Intake | YSI | Discharge | Flow Setting:

Date: 12/3/2025 | BOS | Pressure | Total Volume Bailed (liters)

Weather: Overcast | Total Depth | Flow

Filtered? Y (N) | Locked? (Y) N | Water in Protector? ~~Y~~ N | Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1534		22.0 °C	20.368 mS/cm	0.62 mg/L	7.77	-295.4 ORP mV	1362.49 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager (Printed Name) LB (Signature)

SCS ENGINEERS
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Bellevue, WA 98005 (425) 746-4600

Groundwater Sampling Data Sheet

Project #: 04225001.03
Site: LRI 304th
Well ID: Leachate, Cell 9
Sample ID: 304-12032025-35
Date: 12/3/25
Weather: Overcast

Sampling Method: Dedicated | 1.75" QED SamplePro | Bail | Peristaltic | (Grab) | Other

DTW
TOS
Intake
BOS
Total Depth

Meter: MP-20 (YSI)

CONTROL SETTINGS:
Refill
Discharge
Pressure
Flow

1 ft water = 0.62L
1L = 0.26 gallons

One Well Volume (liters)
Total Volume Bailed (liters)
Other:
Flow Setting:

Filtered? Y (N)
Locked? Y (N)
Water in Protector? ~~Y~~ N
Damage? Y N

Sample Containers:

1000 ml Poly	500 ml Poly	250 ml Poly	125 ml Poly
500 ml HNO3 x2	500 ml H2SO4 x2	40 ml VOA x3 x6	1000 ml Amber
125 ml NaOH			

Notes / Observations (color, odor, anomalies, etc):

TIME	DTW	Temp.	Sp.Cond.	DO	pH	Eh	Turbidity	Q / Vol.
1107		14.9 °C	16.532 ~~mS~~ cm	3.11 ~~mg~~ L	7.63	-80.3 ORP mV	93.81 NTU	

Stabilization Parameters: pH/DO ± 0.2, SpC ± 10%, Temp ± 0.5°C, Turb. ± 10% or ≤ 5

SAMPLER: Lauren Bussjager
Printed Name

LB
Signature

SCS ENGINEERS

GROUNDWATER SAMPLING INSTRUMENT CALIBRATION DOCUMENTATION FORM

Date	12/3/25					
Time	0830					
Weather (sky or precip, temp)	cloudy					
Parameter	Conductivity	pH 4	pH 7	D.O.	Turbidity	Comments/Exceptions
Type of Calibration	Standard	Standard	Standard	Standard	Standard	
Standard Value	1413	4.00	7.00	100% or ~8.5	1000, 10, 0.2 800, 100, 20, <0.1	
Pre-Cal Reading	1378	4.02	6.98	9.02		
Post Cal Reading	1413	4.00	7.00	8.50		
Descrepancy	No					
Calib. Successful?	yes					
Calibration by	J. Estrada					
Instrument Type, ID	(YSI Pro DDS) / YSI 556 / Rental				(YSI Pro DDS) / HACH2000	
Calibration Location	parking lot					

* If Direct Reading is Unavailable, Assume pressure = 760 mm - 2.5 (altitude in ft/100)

Appendix C

Groundwater Database

Groundwater Database - Waterlevels
2025 Annual Monitoring Report
LRI Landfill, Pierce County, Washington

Location	Sample Number	Field_Date	Well Casing Elevation	Depth-To-Water	Water Level Elevation	Notes
Monitoring Well						
MW-1A	-	45727.00	652.57	NM	--	
	304-061925-01	45827.00	652.57	19.07	633.50	
	304-092325-01	45923.00	652.57	21.09	631.48	
	304-120225-01	45993.00	652.57	18.10	634.47	
MW-2A	304-032625-02	45727.00	651.93	16.92	635.01	
	304-061925-02	45827.00	651.93	18.75	633.18	
	304-092325-02	45923.00	651.93	20.89	631.04	
	304-120225-02	45993.00	651.93	18.18	633.75	
MW-3	304-032625-03	45727.00	637.41	5.37	632.04	
	304-061925-03	45827.00	637.41	7.58	629.83	
	304-092325-03	45923.00	637.41	10.61	626.80	
	304-120225-03	45993.00	637.41	7.2	630.21	
MW-4	304-032625-04	45727.00	652.37	20.4	631.97	
	304-061925-04	45827.00	652.37	26.05	626.32	
	304-092325-04	45923.00	652.37	25.29	627.08	
	304-120325-04	45993.00	652.37	22.48	629.89	
MW-5A	304-032625-05	45727.00	655.55	25.43	630.12	
	304-061925-05	45827.00	655.55	27.05	628.50	
	304-092325-05	45923.00	655.55	29.43	626.12	
	304-120325-05	45993.00	655.55	27.37	628.18	
MW-6	304-032625-06	45727.00	635.71	6.65	629.06	
	304-061925-06	45827.00	635.71	9.87	625.84	
	304-092325-06	45923.00	635.71	13.60	622.11	
	304-120225-06	45993.00	635.71	7.73	627.98	
MW-7	304-032625-07	45727.00	656.03	21.01	635.02	
	304-061925-07	45827.00	656.03	24.51	631.52	
	304-092325-07	45923.00	656.03	27.83	628.20	
	304-120225-07	45993.00	656.03	24.45	631.58	
MW-9	304-032625-09	45727.00	701.77	8.31	693.46	
	304-061925-09	45827.00	701.77	10.83	690.94	
	304-092325-09	45923.00	701.77	13.25	688.52	
	304-120325-09	45993.00	701.77	11.26	690.51	
MW-10	304-032625-11	45727.00	678.37	29.95	648.42	
	304-061925-11	45827.00	678.37	29.04	649.33	
	304-092325-11	45923.00	678.37	30.87	647.50	
	304-120225-10	45993.00	678.37	29.72	648.65	
Leak Detection System						
LDCS-1	304-032725-13	45727.00	657.26	28.33	628.93	
	304-061825-12	45827.00	657.26	27.69	629.57	
	304-092425-13	45923.00	657.26	28.29	628.97	
	304-120425-12	45993.00	657.26	28.14	629.12	
LDCS-2A	304-032725-14	45727.00	659.24	29.65	629.59	
	304-061825-13	45827.00	659.24	29.39	629.85	
	304-092425-14	45923.00	659.24	28.32	630.92	
	304-120425-13	45993.00	659.24	29.69	629.55	
LDCS-2B	304-032725-15	45727.00	661.70	28.2	633.50	
	304-061825-14	45827.00	661.70	27.5	634.20	
	304-092425-15	45923.00	661.70	28.24	633.46	
	304-120325-14	45993.00	661.70	28.28	633.42	

"NM" = Not Measured

Groundwater Database - Field Parameters
2025 Annual Monitoring Report
LRI Landfill, Pierce County, Washington

Location	Sample Number	Sample Date	Sampling Method	pH	Specific Conductivity	Temperature
Monitoring Well						
MW-1A						
	304-061925-01	6/19/2025	DP	6.90	200	13.3
	304-092325-01	9/23/2025	DP	6.87	195.1	15.4
	304-120225-01	12/2/2025	DP	6.73	222	14.2
MW-2A	304-032625-02	3/26/2025	DP	7.10	332.9	14.4
	304-061925-02	6/19/2025	DP	7.07	279	13.5
	304-092325-02	9/23/2025	DP	7.08	313	15.2
	304-120225-02	12/2/2025	DP	7.00	398	13.6
MW-3	304-032625-03	3/26/2025	DP	7.03	442	10.8
	304-061925-03	6/19/2025	DP	7.10	364.1	12.1
	304-092325-03	9/23/2025	DP	7.28	410	11.1
	304-120225-03	12/2/2025	DP	7.04	413	10.9
MW-4	304-032625-04	3/26/2025	SP	7.39	387.2	17.4
	304-061925-04	6/19/2025	SP	7.29	344	14.2
	304-092325-04	9/23/2025	SP	7.22	351.4	16.0
	304-120325-04	12/3/2025	SP	7.09	376.1	14.1
MW-5A	304-032625-05	3/26/2025	DP	6.98	279.8	18.5
	304-061925-05	6/19/2025	DP	7.53	366	12.4
	304-092325-05	9/23/2025	DP	7.54	286.8	14.1
	304-120325-05	12/3/2025	DP	7.48	322.5	13.6
MW-6	304-032625-06	3/26/2025	DP	7.45	399	10.7
	304-061925-06	6/19/2025	DP	7.34	362	12.0
	304-092325-06	9/23/2025	DP	7.55	409	10.9
	304-120225-06	12/2/2025	DP	7.35	502	10.8
MW-7	304-032625-07	3/26/2025	DP	7.26	365	11.0
	304-061925-07	6/19/2025	DP	7.21	369.2	12.4
	304-092325-07	9/23/2025	DP	7.38	386	11.4
	304-120225-07	12/2/2025	DP	7.40	390	10.9
MW-9	304-032625-09	3/26/2025	DP	6.45	133	10.0
	304-061925-09	6/19/2025	DP	6.54	128.6	11.7
	304-092325-09	9/23/2025	DP	6.43	150	10.9
	304-120325-09	12/3/2025	DP	6.53	133.5	11.1
MW-10	304-032625-11	3/26/2025	DP	6.30	275	13.5
	304-061925-11	6/19/2025	DP	6.24	274	12.1
	304-092325-11	9/23/2025	DP	6.25	269.3	13.4
	304-120225-10	12/2/2025	DP	6.06	292	12.7

Groundwater Database - Field Parameters
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Location	Sample Number	Sample Date	Sampling Method	pH	Specific Conductivity	Temperature
Leak Detection System						
LDCS-1	304-032725-13	3/27/2025	DB	6.12	403	24.7
	304-061825-12	6/18/2025	DB	6.12	569	22.6
	304-092425-13	9/24/2025	DB	6.02	732	20.6
	304-120425-12	12/4/2025	DB	6.38	486.7	19.1
LDCS-2A	304-032725-14	3/27/2025	DB	6.48	810	23.0
	304-061825-13	6/18/2025	DB	6.55	914	23.2
	304-092425-14	9/24/2025	DB	6.54	8.1	23.6
	304-120425-13	12/4/2025	DB	6.44	854	16.7
LDCS-2B	304-032725-15	03/27/25	DB	6.41	798	19.4
	304-061825-14	06/18/25	DB	6.38	884	19.3
	304-092425-15	09/24/25	DB	6.08	1026	23.4
	304-120325-14	12/03/25	DB	6.43	843	17.8
LDCS-3A	304-032725-16	03/27/25	DP	6.16	833	20.7
	304-061825-15	06/18/25	DP	6.17	1016	22.2
	304-092425-16	09/24/25	DP	6.14	989	23.7
	304-120325-15	12/03/25	DP	6.30	826	18.7
LDCS-4A	304-032725-17	03/27/25	DP	6.50	665	21.9
	304-061825-16	06/18/25	DP	6.17	748	20.8
	304-092425-17	09/24/25	DP	6.33	836	27.6
	304-120425-16	12/04/25	DP	6.17	329.6	17.1
LDCS-4B	304-032725-18	03/27/25	DP	6.24	760	27.0
	304-061825-17	06/18/25	DP	6.38	916	29.2
	304-092425-18	09/24/25	DP	6.35	882	29.5
	304-120425-17	12/04/25	DP	6.20	676	24.1
LDCS-5	304-032725-19	03/27/25	DP	6.03	545	14.2
	304-061825-18	06/18/25	DP	6.29	840	25.2
	304-092425-19	09/24/25	DP	6.37	862	24.4
	304-12042025-18	12/04/25	DP	6.40	850	14.6
LDCS-6	304-032725-20	03/27/25	DP	6.33	1284	23.2
	304-061825-19	06/18/25	DP	6.43	1164	25.1
	304-092425-20	09/24/25	DP	6.93	1155	22.4
	304-12042025-19	12/04/25	DP	7.75	1082	8.8
LDCS-7	304-032725-21	03/27/25	DP	5.97	648	26.4
	304-061825-20	06/18/25	DP	6.66	686	21.0
	304-092425-21	09/24/25	DP	5.95	838	28.5
	304-120325-20	12/03/25	DP	5.93	732	24.6
LDCS-8	304-032725-22	03/27/25	PP	6.33	928	23.6
	304-061825-21	06/18/25	PP	6.38	1081	25.7
	304-092425-22	09/24/25	PP	6.14	1064	26.8
	304-12042025-22	12/04/25	PP	6.35	962	21.7
LDCS-9	304-032725-23	03/27/25	PP	5.97	669	20.1
	304-061825-23	06/18/25	PP	6.05	741	24.0
	304-092425-23	09/24/25	PP	6.15	818	24.0
	304-12172025-00	12/17/25	PP	7.22	1200	12.2

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Location	Sample Number	Sample Date	Sampling Method	pH	Specific Conductivity	Temperature
Leachate						
Leachate, Cell 1	304-120325-25	12/3/2025	GB	7.45	19274	20.20
Leachate, Cell 2A	304-120325-26	12/3/2025	GB	7.74	21829	14.50
Leachate, Cell 2B	304-120325-27	12/3/2025	GB	7.72	22261	22.20
Leachate, Cell 3A	304-120325-28	12/3/2025	GB	7.59	19514	17.00
Leachate, Cell 4A	304-120325-29	12/3/2025	GB	7.91	32611	22.00
Leachate, Cell 4B	304-120325-30	12/3/2025	GB	7.89	10282	24.80
Leachate, Cell 5	304-120325-31	12/3/2025	GB	8.11	30542	21.80
Leachate, Cell 6	304-061825-22	6/18/2025	GB	8.01	35003	35.20
	304-092425-24	9/24/2025	GB	7.82	34555	37.50
	304-120325-32	12/3/2025	GB	7.92	23677	17.70
Leachate, Cell 7	304-061825-24	6/18/2025	GB	7.81	12242	29.60
	304-092425-25	9/24/2025	GB	7.63	24250	23.50
	304-120325-33	12/3/2025	GB	8.16	21917	15.20
Leachate, Cell 8	304-061825-25	6/18/2025	PP	7.89	23595	30.70
	304-092425-26	9/24/2025	PP	7.76	25667	36.40
	304-120325-34	12/3/2025	PP	7.77	20368	22.00
Leachate, Cell 9	304-061825-26	6/18/2025	GB	7.74	22670	30.10
	304-092425-27	9/24/2025	GB	7.51	22585	32.30
	304-120325-35	12/3/2025	GB	7.63	16532	14.90

Notes:
DB = Dedicated bailer
DP = Dedicated pump
GB = Grab sample
NM = Not measured
SP = Submersible pump
PP = Peristaltic Pump

Groundwater Database - Inorganic Parameters
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Location	Sample ID	Sample Date	Alkalinity, Total	Ammonia	Chloride	Nitrate	Sulfate	Total Dissolved Solids	Total Organic Carbon	Total Suspended Solids
Monitoring Well										
MW-1A	--									
	304-061925-01	6/19/2025	91	0.1 U	2.1	0.5 U	4.8	150	1 U	4 U
	304-092325-01	9/23/2025	96	0.1 U	2	0.5 U	6.3	150	1 U	4 U
	304-120225-01	12/2/2025	98	0.1 U	2.1		6.5	140	0.66	3.2
MW-2A	304-032625-02	3/26/2025	130	0.16	3.9	0.5 U	30	220	1.3	4 U
	304-061925-02	6/19/2025	120	0.14	3.3	0.5 U	17	190	1 U	8.4
	304-092325-02	9/23/2025	130	0.17	3.6	0.5 U	22	210	1 U	4 U
	304-120225-02	12/2/2025	150	0.27	4		28	240	1.1	4 U
MW-3	304-032625-03	3/26/2025	190	0.15	4	0.5 U	31	270	1.8	4 U
	304-061925-03	6/19/2025	150	0.1	3.9	0.5 U	35	240	1 U	4 U
	304-092325-03	9/23/2025	150	0.13	3.9	0.5 U	36	230	1 U	4 U
	304-120225-03	12/2/2025	150	0.13	4.2		33	220	1.1	4 U
MW-4	304-032625-04	3/26/2025	180	0.13	6.9	0.5 U	15	240	1.3	21
	304-061925-04	6/19/2025	160	0.1 U	3.7	0.5 U	13	230	1 U	4 U
	304-092325-04	9/23/2025	170	0.1 U	3.2	0.5 U	11	240	1	4 U
	304-120325-04	12/3/2025	190	0.1 U	4.8		15	310	3.5	400
MW-5A	304-032625-05	3/26/2025	190	0.14	3.8	0.5 U	21	250	1.4	13
	304-061925-05	6/19/2025	170	0.14	3.6	0.5 U	19	240	1 U	4
	304-092325-05	9/23/2025	140	0.12	2.4	0.5 U	5.2	180	1 U	14
	304-120325-05	12/3/2025	160	0.15	2.7		9.1	210	1	10
MW-6	304-032625-06	3/26/2025	200	0.13	5.8	0.5 U	7.9	240	1.4	4 U
	304-061925-06	6/19/2025	170	0.14	5.3	0.5 U	7.4	230	1 U	4 U
	304-092325-06	9/23/2025	180	0.11	5.1	0.5 U	7.1	220	1.1	8.4
	304-120225-06	12/2/2025	220	0.19	6.3		8.8	260	1.4	5.6
MW-7	304-032625-07	3/26/2025	190	0.19	3.1	0.5 U	3.5	220	1.3	4 U
	304-061925-07	6/19/2025	180	0.22	3.3	0.5 U	2.7	220	1 U	4 U
	304-092325-07	9/23/2025	170	0.18	2.8	0.5 U	4.5	210	1 U	4 U
	304-120225-07	12/2/2025	180	0.22	3.2		5	200	0.89	2

Groundwater Database - Inorganic Parameters
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Location	Sample ID	Sample Date	Alkalinity, Total	Ammonia	Chloride	Nitrate	Sulfate	Total Dissolved Solids	Total Organic Carbon	Total Suspended Solids
MW-9	304-032625-09	3/26/2025	81	0.1 U	1.6	0.5 U	1.8	130	1 U	4 U
	304-061925-09	6/19/2025	63	0.36	1.6	0.5 U	1.7	130	1 U	4 U
	304-092325-09	9/23/2025	68	0.1 U	1.5	0.5 U	1.7	140	1 U	4 U
	304-120325-09	12/3/2025	70	0.1 U	2.1		1.6	130	0.51	4 U
MW-10	304-032625-11	3/26/2025	120	0.1 U	6.2	2.3	6.2	200	1.2	8
	304-061925-11	6/19/2025	110	0.1 U	6.2	2.4	6	190	1 U	4.4
	304-092325-11	9/23/2025	120	0.1 U	6.2	2.7	5.8	200	1 U	4 U
	304-120225-10	12/2/2025	110	0.1 U	6.1		5.7	190	0.72	4.4
Leak Detection System										
LDCS-1	304-032725-13	3/27/2025	190	0.72	4.8	0.5 U	4.7		140	-
	304-061825-12	6/18/2025	210	0.1 U	4.8	0.5 U	5.5	290	8.9	-
	304-092425-13	9/24/2025	340	0.27	5.2	0.5 U	4.2	400	4.9	-
	304-120425-12	12/4/2025	240	0.075	5.9		5.3	290	4.2	-
LDCS-2A	304-032725-14	3/27/2025	400	0.1 U	7.7	0.5 U	20		4.5	-
	304-061825-13	6/18/2025	410	0.17	11	0.5 U	46	470	5.9	-
	304-092425-14	9/24/2025	450	0.1 U	7.8	0.5 U	20	530	3.3	-
	304-120425-13	12/4/2025	440	0.48	11		15	500	7.6	-
LDCS-2B	304-032725-15	3/27/2025	420	3.1	24	0.5 U	24		92	-
	304-061825-14	6/18/2025	340	0.31	27	0.5 U	48	480	6.1	-
	304-092425-15	9/24/2025	430	0.21	21	0.5 U	45	570	4.7	-
	304-120325-14	12/3/2025	400	0.15	18		44	510	4.9	-
LDCS-3A	304-032725-16	3/27/2025	390	0.11	4.3	0.5 U	42		3.1	-
	304-061825-15	6/18/2025	420	0.23	4.5	0.5 U	52	530	2.2	-
	304-092425-16	9/24/2025	450	0.18	4.7	0.5 U	47	550	2.5	-
	304-120325-15	12/3/2025	400	0.27	5.5		49	500	3.4	-
LDCS-4A	304-032725-17	3/27/2025	230	0.1 U	25	0.5 U	54		7.3	-
	304-061825-16	6/18/2025	380	0.12	30	0.5 U	54	530	6.9	-
	304-092425-17	9/24/2025	350	0.18	28	0.5 U	54	500	5.2	-
	304-120425-16	12/4/2025	220	0.085	13		33	330	9.3	-

Groundwater Database - Inorganic Parameters
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Location	Sample ID	Sample Date	Alkalinity, Total	Ammonia	Chloride	Nitrate	Sulfate	Total Dissolved Solids	Total Organic Carbon	Total Suspended Solids
LDCS-4B	304-032725-18	3/27/2025	280	0.11	46	0.5 U	49		7.5	-
	304-061825-17	6/18/2025	350	0.24	35	0.5 U	83	560	5.5	-
	304-092425-18	9/24/2025	350	0.76	33	0.5 U	60	530	9.4	-
	304-120425-17	12/4/2025	280	0.15	21		45	420	11	-
LDCS-5	304-032725-19	3/27/2025	190	0.1 U	25	0.5 U	45		23	-
	304-061825-18	6/18/2025	330	0.23	29	0.5 U	70	510	7.2	-
	304-092425-19	9/24/2025	370	0.29	26	0.5 U	59	520	8.7	-
	304-12042025-18	12/4/2025	290	0.042	19		51	450	7.9	-
LDCS-6	304-032725-20	3/27/2025	500	0.29	68	0.5 U	130		4.6	-
	304-061825-19	6/18/2025	480	0.2	35	0.5 U	110	720	3.6	-
	304-092425-20	9/24/2025	450	0.1 U	45	0.5 U	120	740	3.7	-
	304-12042025-19	12/4/2025	450	0.1 U	46		120	720	3.3	-
LDCS-7	304-032725-21	3/27/2025	320	0.1 U	4.5	0.5 U	35		5.6	-
	304-061825-20	6/18/2025	360	0.18	5.5	0.5 U	9.2	480	41	-
	304-092425-21	9/24/2025	410	0.14	5.2	0.5 U	5.9	490	7	-
	304-120325-20	12/3/2025	270	0.087	6.6		100	470	5.8	-
LDCS-8	304-032725-22	3/27/2025	480	0.1 U	20	0.5 U	40		6.9	-
	304-061825-21	6/18/2025	480	0.1 U	22	0.5 U	64	640	6.2	-
	304-092425-22	9/24/2025	510	0.1 U	25	0.5 U	64	660	5.1	-
	304-12042025-22	12/4/2025	450	0.071	24		68	610	4.7	-
LDCS-9	304-032725-23	3/27/2025	360	0.1 U	4.8	0.5 U	19		2.7	-
	304-061825-23	6/18/2025	380	0.1 U	5.2	0.5 U	18	450	2	-
	304-092425-23	9/24/2025	350	0.11	10	0.5 U	60	490	3.4	-
	304-12172025-001	12/17/2025	620	0.26	24		80	790	6.5	-

Groundwater Database - Inorganic Parameters
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Location	Sample ID	Sample Date	Alkalinity, Total	Ammonia	Chloride	Nitrate	Sulfate	Total Dissolved Solids	Total Organic Carbon	Total Suspended Solids
Leachate										
Leachate, Cell 1	304-120325-25	12/3/2025	5000	950	3900		2.7	11000	1000	-
Leachate, Cell 2A	304-120325-26	12/3/2025	8600	1600	2900		10	12000	1400	-
Leachate, Cell 2B	304-120325-27	12/3/2025	8700	1800	3100		4	13000	1200	-
Leachate, Cell 3A	304-120325-28	12/3/2025	7400	1500	2500		3 U	10000	1000	-
Leachate, Cell 4A	304-120325-29	12/3/2025	14000	3200	5900		3 U	22000	2400	-
Leachate, Cell 4B	304-120325-30	12/3/2025	15000	2700	6400		3 U	23000	2400	-
Leachate, Cell 5	304-120325-31	12/3/2025	13000	2700	3600		1.6	17000	1700	-
Leachate, Cell 6	304-061825-22	6/18/2025	15000	3600	4200	1.8	7.4	23000	3700	-
	304-092425-24	9/24/2025	15000	2500	4200	0.5 U	83	21000	3400	-
	304-120325-32	12/3/2025	9700	1900	3200		19	14000	1600	-
Leachate, Cell 7	304-061825-24	6/18/2025	11000	1800	3200	1.3	3 U	15000	2100	-
	304-092425-25	9/24/2025	7800	1700	2800	0.5 U	290	11000	1200	-
	304-120325-33	12/3/2025	8600	1900	2400		31	12000	1400	-
Leachate, Cell 8	304-061825-25	6/18/2025	9900	1900	2600	0.99	27	14000	1700	-
	304-092425-26	9/24/2025	11000	2600	2800	0.5 U	80	14000	1900	-
	304-120325-34	12/3/2025	9100	2700	2000		30	10000	1300	-
Leachate, Cell 9	304-061825-26	6/18/2025	9600	1900	2700	1.1	3 U	14000	1500	-
	304-092425-27	9/24/2025	8700	1900	2500	0.5 U	3 U	12000	1300	-
	304-120325-35	12/3/2025	6700	2000	2100		21	10000	1300	-
Quality Control										
QC, FB	304-032625-12	3/26/2025	10 U	0.1 U	0.23	0.5 U	0.5 U	10 U	1 U	4 U
QC, FB	304-061925-12	6/19/2025	10 U	0.14	0.2 U	0.5 U	0.5 U	10 U	1 U	4 U
QC, FB	304-092325-12	9/23/2025	10 U	0.1 U	0.2 U	0.5 U	0.5 U	10 U	1 U	4 U
QC, FB	304-120425-21	12/4/2025	10 U	0.1 U	3 U		1.4	10 U	1 U	

Notes:
H = Sample was prepped or analyzed beyond the specified holding time
U = Sample result was not reported at or above the MRL
- = Not analyzed

Groundwater Database - Appendix I Metals
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Location	Sample Number	Sample Date	Antimony, Dissolved	Antimony, Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Chromium, Dissolved	Chromium, Total	Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Lead, Dissolved	Lead, Total	Nickel, Dissolved	Nickel, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Monitoring Well																																
MW-1A	--																															
	304-061925-01	6/19/2025		0.05 U		0.005 U		0.018		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-092325-01	9/23/2025		0.05 U		0.005 U		0.023		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-120225-01	12/2/2025		0.00061		0.0022		0.022		0.001 U		0.00029		0.0013		0.00088		0.0038		0.0015		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.062
MW-2A	304-032625-02	3/26/2025		0.05 U		0.005 U		0.014		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-061925-02	6/19/2025		0.05 U		0.005 U		0.014		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-092325-02	9/23/2025		0.05 U		0.005 U		0.014		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-120225-02	12/2/2025		0.05 U		0.0032		0.017		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
MW-3	304-032625-03	3/26/2025		0.05 U		0.005 U		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-061925-03	6/19/2025		0.05 U		0.005 U		0.017		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-092325-03	9/23/2025		0.05 U		0.005 U		0.012		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-120225-03	12/2/2025		0.05 U		0.004		0.013		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
MW-4	304-032625-04	3/26/2025		0.05 U		0.011		0.02		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.024
	304-061925-04	6/19/2025		0.05 U		0.0088		0.017		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.02
	304-092325-04	9/23/2025		0.05 U		0.011		0.014		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.012
	304-120325-04	12/3/2025		0.0055		0.02		0.19		0.00037		0.00093		0.035		0.011		0.14		0.092		0.034		0.005 U		0.00027		0.005 U		0.049		0.65
MW-5A	304-032625-05	3/26/2025		0.05 U		0.0075		0.022		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-061925-05	6/19/2025		0.05 U		0.005 U		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-092325-05	9/23/2025		0.05 U		0.005 U		0.014		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-120325-05	12/3/2025		0.05 U		0.0054		0.017		0.001 U		0.001 U		0.005 U		0.00043		0.0024		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.0038		0.0066
MW-6	304-032625-06	3/26/2025		0.05 U		0.0066		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-061925-06	6/19/2025		0.05 U		0.0061		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-092325-06	9/23/2025		0.05 U		0.0079		0.079		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-120225-06	12/2/2025		0.05 U		0.0081		0.046		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
MW-7	304-032625-07	3/26/2025		0.05 U		0.0052		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-061925-07	6/19/2025		0.05 U		0.005 U		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-092325-07	9/23/2025		0.05 U		0.0065		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
	304-120225-07	12/2/2025		0.05 U		0.0056		0.016		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U
MW-9	304-032625-09	3/26/2025		0.05 U		0.005 U		0.0053		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.014		0.01 U
	304-061925-09	6/19/2025		0.05 U		0.005 U		0.005 U		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.014		0.01 U
	304-092325-09	9/23/2025		0.05 U		0.005 U		0.005 U		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.016		0.01 U
	304-120325-09	12/3/2025		0.05 U		0.0018		0.0039		0.001 U		0.001 U		0.005 U		0.001 U		0.0018		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.016		0.01 U
MW-10	304-032625-11	3/26/2025		0.05 U		0.005 U		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.013
	304-061925-11	6/19/2025		0.05 U		0.005 U		0.013		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.012
	304-092325-11	9/23/2025		0.05 U		0.005 U		0.014		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.017
	304-120225-10	12/2/2025		0.05 U		0.00084		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.0031		0.00076		0.02 U		0.005 U		0.001 U		0.005 U		0.0051		0.012

Groundwater Database - Appendix I Metals
2025 Annual Monitoring Report
LRI Landfill, Pierce County, Washington

Location	Sample Number	Sample Date	Antimony, Dissolved	Antimony, Total	Arsenic, Dissolved	Arsenic, Total	Barium, Dissolved	Barium, Total	Beryllium, Dissolved	Beryllium, Total	Cadmium, Dissolved	Cadmium, Total	Chromium, Dissolved	Chromium, Total	Cobalt, Dissolved	Cobalt, Total	Copper, Dissolved	Copper, Total	Lead, Dissolved	Lead, Total	Nickel, Dissolved	Nickel, Total	Selenium, Dissolved	Selenium, Total	Silver, Dissolved	Silver, Total	Thallium, Dissolved	Thallium, Total	Vanadium, Dissolved	Vanadium, Total	Zinc, Dissolved	Zinc, Total
Leak Detection System																																
LDCS-1	304-032725-13	3/27/2025	0.05 U		0.012		0.013		0.001 U		0.001 U		0.005 U		0.0014		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-061825-12	6/18/2025	0.05 U		0.0092		0.022		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-092425-13	9/24/2025	0.05 U		0.005 U		0.028		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-120425-12	12/4/2025	0.05 U		0.0087		0.022		0.001 U		0.001 U		0.005 U		0.00067		0.01 U		0.002 U		0.0012		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
LDCS-2A	304-032725-14	3/27/2025	0.05 U		0.0067		0.073		0.001 U		0.001 U		0.005 U		0.0024		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-061825-13	6/18/2025	0.05 U		0.016		0.041		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-092425-14	9/24/2025	0.05 U		0.005 U		0.029		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-120425-13	12/4/2025	0.05 U		0.012		0.054		0.001 U		0.001 U		0.005 U		0.00032		0.01 U		0.002 U		0.0012		0.005 U		0.001 U		0.005 U		0.005 U		0.02	
LDCS-2B	304-032725-15	03/27/25	0.05 U		0.026		0.054		0.001 U		0.001 U		0.005 U		0.0037		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-061825-14	06/18/25	0.05 U		0.11		0.062		0.001 U		0.001 U		0.005 U		0.0032		0.042		0.0025		0.02 U								0.005 U		0.051	
	304-092425-15	09/24/25	0.05 U		0.015		0.027		0.001 U		0.001 U		0.005 U		0.0056		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-120325-14	12/03/25	0.05 U		0.014		0.025		0.001 U		0.001 U		0.005 U		0.0052		0.01 U		0.002 U		0.0084		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
LDCS-3A	304-032725-16	03/27/25	0.05 U		0.011		0.019		0.001 U		0.001 U		0.005 U		0.0042		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-061825-15	06/18/25	0.05 U		0.021		0.023		0.001 U		0.001 U		0.005 U		0.0035		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-092425-16	09/24/25	0.05 U		0.0092		0.024		0.001 U		0.001 U		0.005 U		0.0025		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-120325-15	12/03/25	0.05 U		0.017		0.022		0.001 U		0.001 U		0.005 U		0.004		0.01 U		0.002 U		0.0019		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
LDCS-4A	304-032725-17	03/27/25	0.05 U		0.005 U		0.015		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-061825-16	06/18/25	0.05 U		0.0071		0.031		0.001 U		0.001 U		0.005 U		0.0029		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-092425-17	09/24/25	0.05 U		0.0099		0.03		0.001 U		0.001 U		0.005 U		0.0018		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-120425-16	12/04/25	0.05 U		0.0016		0.017		0.001 U		0.001 U		0.005 U		0.00088		0.016		0.002 U		0.0026		0.005 U		0.001 U		0.005 U		0.0038		0.01 U	
LDCS-4B	304-032725-18	03/27/25	0.05 U		0.005 U		0.02		0.001 U		0.001 U		0.005 U		0.0012		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-061825-17	06/18/25	0.05 U		0.023		0.033		0.001 U		0.001 U		0.005 U		0.0011		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-092425-18	09/24/25	0.05 U		0.031		0.027		0.001 U		0.001 U		0.005 U		0.0014		0.01 U		0.002 U		0.02 U								0.005 U		0.01 U	
	304-120425-17	12/04/25	0.05 U		0.0034		0.018		0.001 U		0.001 U		0.005 U		0.0014		0.0087		0.002 U		0.0019		0.005 U		0.001 U		0.005 U		0.0018		0.01 U	
LDCS-5	304-032725-19	03/27/25	0.05 U		0.005 U		0.034		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-061825-18	06/18/25	0.05 U		0.005		0.04		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-092425-19	09/24/25	0.05 U		0.005 U		0.043		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-12042025-18	12/04/25	0.05 U		0.0054		0.026		0.001 U		0.001 U		0.005 U		0.001 U		0.0015		0.002 U		0.0025		0.005 U		0.001 U		0.005 U		0.0043		0.01 U	
LDCS-6	304-032725-20	03/27/25	0.05 U		0.005 U		0.063		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-061825-19	06/18/25	0.05 U		0.005 U		0.053		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-092425-20	09/24/25	0.05 U		0.005 U		0.049		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.06	
	304-12042025-19	12/04/25	0.05 U		0.0066		0.038		0.001 U		0.001 U		0.005 U		0.00026		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
LDCS-7	304-032725-21	03/27/25	0.05 U		0.012		0.026		0.001 U		0.001 U		0.005 U		0.0016		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-061825-20	06/18/25	0.05 U		0.012		0.032		0.001 U		0.001 U		0.005 U		0.0021		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-092425-21	09/24/25	0.05 U		0.0087		0.034		0.001 U		0.001 U		0.005 U		0.0023		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-120325-20	12/03/25	0.05 U		0.01		0.028		0.001 U		0.001 U		0.005 U		0.0012		0.01 U		0.002 U		0.0017		0.005 U		0.001 U		0.005 U		0.0015		0.01 U	
LDCS-8	304-032725-22	03/27/25	0.05 U		0.0063		0.04		0.001 U		0.001 U		0.005 U		0.0018		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-061825-21	06/18/25	0.05 U		0.0086		0.046		0.001 U		0.001 U		0.005 U		0.0014		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-092425-22	09/24/25	0.05 U		0.0088		0.053		0.001 U		0.001 U		0.005 U		0.0012		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-12042025-22	12/04/25	0.05 U		0.0049		0.048		0.001 U		0.001 U		0.005 U		0.0016		0.01 U		0.002 U		0.0037		0.005 U		0.001 U		0.005 U		0.005 U		0.0053	
LDCS-9	304-032725-23	03/27/25	0.05 U		0.005 U		0.036		0.001 U		0.001 U		0.005 U		0.0015		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-061825-23	06/18/25	0.05 U		0.0054		0.039		0.001 U		0.001 U		0.005 U		0.0034		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-092425-23	09/24/25	0.05 U		0.005 U		0.043		0.001 U		0.001 U		0.005 U		0.0033		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
	304-12172025-001	12/17/25	0.00059		0.00096		0.037		0.001 U		0.001 U		0.005 U		0.003		0.0034		0.002 U		0.0057		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
Leachate																																
Leachate, Cell 1	304-120325-25	12/3/2025			0.075		0.21		0.82		0.001 U		0.001 U		0.22		0.021		0.023		0.0067		0.48		0.0014		0.001 U		0.00025		0.13		0.017	
Leachate, Cell 2A	304-120325-26	12/3/2025			0.042		0.24		0.97		0.0013 U		0.0013 U		0.48		0.042		0.033		0.014		0.5		0.005 U		0.0013 U		0.005 U		0.27		0.071	
Leachate, Cell 2B	304-120325-27	12/3/2025			0.044		0.19		0.99		0.0013 U		0.0013 U		0.52		0.041		0.02		0.014		0.55		0.005 U		0.0013 U		0.005 U		0.36		0.048	
Leachate, Cell 3A	304-120325-28	12/3/2025			0.0059		0.053		0.88		0.001 U		0.001 U		0.35		0.035		0.0089		0.011		0.35		0.00073		0.001 U		0.005 U		0.18		0.044	
Leachate, Cell 4A	304-120325-29	12/3/2025			0.036		0.17		1.2		0.0013 U		0.0013 U		0.61		0.038		0.098		0.015		0.58		0.005 U		0.0013 U		0.005 U		0.11		0.082	
Leachate, Cell 4B	304-120325-30	12/3/2025			0.026		0.13		1.2		0.0013 U		0.0013 U		0.59		0.038		0.088		0.015		0.57		0.0025		0.0013 U		0.005 U		0.11		0.057	
Leachate, Cell 5	304-120325-31	12/3/2025			0.048		0.22		0.87		0.0013 U		0.0013 U		0.64		0.057		0.06		0.014		0.61		0.005 U		0.0013 U		0.005 U		0.14		0.096	
Leachate, Cell 6	304-061825-22	6/18/2025			0.05 U		0.38		1.2		0.0013 U		0.0013 U		0.98		0.051		0.069		0.023		0.52		0.005 U		0.0025 U		0.005 U		0.15		0.2	
	304-092425-24	9/24/2025			0.05 U		0.4		1.2		0.0013 U		0.0013 U		0.92		0.05		0.051		0.017		0.52		0.005 U		0.0013 U		0.005 U		0.17		0.16	
	304-120325-32	12/3/2025			0.055		0.42		0.86		0.0013 U		0.0013 U		0.76		0.038		0.05		0.017		0.32		0.005 U		0.0013 U		0.005 U		0.19		0.14	
Leachate, Cell 7	304-061825-24	6/18/2025			0.069		0.64		1.2		0.0013 U		0.0013 U		1.2		0.049		0.13		0.04		0.41		0.005 U		0.0025 U		0.005 U		0.31		0.34	
	304-092425-25	9/24/2025			0.072		0.26		0.81		0.0013 U		0.0013 U		0.57		0.041		0.028		0.013		0.45		0.005 U		0.0013 U		0.005 U		0.29		0.089	
	304-120325-33	12/3/2025			0.055		0.46		0.73		0.0013 U		0.0013 U		0.8		0.036		0.051		0.019		0.28		0.005 U		0.0013 U		0.005 U		0.2		0.16	
Leachate, Cell 8	304-061825-25	6/18/2025			0.05 U		0.38		1.1		0.0013 U		0.0013 U		0.93		0.06		0.043		0.021		0.37		0.005 U		0.0025 U		0.005 U		0.17		0.23	
	304-092425-26	9/24/2025			0.05 U		0.37		0.92		0.0013 U		0.0013 U		0.98		0.054		0.042		0.022		0.33		0.005 U		0.0013 U		0.005 U		0.18		0.22	
	304-120325-34	12/3/2025			0.035		0.26		0.79		0.0013 U		0.0013 U		0.8		0.047		0.041		0.019		0.29		0.005 U		0.0013 U		0.005 U		0.15		0.16	
Leachate, Cell 9	304-061825-26	6/18/2025			0.05 U		0.14		0.93		0.0013 U		0.0015		0.85		0.063		0.22		0.13		0.69		0.005 U		0.0025 U		0.005 U		0.14		0.98	
	304-092425-27	9/24/2025			0.05 U		0.078		0.99		0.0013 U		0.0013 U		0.89		0.069		0.2		0.13		0.75		0.005 U		0.0013 U		0.005 U		0.15		0.94	
	304-120325-35	12/3/2025			0.015		0.08		1.1		0.001 U		0.0009		0.38		0.048		0.13		0.06		0.42		0.002		0.001 U		0.005 U		0.11		0.71	
Quality Control																																
QC, FB	304-032625-12	3/26/2025		0.05 U		0.005 U		0.005 U		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
QC, FB	304-061925-12	6/19/2025		0.05 U		0.005 U		0.005 U		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
QC, FB	304-092325-12	9/23/2025		0.05 U		0.005 U		0.005 U		0.001 U		0.001 U		0.005 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	
QC, FB	304-120425-21	12/4/2025	0.05 U		0.002 U		0.005 U		0.001 U		0.001 U		0.2 U		0.001 U		0.01 U		0.002 U		0.02 U		0.005 U		0.001 U		0.005 U		0.005 U		0.01 U	

Notes:
U = Sample result was not reported at or above the MRL

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Location	Sample Number	Sample Date	Calcium, Dissolved	Calcium, Total	Iron, Dissolved	Iron, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Potassium, Dissolved	Potassium, Total	Sodium, Dissolved	Sodium, Total
Monitoring Well														
MW-1A														
	304-061925-01	6/19/2025	16		0.27		9.3		0.25		3.6		11	
	304-092325-01	9/23/2025	16		0.13		8.9		0.28		3.5		11	
	304-120225-01	12/2/2025	17		0.36		9.7		0.28		3.9		13	
MW-2A	304-032625-02	3/26/2025	30		0.86		14		0.32		4		18	
	304-061925-02	6/19/2025	25		0.8		13		0.28		3.7		17	
	304-092325-02	9/23/2025	27		0.25		13		0.29		3.9		17	
	304-120225-02	12/2/2025	36		1.1		16		0.31		4.8		21	
MW-3	304-032625-03	3/26/2025	46		0.1 U		20		0.4		4.4		15	
	304-061925-03	6/19/2025	39		0.1 U		17		0.29		4.1		14	
	304-092325-03	9/23/2025	37		0.1 U		16		0.26		3.9		14	
	304-120225-03	12/2/2025	41		0.1 U		18		0.27		4.2		15	
MW-4	304-032625-04	3/26/2025	37		0.1 U		20		0.18		6		15	
	304-061925-04	6/19/2025	34		0.1 U		18		0.061		6		14	
	304-092325-04	9/23/2025	32		0.1 U		17		0.14		5.8		14	
	304-120325-04	12/3/2025	36		0.1 U		14		0.028		5.3		14	
MW-5A	304-032625-05	3/26/2025	31		0.1 U		13		0.17		4.3		44	
	304-061925-05	6/19/2025	30		0.1 U		12		0.17		4.5		41	
	304-092325-05	9/23/2025	26		0.1 U		11		0.15		3.7		18	
	304-120325-05	12/3/2025	28		0.069		12		0.16		3.7		21	
MW-6	304-032625-06	3/26/2025	43		0.1 U		20		0.25		5.3		12	
	304-061925-06	6/19/2025	39		0.1 U		18		0.24		5.1		11	
	304-092325-06	9/23/2025	37		0.1 U		17		0.025		5		11	
	304-120225-06	12/2/2025	53		0.1 U		24		0.27		6.2		14	
MW-7	304-032625-07	3/26/2025	32		0.22		22		0.23		5.8		13	
	304-061925-07	6/19/2025	31		0.23		21		0.24		6.6		14	
	304-092325-07	9/23/2025	28		0.1 U		19		0.22		6.1		12	
	304-120225-07	12/2/2025	35		0.22		22		0.22		6		13	
MW-9	304-032625-09	3/26/2025	10		0.1 U		6.8		0.005 U		2 U		7.6	
	304-061925-09	6/19/2025	9.9		0.1 U		6.6		0.005 U		2		7.4	
	304-092325-09	9/23/2025	9.8		0.1 U		6.5		0.005 U		2 U		7.4	
	304-120325-09	12/3/2025	9.2		0.1 U		6.2		0.005 U		1.8		7.2	
MW-10	304-032625-11	3/26/2025	27		0.1 U		12		0.0098		2.1		13	
	304-061925-11	6/19/2025	27		0.1 U		12		0.005 U		2.3		14	
	304-092325-11	9/23/2025	25		0.24		11		0.005 U		2.3		13	
	304-120225-10	12/2/2025	26		0.1 U		11		0.005 U		2.4		14	

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Location	Sample Number	Sample Date	Calcium, Dissolved	Calcium, Total	Iron, Dissolved	Iron, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Potassium, Dissolved	Potassium, Total	Sodium, Dissolved	Sodium, Total
Leak Detection System														
LDCS-1	304-032725-13	3/27/2025	31		3.9		15		1.1		4.7		18	
	304-061825-12	6/18/2025	50		1.6		22		1.9		5.6		20	
	304-092425-13	9/24/2025	69		0.1 U		30		2.6		6.2		21	
	304-120425-12	12/4/2025	48		1.1		21		1.9		5.6		19	
LDCS-2A	304-032725-14	3/27/2025	96		0.41		39		18		9.7		31	
	304-061825-13	6/18/2025	97		1.7		40		2.8		9.5		31	
	304-092425-14	9/24/2025	96		0.1 U		38		2.3		9.5		30	
	304-120425-13	12/4/2025	94		3.4		37		2.1		9.5		29	
LDCS-2B	304-032725-15	3/27/2025	91		42		39		1.3		6.9		20	
	304-061825-14	6/18/2025	88		29		42		1.6		7.5		23	
	304-092425-15	9/24/2025	98		0.1 U		46		3		8		23	
	304-120325-14	12/3/2025	86		2		41		2.4		7.3		22	
LDCS-3A	304-032725-16	3/27/2025	98		0.62		42		4.1		6.4		23	
	304-061825-15	6/18/2025	100		5.6		45		3.5		6.5		24	
	304-092425-16	9/24/2025	99		0.1 U		44		4		6.6		23	
	304-120325-15	12/3/2025	90		4.5		38		4		5.4		21	
LDCS-4A	304-032725-17	3/27/2025	76		1.1		26		0.67		3.2		25	
	304-061825-16	6/18/2025	85		2.6		57		2.7		5.7		25	
	304-092425-17	9/24/2025	81		1.1		42		1.2		5.8		28	
	304-120425-16	12/4/2025	54		0.077		24		0.46		4.1		19	
LDCS-4B	304-032725-18	03/27/25	93		0.14		29		0.91		4.8		37	
	304-061825-17	06/18/25	99		3.5		46		1.3		6.5		33	
	304-092425-18	09/24/25	84		0.37		38		1.3		6.6		33	
	304-120425-17	12/04/25	78		0.29		25		0.89		4.7		26	
LDCS-5	304-032725-19	3/27/2025	50		0.27		21		0.63		7		46	
	304-061825-18	6/18/2025	82		0.1 U		46		0.96		6.9		36	
	304-092425-19	9/24/2025	79		0.1 U		45		0.9		7.1		34	
	304-12042025-18	12/4/2025	49		0.28		29		0.46		5.9		21	
LDCS-6	304-032725-20	3/27/2025	140		0.23		56		1.9		8		83	
	304-061825-19	6/18/2025	110		0.13		62		1.6		7.5		57	
	304-092425-20	9/24/2025	100		0.2		75		1.7		7.6		32	
	304-12042025-19	12/4/2025	100		0.1		71		1.2		7.6		39	
LDCS-7	304-032725-21	3/27/2025	83		2.7		31		2.8		4		21	
	304-061825-20	6/18/2025	89		0.83		38		3.4		5.1		27	
	304-092425-21	9/24/2025	83		0.1 U		34		3.9		5.2		26	
	304-120325-20	12/3/2025	86		1.9		27		1.3		3.3		16	
LDCS-8	304-032725-22	3/27/2025	90		0.1 U		73		1.7		5.3		29	
	304-061825-21	6/18/2025	88		2.7		82		1.6		5.9		25	
	304-092425-22	9/24/2025	79		1.4		82		1.9		6.8		24	
	304-12042025-22	12/4/2025	74		1.6		78		1.6		6.2		21	
LDCS-9	304-032725-23	3/27/2025	84		0.1 U		33		1.1		5.3		34	
	304-061825-23	6/18/2025	86		1.7		34		1.3		5.5		32	
	304-092425-23	9/24/2025	87		0.1 U		34		1.3		5.6		32	
	304-12172025-001	12/17/2025	180		0.1 U		44		1.5		4.7		76	

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Location	Sample Number	Sample Date	Calcium, Dissolved	Calcium, Total	Iron, Dissolved	Iron, Total	Magnesium, Dissolved	Magnesium, Total	Manganese, Dissolved	Manganese, Total	Potassium, Dissolved	Potassium, Total	Sodium, Dissolved	Sodium, Total
Leachate														
Leachate, Cell 1	304-120325-25	12/3/2025		40		4.2		48		0.64		500		2800
Leachate, Cell 2A	304-120325-26	12/3/2025		40		4.9		56		0.45		660		3100
Leachate, Cell 2B	304-120325-27	12/3/2025		32		6.5		54		0.18		690		3400
Leachate, Cell 3A	304-120325-28	12/3/2025		51		11		54		0.53		580		2600
Leachate, Cell 4A	304-120325-29	12/3/2025		26		8		140		0.19		1300		5300
Leachate, Cell 4B	304-120325-30	12/3/2025		23		6.6		130		0.13		1300		5200
Leachate, Cell 5	304-120325-31	12/3/2025		29		6.4		52		0.21		1000		4200
Leachate, Cell 6	304-061825-22	6/18/2025		44		6.4		130		0.35		1600		5600
	304-092425-24	9/24/2025		45		8.9		98		0.39		1400		5800
	304-120325-32	12/3/2025		50		1.5		74		0.9		770		2900
Leachate, Cell 7	304-061825-24	6/18/2025		69		1.4		110		1.3		1100		4000
	304-092425-25	9/24/2025		38		25		57		0.37		700		3100
	304-120325-33	12/3/2025		53		1.3		69		0.96		720		2700
Leachate, Cell 8	304-061825-25	6/18/2025		110		3.1		110		1.7		900		3500
	304-092425-26	9/24/2025		61		1.3		75		1		830		3200
	304-120325-34	12/3/2025		77		1.3		74		1.6		700		2600
Leachate, Cell 9	304-061825-26	6/18/2025		70		9.2		120		0.61		900		3100
	304-092425-27	9/24/2025		69		8.1		100		0.68		860		3000
	304-120325-35	12/3/2025		220		7.3		120		2.5		540		2000
Quality Control														
QC, FB	304-032625-12	3/26/2025	0.2 U		0.1 U		0.1 U		0.005 U		2 U		1 U	
QC, FB	304-061925-12	6/19/2025	0.2 U		0.1 U		0.1 U		0.005 U		2 U		1 U	
QC, FB	304-092325-12	9/23/2025	0.2 U		0.1 U		0.1 U		0.005 U		2 U		1 U	
QC, FB	304-120425-21	12/4/2025	0.2 U		0.1 U		0.1 U		0.005 U		2 U		1 U	

Notes:
U = Sample result was not reported at or above the MRL

Groundwater Database - Appendix I VOCs
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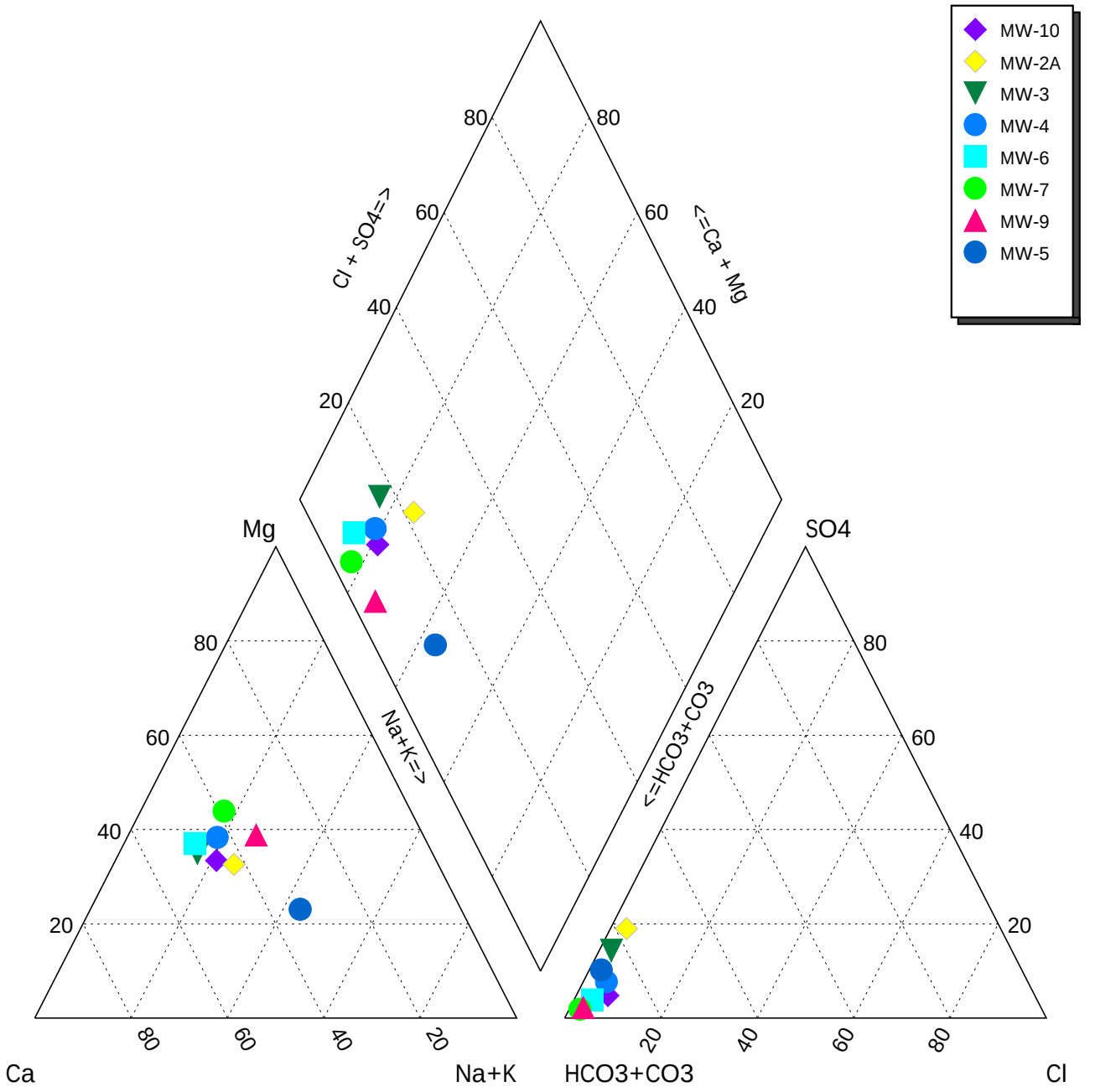
Location	Sample Number	Sample Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichloropropane	1,2-Dibromo-3-Chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dichlorobenzene	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Acrylonitrile	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Ethylbenzene	Iodomethane	Methylene Chloride	m-Xylene & p-Xylene	o-Xylene	Styrene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethene	Trichlorofluoromethane	Vinyl acetate	Vinyl chloride
Monitoring Well																																																		
MW-1A																																																		
	304-061925-01	6/19/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092325-01	9/23/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120225-01	12/2/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
MW-2A	304-032625-02	3/26/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061925-02	6/19/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092325-02	9/23/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120225-02	12/2/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
MW-3	304-032625-03	3/26/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061925-03	6/19/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092325-03	9/23/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120225-03	12/2/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
MW-4	304-032625-04	3/26/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061925-04	6/19/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092325-04	9/23/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120325-04	12/3/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	37	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
MW-5A	304-032625-05	3/26/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061925-05	6/19/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092325-05	9/23/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120325-05	12/3/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
MW-6	304-032625-06	3/26/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061925-06	6/19/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092325-06	9/23/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120225-06	12/2/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
MW-7	304-032625-07	3/26/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061925-07	6/19/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092325-07	9/23/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120225-07	12/2/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
MW-9	304-032625-09	3/26/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061925-09	6/19/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092325-09	9/23/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120325-09	12/3/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
MW-10	304-032625-11	3/26/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061925-11	6/19/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092325-11	9/23/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120225-10	12/2/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U

Groundwater Database - Appendix I VOCs
2025 Annual Monitoring Report
LRI Landfill, Pierce County, Washington

Location	Sample Number	Sample Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,3-Trichloropropane	1,2-Dibromo-3-Chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,4-Dichlorobenzene	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Acrylonitrile	Benzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dibromomethane	Ethylbenzene	Iodomethane	Methylene Chloride	m-Xylene & p-Xylene	o-Xylene	Styrene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	trans-1,4-Dichloro-2-butene	Trichloroethene	Trichlorofluoromethane	Vinyl acetate	Vinyl chloride
Leak Detection System																																																		
LDCS-1	304-032725-13	3/27/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.87	6 U	5 U	5 U	27	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-12	6/18/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.97	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-13	9/24/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	1.6	6 U	5 U	5 U	10 U	5 U	0.5	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120423-12	12/4/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	1.4	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-2A	304-032725-14	3/27/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.53	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-13	6/18/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.56	6 U	5 U	5 U	11	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-14	9/24/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120425-13	12/4/2025	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.31	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-2B	304-032725-15	03/27/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	1.1	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-14	06/18/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-15	09/24/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120325-14	12/03/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.56	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-3A	304-032725-16	03/27/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-15	06/18/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-16	09/24/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120325-15	12/03/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-4A	304-032725-17	03/27/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-16	06/18/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-17	09/24/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.51	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120425-16	12/04/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.46	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-4B	304-032725-18	03/27/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-17	06/18/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-18	09/24/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120425-17	12/04/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-5	304-032725-19	03/27/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-18	06/18/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-19	09/24/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-12042025-18	12/04/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-6	304-032725-20	03/27/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-19	06/18/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-20	09/24/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-12042025-19	12/04/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-7	304-032725-21	03/27/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	2.5	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-20	06/18/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	1.5	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-21	09/24/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	1.2	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.73	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-120325-20	12/03/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.37	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-8	304-032725-22	03/27/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.56	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-21	06/18/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-22	09/24/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.54	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-12042025-22	12/04/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.63	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.39	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
LDCS-9	304-032725-23	03/27/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	0.5 U	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	0.54	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-061825-23	06/18/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.53	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	1.3	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.67	0.5 U	2 U	0.81	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-092425-23	09/24/25	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	6 U	5 U	5 U	10 U	5 U	1.9	0.5 U	0.5 U	2 U	10 U	0.5 U	0.5 U	0.5 U	0.64 U	0.5 U	2 U	2.1	0.5 U	0.5 U	0.5 U	1 U	2.6 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3 U	0.5 U	0.5 U	3 U	0.5 U
	304-12172025-001	12/17/25	1 U	1.6	1 U	1 U	1.6	1.1	2 U	6 U	1 U	1 U	1 U	1.2	1.1	180	6 U	6 U	79	20 U	2.3	1 U	1 U	2 U	10 U	2 U	1.4	1.5	2.1	1.2	2.4	2	1 U	1 U	1 U	1.7	6 U	4 U	2 U	1.4	1 U	1.7	1.6	1.6	1 U	3 U	2	2.1	3 U	1.6
Leachate																																																		
Leachate, Cell 1	304-120325-25	12/3/2025	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	13 U	38 U	6.3 U	6.3 U	6.3 U	6.3 U	11	7300	38 U	200	9200	130 U	17	6.3 U	6.3 U	13 U	63 U	13 U	6.3 U	6.3 U	13 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	38	38 U	25 U	60	30	6.3 U	6.3 U	34	6.3 U	6.3 U	19 U	6.3 U	13 U	19 U	6.3 U
Leachate, Cell 2A	304-120325-26	12/3/2025	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	13 U	38 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	4000	38 U	97	4100	130 U	8.9	6.3 U	6.3 U	13 U	63 U	13 U	6.3 U	6.3 U	13 U	6.3 U	13 U	6.3 U	6.3 U	6.3 U	6.3 U	29	38 U	25 U	37	20	6.3 U	6.3 U	25	6.3 U	6.3 U	19 U	6.3 U	13 U	19 U	6.3 U
Leachate, Cell 2B	304-120325-27	12/3/2025	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	6.3 U	13 U	38 U	6.3 U	6.3 U	6.3 U	6.3 U	7.5	4800	38 U	160	5300	130 U	7	6.3 U	6.3 U	13 U

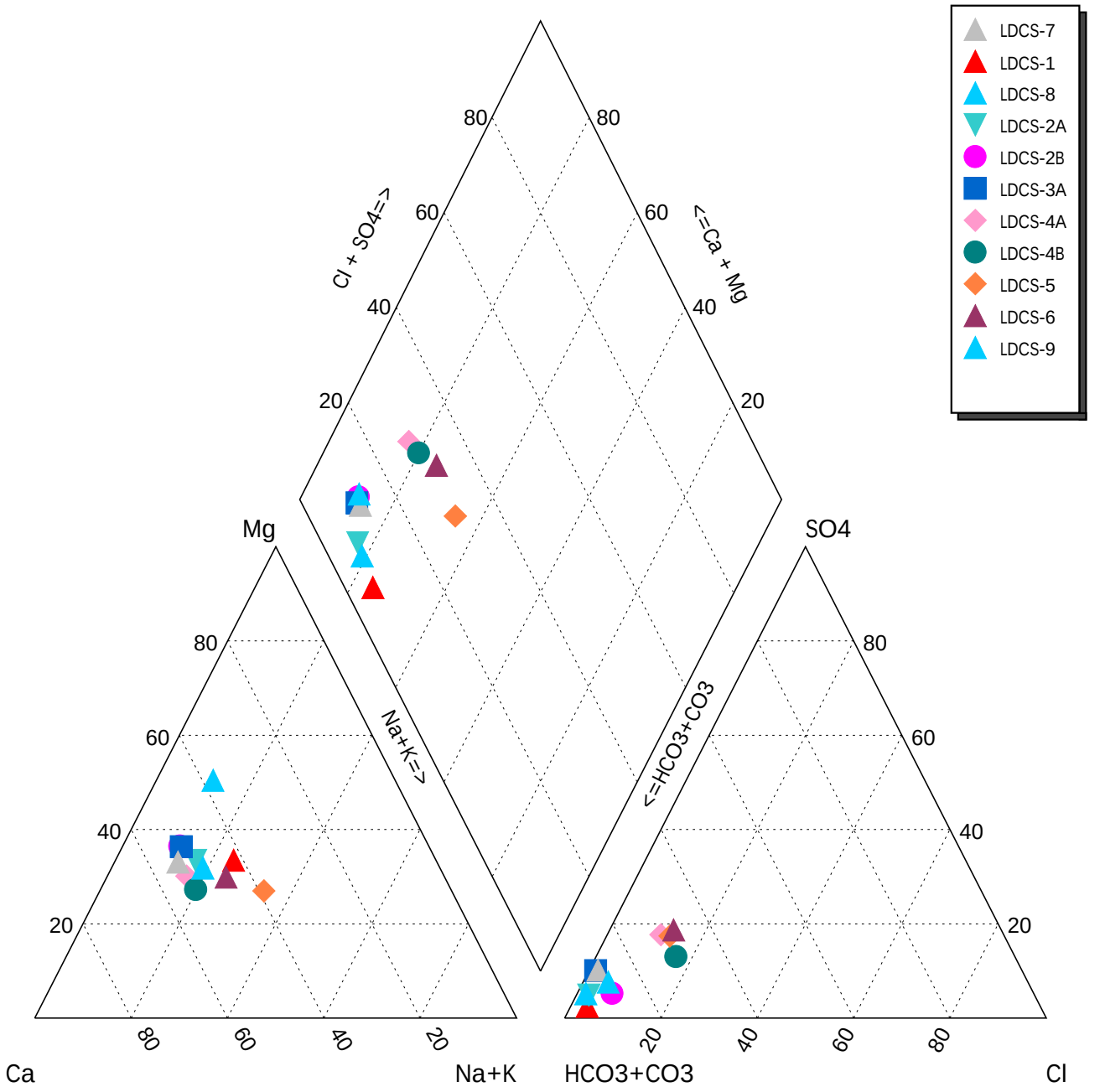
Appendix D

Geochemical Evaluation



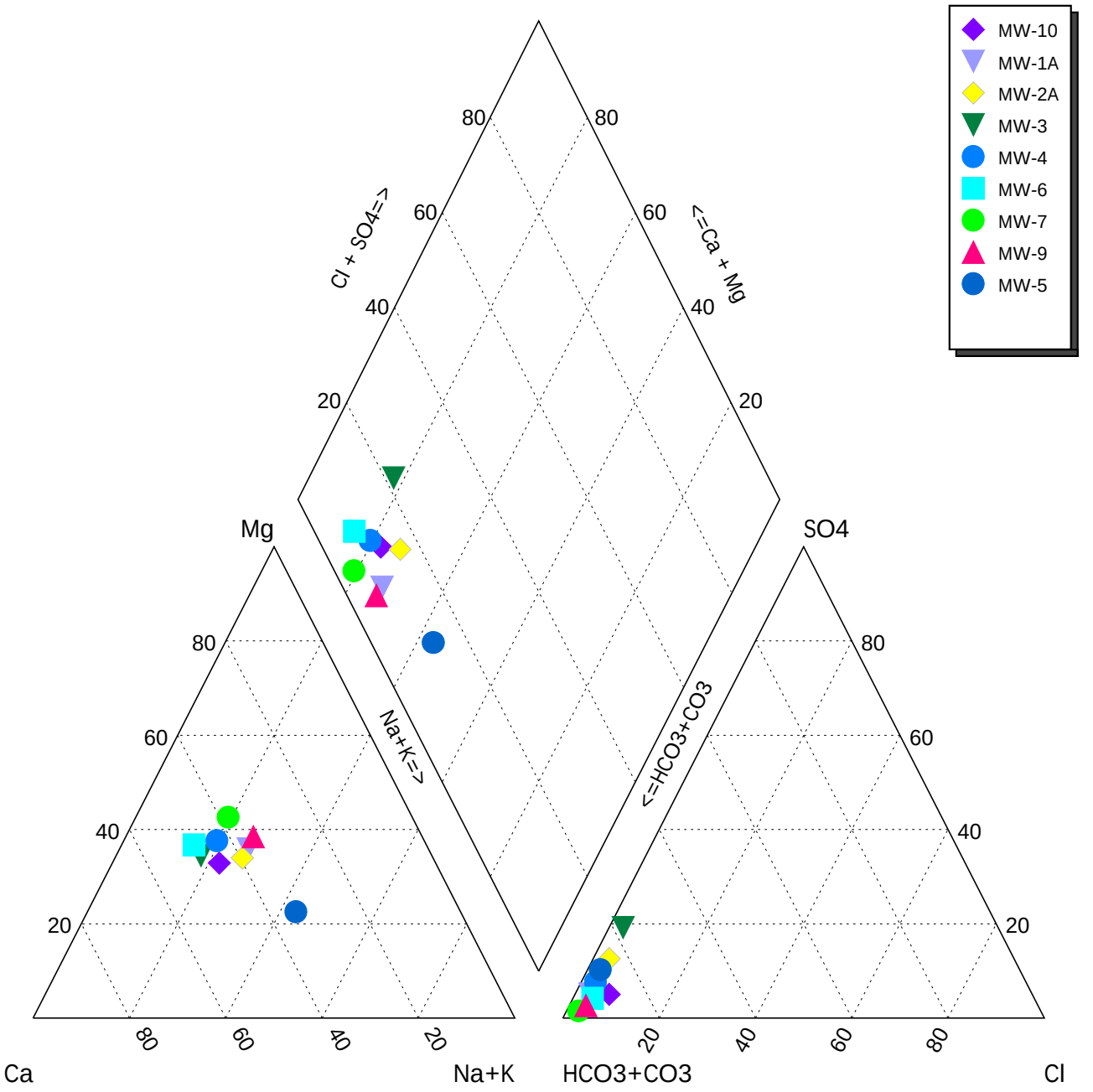
DESCRIPTION: Piper Diagram - 25Q1 Monitoring Wells

	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: March 2025



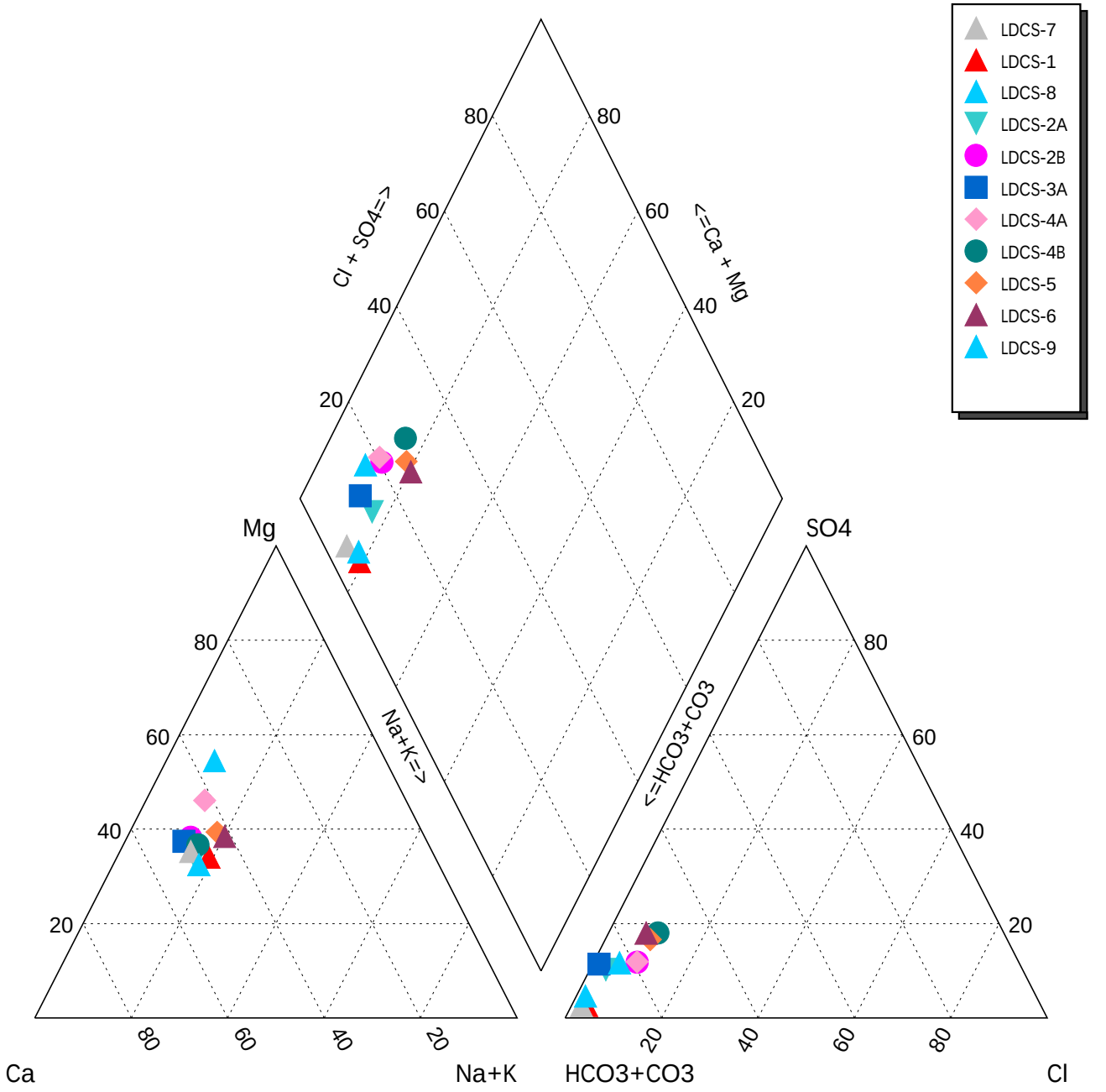
DESCRIPTION: Piper Diagram - 25Q1 LDCS

	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: March 2025



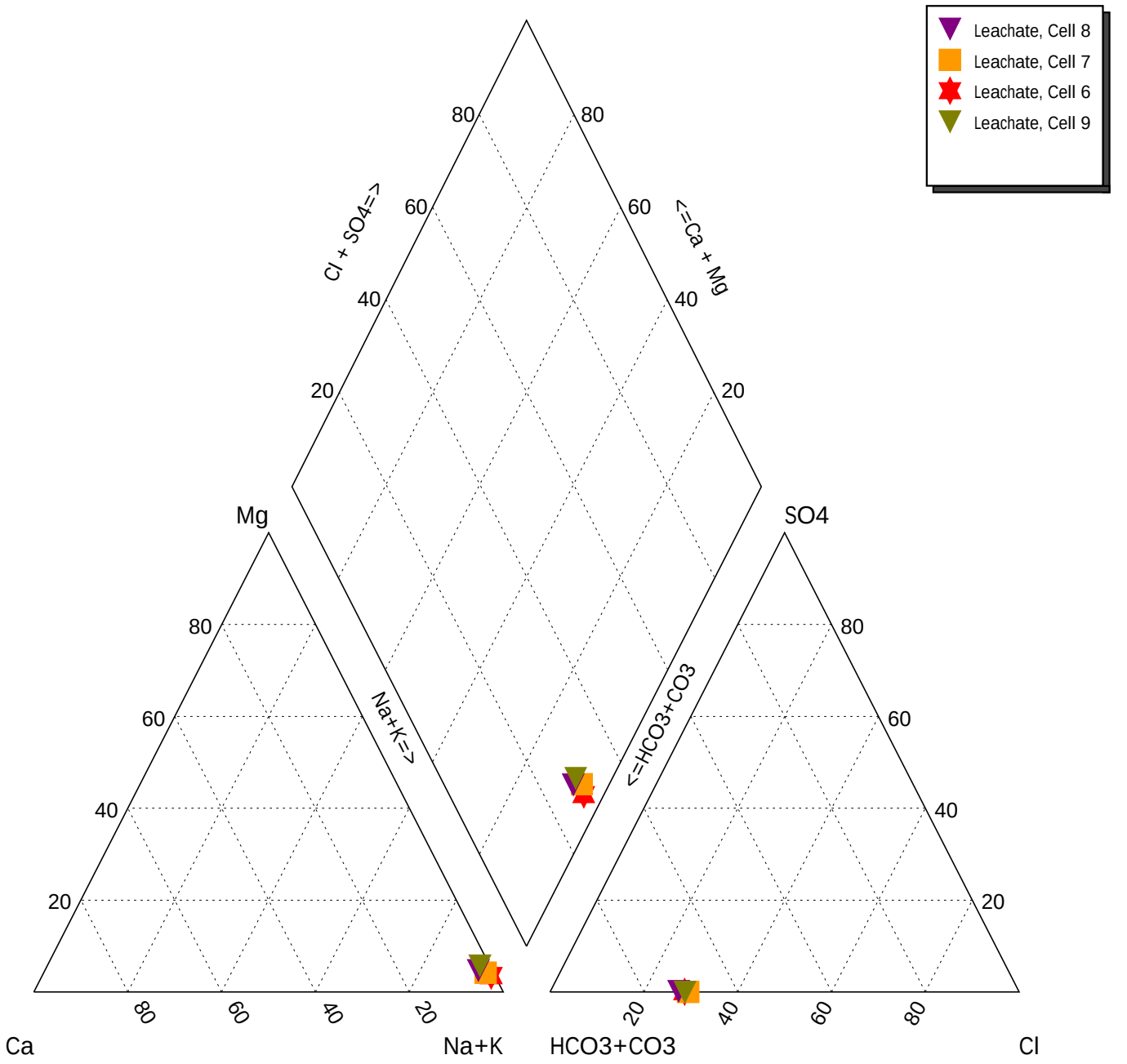
DESCRIPTION: Piper Diagram - 25Q2 Monitoring Wells

	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: June 2025

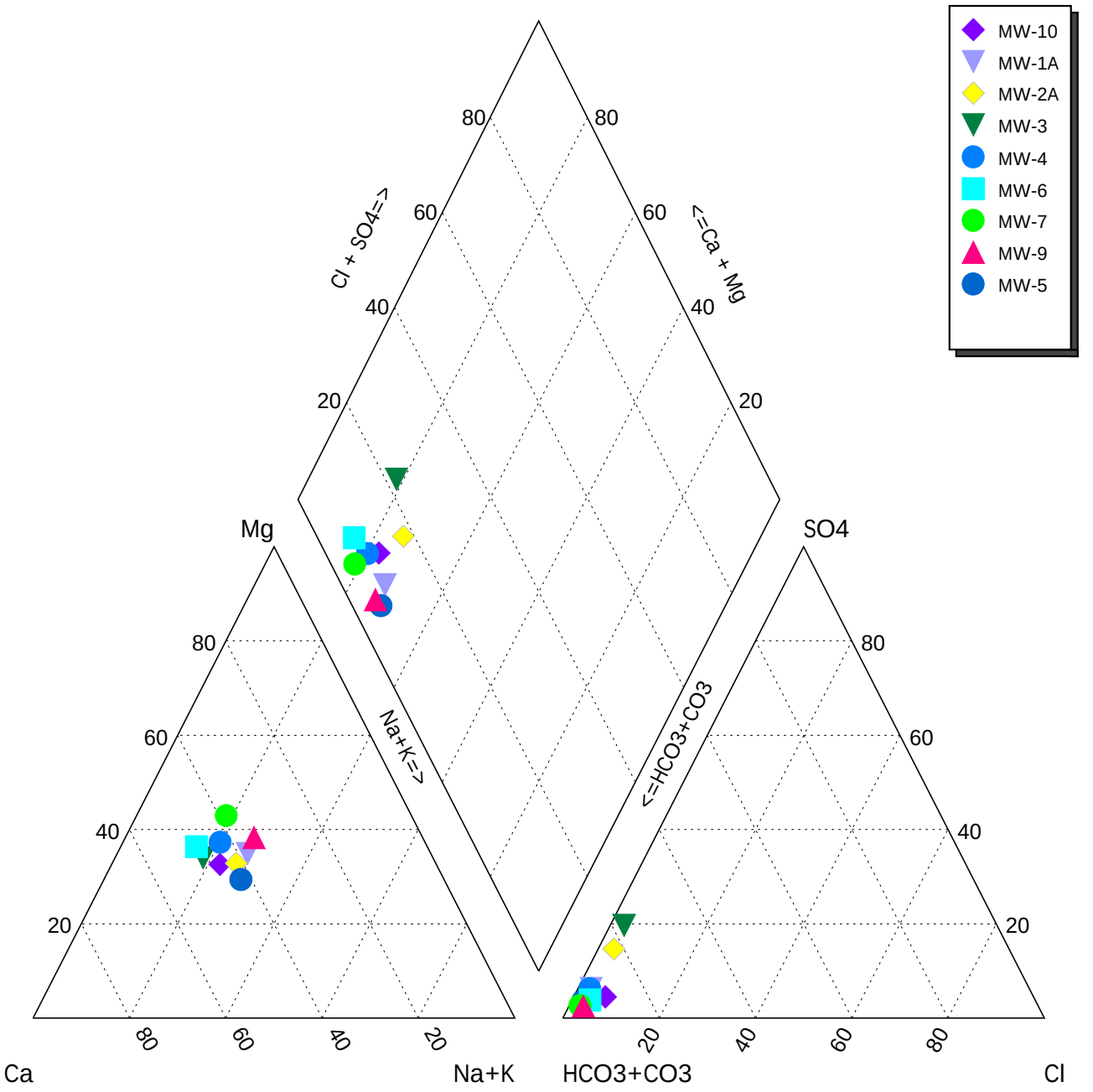


DESCRIPTION: Piper Diagram - 25Q2 LDCS

	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: June 2025

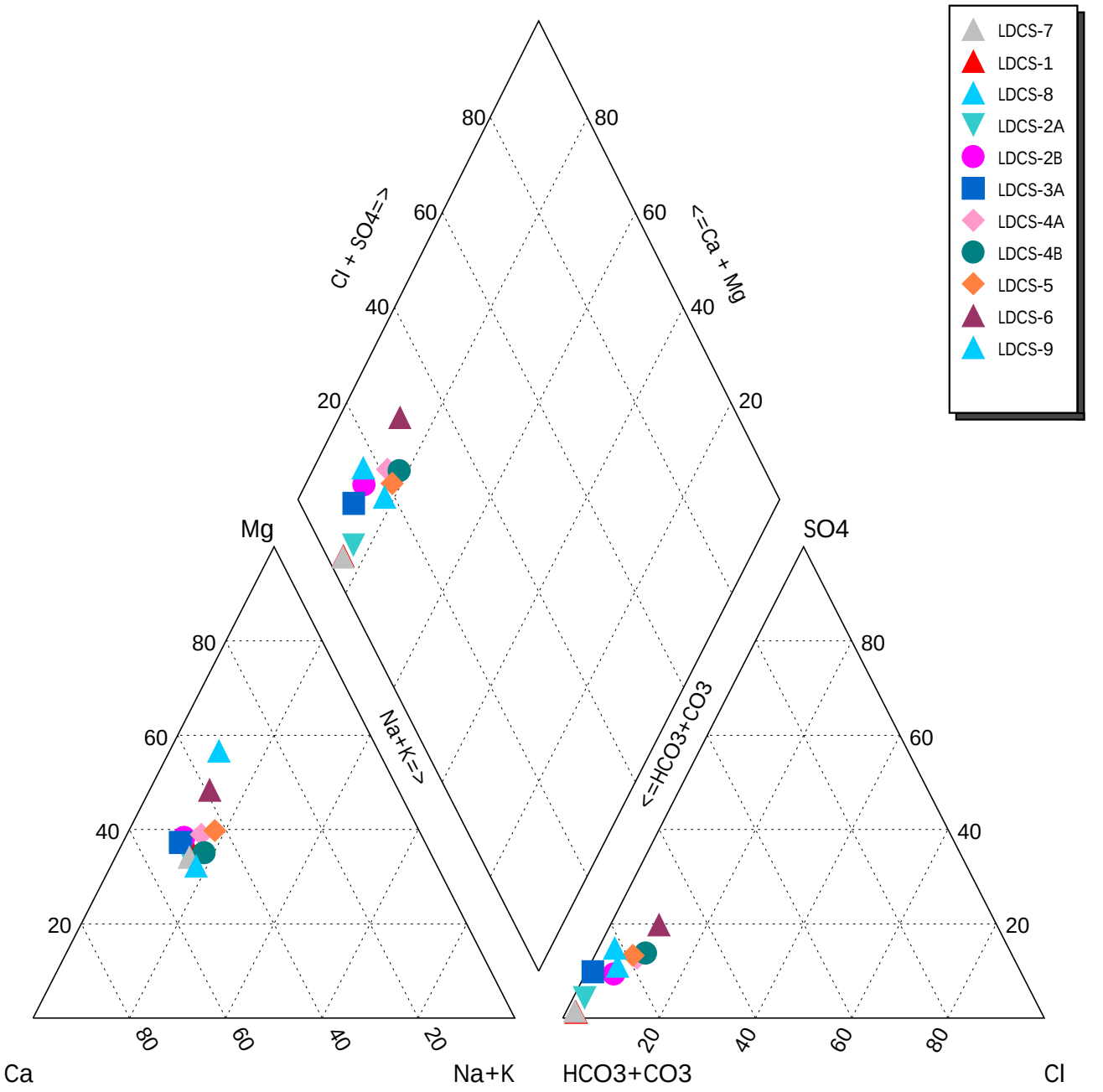


DESCRIPTION: Piper Diagram - 25Q2 Leachate		
	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: June 2025



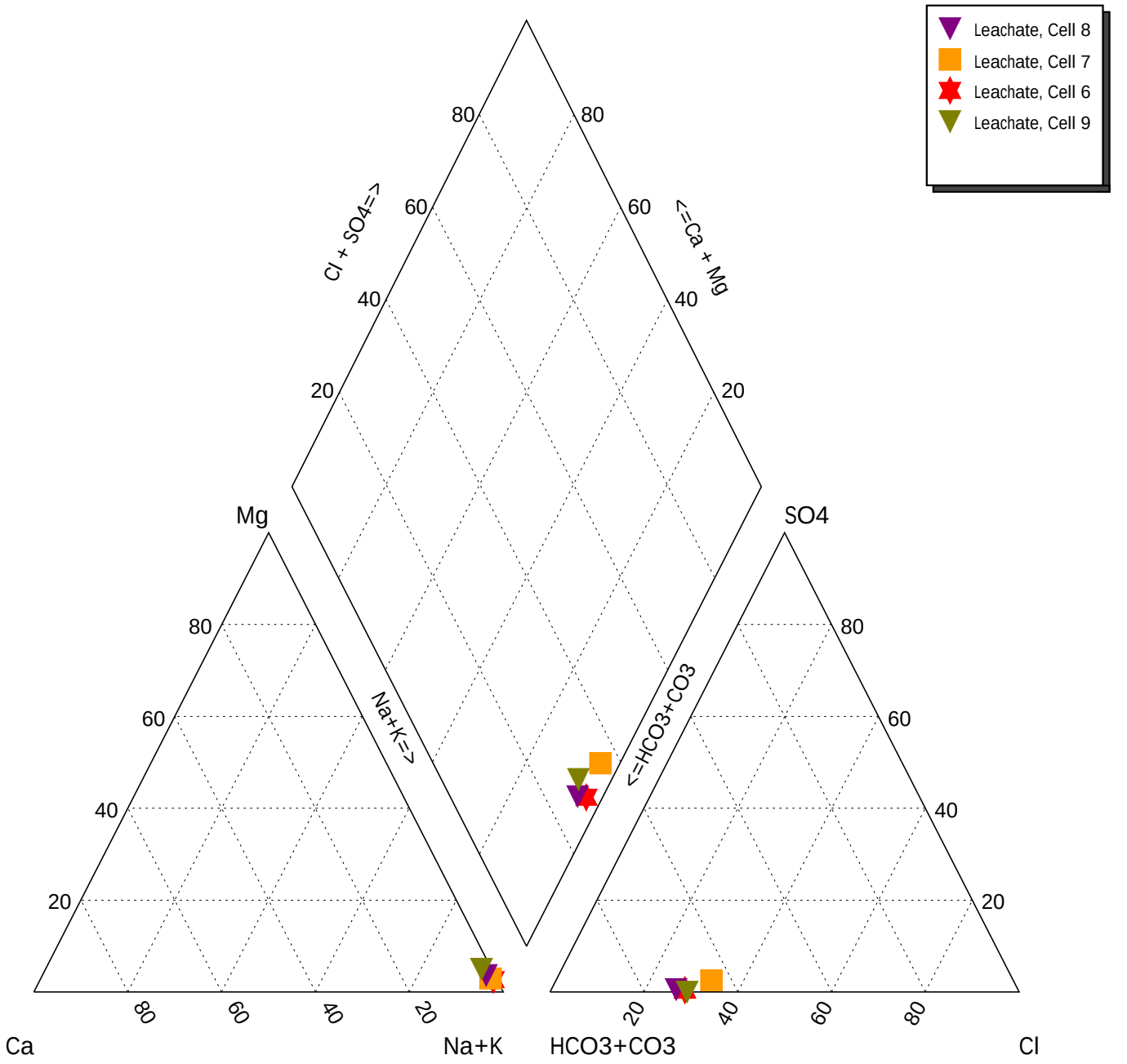
DESCRIPTION: Piper Diagram - 25Q3 Monitoring Wells

	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: September 2025

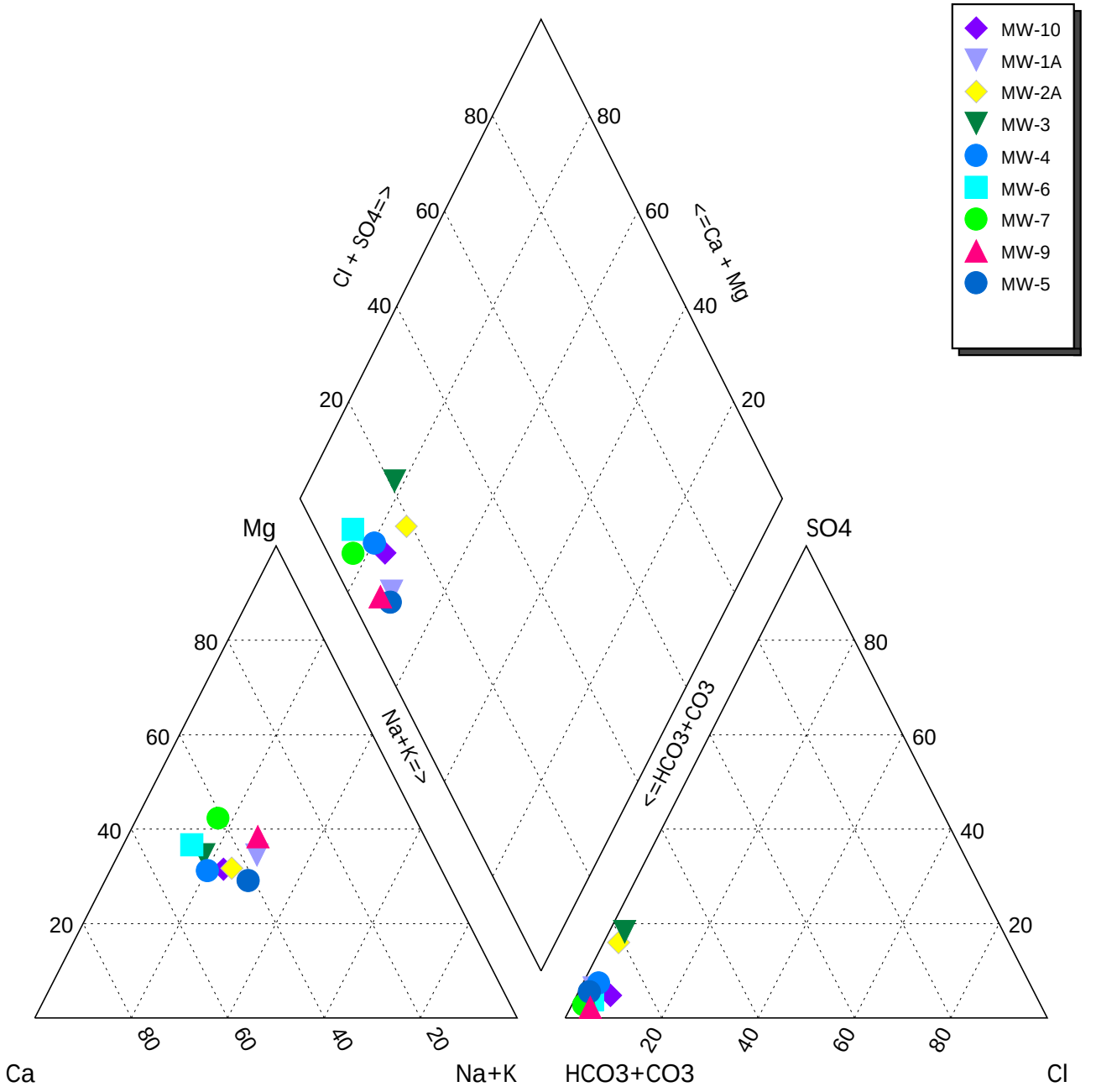


DESCRIPTION: Piper Diagram - 25Q3 LDCS

	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: September 2025

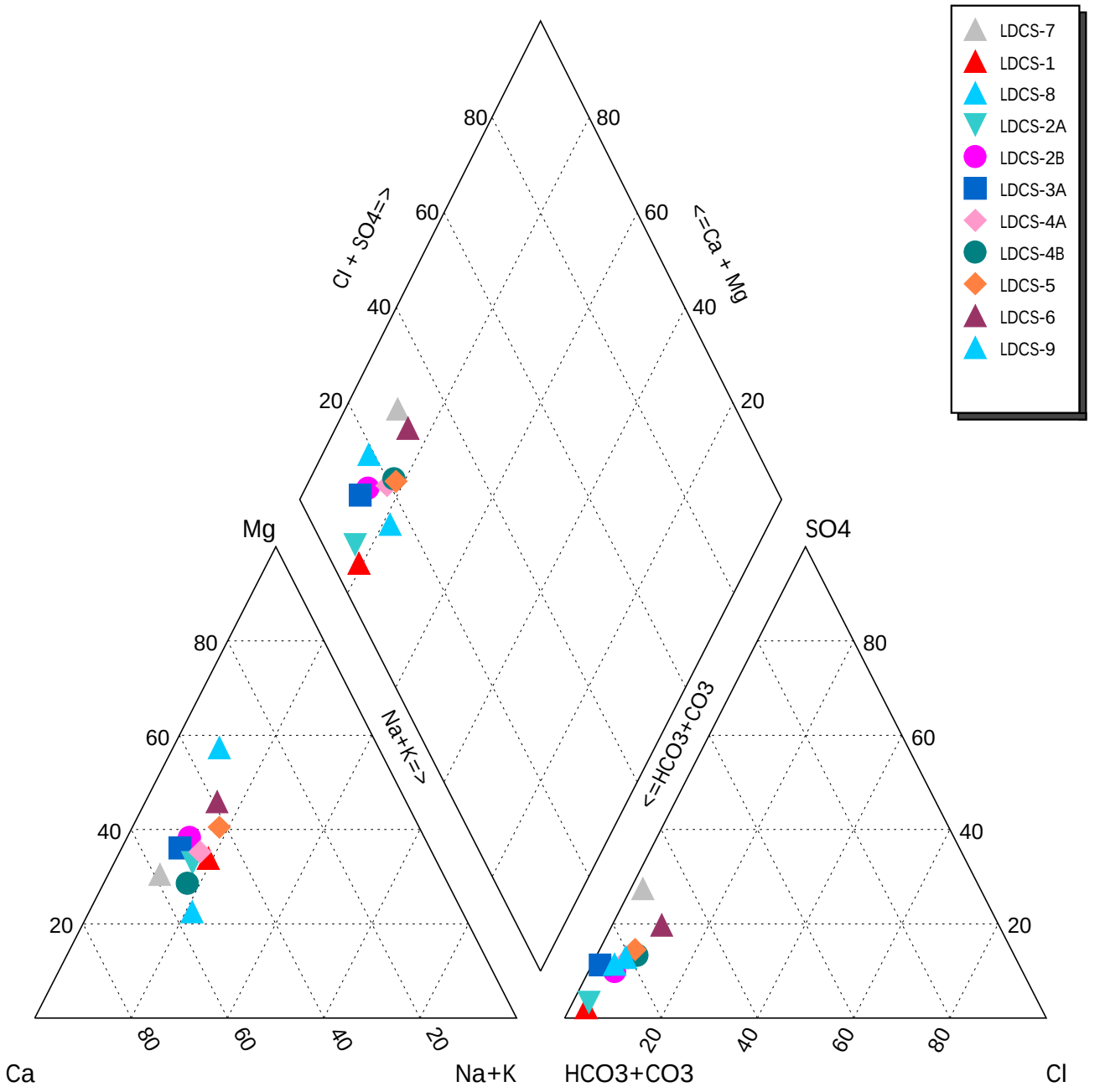


DESCRIPTION: Piper Diagram - 25Q3 Leachate		
	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: September 2025



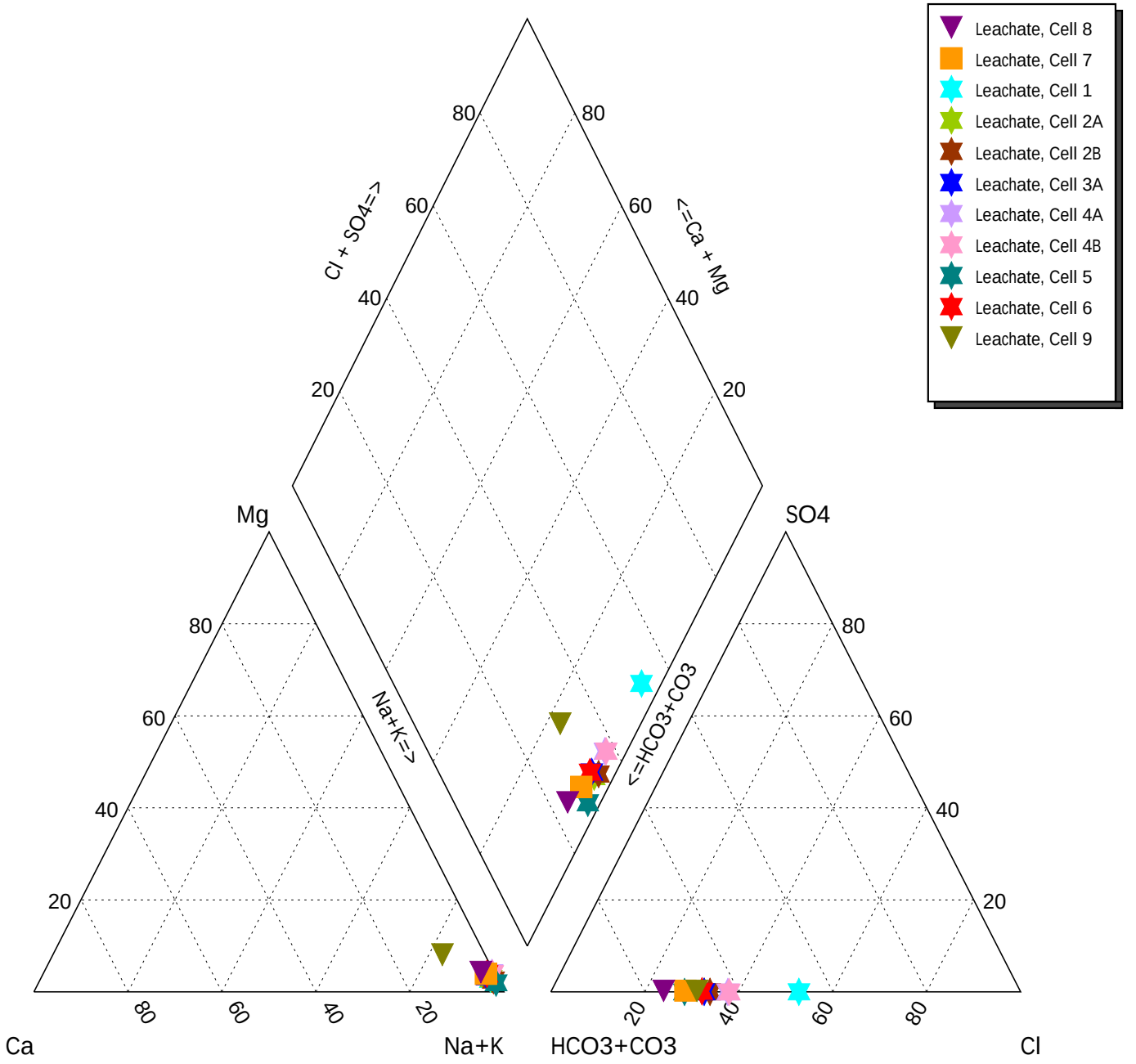
DESCRIPTION: Piper Diagram - 25Q4 Monitoring Wells

	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: December 2025



DESCRIPTION: Piper Diagram - 25Q4 LDCS

	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: December 2025



DESCRIPTION: Piper Diagram - 25Q4 Leachate

	PROJECT: LRI Landfill	PROJECT NO: 04226001.02
	CLIENT: LRI, Inc.	DATE: December 2025

Appendix E

Statistical Calculations

Statistical Summary of Total Metals and Nitrate Groundwater Data
Appendix I Parameters, Fourth Quarter 2025

Location ID / Monitoring Date	Antimony (Sb)		Arsenic (As)		Barium (Ba)	Beryllium (Be)		Cadmium (Cd)		Chromium (Cr)		Cobalt (Co)		Copper (Cu)		Lead (Pb)		Nickel (Ni)		Selenium (Se)		Silver (Ag)		Thallium (Tl)		Vanadium (V)		Zinc (Zn)		Nitrate (NO_3)	
	Result	Conc.	Result	Conc.	Result Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.
MW-1																														
3/24/2014	0.002	L 0.001	0.005	L 0.0025	0.022 0.022	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
6/24/2014	0.002	L 0.001	0.005	L 0.0025	0.02 0.02	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
9/17/2014	0.05	L 0.025	0.005	L 0.0025	0.024 0.024	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.01	L 0.005	0.005	L 0.0025	0.01	L 0.005	0.02	0.02	0.5	L 0.25
12/16/2014	0.05	L 0.025	0.005	L 0.0025	0.03 0.03	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.032	0.032	0.5	L 0.25
3/23/2015	0.05	L 0.025	0.005	L 0.0025	0.02 0.02	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
6/8/2015	0.05	L 0.025	0.005	L 0.0025	0.022 0.022	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
9/16/2015	0.05	L 0.025	0.005	L 0.0025	0.021 0.021	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
12/14/2015	0.05	L 0.025	0.005	L 0.0025	0.024 0.024	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
Number Analyzed	8		8		8	8		8		8		8		8		8		8		8		8		8		8		8		8	
Number Detected	0		0		8	0		0		0		0		0		0		0		0		0		0		0		2		0	
Minimum Concentration		0.001		0.0025	0.02		0.0005		0.0005		0.001		0.0005		0.001		0.0005		0.001		0.0025		0.0025		0.0005		0.0025		0.005		0.25
Maximum Concentration		0.025		0.0025	0.03		0.0025		0.0025		0.0025		0.005		0.005		0.001		0.01		0.0025		0.005		0.0025		0.005		0.032		0.25
Average Concentration		NC		NC	0.02288		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Variance		NC		NC	1.1E-05		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Deviation		NC		NC	0.0033		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Coefficient of Variation (%)		NC		NC	14.2974		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Error		NC		NC	0.00116		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
MW-2																														
3/24/2014	0.002	L 0.001	0.005	L 0.0025	0.014 0.014	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
6/26/2014	0.002	L 0.001	0.005	L 0.0025	0.015 0.015	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
9/16/2014	0.05	L 0.025	0.005	L 0.0025	0.018 0.018	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.01	L 0.005	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
12/16/2014	0.05	L 0.025	0.005	L 0.0025	0.014 0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
3/23/2015	0.05	L 0.025	0.005	L 0.0025	0.012 0.012	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
6/8/2015	0.05	L 0.025	0.005	L 0.0025	0.013 0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
9/16/2015	0.05	L 0.025	0.005	L 0.0025	0.013 0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
12/14/2015	0.05	L 0.025	0.005	L 0.0025	0.014 0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
Number Analyzed	8		8		8	8		8		8		8		8		8		8		8		8		8		8		8		8	
Number Detected	0		0		8	0		0		0		0		0		0		0		0		0		0		0		0		0	
Minimum Concentration		0.001		0.0025	0.012		0.0005		0.0005		0.001		0.0005		0.001		0.0005		0.001		0.0025		0.0025		0.0005		0.0025		0.005		0.25
Maximum Concentration		0.025		0.0025	0.018		0.0025		0.0025		0.0025		0.005		0.005		0.001		0.01		0.0025		0.005		0.0025		0.005		0.005		0.25
Average Concentration		NC		NC	0.01413		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Variance		NC		NC	3.3E-06		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Deviation		NC		NC	0.00181		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Coefficient of Variation (%)		NC		NC	12.798		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Error		NC		NC	0.00064		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
MW-3																														
3/26/2014	0.002	L 0.001	0.005	L 0.0025	0.014 0.014	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
6/25/2014	0.002	L 0.001	0.005	L 0.0025	0.011 0.011	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
9/17/2014	0.05	L 0.025	0.005	L 0.0025	0.01 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.01	L 0.005	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
12/16/2014	0.05	L 0.025	0.005	L 0.0025	0.012 0.012	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
3/26/2015	0.05	L 0.025	0.005	L 0.0025	0.013 0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
6/9/2015	0.05	L 0.025	0.005	L 0.0025	0.011 0.011	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
9/16/2015	0.05	L 0.025	0.005	L 0.0025	0.01 0.01	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
12/14/2015	0.05	L 0.025	0.005	L 0.0025	0.015 0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
Number Analyzed	8		8		8	8		8		8		8		8		8		8		8		8		8		8		8		8	
Number Detected	0		0		8	0		0		0		0		0		0		0		0		0		0		0		0		0	
Minimum Concentration		0.001		0.0025	0.01		0.0005		0.0005		0.001		0.0005		0.001		0.0005		0.001		0.0025		0.0025		0.0005		0.0025		0.005		0.25
Maximum Concentration		0.025		0.0025	0.015		0.0025		0.0025		0.0025		0.005		0.005		0.001		0.01		0.0025		0.005		0.0025		0.005		0.005		0.25
Average Concentration		NC		NC	0.012		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Variance		NC		NC	3.4E-06		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Deviation		NC		NC	0.00185		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Coefficient of Variation (%)		NC		NC	15.4303		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Error		NC		NC	0.00065		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
MW-4																														
3/24/2014	0.002	L 0.001	0.0074	0.0074	0.012 0.012	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
6/25/2014	0.002	L 0.001	0.0086	0.0086	0.012 0.012	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
9/17/2014	0.05	L 0.025	0.0099	0.0099	0.013 0.013	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.01	L 0.005	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
12/16/2014	0.05	L 0.025	0.0076	0.0076	0.011 0.011	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
3/24/2015	0.05	L 0.025	0.0079	0.0079	0.013 0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
6/9/2015	0.05	L 0.025	0.0094	0.0094	0.013 0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
9/18/2015	0.05	L 0.025	0.0094	0.0094	0.017 0.017	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.5	L 0.25
12/15/2015	0.05	L 0.025	0.011	0.011	0.091 0.091	0.001	L 0.0005	0.001	L 0.0005	0.011	0.011	0.0039	0.0039	0.063	0.063	0.042	0.042	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.29	0.29	0.5	L 0.25
Number Analyzed	8		8		8	8		8		8		8		8		8		8		8		8		8		8		8		8	
Number Detected	0		8		8	0		0		1		1		1		1		0		0		0		0		1		2		0	
Minimum Concentration		0.001		0.0074	0.011		0.0005		0.0005		0.001		0.0005		0.001		0.0005		0.001		0.0025		0.0025		0.0005		0.0025		0.005		0.25
Maximum Concentration		0.025		0.011	0.091		0.0025		0.0025		0.011		0.005		0.063		0.042		0.01		0.0025		0.005		0.0025		0.014		0.29		0.25
Average Concentration		NC		0.0089	0.02275		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Variance		NC		1.6E-06	0.00076		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Deviation		NC		0.00125	0.02763		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Coefficient of Variation (%)		NC		14.0465	121.469		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Error		NC		0.00044	0.00977		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC

Statistical Summary of Total Metals and Nitrate Groundwater Data
Appendix I Parameters, Fourth Quarter 2025

Location ID / Monitoring Date	Antimony (Sb)		Arsenic (As)		Barium (Ba)		Beryllium (Be)		Cadmium (Cd)		Chromium (Cr)		Cobalt (Co)		Copper (Cu)		Lead (Pb)		Nickel (Ni)		Selenium (Se)		Silver (Ag)		Thallium (Tl)		Vanadium (V)		Zinc (Zn)		Nitrate (NO_3)	
	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.
MW-5																																
3/24/2014	0.002	L 0.001	0.0072	0.0072	0.032	0.032	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
6/25/2014	0.002	L 0.001	0.0067	0.0067	0.033	0.033	0.001	L 0.0005	0.005	L 0.0025	0.0036	0.0036	0.01	L 0.005	0.0061	0.0061	0.001	L 0.0005	0.0043	0.0043	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
9/16/2014	0.05	L 0.025	0.0059	0.0059	0.036	0.036	0.005	L 0.0025	0.005	L 0.0025	0.0051	0.0051	0.01	L 0.005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.01	L 0.005	0.005	L 0.0025	0.01	L 0.005	0.01	0.01	0.5	L 0.25
12/16/2014	0.05	L 0.025	0.0055	0.0055	0.022	0.022	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
3/23/2015	0.05	L 0.025	0.008	0.008	0.03	0.03	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
6/8/2015	0.05	L 0.025	0.0075	0.0075	0.02	0.02	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
9/18/2015	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
12/14/2015	0.05	L 0.025	0.0072	0.0072	0.021	0.021	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
Number Analyzed	8		8		8		8		8		8		8		8		8		8		8		8		8		8		8		8	
Number Detected	0		7		8		0		0		2		0		1		0		1		0		0		0		1		0			
Minimum Concentration		0.001		0.0025		0.014		0.0005		0.0005		0.001		0.0005		0.001		0.0005		0.001		0.0025		0.0025		0.0005		0.0025		0.005		0.25
Maximum Concentration		0.025		0.008		0.036		0.0025		0.0025		0.0051		0.005		0.0061		0.001		0.01		0.0025		0.005		0.0025		0.005		0.01		0.25
Average Concentration		NC		0.00631		0.026		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Variance		NC		3E-06		6E-05		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Deviation		NC		0.00175		0.00776		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Coefficient of Variation (%)		NC		27.6653		29.863		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Error		NC		0.00062		0.00275		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
MW-6																																
3/26/2014	0.002	L 0.001	0.0075	0.0075	0.014	0.014	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
6/25/2014	0.002	L 0.001	0.0065	0.0065	0.011	0.011	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
9/18/2014	0.002	L 0.001	0.0078	0.0078	0.01	0.01	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
12/17/2014	0.05	L 0.025	0.0068	0.0068	0.012	0.012	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
3/26/2015	0.05	L 0.025	0.0068	0.0068	0.01	0.01	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
6/8/2015	0.05	L 0.025	0.0075	0.0075	0.01	0.01	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
9/17/2015	0.05	L 0.025	0.0069	0.0069	0.011	0.011	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
12/14/2015	0.05	L 0.025	0.0074	0.0074	0.011	0.011	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
Number Analyzed	8		8		8		8		8		8		8		8		8		8		8		8		8		8		8		8	
Number Detected	0		8		8		0		0		0		0		0		0		0		0		0		0		0		0			
Minimum Concentration		0.001		0.0065		0.01		0.0005		0.0005		0.001		0.0005		0.001		0.0005		0.001		0.0025		0.0025		0.0005		0.0025		0.005		0.25
Maximum Concentration		0.025		0.0078		0.014		0.0005		0.0025		0.0025		0.005		0.005		0.001		0.01		0.0025		0.005		0.0025		0.005		0.005		0.25
Average Concentration		NC		0.00715		0.01113		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Variance		NC		2.1E-07		1.8E-06		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Deviation		NC		0.00046		0.00136		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Coefficient of Variation (%)		NC		6.38736		12.1906		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Error		NC		0.00016		0.00048		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
MW-7																																
3/26/2014	0.002	L 0.001	0.0054	0.0054	0.016	0.016	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
6/26/2014	0.002	L 0.001	0.0053	0.0053	0.016	0.016	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
9/17/2014	0.05	L 0.025	0.0052	0.0052	0.015	0.015	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.01	L 0.005	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.5	L 0.25
12/16/2014	0.05	L 0.025	0.005	0.005	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
3/24/2015	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
6/9/2015	0.05	L 0.025	0.0054	0.0054	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
9/17/2015	0.05	L 0.025	0.005	L 0.0025	0.012	0.012	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
12/15/2015	0.05	L 0.025	0.0055	0.0055	0.016	0.016	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.5	L 0.25
Number Analyzed	8		8		8		8		8		8		8		8		8		8		8		8		8		8		8		8	
Number Detected	0		6		8		0		0		0		0		0		0		0		0		0		0		0		0			
Minimum Concentration		0.001		0.0025		0.012		0.0005		0.0005		0.001		0.0005		0.001		0.0005		0.001		0.0025		0.0025		0.0005		0.0025		0.005		0.25
Maximum Concentration		0.025		0.0055		0.016		0.0025		0.0025		0.0025		0.005		0.005		0.001		0.01		0.0025		0.005		0.0025		0.005		0.005		0.25
Average Concentration		NC		0.0046		0.01488		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Variance		NC		1.7E-06		1.8E-06		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Deviation		NC		0.0013		0.00136		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Coefficient of Variation (%)		NC		28.3682		9.11733		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC
Standard Error		NC		0.00046		0.00048		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC

Statistical Summary of Total Metals and Nitrate Groundwater Data
Appendix I Parameters, Fourth Quarter 2025

Location ID / Monitoring Date	Antimony (Sb)		Arsenic (As)		Barium (Ba)		Beryllium (Be)		Cadmium (Cd)		Chromium (Cr)		Cobalt (Co)		Copper (Cu)		Lead (Pb)		Nickel (Ni)		Selenium (Se)		Silver (Ag)		Thallium (Tl)		Vanadium (V)		Zinc (Zn)		Nitrate (NO_3)	
	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.
MW-9																																
3/25/2014	0.002	L 0.001	0.005	L 0.0025	0.0047	0.0047	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.016	0.016	0.01	0.01	0.5	L 0.25
6/24/2014	0.002	L 0.001	0.005	L 0.0025	0.0045	0.0045	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.016	0.016	0.01	L 0.005	0.5	L 0.25
9/18/2014	0.002	L 0.001	0.005	L 0.0025	0.0057	0.0057	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.014	0.014	0.014	0.014	0.5	L 0.25
12/17/2014	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
3/24/2015	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.013	0.013	0.01	L 0.005	0.5	L 0.25
6/9/2015	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
9/18/2015	0.05	L 0.025	0.005	L 0.0025	0.005	0.005	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
12/16/2015	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.042	0.042	0.5	L 0.25
3/22/2016	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.028	0.028	0.5	L 0.25
6/8/2016	0.05	L 0.025	0.005	L 0.0025	0.005	0.005	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.023	0.023	0.5	L 0.25
9/16/2016	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.015	0.015	0.043	0.043	0.5	L 0.25
12/6/2016	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
3/29/2017	0.05	L 0.025	0.005	L 0.0025	0.0056	0.0056	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
6/22/2017	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
9/26/2017	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.012	0.012	0.01	L 0.005	0.5	L 0.25
12/13/2017	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.013	0.013	0.01	L 0.005	0.5	L 0.25
3/21/2018	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
6/19/2018	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.013	0.013	0.01	L 0.005	0.5	L 0.25
9/19/2018	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.013	0.013	0.01	L 0.005	0.5	L 0.25
12/4/2018	0.05	L 0.025	0.005	L 0.0025	0.0051	0.0051	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
3/11/2019	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
6/19/2019	0.05	L 0.025	0.005	L 0.0025	0.0051	0.0051	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.013	0.013	0.01	L 0.005	0.5	L 0.25
9/26/2019	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
12/11/2019	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
3/17/2020	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.015	0.015	0.01	L 0.005	0.5	L 0.25
6/8/2020	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
9/22/2020	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
12/16/2020	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
3/9/2021	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.015	0.015	0.01	L 0.005	0.5	L 0.25
6/15/2021	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
9/15/2021	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.015	0.015	0.01	L 0.005	0.5	L 0.25
12/15/2021	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.015	0.015	0.01	L 0.005	0.5	L 0.25
3/30/2022	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.015	0.015	0.01	L 0.005	0.5	L 0.25
6/15/2022	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
9/14/2022	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
12/29/2022	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
3/15/2023	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.017	0.017	0.01	L 0.005	0.5	L 0.25
6/8/2023	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.0073	0.0073	0.01	L 0.005	0.5	L 0.25
9/28/2023	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
12/13/2023	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
3/19/2024	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
6/5/2024	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.015	0.015	0.01	L 0.005	0.5	L 0.25
9/25/2024	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
12/11/2024	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
3/26/2025	0.05	L 0.025	0.005	L 0.0025	0.0053	0.0053	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
6/19/2025	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.014	0.014	0.01	L 0.005	0.5	L 0.25
9/23/2025	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
12/3/2025	0.05	L 0.025	0.005	L 0.0025	0.005	L 0.0025	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.016	0.016	0.01	L 0.005	0.5	L 0.25
Number Analyzed	48		48		48		48		48		48		48		48		48		48		48		48		48		48		48		48	
Number Detected	0		0		9		0		0		0		0		0		0		0		0		0		0		48		6		0	
Minimum Concentration		0.001		0.0025		0.0025		0.0005		0.0005		0.001		0.0005		0.001		0.0005		0.001		0.0025		0.0025		0.0005		0.0073		0.005		0.25
Maximum Concentration		0.025		0.0025		0.0057		0.0005		0.0025		0.0025		0.005		0.005		0.001		0.01		0.0025		0.005		0.0025		0.017		0.043		0.25
Average Concentration		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		0.01442		NC		NC
Variance		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		2.3E-06		NC		NC
Standard Deviation		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		0.00153		NC		NC
Coefficient of Variation (%)		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		10.5735		NC		NC
Standard Error		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		0.00022		NC		NC

Statistical Summary of Total Metals and Nitrate Groundwater Data
Appendix I Parameters, Fourth Quarter 2025

Location ID / Monitoring Date	Antimony (Sb)		Arsenic (As)		Barium (Ba)		Beryllium (Be)		Cadmium (Cd)		Chromium (Cr)		Cobalt (Co)		Copper (Cu)		Lead (Pb)		Nickel (Ni)		Selenium (Se)		Silver (Ag)		Thallium (Tl)		Vanadium (V)		Zinc (Zn)		Nitrate (NO_3)	
	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.
MW-10																																
3/25/2014	0.002	L 0.001	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	L 0.005	6.4	6.4
6/25/2014	0.002	L 0.001	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.005	L 0.0025	0.002	L 0.001	0.01	L 0.005	0.002	L 0.001	0.001	L 0.0005	0.002	L 0.001	0.005	L 0.0025	0.01	L 0.005	0.001	L 0.0005	0.01	L 0.005	0.01	0.01	5.8	5.8
9/16/2014	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.01	L 0.005	0.005	L 0.0025	0.01	L 0.005	0.011	0.011	5.4	5.4
12/17/2014	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.3	5.3
3/25/2015	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.9	5.9
6/8/2015	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.7	5.7
9/15/2015	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.1	5.1
12/16/2015	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	4.9	4.9
3/21/2016	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.9	5.9
6/6/2016	0.05	L 0.025	0.005	L 0.0025	0.012	0.012	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.9	5.9
9/15/2016	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.4	5.4
12/6/2016	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.2	5.2
3/29/2017	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.8	5.8
6/19/2017	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.5	5.5
9/26/2017	0.05	L 0.025	0.005	L 0.0025	0.012	0.012	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.2	5.2
12/12/2017	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	4.9	4.9
3/20/2018	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.3	5.3
6/18/2018	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	5.0	5.0
9/18/2018	0.05	L 0.025	0.005	L 0.0025	0.016	0.016	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	4.7	4.7
12/4/2018	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	4.3	4.3
3/12/2019	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	4.4	4.4
6/17/2019	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	4.7	4.7
9/25/2019	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	4.2	4.2
12/11/2019	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	3.9	3.9
3/17/2020	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.034	0.034	3.7	3.7
6/9/2020	0.05	L 0.025	0.005	L 0.0025	0.016	0.016	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	3.7	3.7
9/22/2020	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.011	0.011	3.4	3.4
12/16/2020	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	3.2	3.2
3/9/2021	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	3.2	3.2
6/15/2021	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.005	2.5	2.5
9/15/2021	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.011	0.011	2.9	2.9
12/15/2021	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.011	0.011	3.0	3.0
3/30/2022	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.013	0.013	3.0	3.0
6/15/2022	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.013	0.013	2.8	2.8
9/14/2022	0.05	L 0.025	0.005	L 0.0025	0.016	0.016	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.019	0.019	3.1	3.1
12/29/2022	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.01	3.0	3.0
3/14/2023	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	L 0.01	3.0	3.0
6/7/2023	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.011	0.011	2.6	2.6
9/27/2023	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.015	0.015	2.4	2.4
12/12/2023	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.013	0.013	2.5	2.5
3/19/2024	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.01	0.01	2.7	2.7
6/5/2024	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.011	0.011	2.3	2.3
9/26/2024	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.02	0.02	2.5	2.5
12/10/2024	0.05	L 0.025	0.005	L 0.0025	0.017	0.017	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.012	0.012	2.4	2.4
3/26/2025	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.013	0.013	2.3	2.3
6/19/2025	0.05	L 0.025	0.005	L 0.0025	0.013	0.013	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.012	0.012	2.4	2.4
9/23/2025	0.05	L 0.025	0.005	L 0.0025	0.014	0.014	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.017	0.017	2.7	2.7
12/2/2025	0.05	L 0.025	0.005	L 0.0025	0.015	0.015	0.001	L 0.0005	0.001	L 0.0005	0.005	L 0.0025	0.001	L 0.0005	0.01	L 0.005	0.002	L 0.001	0.02	L 0.01	0.005	L 0.0025	0.005	L 0.0025	0.005	L 0.0025	0.0051	0.0051	0.012	0.012	2.6	2.6
Number Analyzed	48		48		48		48		48		48		48		48		48		48		48		48		48		48		48		48	
Number Detected	0		0		48		0		0		0		0		0		0		0		0		0		0		1		20		48	
Minimum Concentration		0.001		0.0025		0.012		0.0005		0.0005		0.001		0.0005		0.001		0.0005		0.001		0.0025		0.0025		0.0005		0.0025		0.005		2.3
Maximum Concentration		0.025		0.0025		0.017		0.0025		0.0025		0.0025		0.005		0.005		0.001		0.01		0.0025		0.005		0.0025		0.0051		0.034		6.4
Average Concentration		NC		NC		0.01396		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		0.00894		4.014583
Variance		NC		NC		1.2E-06		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		3.2E-05		1.708081
Standard Deviation		NC		NC		0.00109		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		0.00561		1.306936
Coefficient of Variation (%)		NC		NC		7.81427		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		62.8037		32.5547
Standard Error		NC		NC		0.00016		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		NC		0.00081		0.18864

Notes: Metals results are for total metals.
mg/L = milligrams per liter.
L = not reported at or above the MRL (Method Reporting Limit).
One-half the MRL value used for statistical calculations when concentrations not reported at or above the MRL.
NC = not calculated due to insufficient number of reported detections.

Groundwater Prediction Limits (mg/L)
Appendix I Parameters, Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

	MRL (typical)	Prediction Limit	MW-1/ MW-1A	MW-2/ MW-2A	MW-3	MW-4	MW-5/ MW-5A	MW-6	MW-7	MW-9	MW-10
Antimony	0.050	0.050 L	0.050 L	0.050 L	0.050 L	0.050 L	0.050 L	0.050 L	0.050 L	0.050 L	0.050 L
Arsenic	0.005	**0.011**	0.005 L	0.005 L	0.005 L	**0.011**	**0.008**	**0.008**	**0.006**	0.005 L	0.005 L
Barium	0.005	**0.091**	**0.030**	**0.018**	**0.015**	**0.091**	**0.036**	**0.014**	**0.016**	**0.0057**	**0.017**
Beryllium	0.005	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.001 L	0.005 L	0.001 L	0.005 L
Cadmium	0.005	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L
Chromium	0.005	**0.011**	0.005 L	0.005 L	0.005 L	**0.011**	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L
Cobalt	0.010	**0.005**	0.010 L	0.010 L	0.010 L	**0.004**	0.010 L	0.010 L	0.010 L	0.010 L	0.010 L
Copper	0.010	**0.063**	0.010 L	0.010 L	0.010 L	**0.063**	0.010 L	0.010 L	0.010 L	0.010 L	0.010 L
Lead	0.002	**0.042**	0.002 L	0.002 L	0.002 L	**0.042**	0.002 L	0.002 L	0.002 L	0.002 L	0.002 L
Nickel	0.020	0.020 L	0.020 L	0.020 L	0.020 L	0.020 L	0.020 L	0.020 L	0.020 L	0.020 L	0.020 L
Selenium	0.005	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L
Silver	0.010	0.010 L	0.010 L	0.010 L	0.010 L	0.010 L	0.010 L	0.010 L	0.010 L	0.010 L	0.010 L
Thallium	0.005	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L	0.005 L
Vanadium	0.005	**0.017**	0.010 L	0.010 L	0.010 L	**0.014**	0.010 L	0.010 L	0.010 L	**0.017**	**0.0051**
Zinc	0.01	**0.290**	**0.032**	0.010 L	0.010 L	**0.290**	0.010 L	0.010 L	0.010 L	**0.043**	**0.034**
Nitrate as Nitrogen	0.50	**6.40**	0.500 L	0.500 L	0.500 L	0.500 L	0.500 L	0.500 L	0.500 L	0.500 L	**6.40**

Notes:

Prediction Limits are shown in bold.

Prediction Limits for metals are for total metals.

L = not reported at or above the MRL (Method Reporting Limit).

mg/L = milligrams per liter.

Appendix F

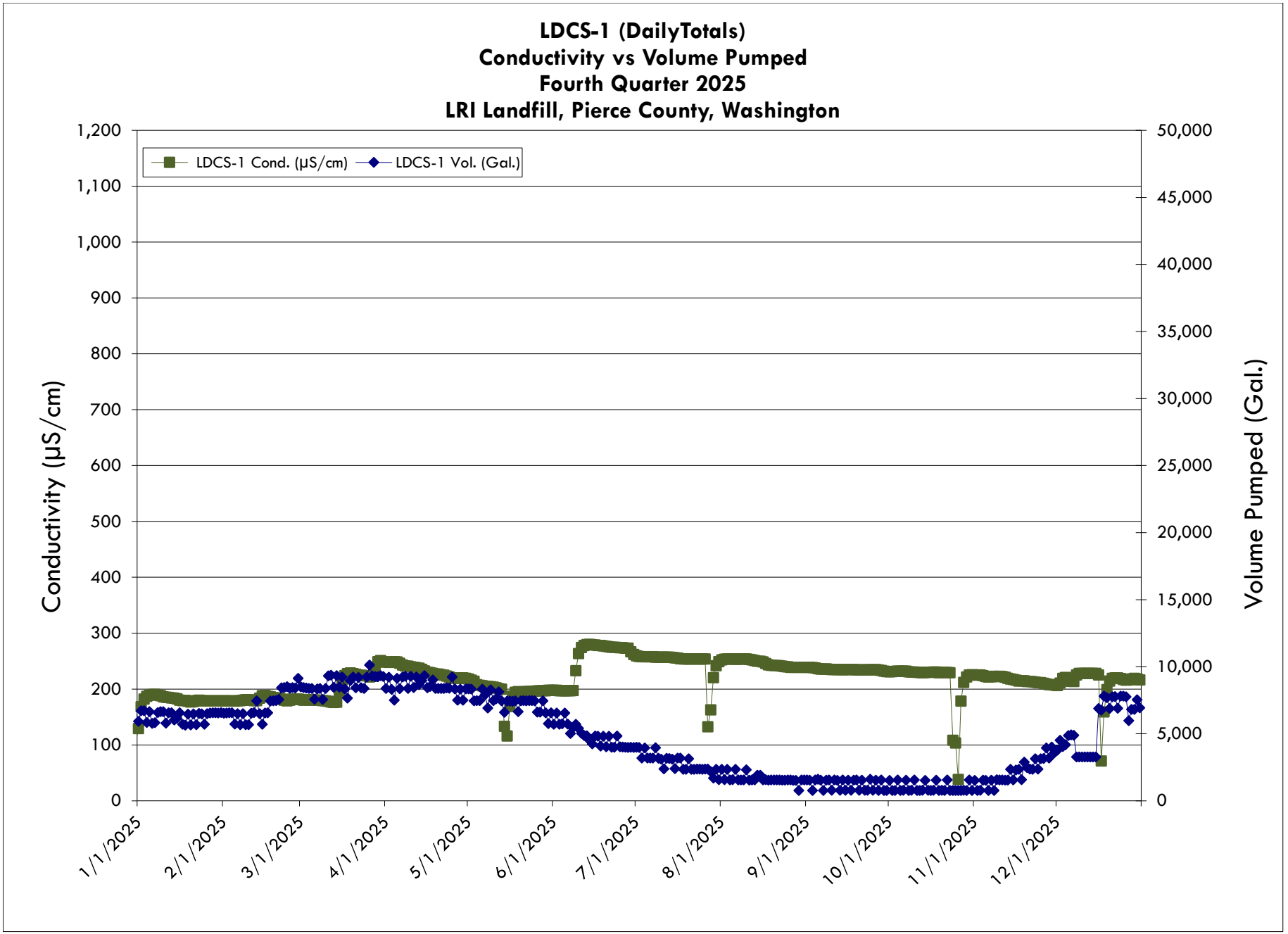
Leak Detection System Data and Leachate Pump Records

Summary of LDCS Volumes Pumped and Conductivity Data
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

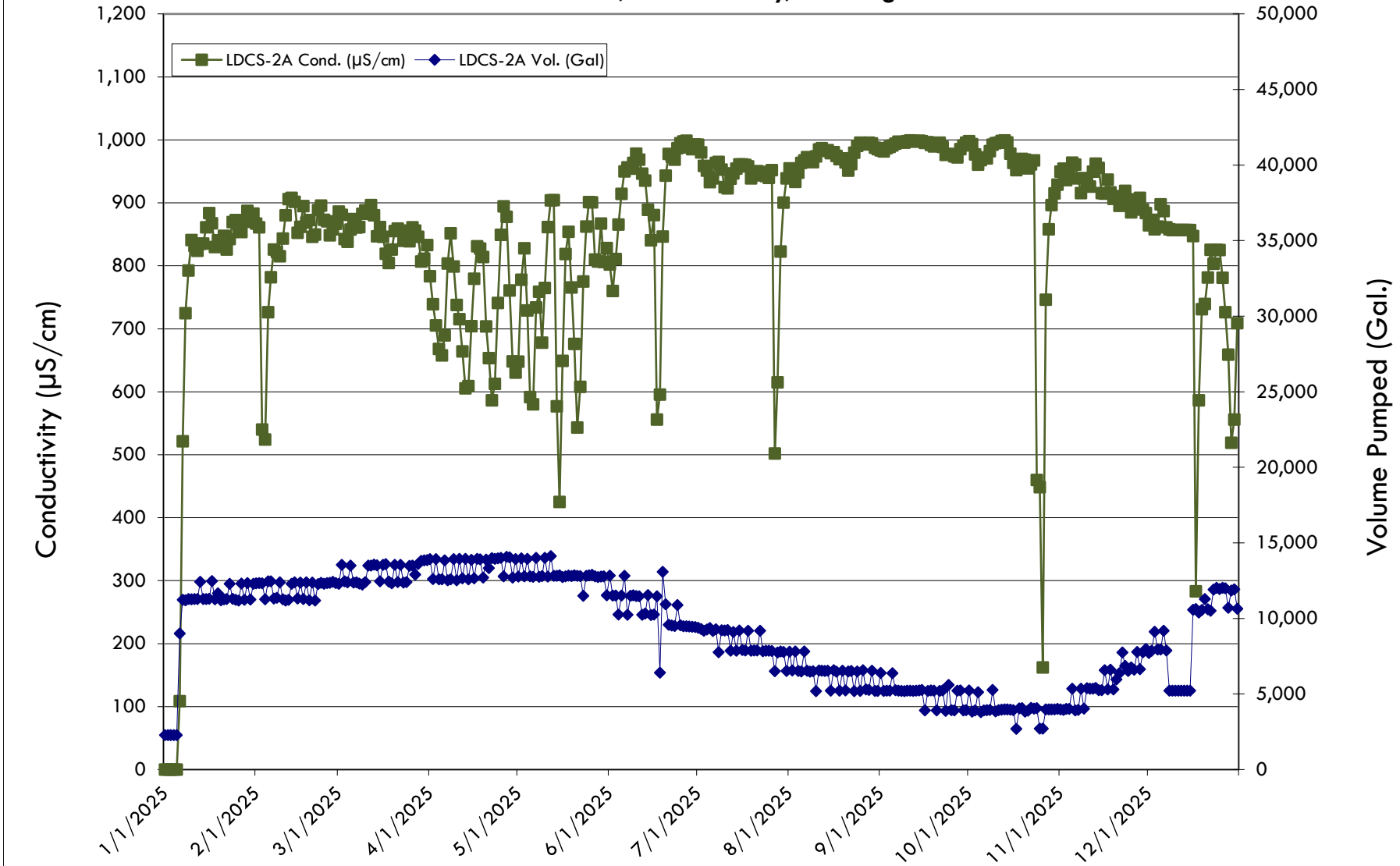
Date	Rainfall	LDCS-1 Vol. (Gal.)	LDCS-1 Cond. (µS/cm)	LDCS-2A Vol. (Gal)	LDCS-2A Cond. (µS/cm)	LDCS-2B Vol. (Gal)	LDCS-2B Cond. (µS/cm)	LDCS-3A Vol. (Gal)	LDCS-3A Cond. (µS/cm)	LDCS-4A Vol. (Gal)	LDCS-4A Cond. (µS/cm)	LDCS-4B Vol. (Gal)	LDCS-4B Cond. (µS/cm)	LDCS-5 Vol. (Gal)	LDCS-5 Cond. (µS/cm)	LDCS-6 Vol. (Gal)	LDCS-6 Cond. (µS/cm)	LDCS-7 Vol. (Gal)	LDCS-7 Cond. (µS/cm)	LDCS-8 Vol. (Gal)	LDCS-8 Cond. (µS/cm)	LDCS-9 Vol. (Gal)	LDCS-9 Cond. (µS/cm)
10/1/2025	0.41	1,530	231	5,240	998	229	666	1,770	979	0	528	265	534	252	714	0	1,147	4,561	797	270	-	-	-
10/2/2025	0.00	770	231	3,840	993	107	665	1,190	979	0	529	266	520	346	336	0	1,155	0	768	269	-	-	-
10/3/2025	0.00	770	232	3,910	977	154	683	2,360	975	0	537	797	510	327	353	0	1,147	0	789	270	-	-	-
10/4/2025	0.02	1,560	232	5,130	961	0	670	1,780	976	0	0	624	511	328	582	0	0	0	0	270	-	-	-
10/5/2025	0.00	770	232	3,800	968	0	656	1,780	988	0	0	342	519	291	655	0	0	4,430	0	0	-	-	-
10/6/2025	0.00	780	232	3,920	972	257	739	1,180	994	0	510	264	526	325	687	0	1,151	0	759	269	-	-	-
10/7/2025	0.00	1,540	232	3,930	971	106	810	1,770	996	0	442	137	527	254	697	0	1,151	0	767	269	-	-	-
10/8/2025	0.00	770	231	3,950	982	99	812	1,780	997	0	487	316	526	289	721	0	1,152	0	782	269	-	-	-
10/9/2025	0.01	780	231	5,270	993	0	758	1,180	997	0	477	230	524	253	747	0	1,157	0	0	270	-	-	-
10/10/2025	0.11	1,550	231	3,850	995	0	707	1,770	994	0	478	423	524	216	770	0	1,158	0	737	268	-	-	-
10/11/2025	0.08	770	230	3,930	996	0	672	1,190	992	0	0	271	524	289	786	0	0	0	0	271	-	-	-
10/12/2025	0.18	770	230	3,970	998	0	652	2,370	988	0	0	172	511	331	748	0	0	3,640	0	268	-	-	-
10/13/2025	0.00	780	229	3,990	999	308	769	2,380	988	0	484	239	487	445	688	0	1,161	4,771	791	269	-	-	-
10/14/2025	0.00	1,530	230	3,980	996	76	854	2,380	994	0	419	149	469	444	657	0	0	0	758	255	-	-	-
10/15/2025	0.00	780	230	3,970	978	113	884	2,770	997	0	426	306	466	405	610	0	1,157	0	770	188	-	-	-
10/16/2025	0.00	770	230	3,930	963	118	896	2,380	999	0	441	367	470	366	629	0	1,161	0	770	270	-	-	-
10/17/2025	0.00	780	230	2,700	952	120	900	1,780	999	0	512	540	477	329	633	0	1,153	0	775	0	-	-	-
10/18/2025	0.48	1,540	230	4,050	960	0	891	1,770	1,000	0	0	307	485	328	748	0	0	0	0	268	-	-	-
10/19/2025	0.27	770	229	4,060	970	0	765	1,780	998	0	0	334	485	1,627	906	0	0	4,477	0	268	-	-	-
10/20/2025	0.01	780	230	3,840	969	287	709	2,960	989	0	493	205	465	803	872	0	1,155	0	768	267	-	-	-
10/21/2025	0.00	770	230	3,900	955	0	708	2,360	975	0	0	190	430	564	712	0	0	4,504	0	269	-	-	-
10/22/2025	0.00	1,560	230	4,080	961	198	762	2,380	982	0	462	134	409	447	604	0	1,156	0	747	0	-	-	-
10/23/2025	0.00	770	229	4,030	967	76	773	1,770	993	0	439	55	403	406	547	0	1,160	0	771	303	-	-	-
10/24/2025	1.22	770	108	4,060	460	115	659	1,780	998	0	668	848	409	3,592	113	0	1,152	0	780	186	-	-	-
10/25/2025	0.53	760	104	2,710	449	0	667	2,430	992	0	0	1,240	389	3,834	39	0	0	0	0	654	-	-	-
10/26/2025	0.00	760	38	2,710	162	0	630	2,430	984	0	0	1,240	366	3,834	-139	0	0	4,542	0	654	-	-	-
10/27/2025	0.09	770	179	3,980	746	430	744	3,550	976	0	480	2,673	362	3,834	155	0	1,252	4,529	695	314	-	-	-
10/28/2025	0.48	780	212	3,980	858	144	795	2,970	959	0	417	1,110	358	769	156	0	1,239	0	719	0	-	-	-
10/29/2025	0.15	770	222	3,980	896	129	808	3,580	970	0	443	918	354	4,570	139	0	1,230	0	721	0	-	-	-
10/30/2025	0.01	1,550	225	3,990	915	98	828	2,960	964	0	393	818	349	954	181	0	1,231	4,514	738	0	-	-	-
10/31/2025	0.71	770	226	4,020	929	88	820	3,560	978	0	437	1,020	350	1,487	284	0	1,234	0	720	0	-	-	-
11/1/2025	0.78	1,520	225	3,990	950	0	717	3,580	989	0	0	1,267	346	8,363	271	0	0	0	0	0	-	-	-
11/2/2025	0.02	770	225	3,950	955	0	709	3,560	973	0	0	896	346	1,855	241	0	0	5,740	0	0	-	-	-
11/3/2025	0.58	780	225	4,010	936	347	692	4,160	952	0	441	640	349	2,616	292	0	1,217	1,333	796	2,152	-	-	-
11/4/2025	0.01	1,540	224	4,010	948	82	659	4,170	967	0	402	1,454	346	2,074	290	0	1,223	3,032	783	0	-	-	-
11/5/2025	0.77	1,520	222	5,350	964	127	652	4,190	971	0	483	1,133	345	2,868	280	0	1,210	0	844	0	-	-	-
11/6/2025	0.69	770	222	3,910	961	0	660	4,180	951	0	407	1,722	344	6,271	298	0	1,212	0	0	612	-	-	-
11/7/2025	0.14	1,540	222	3,950	939	0	674	4,180	933	0	425	1,892	341	2,780	262	0	1,211	0	827	555	-	-	-
11/8/2025	0.01	770	223	5,350	916	0	707	4,160	920	0	0	661	348	985	258	0	0	0	0	7	-	-	-
11/9/2025	0.00	1,570	223	4,030	939	0	743	3,560	925	0	0	718	352	540	273	0	0	508	0	666	-	-	-
11/10/2025	0.04	1,560	223	5,380	934	410	697	3,560	926	0	471	900	354	453	331	0	1,207	3,955	781	0	-	-	-
11/11/2025	0.00	1,560	223	5,360	926	136	686	4,150	920	0	434	990	350	624	343	0	1,198	0	749	546	-	-	-
11/12/2025	0.08	1,540	221	5,360	950	138	668	3,560	920	0	459	1,874	344	537	323	0	1,198	0	743	0	-	-	-
11/13/2025	0.00	1,540	219	5,400	962	135	645	2,970	919	0	467	1,965	344	2,890	314	0	1,197	5,234	740	540	-	-	-
11/14/2025	0.53	2,340	218	5,250	955	188	636	3,580	909	0	470	1,824	336	3,131	284	0	1,195	0	855	544	-	-	-
11/15/2025	0.19	1,560	217	5,250	916	0	633	3,560	898	0	0	2,946	330	4,377	253	0	0	0	0	544	-	-	-
11/16/2025	0.05	2,300	216	6,580	915	0	632	3,560	899	0	0	2,585	330	1,440	239	0	0	6,894	0	542	-	-	-
11/17/2025	0.13	2,340	214	5,310	937	456	639	2,970	902	0	431	2,078	336	1,260	243	0	1,189	0	841	15	-	-	-
11/18/2025	0.01	1,580	215	6,610	917	186	749	3,570	890	0	487	1,910	337	925	245	0	1,189	0	807	543	-	-	-
11/19/2025	0.00	2,890	215	5,310	906	200	815	2,970	889	0	403	1,568	339	624	259	0	1,189	4,518	794	540	-	-	-
11/20/2025	0.00	2,480	213	5,970	911	189	839	2,970	897	0	453	1,059	341	499	303	0	1,185	0	753	0	-	-	-
11/21/2025	0.00	2,360	214	6,370	895	186	850	2,960	891	0	436	0	345	419	370	0	1,187	0	747	0	-	-	-
11/22/2025	0.00	2,340	213	7,750	898	0	854	2,970	892	0	0	0	349	418	410	0	0	0	0	193	-	-	-
11/23/2025	0.35	3,130	212	6,850	919	0	794	2,370	899	0	0	0	353	1,399	418	0	0	4,959	0	715	-	-	-
11/24/2025	0.00	2,360	212	6,530	905	555	778	2,980	898	0	399	0	343	1,420	363	0	1,181	0	761	544	-	-	-
11/25/2025	0.54	3,140	212	6,750	885	233	817	2,360	894	0	404	4,202	335	1,690	348	0	1,182	0	759	0	-	-	-
11/26/2025	0.07	3,150	210	6,610	898	182	839	2,960	899	0	402	5,202	329	3,854	257	0	1,183	0	764	1,087	-	-	-
11/27/2025	1.09	3,950	209	7,790	899	0	837	2,970	898	0	0	6,718	323	5,399	222	0	0	5,373	0	538	-	-	-
11/28/2025	0.00	3,180	208	6,650	908	459	814	2,970	894	0	506	9,587	318	6,002	283	0	1,307	0	825	1,647	-	-	-
11/29/2025	0.01	4,010	208	7,760	889	0	812	2,970	882	0	0	10,948	322	1,696	317	0	0	0	0	545	-	-	-
11/30/2025	0.01	3,590	207	7,980	884	0	830	2,960	884	0	0	9,970	331	732	328	0	0	5,477	0	546	-	-	-

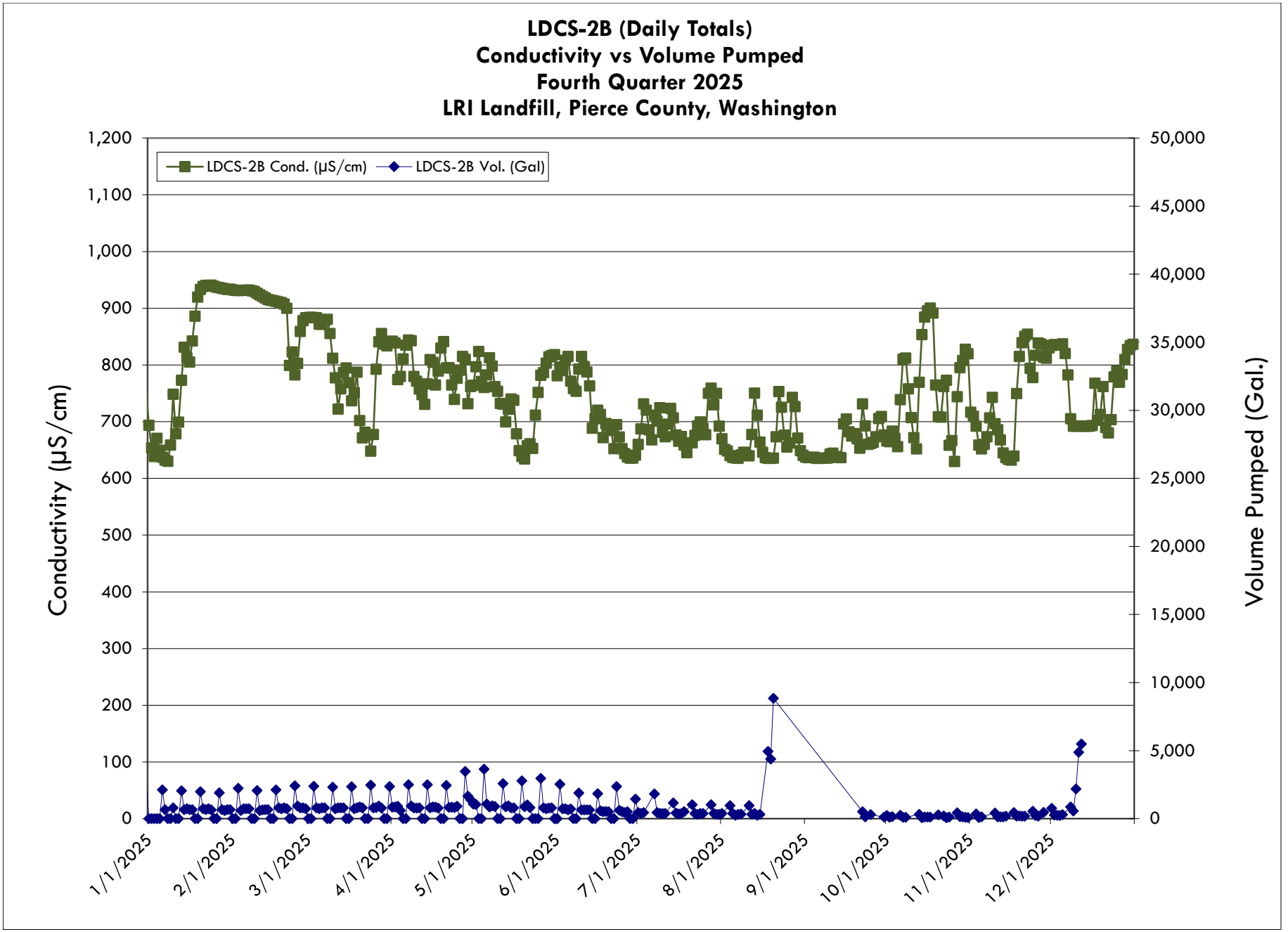
Summary of LDCS Volumes Pumped and Conductivity Data
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Date	Rainfall	LDCS-1 Vol. (Gal.)	LDCS-1 Cond. (µS/cm)	LDCS-2A Vol. (Gal)	LDCS-2A Cond. (µS/cm)	LDCS-2B Vol. (Gal)	LDCS-2B Cond. (µS/cm)	LDCS-3A Vol. (Gal)	LDCS-3A Cond. (µS/cm)	LDCS-4A Vol. (Gal)	LDCS-4A Cond. (µS/cm)	LDCS-4B Vol. (Gal)	LDCS-4B Cond. (µS/cm)	LDCS-5 Vol. (Gal)	LDCS-5 Cond. (µS/cm)	LDCS-6 Vol. (Gal)	LDCS-6 Cond. (µS/cm)	LDCS-7 Vol. (Gal)	LDCS-7 Cond. (µS/cm)	LDCS-8 Vol. (Gal)	LDCS-8 Cond. (µS/cm)	LDCS-9 Vol. (Gal)	LDCS-9 Cond. (µS/cm)
12/1/2025	0.02	3,770	206	7,710	864	769	835	2,970	886	0	512	9,016	339	479	339	0	1,276	4,172	773	540	-	-	-
12/2/2025	0.04	4,520	211	7,860	873	260	836	2,370	886	0	520	8,593	342	475	344	0	1,268	0	721	0	-	-	-
12/3/2025	0.00	4,050	219	9,120	858	256	835	3,180	885	0	446	8,085	340	500	364	0	1,261	0	719	541	-	-	-
12/4/2025	0.89	4,180	221	7,940	862	240	835	2,950	885	0	544	7,147	340	3,657	253	0	1,253	5,751	714	548	-	-	-
12/5/2025	0.31	4,860	217	7,940	898	303	837	2,950	887	0	552	9,060	331	5,380	147	0	1,247	0	822	1,647	-	-	-
12/6/2025	0.27	4,910	214	9,190	887	0	820	2,980	883	0	0	10,380	322	3,524	268	0	0	0	0	1,640	-	-	-
12/7/2025	0.33	4,880	213	7,880	861	0	782	3,550	878	0	0	11,396	323	3,450	256	0	0	5,337	0	540	-	-	-
12/8/2025	2.08	3,270	225	5,230	858	857	705	1,770	875	0	540	6,993	327	3,771	183	0	1,228	6,987	774	537	-	-	-
12/9/2025	0.51	3,270	228	5,230	857	556	692	1,770	873	0	525	6,993	328	3,771	208	0	1,250	0	685	537	-	-	-
12/10/2025	0.89	3,270	228	5,230	857	2,191	692	1,770	873	0	570	6,993	328	3,771	208	0	1,251	5,296	653	537	-	-	-
12/11/2025	1.44	3,270	228	5,230	857	4,873	692	1,770	873	0	509	6,993	328	3,771	208	0	1,279	4,717	633	537	-	-	-
12/12/2025	0.04	3,270	228	5,230	857	5,489	692	1,770	873	0	519	6,993	328	3,771	208	0	1,270	0	595	537	-	-	-
12/13/2025	0.00	3,270	228	5,230	857	0	692	1,770	873	0	0	6,993	328	3,771	208	0	0	0	0	537	-	-	-
12/14/2025	0.04	3,270	228	5,230	857	0	692	1,770	873	0	0	6,993	328	3,771	208	0	0	5,245	0	537	-	-	-
12/15/2025	1.00	3,270	228	5,230	857	0	692	1,770	873	0	551	6,993	328	3,771	208	0	1,232	0	658	537	-	-	-
12/16/2025	0.56	6,880	225	10,570	847	0	693	4,110	868	0	550	14,200	352	3,771	288	0	1,221	4,393	642	1,082	-	-	-
12/17/2025	0.00	6,770	71	10,620	283	0	768	3,990	872	0	565	16,309	376	2,295	300	0	1,222	0	693	7	-	-	-
12/18/2025	0.00	7,810	159	10,390	586	0	702	3,550	851	0	458	12,318	374	6,355	253	0	1,211	0	701	0	-	-	-
12/19/2025	0.14	7,690	199	10,550	731	0	713	4,150	846	0	541	11,662	375	7,120	348	0	1,211	0	679	2,324	-	-	-
12/20/2025	0.09	6,880	214	11,280	739	0	762	3,570	843	0	0	12,894	376	2,475	378	0	0	0	0	1,104	-	-	-
12/21/2025	0.18	7,760	219	10,610	781	0	690	4,150	850	0	0	13,384	376	1,501	393	0	0	5,103	0	0	-	-	-
12/22/2025	0.30	7,780	220	10,500	825	0	680	3,560	866	0	482	13,089	379	2,420	411	0	1,257	5,238	652	0	-	-	-
12/23/2025	0.02	6,900	220	11,920	803	0	703	4,140	870	0	508	13,347	381	2,608	405	0	1,250	0	723	1,739	-	-	-
12/24/2025	0.17	7,800	219	12,030	826	0	779	3,560	870	0	541	12,459	379	2,003	440	0	1,242	0	700	541	-	-	-
12/25/2025	0.32	7,800	217	11,940	825	0	789	4,150	856	0	0	12,069	377	2,968	433	0	0	5,141	0	0	-	-	-
12/26/2025	0.12	7,750	216	12,030	781	0	770	3,570	855	0	494	12,447	373	2,659	414	0	1,214	0	747	2,144	-	-	-
12/27/2025	0.00	5,970	216	11,990	726	0	783	3,550	860	0	0	12,272	370	1,979	409	0	0	0	0	552	-	-	-
12/28/2025	0.01	6,810	218	10,710	659	0	810	3,550	849	0	0	9,604	374	1,156	431	0	0	5,046	0	7	-	-	-
12/29/2025	0.00	6,820	219	11,850	519	0	827	3,560	848	0	564	8,323	372	1,117	466	0	1,200	0	716	0	-	-	-
12/30/2025	0.00	7,540	218	11,930	556	0	834	3,550	860	0	548	7,620	366	838	496	0	1,195	0	677	1,914	-	-	-
12/31/2025	0.01	6,940	216	10,640	709	0	837	3,550	874	0	567	6,739	366	666	532	0	1,192	0	664	1,104	-	-	-


LDCS-1 (DailyTotals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-1 Cond. (µS/cm)
LDCS-1 Vol. (Gal.)
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025

LDCS-2A (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington




LDCS-2B (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-2B Cond. (µS/cm)
LDCS-2B Vol. (Gal)
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
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7/1/2025
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9/1/2025
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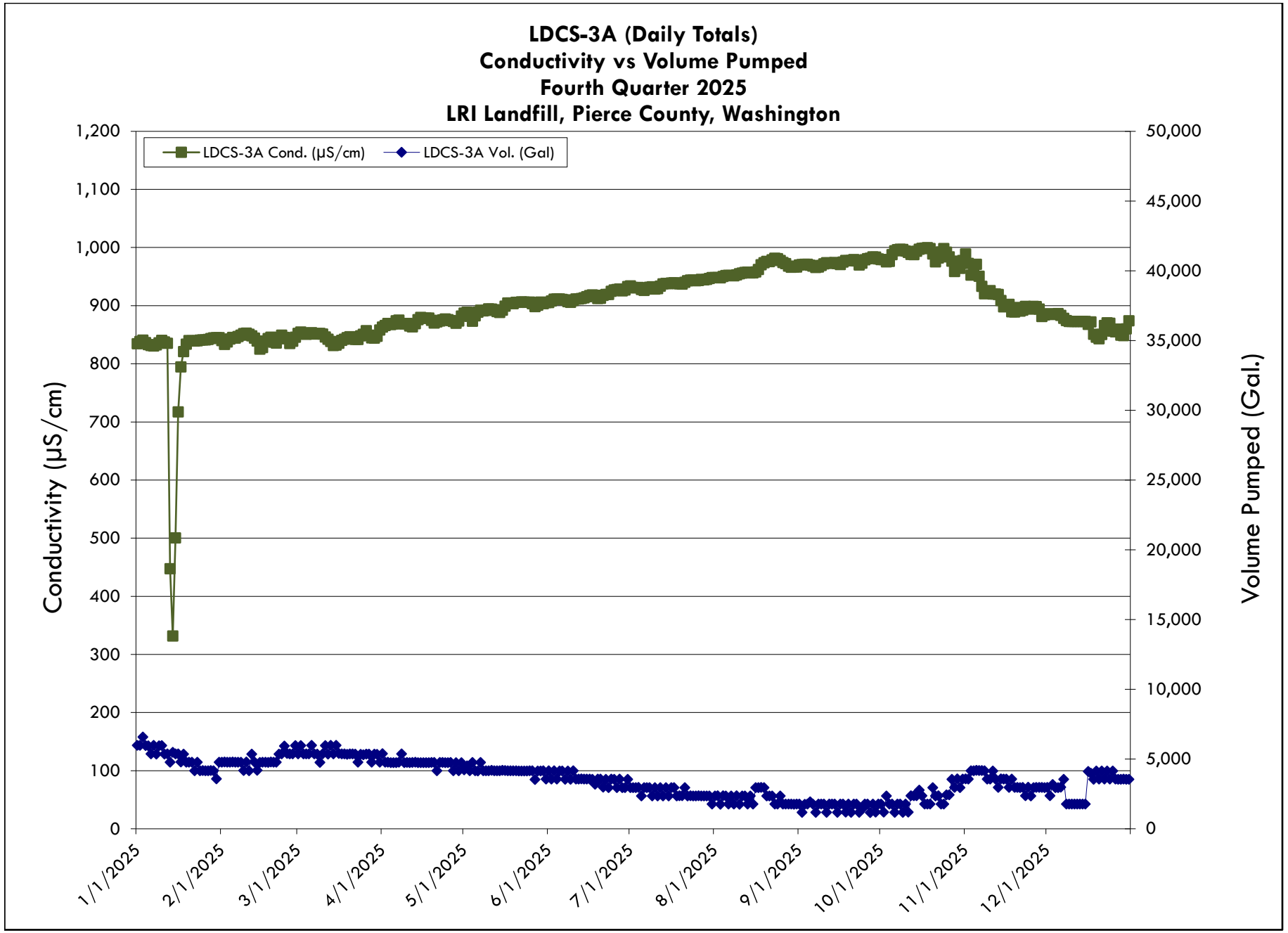
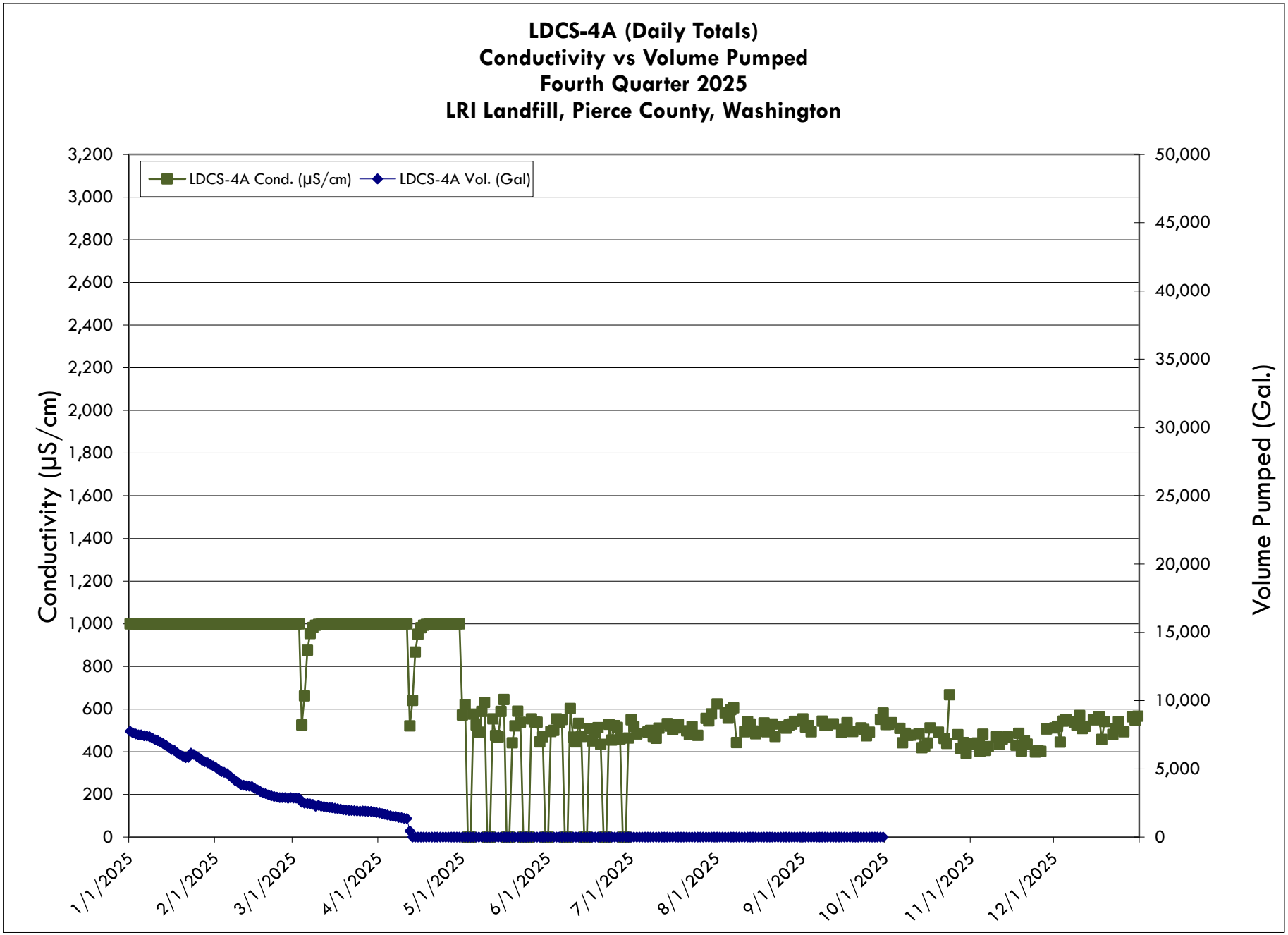
11/1/2025
12/1/2025

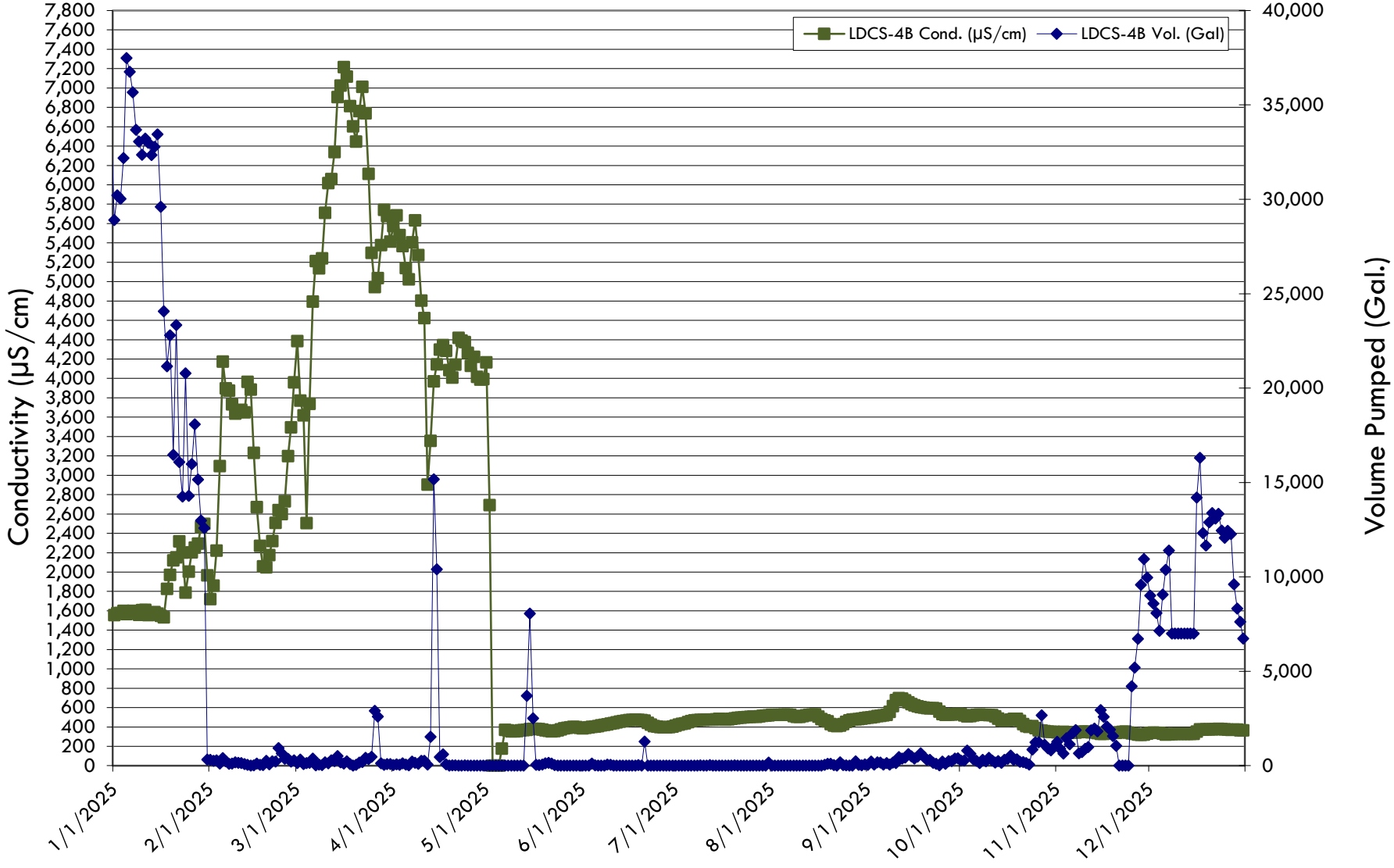

LDCS-3A (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-3A Cond. (µS/cm)
LDCS-3A Vol. (Gal)
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025

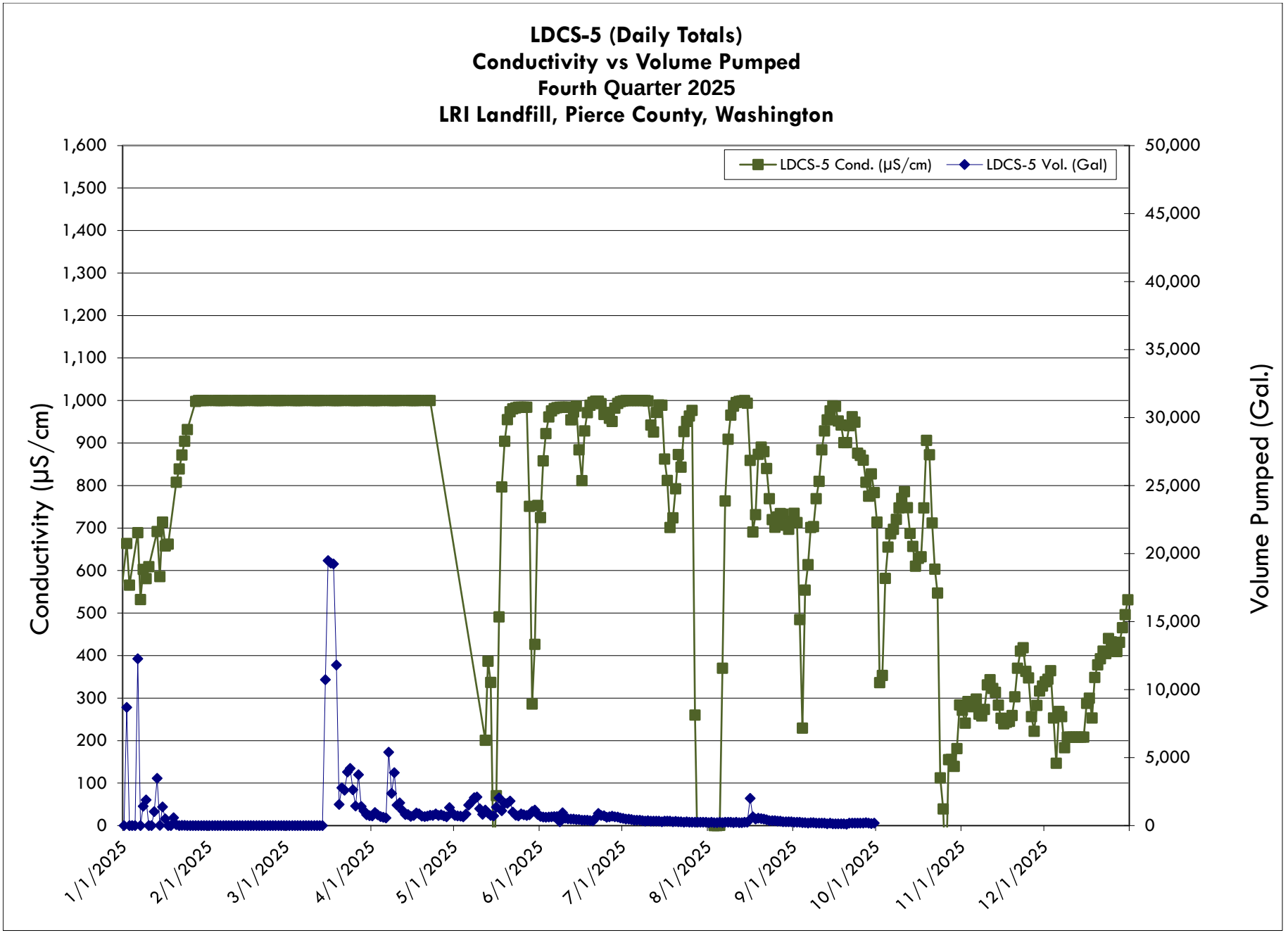
LDCS-4A (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington



LDCS-4B (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Spike in flow from mid December 2024 through the end of January 2025 due to solids accumulation in pump. Pump was cleaned and flow was restored at the end of January.




LDCS-5 (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-5 Cond. (µS/cm)
LDCS-5 Vol. (Gal)
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,600
1,500
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
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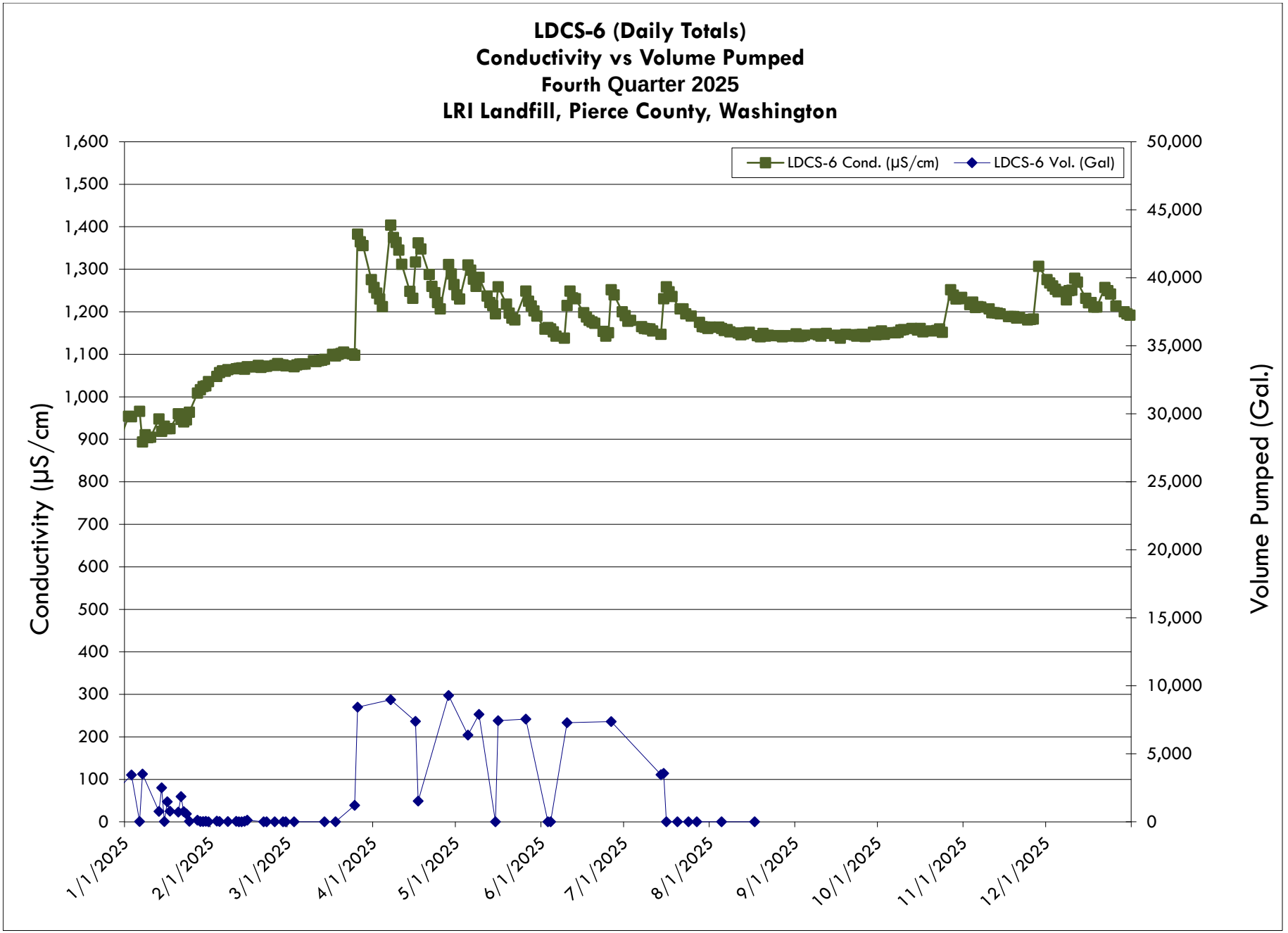
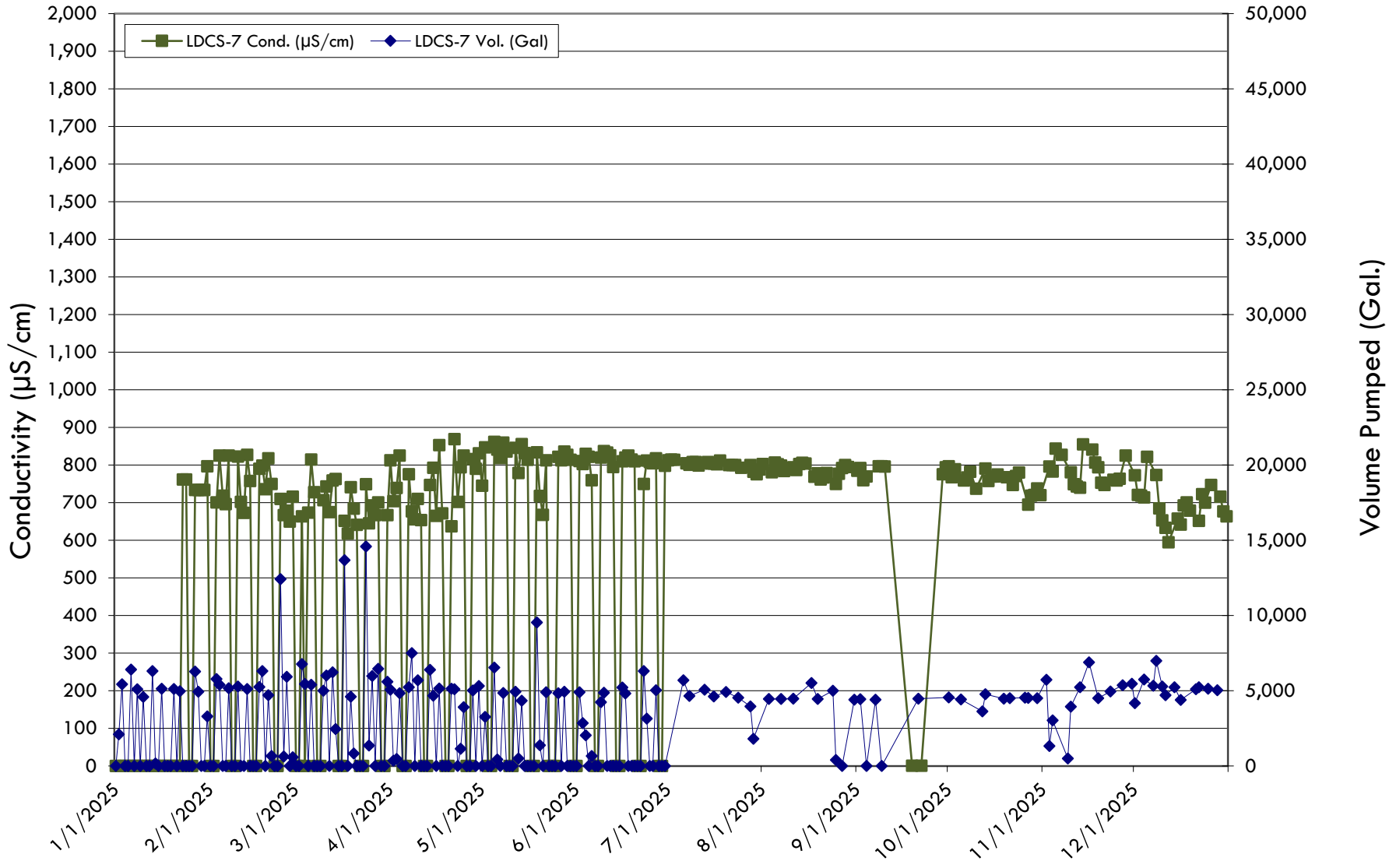
12/1/2025

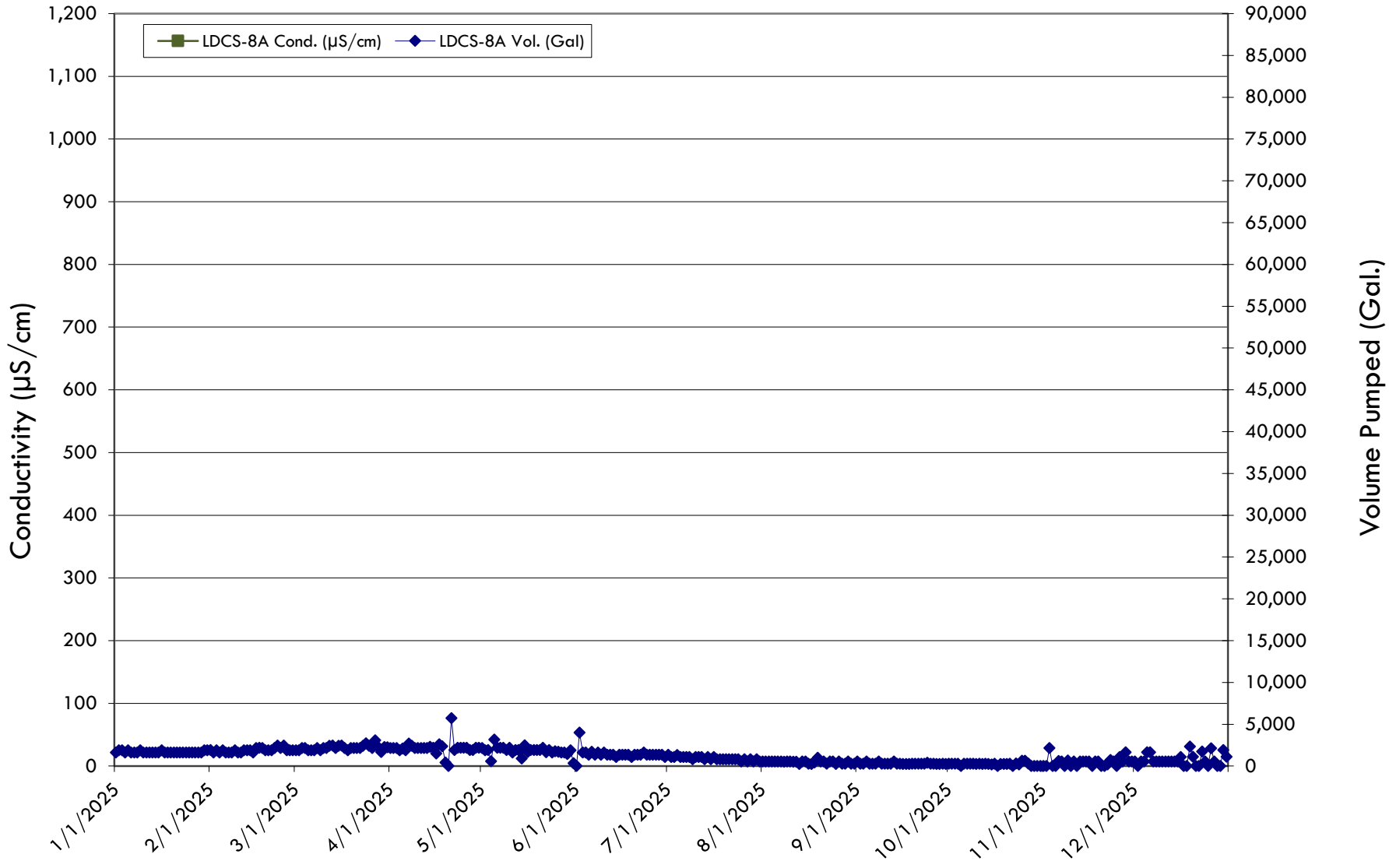

LDCS-6 (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-6 Cond. (µS/cm)
LDCS-6 Vol. (Gal)
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,600
1,500
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025

LDCS-7 (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington



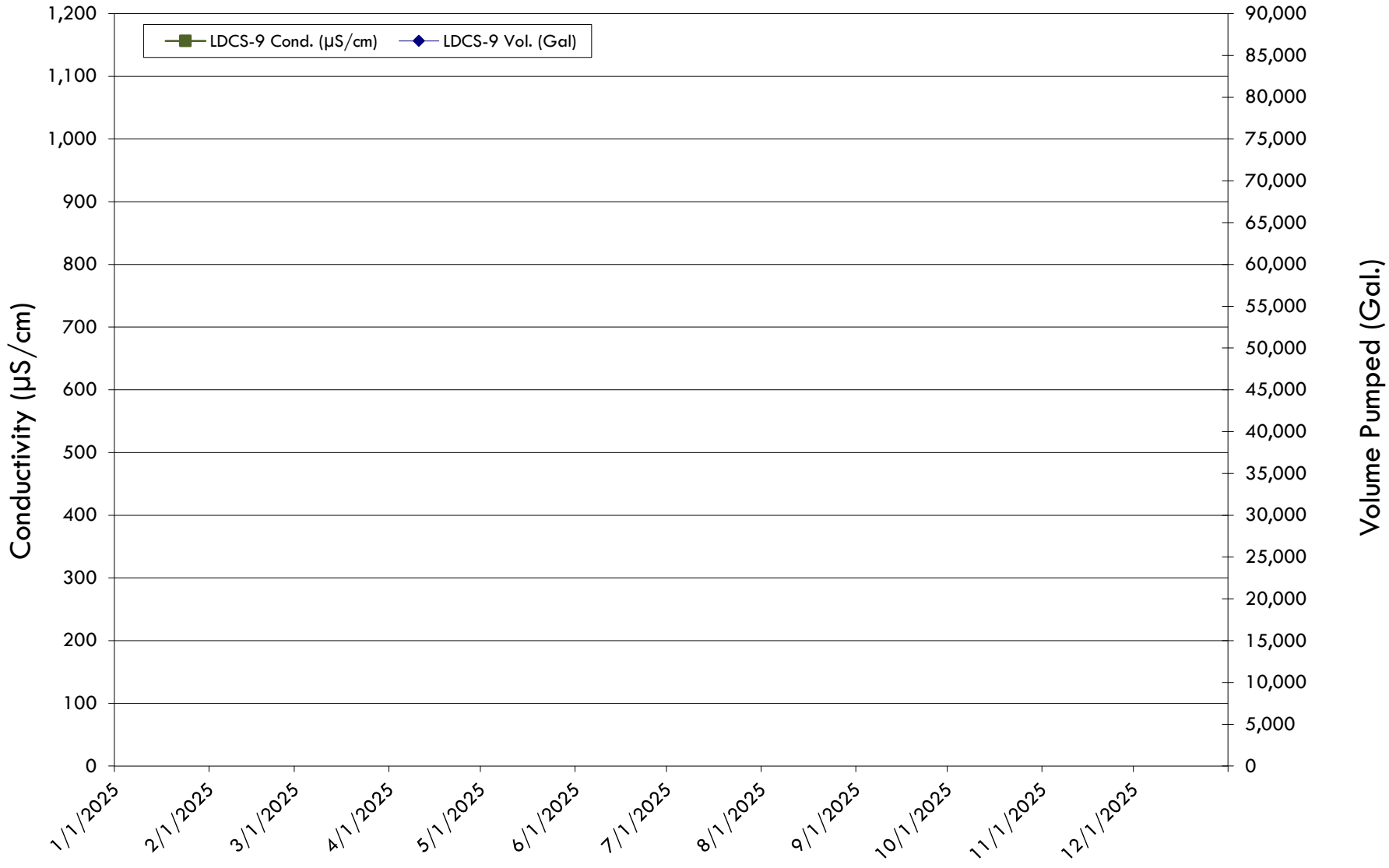
LDCS-8 (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

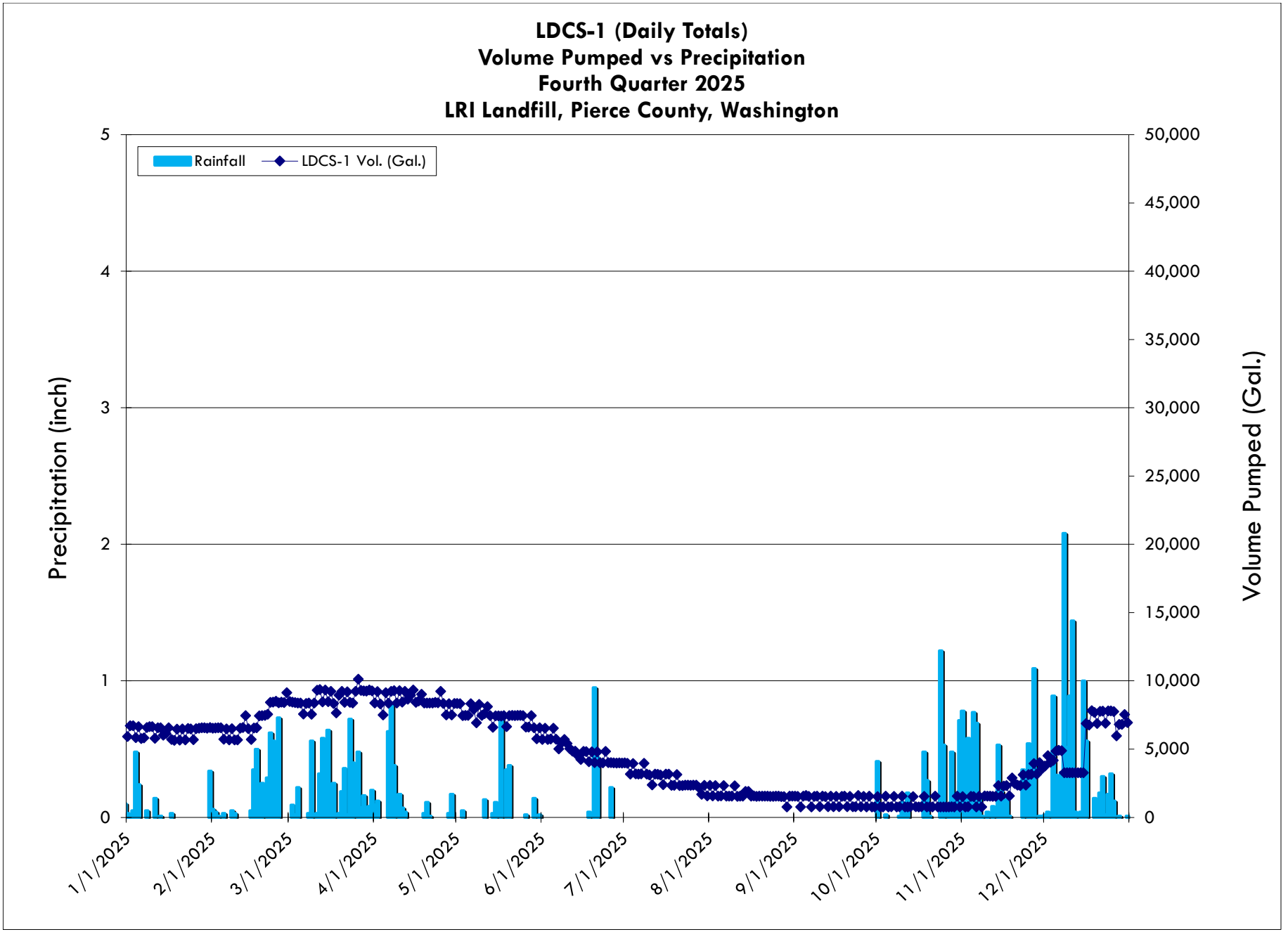
*Conductivity Probe malfunction June 2023 through December 2025



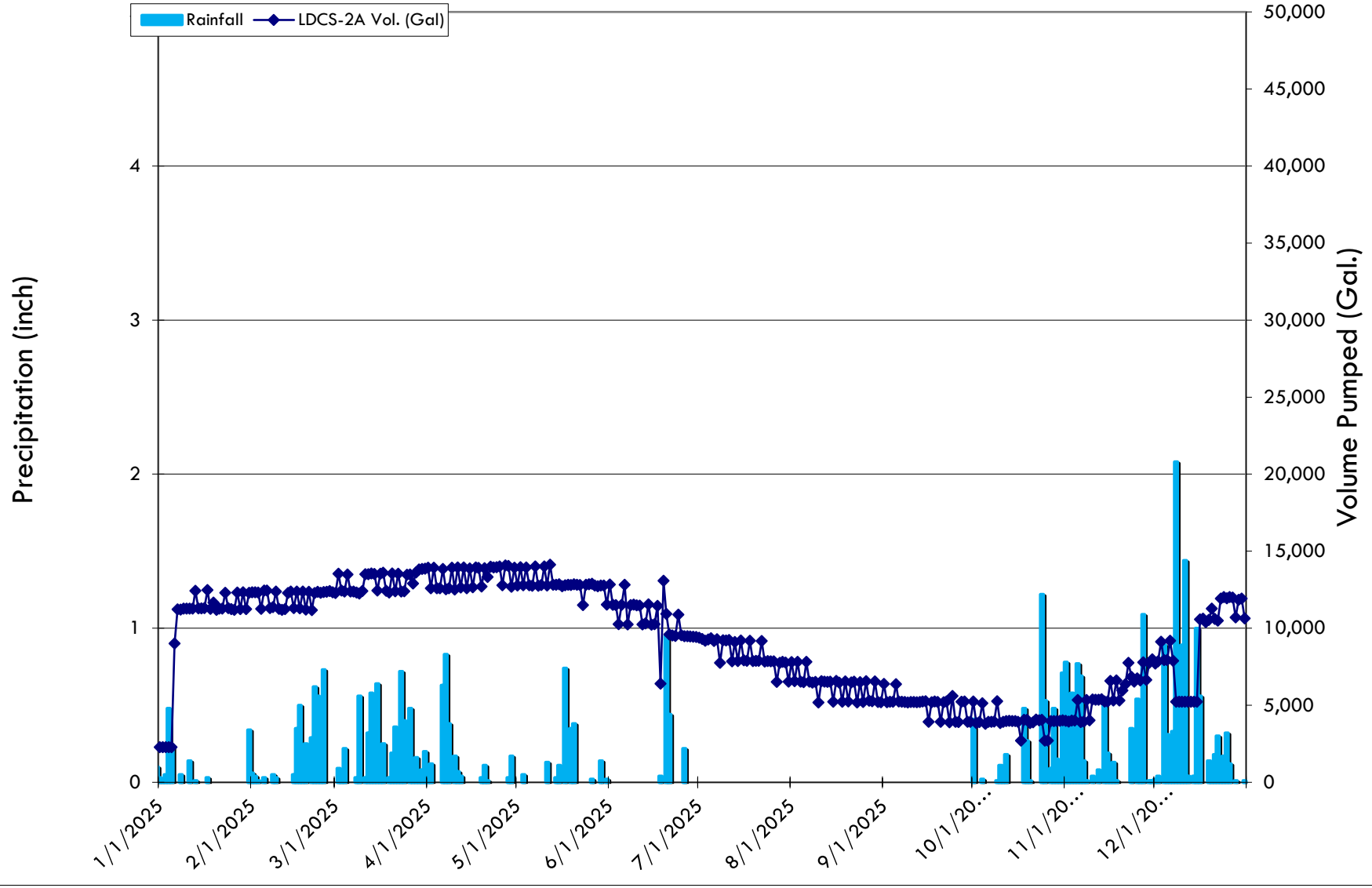
LDCS-9 (Daily Totals)
Conductivity vs Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

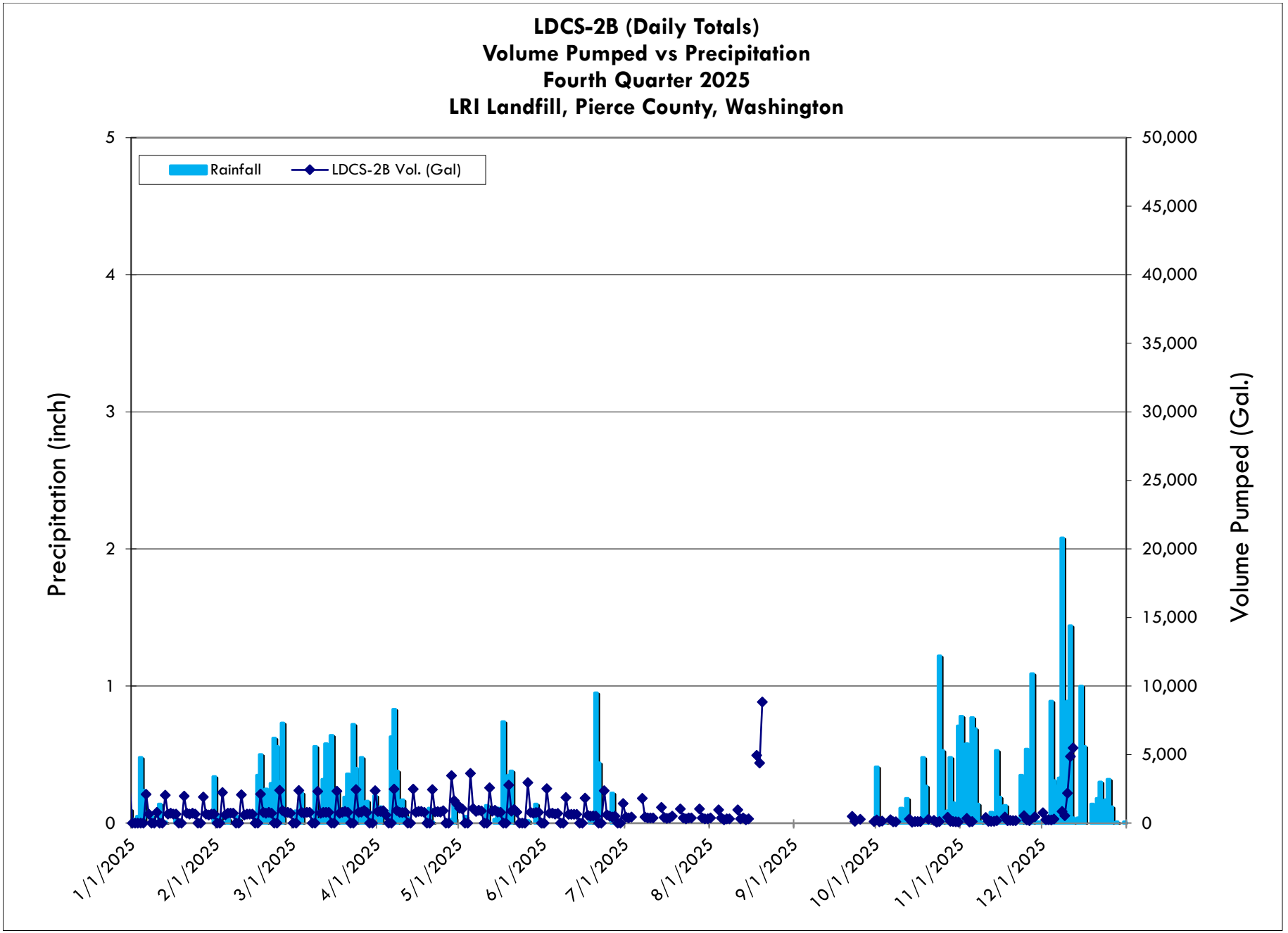
*Conductivity Probe and pump malfunction August 2023 through December 2025




LDCS-1 (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
Rainfall
LDCS-1 Vol. (Gal.)
Precipitation (inch)
Volume Pumped (Gal.)
0
1
2
3
4
5
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025

LDCS-2A (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington




LDCS-2B (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
Rainfall
LDCS-2B Vol. (Gal)
Precipitation (inch)
Volume Pumped (Gal.)
0
1
2
3
4
5
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
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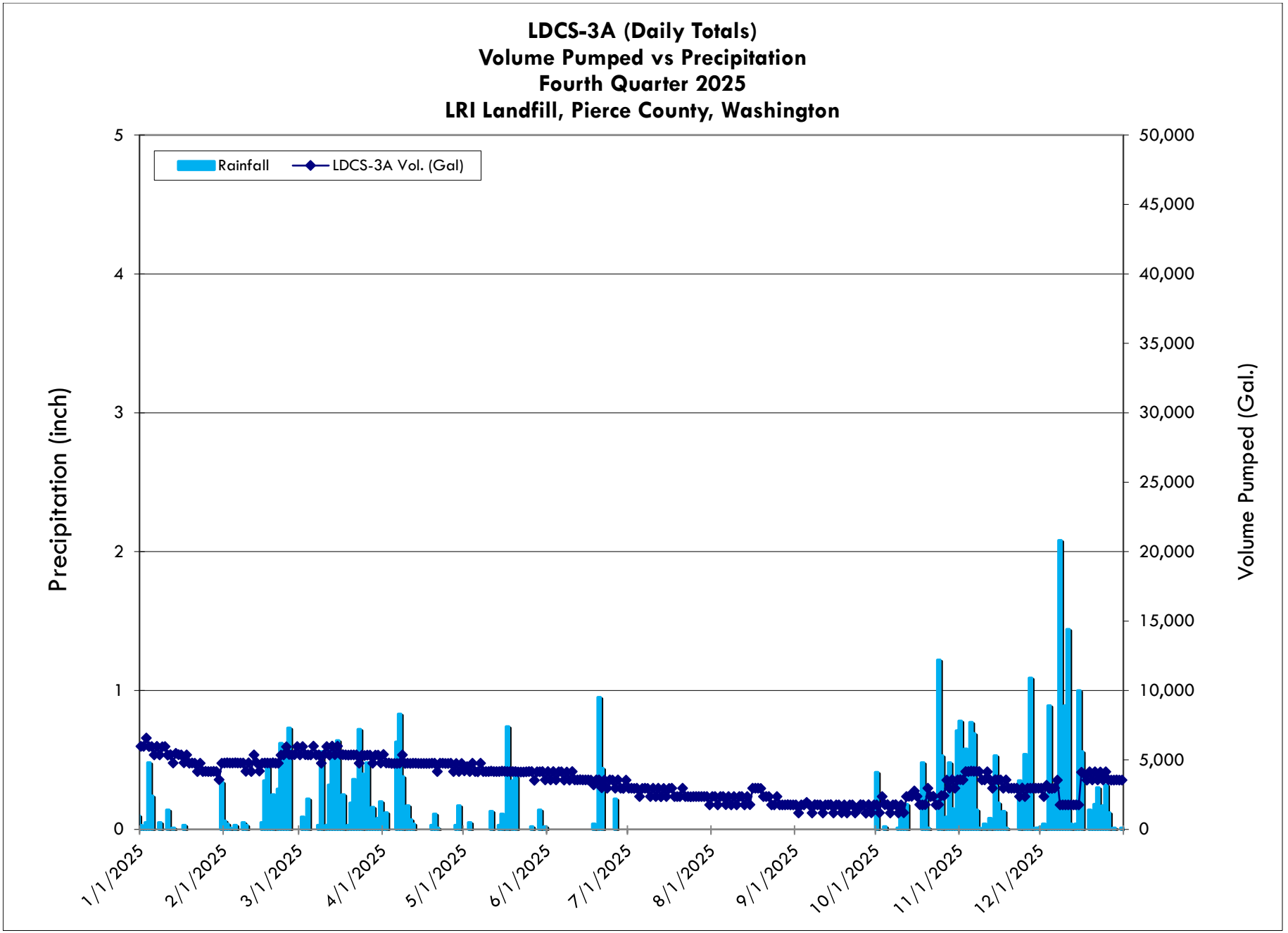
12/1/2025


LDCS-3A (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
Rainfall
LDCS-3A Vol. (Gal)
Precipitation (inch)
Volume Pumped (Gal.)
0
1
2
3
4
5
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
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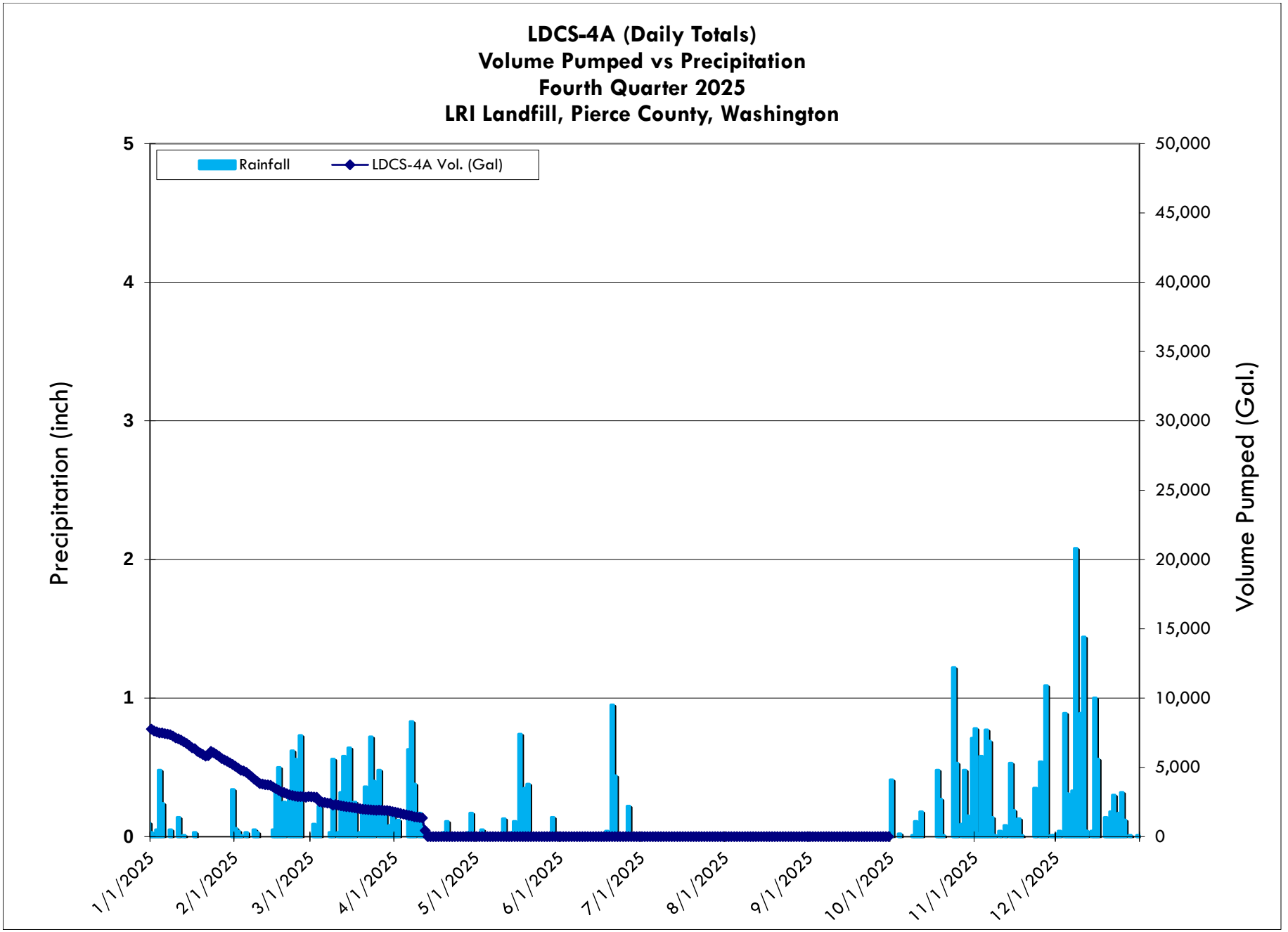
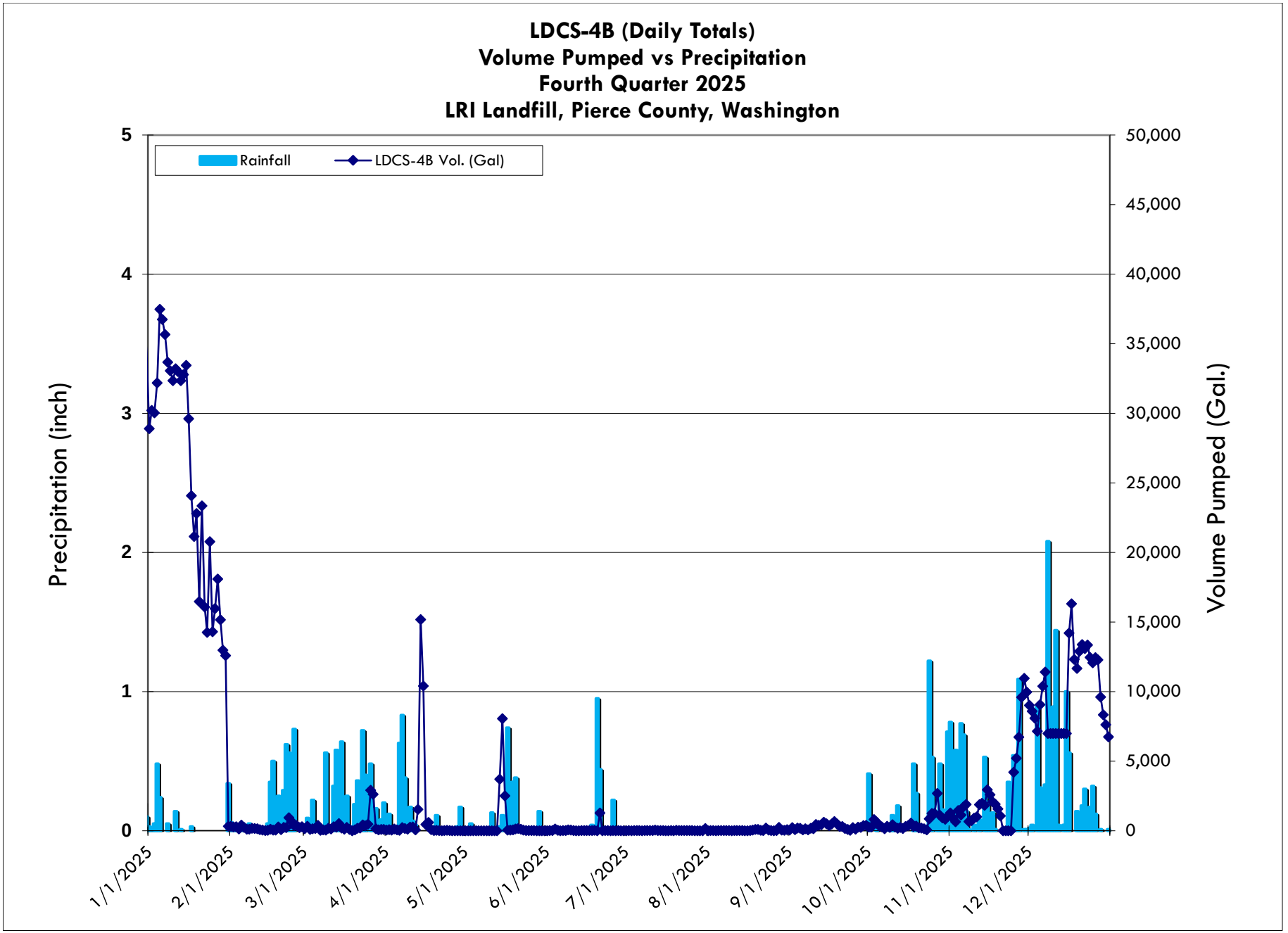
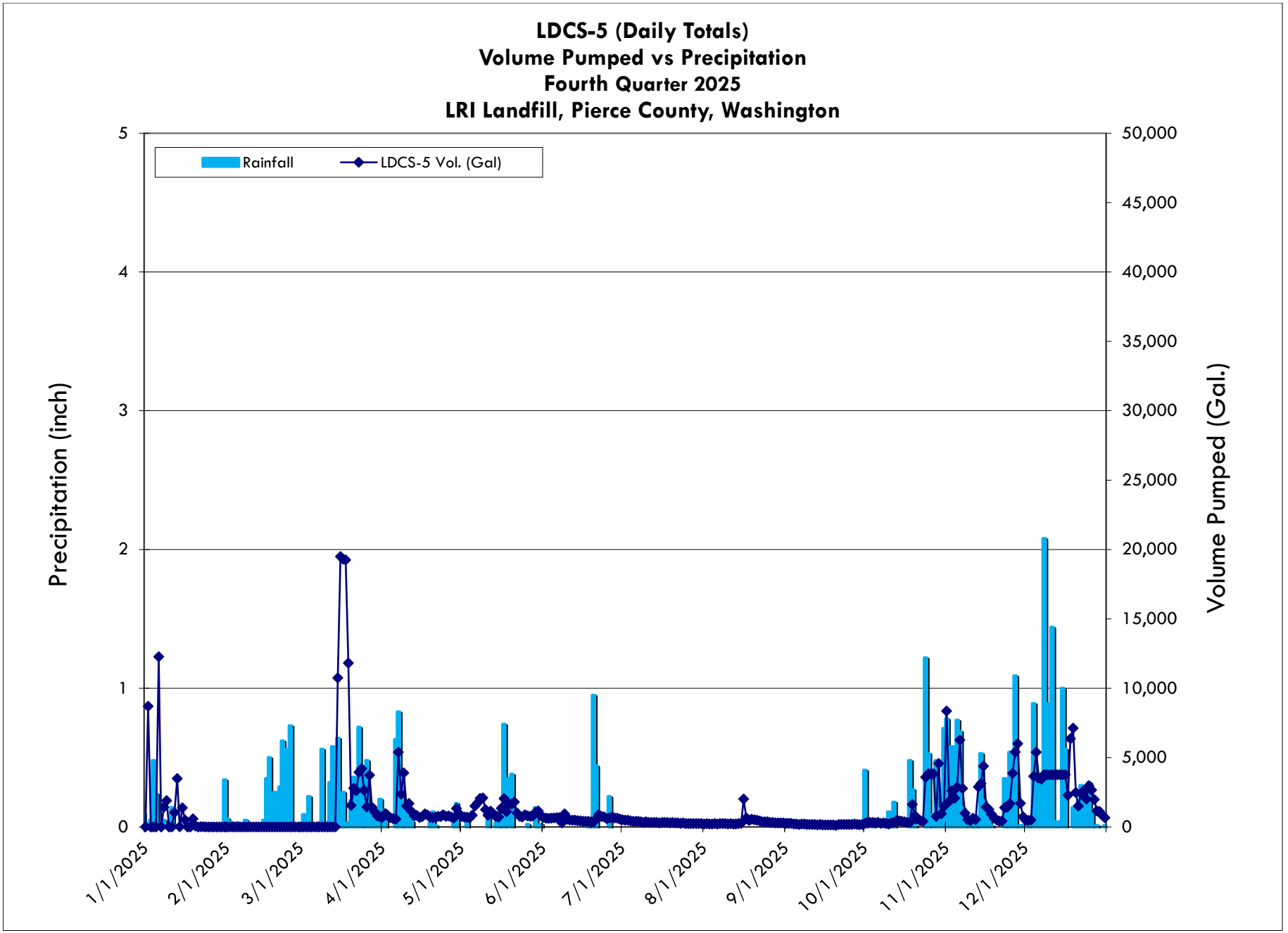
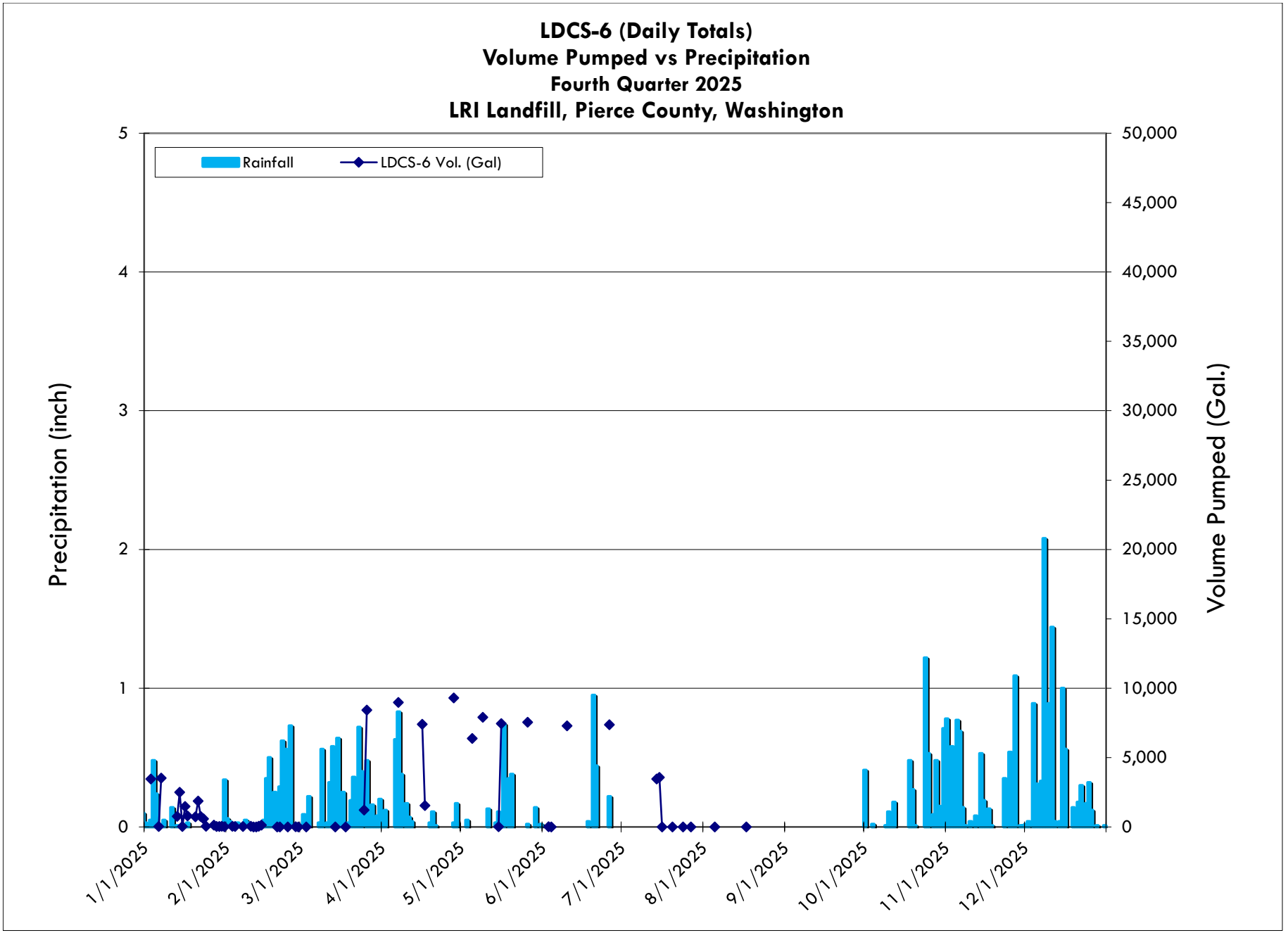
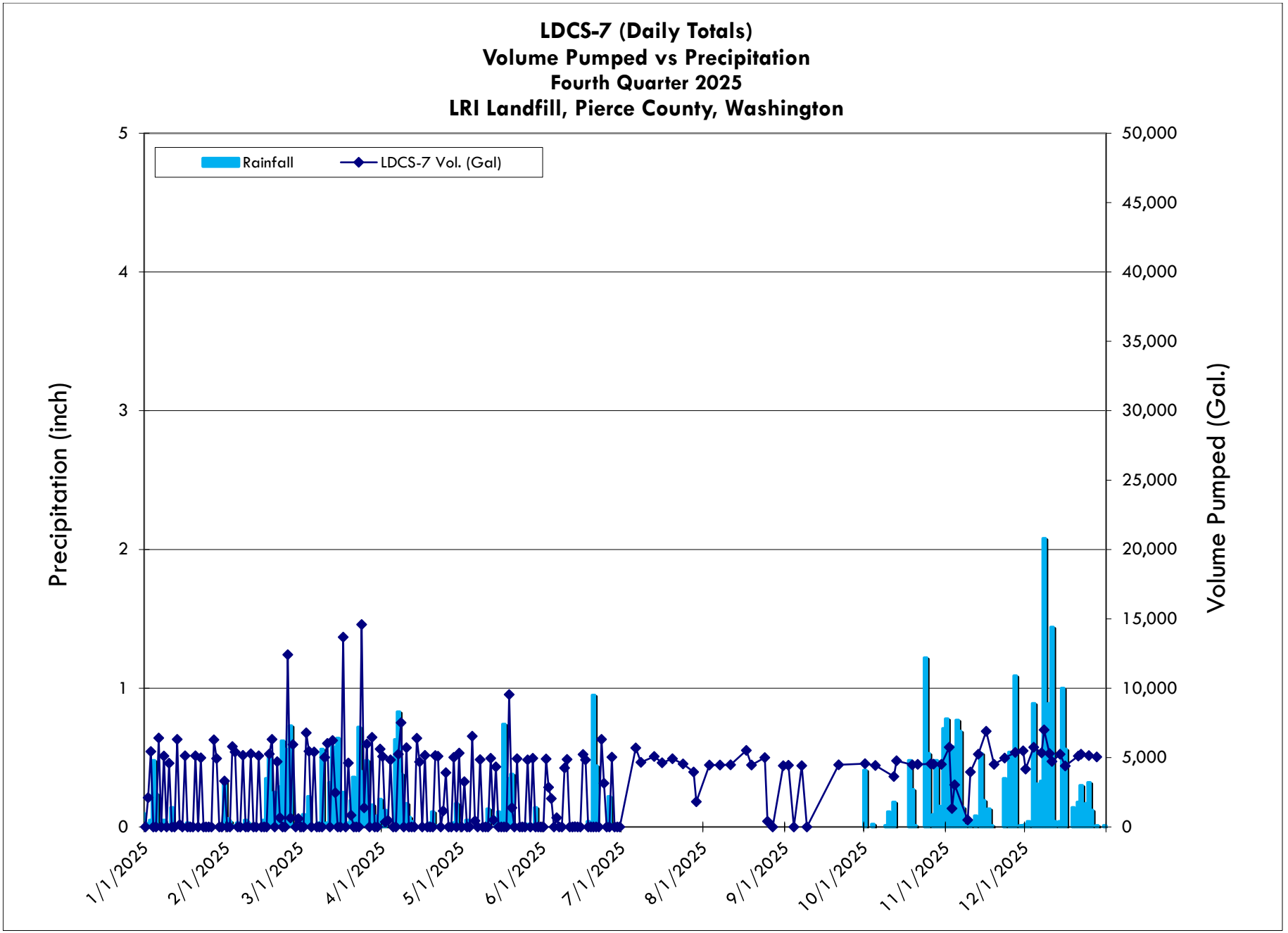
12/1/2025

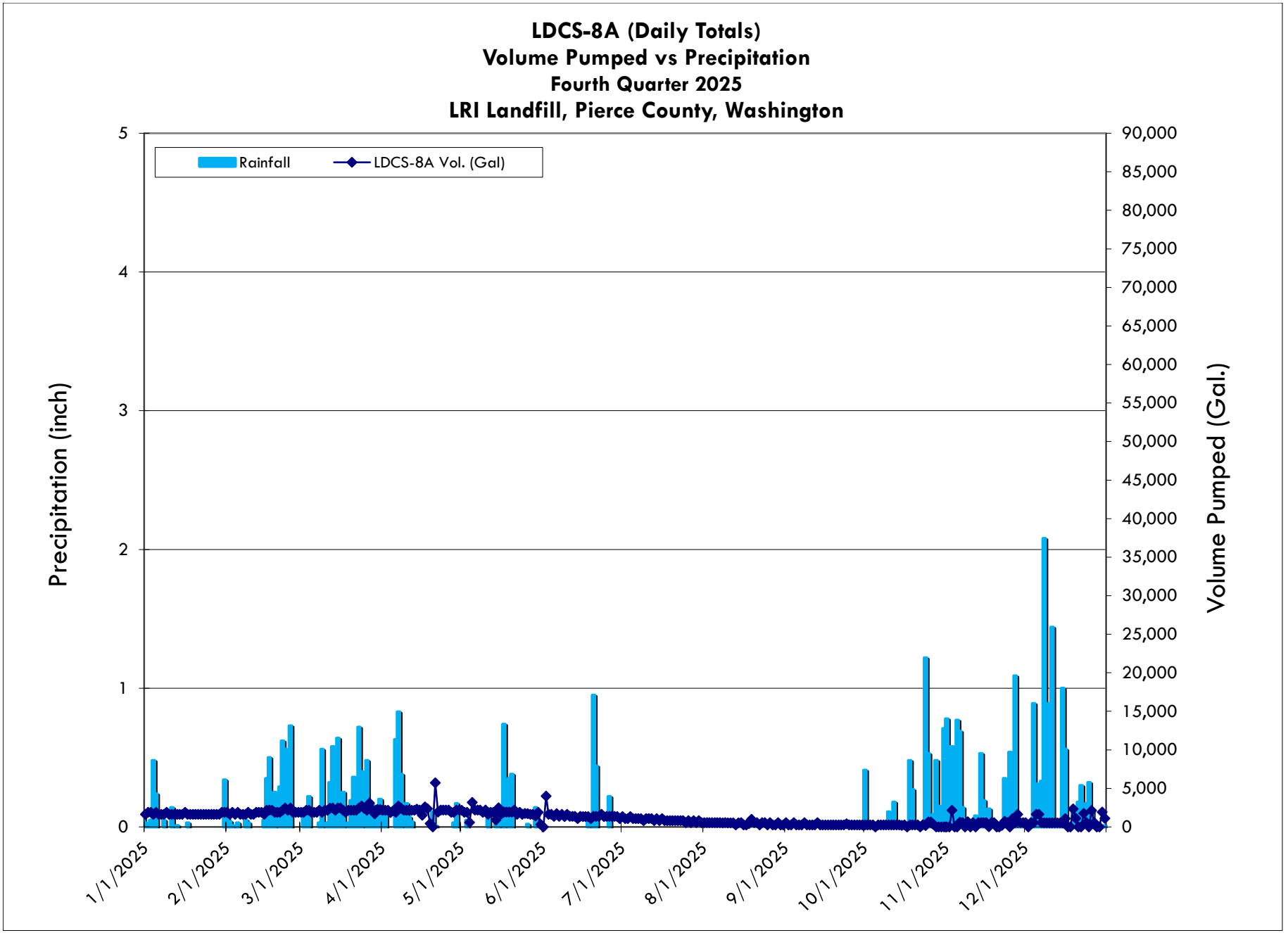

LDCS-4A (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
Rainfall
LDCS-4A Vol. (Gal)
Precipitation (inch)
Volume Pumped (Gal.)
0
1
2
3
4
5
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025


LDCS-4B (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
Rainfall
LDCS-4B Vol. (Gal)
Precipitation (inch)
Volume Pumped (Gal.)
0
1
2
3
4
5
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025


LDCS-5 (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
Rainfall
LDCS-5 Vol. (Gal)
Precipitation (inch)
Volume Pumped (Gal.)
0
1
2
3
4
5
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025

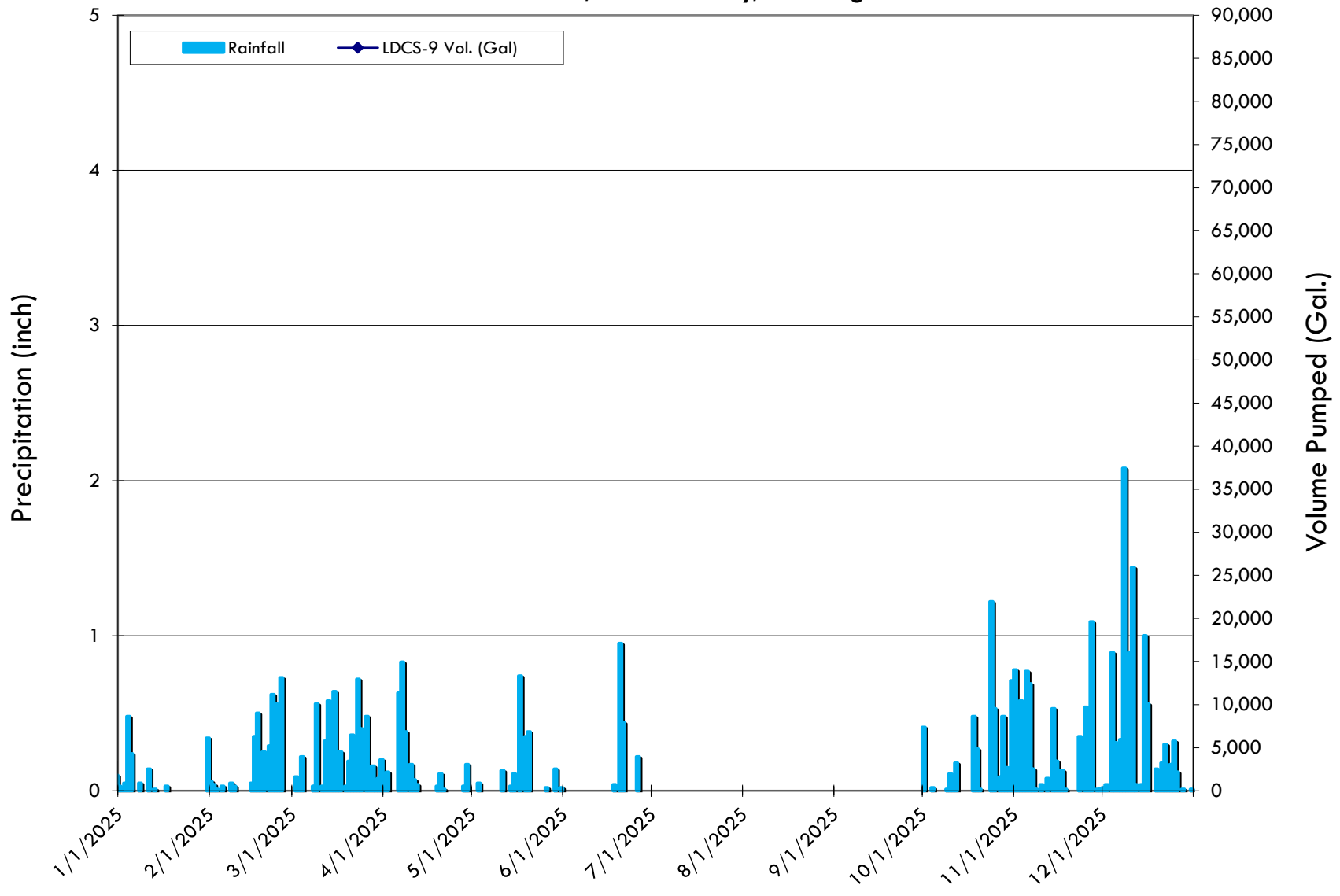

LDCS-6 (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
Rainfall
LDCS-6 Vol. (Gal)
Precipitation (inch)
Volume Pumped (Gal.)
0
1
2
3
4
5
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025

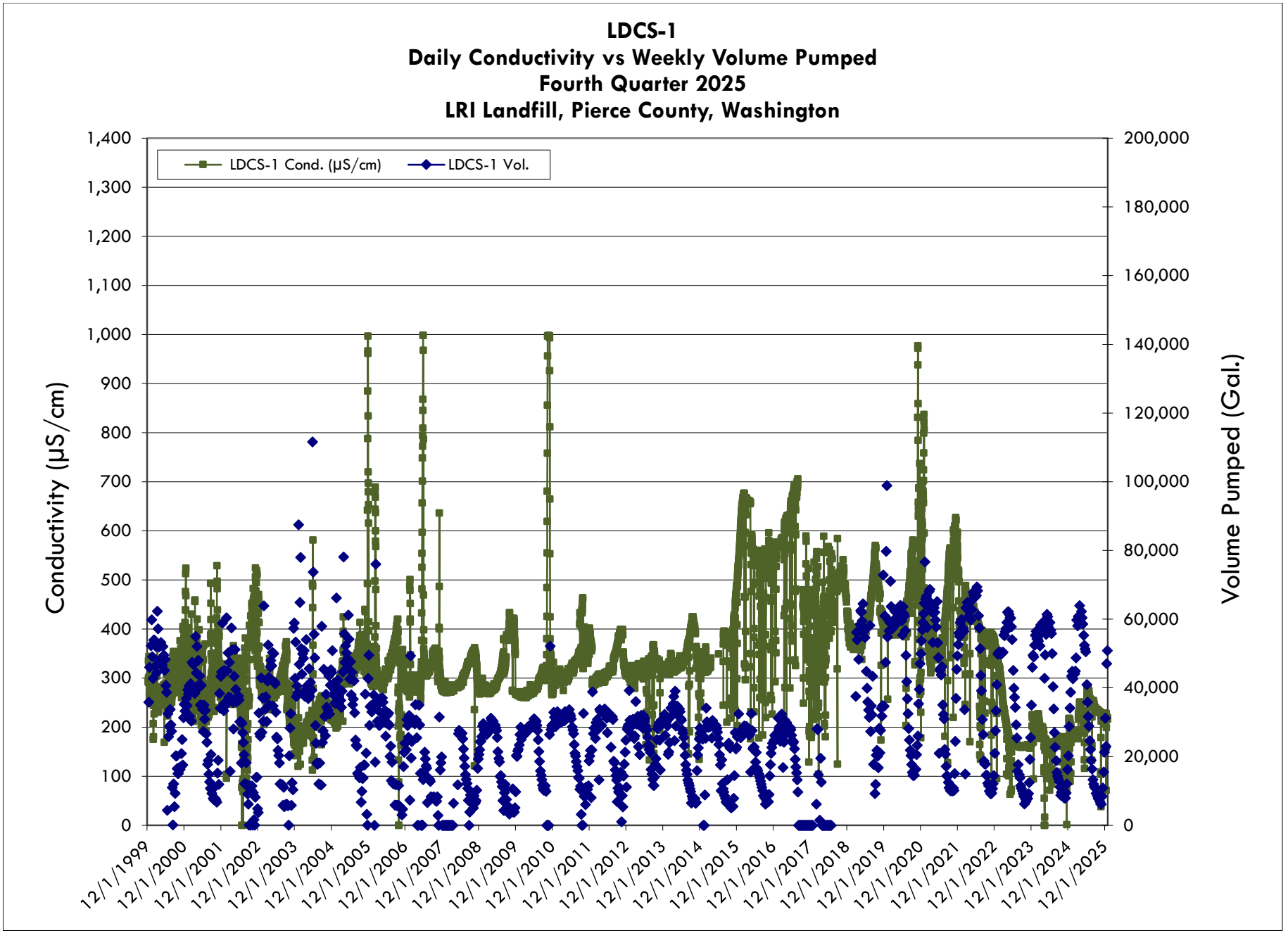

LDCS-7 (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
Rainfall
LDCS-7 Vol. (Gal)
Precipitation (inch)
Volume Pumped (Gal.)
0
1
2
3
4
5
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025


LDCS-8A (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
Rainfall
LDCS-8A Vol. (Gal)
Precipitation (inch)
Volume Pumped (Gal.)
0
1
2
3
4
5
0
5,000
10,000
15,000
20,000
25,000
30,000
35,000
40,000
45,000
50,000
55,000
60,000
65,000
70,000
75,000
80,000
85,000
90,000
1/1/2025
2/1/2025
3/1/2025
4/1/2025
5/1/2025
6/1/2025
7/1/2025
8/1/2025
9/1/2025
10/1/2025
11/1/2025
12/1/2025

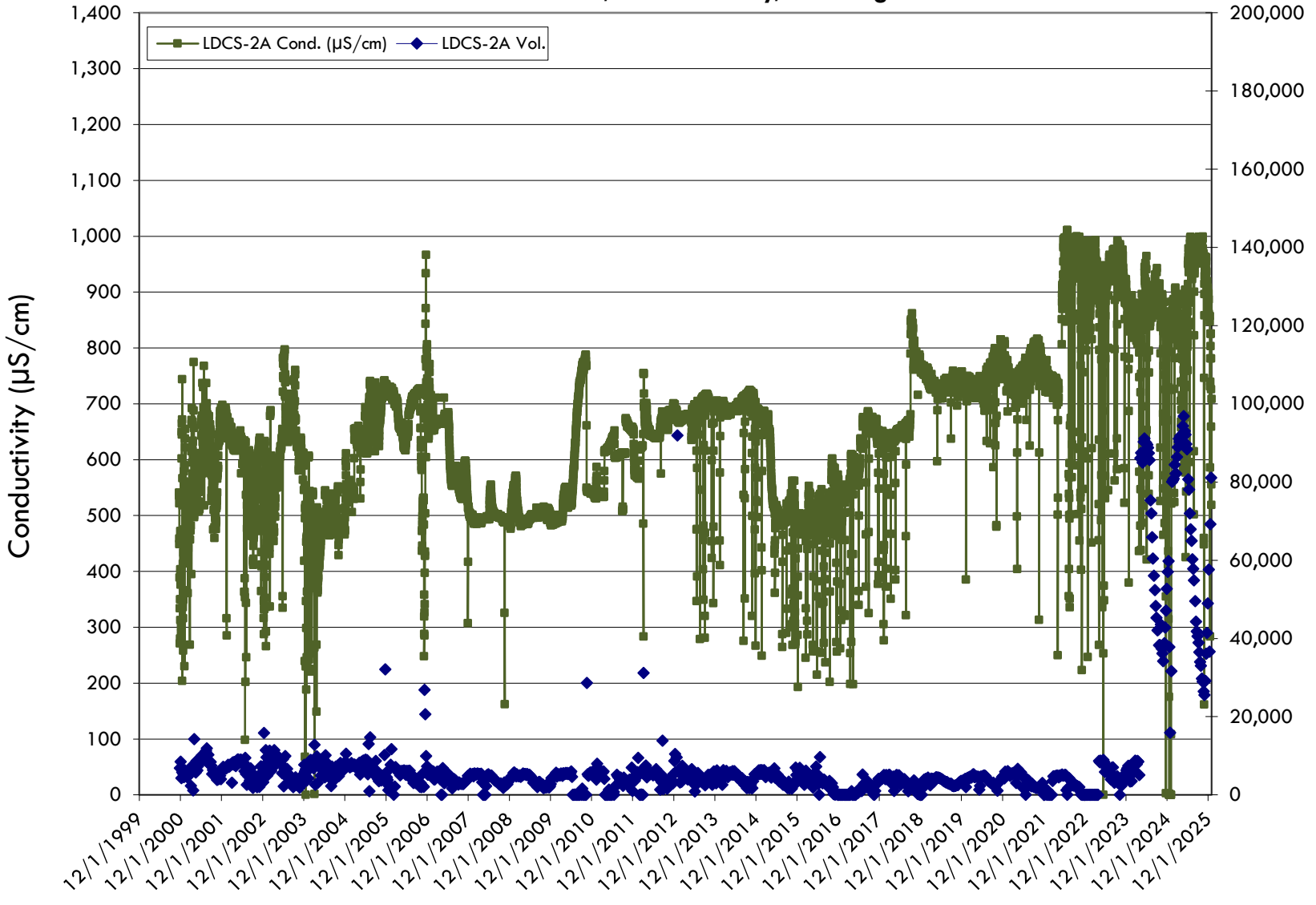
LDCS-9 (Daily Totals)
Volume Pumped vs Precipitation
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

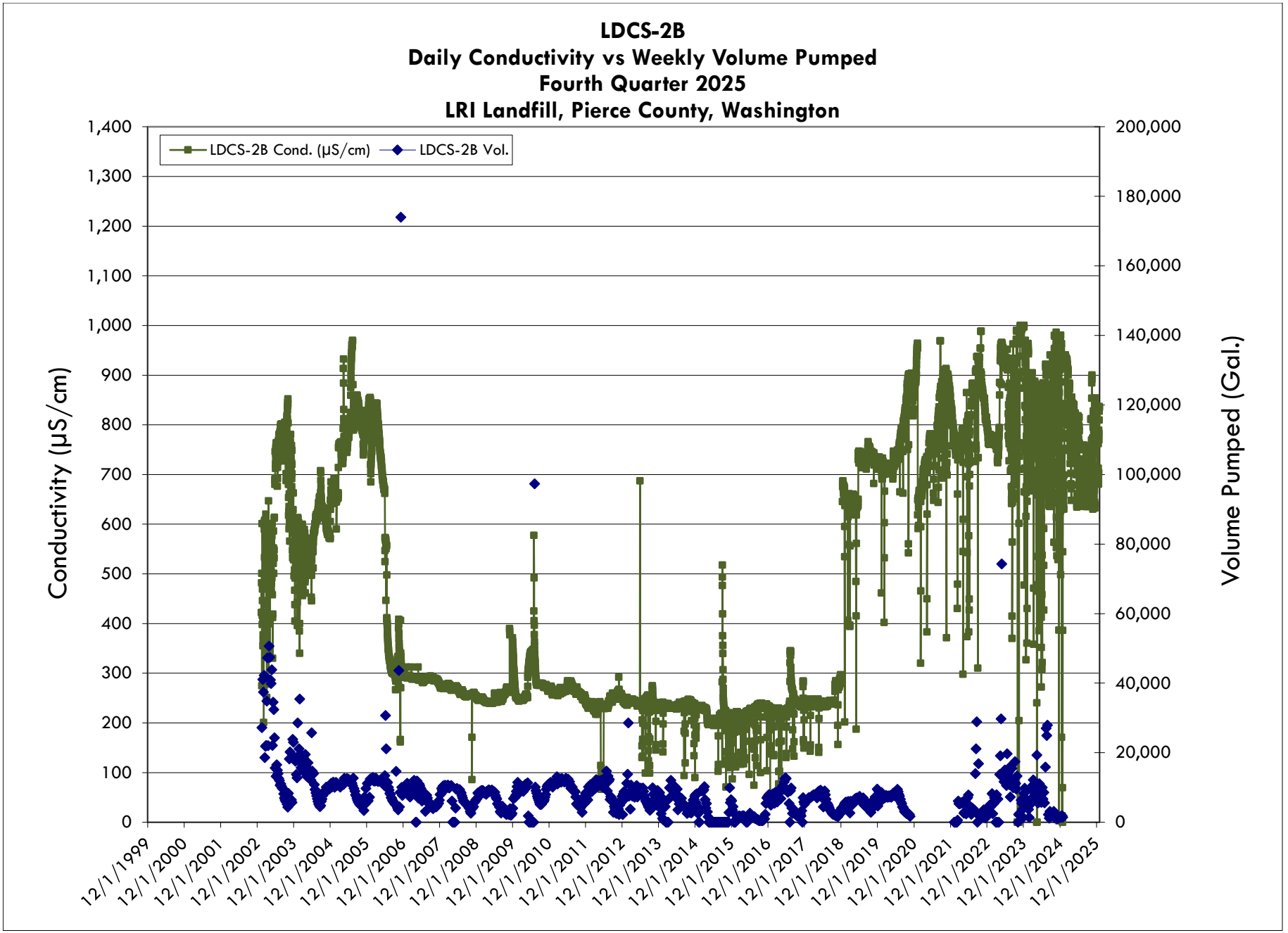
Probe malfunction from July 2024 through September 2025



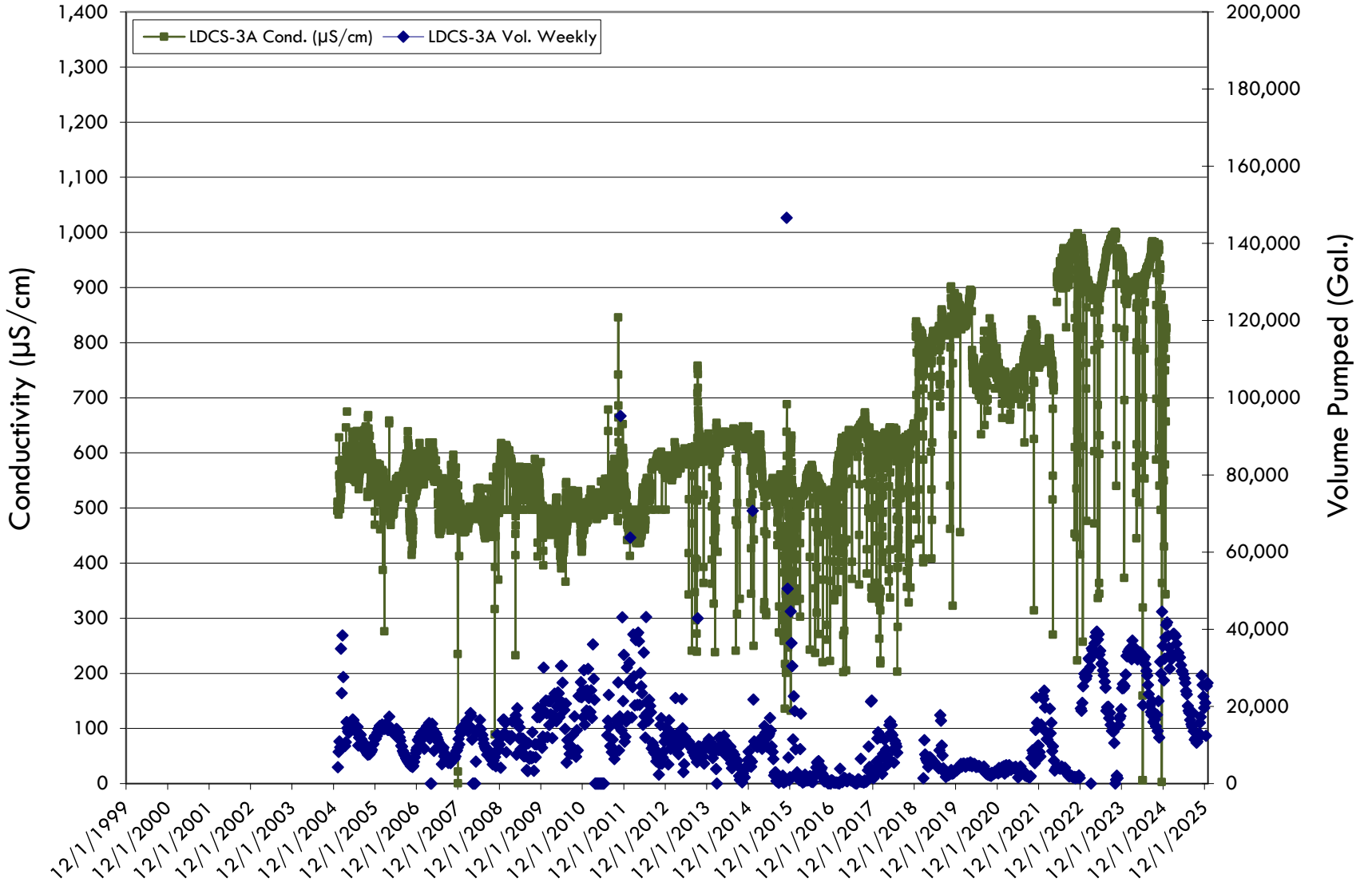

LDCS-1
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-1 Cond. (µS/cm)
LDCS-1 Vol.
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
12/1/1999
12/1/2000
12/1/2001
12/1/2002
12/1/2003
12/1/2004
12/1/2005
12/1/2006
12/1/2007
12/1/2008
12/1/2009
12/1/2010
12/1/2011
12/1/2012
12/1/2013
12/1/2014
12/1/2015
12/1/2016
12/1/2017
12/1/2018
12/1/2019
12/1/2020
12/1/2021
12/1/2022
12/1/2023
12/1/2024
12/1/2025

LDCS-2A
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

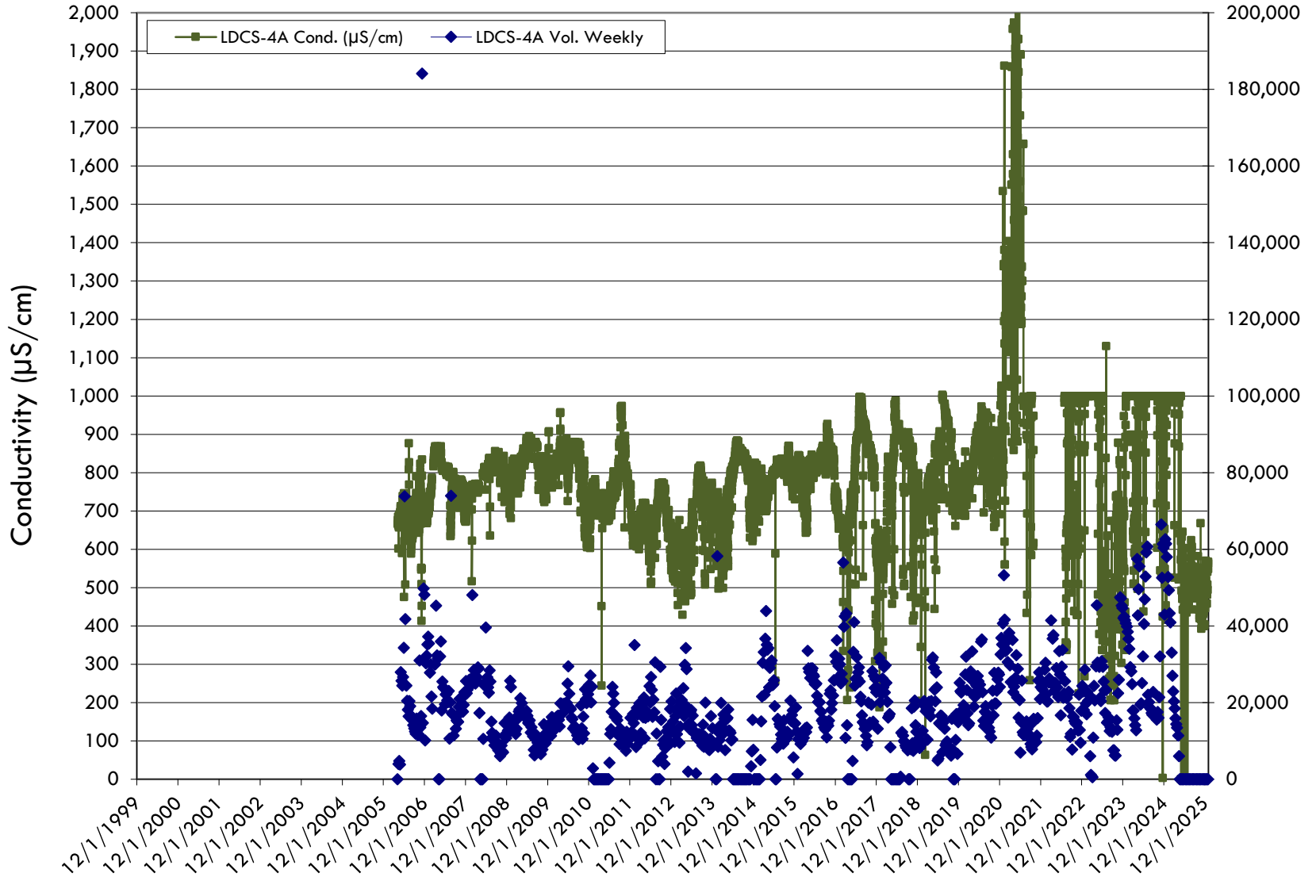


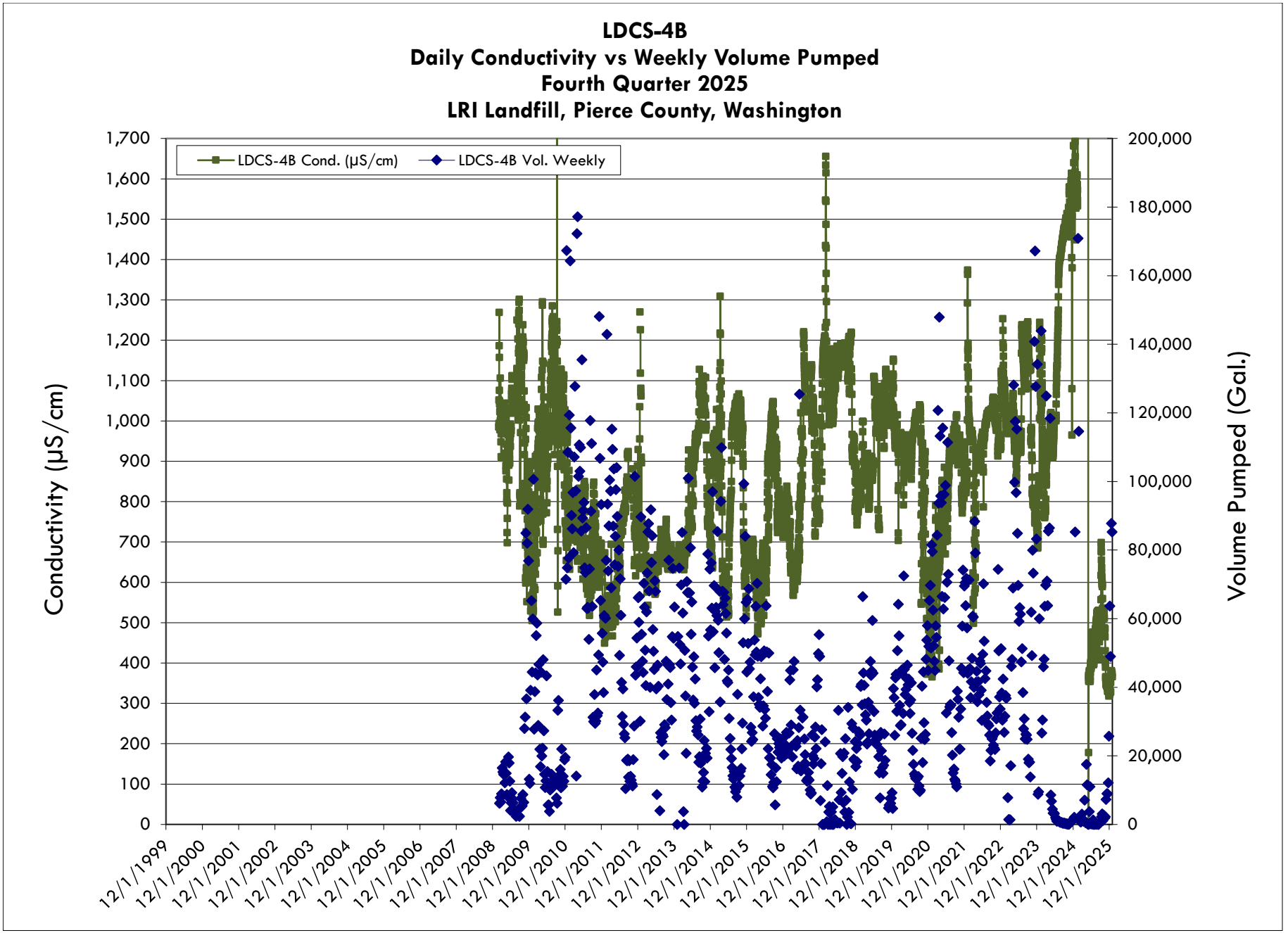

LDCS-2B
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-2B Cond. (µS/cm)
LDCS-2B Vol.
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
12/1/1999
12/1/2000
12/1/2001
12/1/2002
12/1/2003
12/1/2004
12/1/2005
12/1/2006
12/1/2007
12/1/2008
12/1/2009
12/1/2010
12/1/2011
12/1/2012
12/1/2013
12/1/2014
12/1/2015
12/1/2016
12/1/2017
12/1/2018
12/1/2019
12/1/2020
12/1/2021
12/1/2022
12/1/2023
12/1/2024
12/1/2025

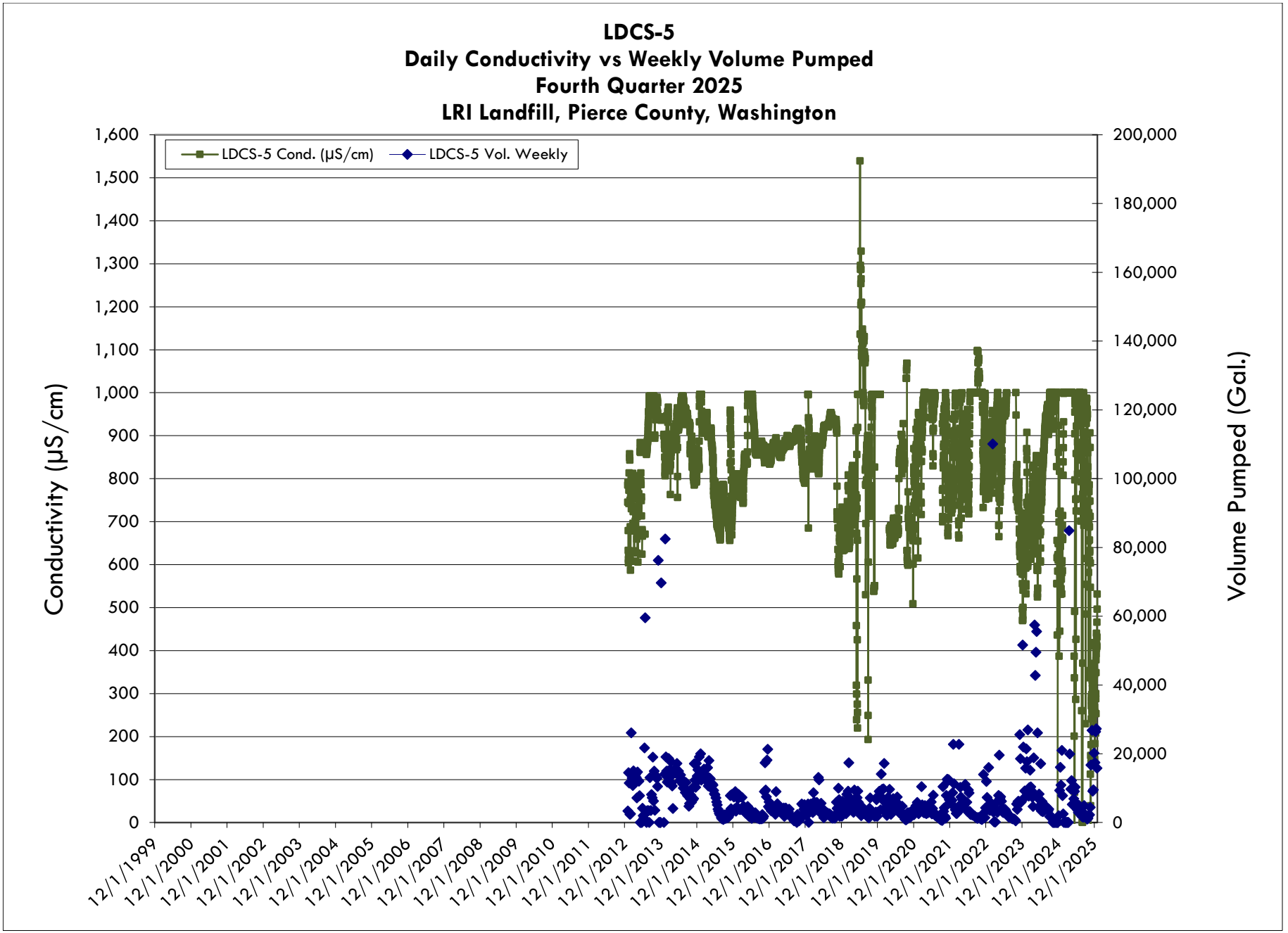
LDCS-3A
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

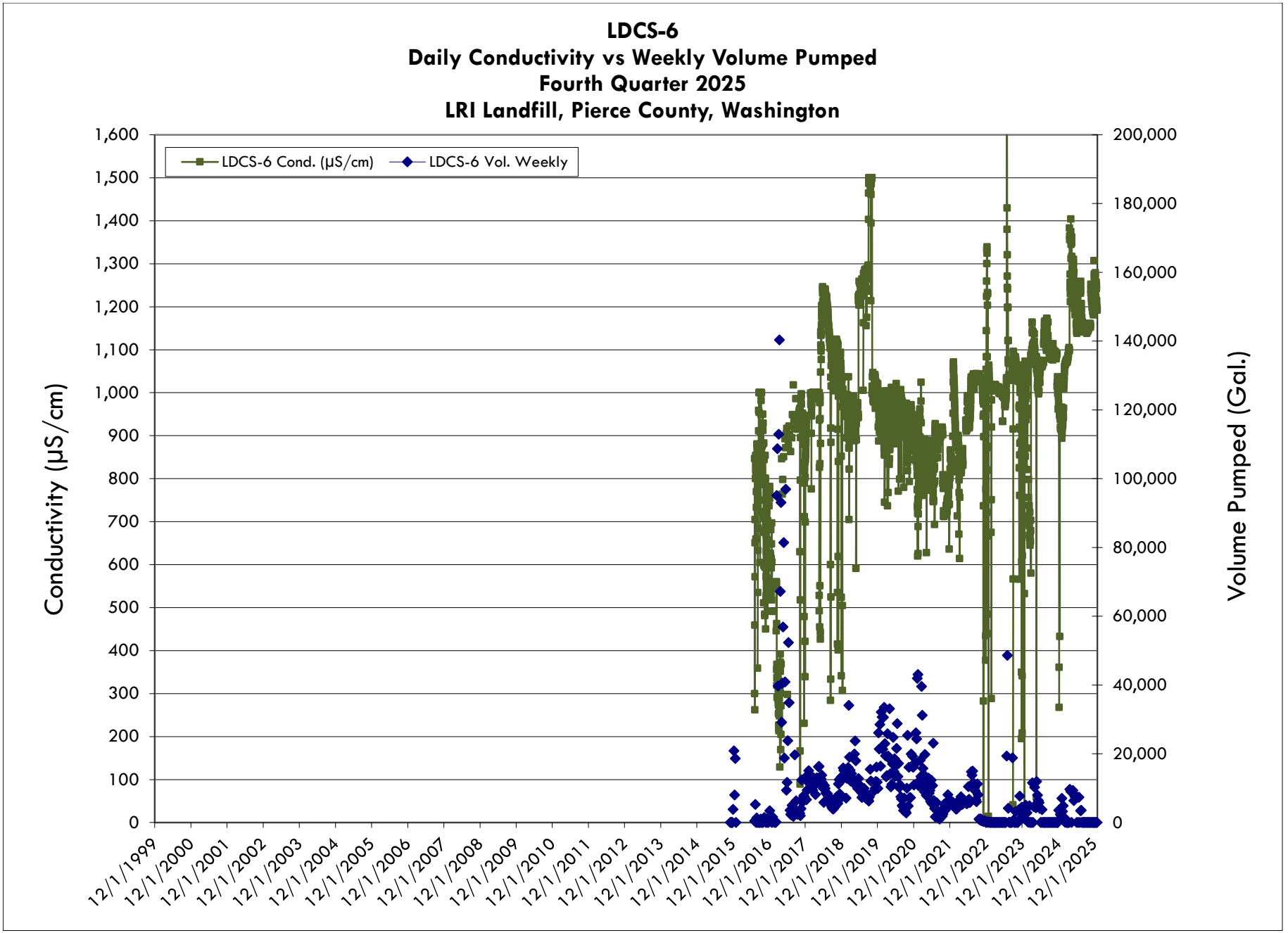


LDCS-4A
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

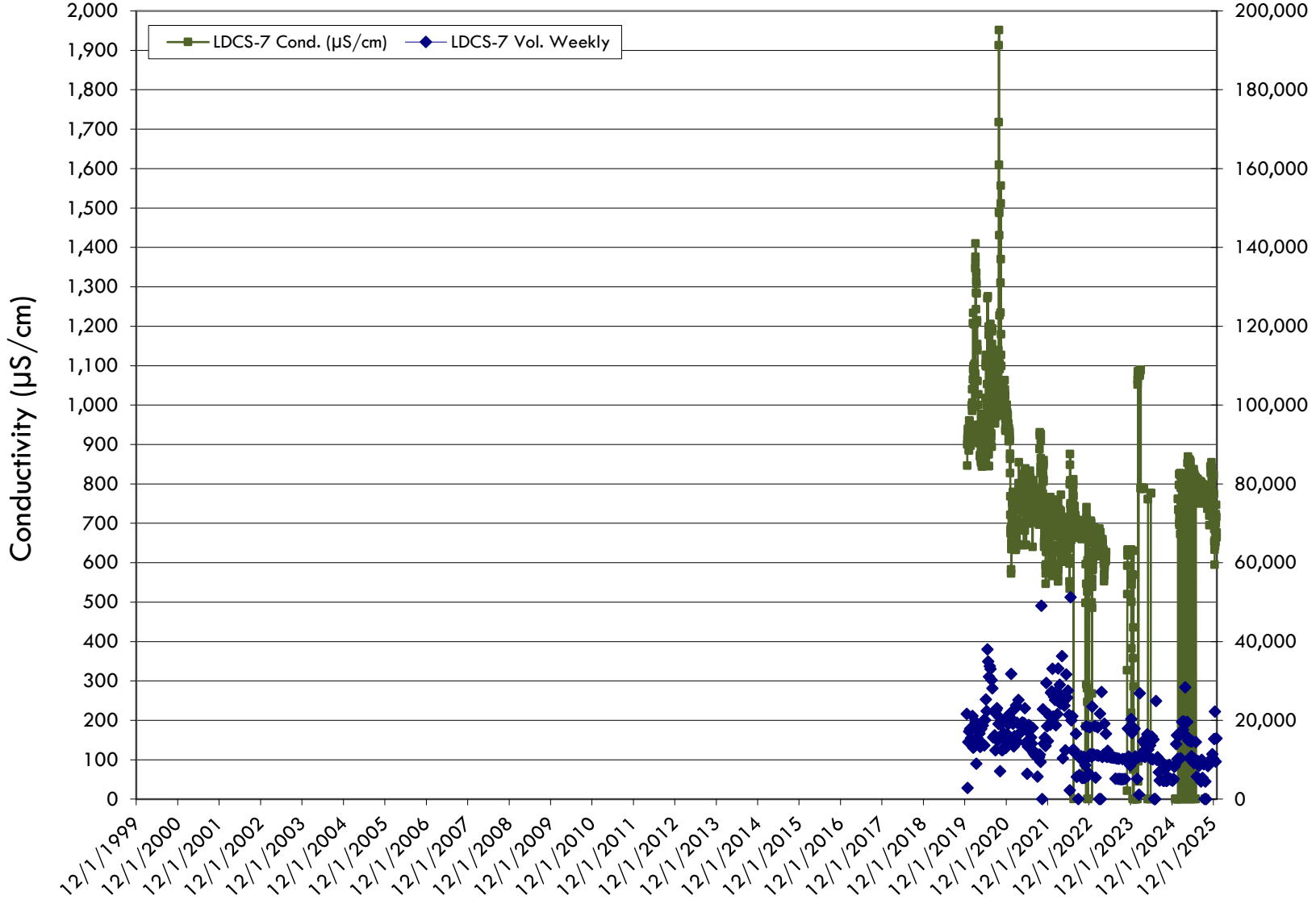


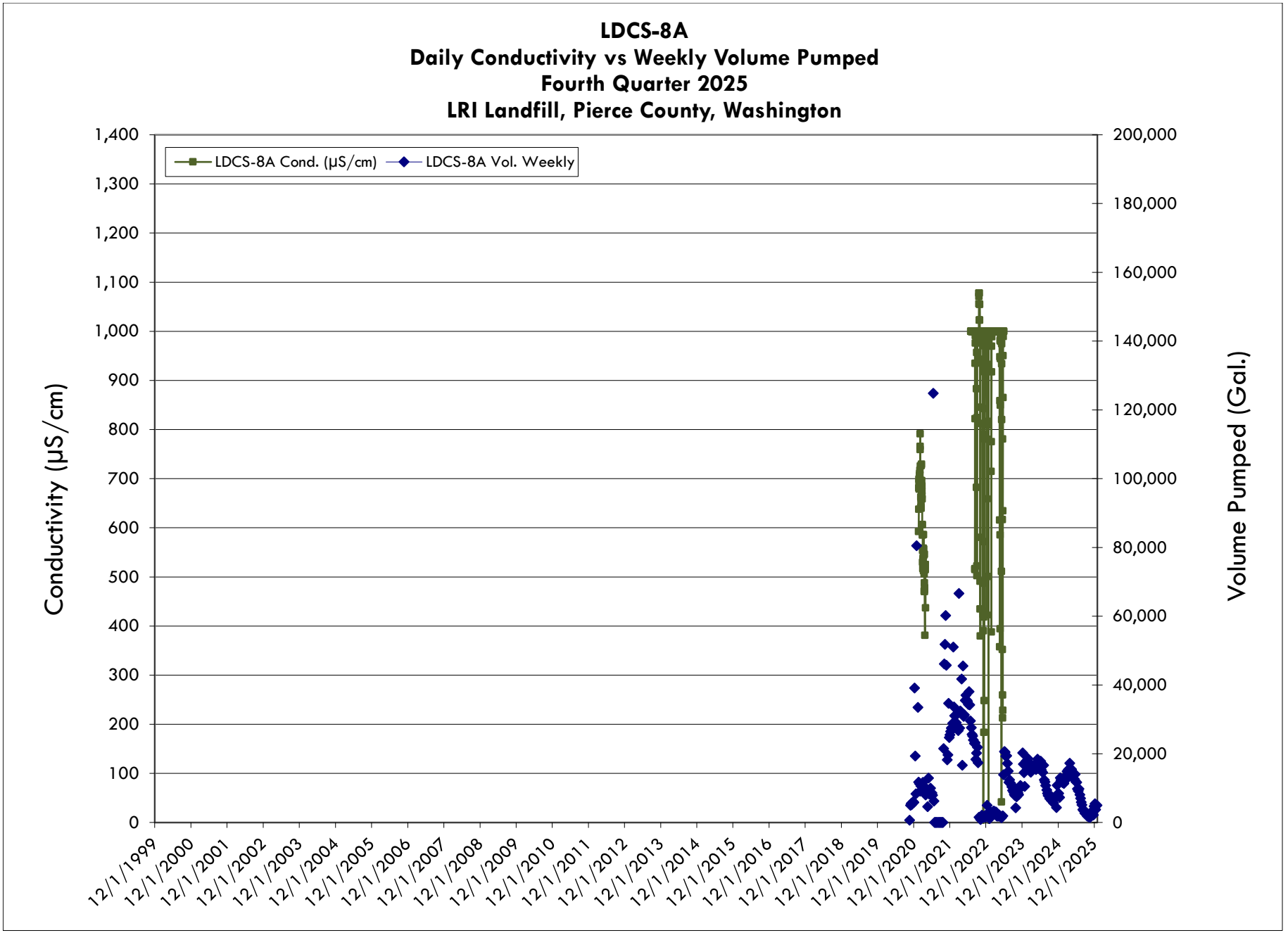

LDCS-4B
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-4B Cond. (µS/cm)
LDCS-4B Vol. Weekly
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,700
1,600
1,500
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
12/1/1999
12/1/2000
12/1/2001
12/1/2002
12/1/2003
12/1/2004
12/1/2005
12/1/2006
12/1/2007
12/1/2008
12/1/2009
12/1/2010
12/1/2011
12/1/2012
12/1/2013
12/1/2014
12/1/2015
12/1/2016
12/1/2017
12/1/2018
12/1/2019
12/1/2020
12/1/2021
12/1/2022
12/1/2023
12/1/2024
12/1/2025


LDCS-5
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-5 Cond. (µS/cm)
LDCS-5 Vol. Weekly
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,600
1,500
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
12/1/1999
12/1/2000
12/1/2001
12/1/2002
12/1/2003
12/1/2004
12/1/2005
12/1/2006
12/1/2007
12/1/2008
12/1/2009
12/1/2010
12/1/2011
12/1/2012
12/1/2013
12/1/2014
12/1/2015
12/1/2016
12/1/2017
12/1/2018
12/1/2019
12/1/2020
12/1/2021
12/1/2022
12/1/2023
12/1/2024
12/1/2025

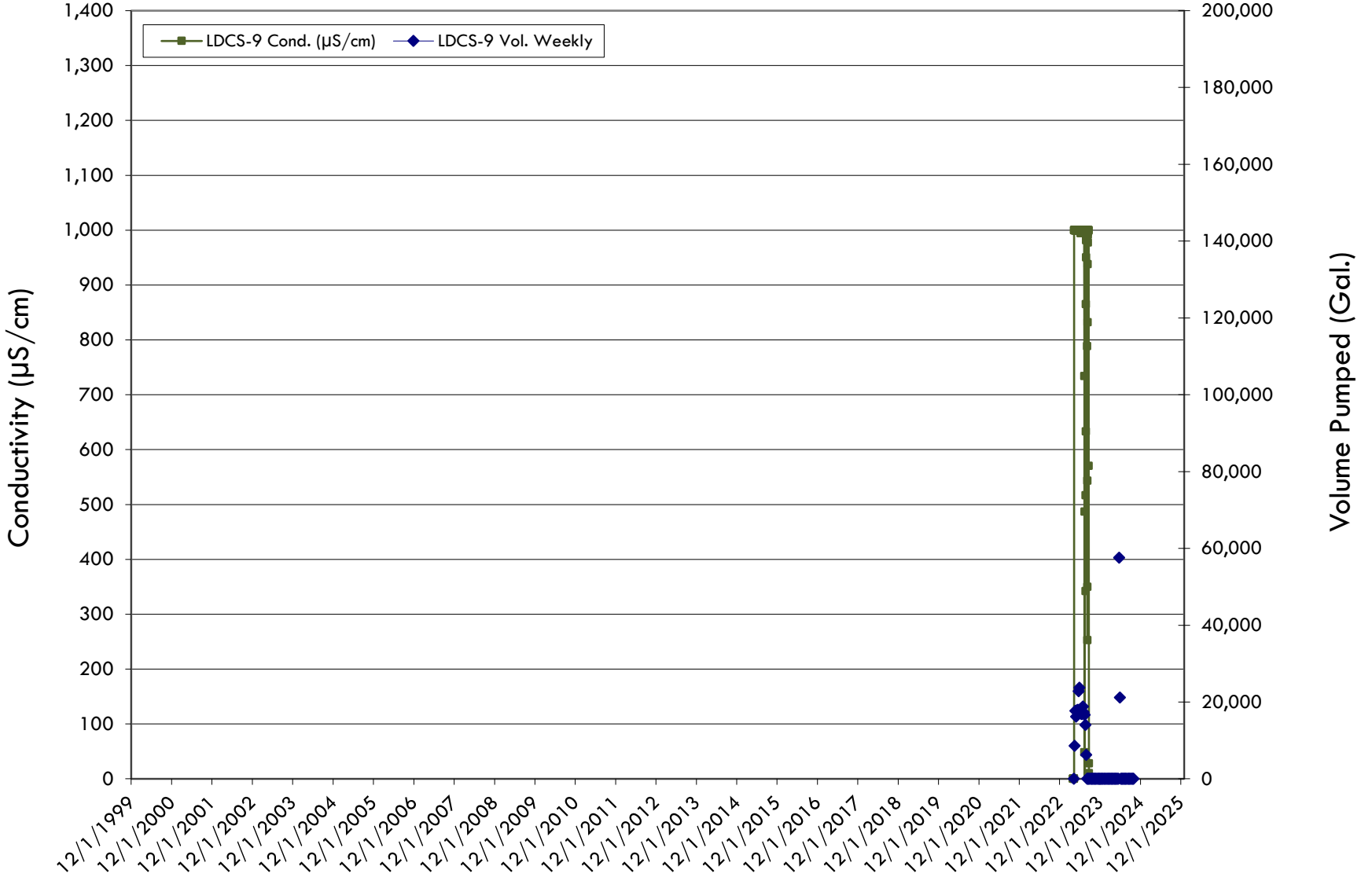

LDCS-6
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-6 Cond. (µS/cm)
LDCS-6 Vol. Weekly
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,600
1,500
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
12/1/1999
12/1/2000
12/1/2001
12/1/2002
12/1/2003
12/1/2004
12/1/2005
12/1/2006
12/1/2007
12/1/2008
12/1/2009
12/1/2010
12/1/2011
12/1/2012
12/1/2013
12/1/2014
12/1/2015
12/1/2016
12/1/2017
12/1/2018
12/1/2019
12/1/2020
12/1/2021
12/1/2022
12/1/2023
12/1/2024
12/1/2025

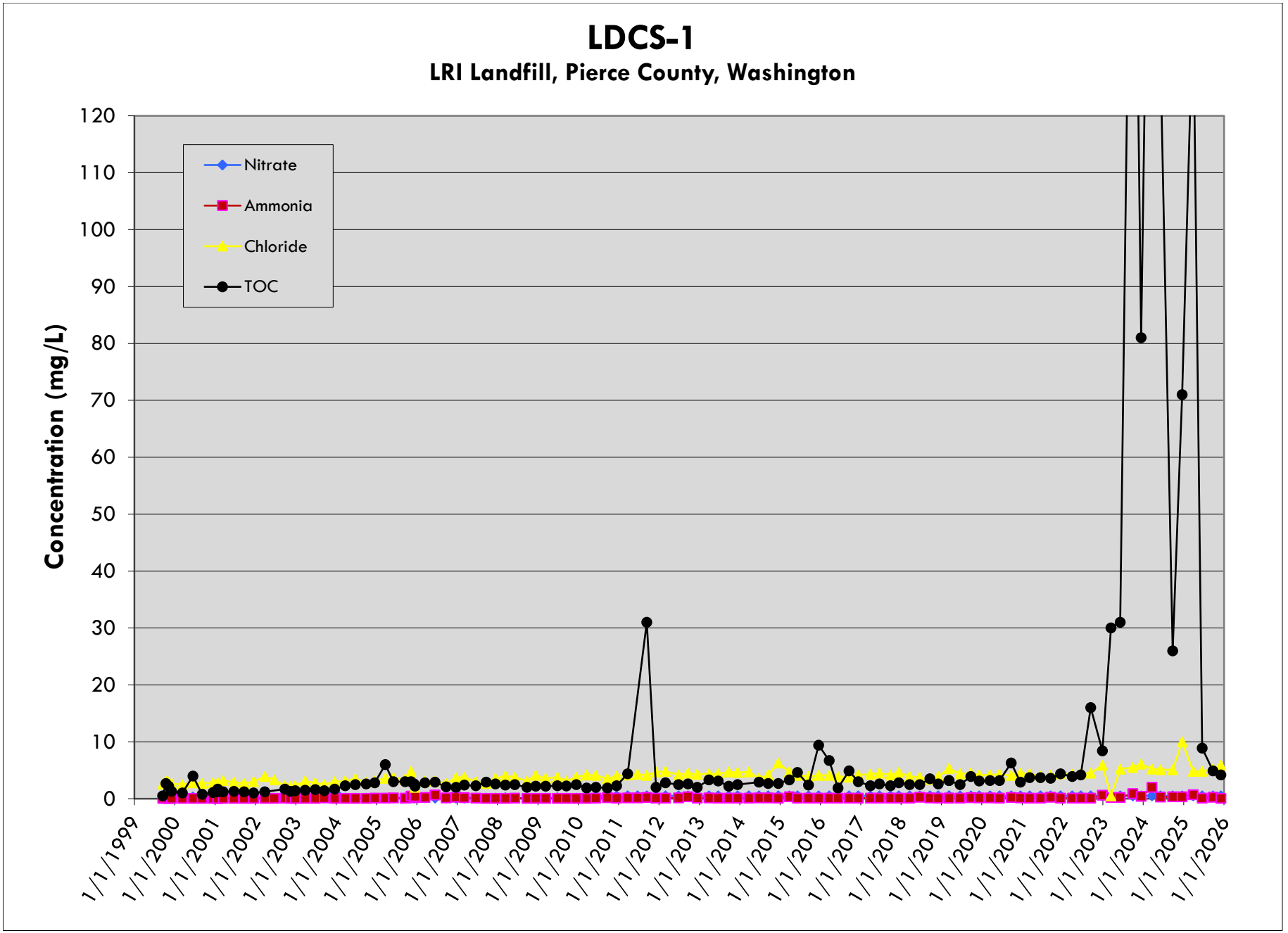
LDCS-7
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington



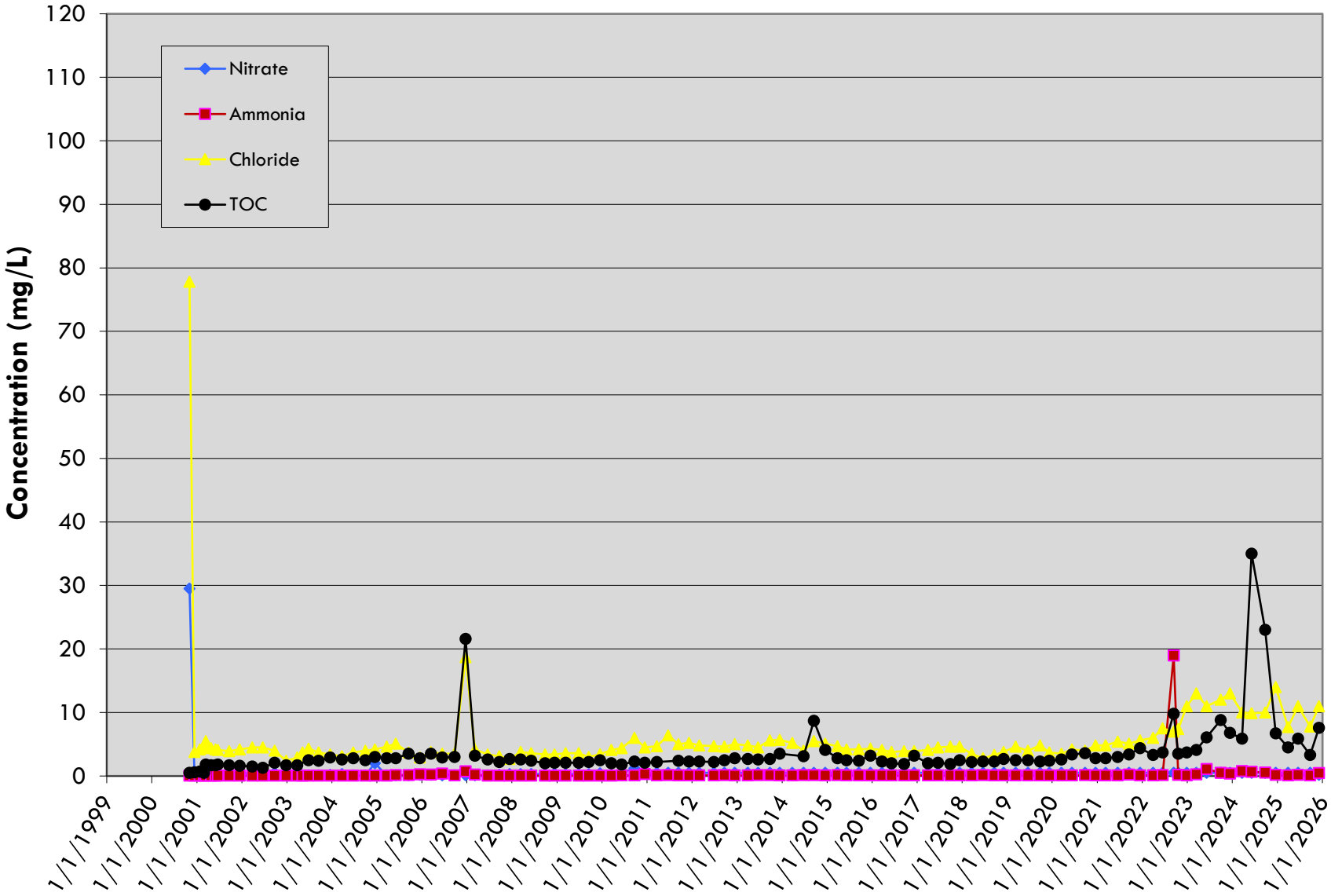

LDCS-8A
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington
LDCS-8A Cond. (µS/cm)
LDCS-8A Vol. Weekly
Conductivity (µS/cm)
Volume Pumped (Gal.)
1,400
1,300
1,200
1,100
1,000
900
800
700
600
500
400
300
200
100
0
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
12/1/1999
12/1/2000
12/1/2001
12/1/2002
12/1/2003
12/1/2004
12/1/2005
12/1/2006
12/1/2007
12/1/2008
12/1/2009
12/1/2010
12/1/2011
12/1/2012
12/1/2013
12/1/2014
12/1/2015
12/1/2016
12/1/2017
12/1/2018
12/1/2019
12/1/2020
12/1/2021
12/1/2022
12/1/2023
12/1/2024
12/1/2025

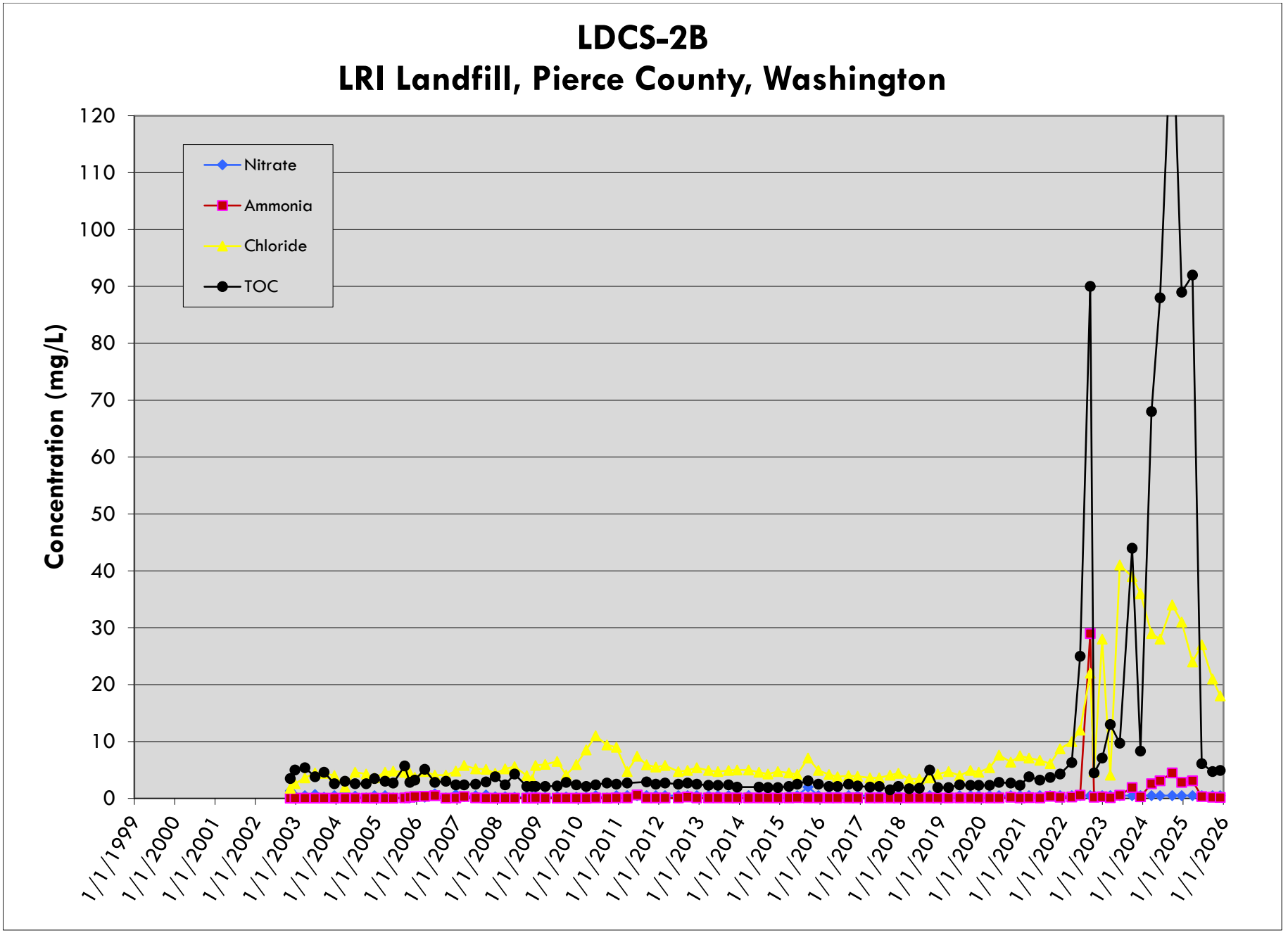
LDCS-9
Daily Conductivity vs Weekly Volume Pumped
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington



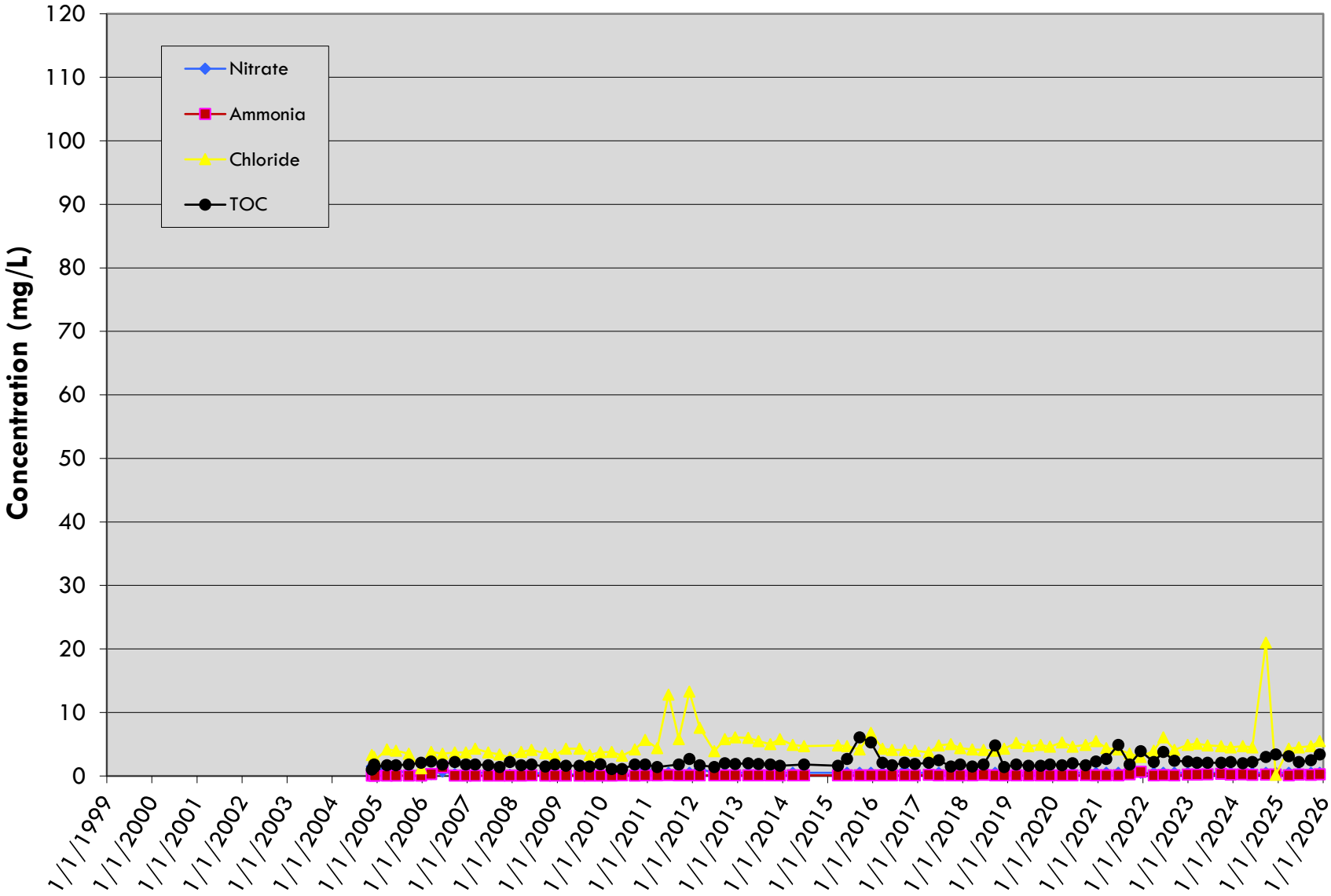

LDCS-1
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Nitrate
Ammonia
Chloride
TOC
120
110
100
90
80
70
60
50
40
30
20
10
0
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

LDCS-2A
LRI Landfill, Pierce County, Washington

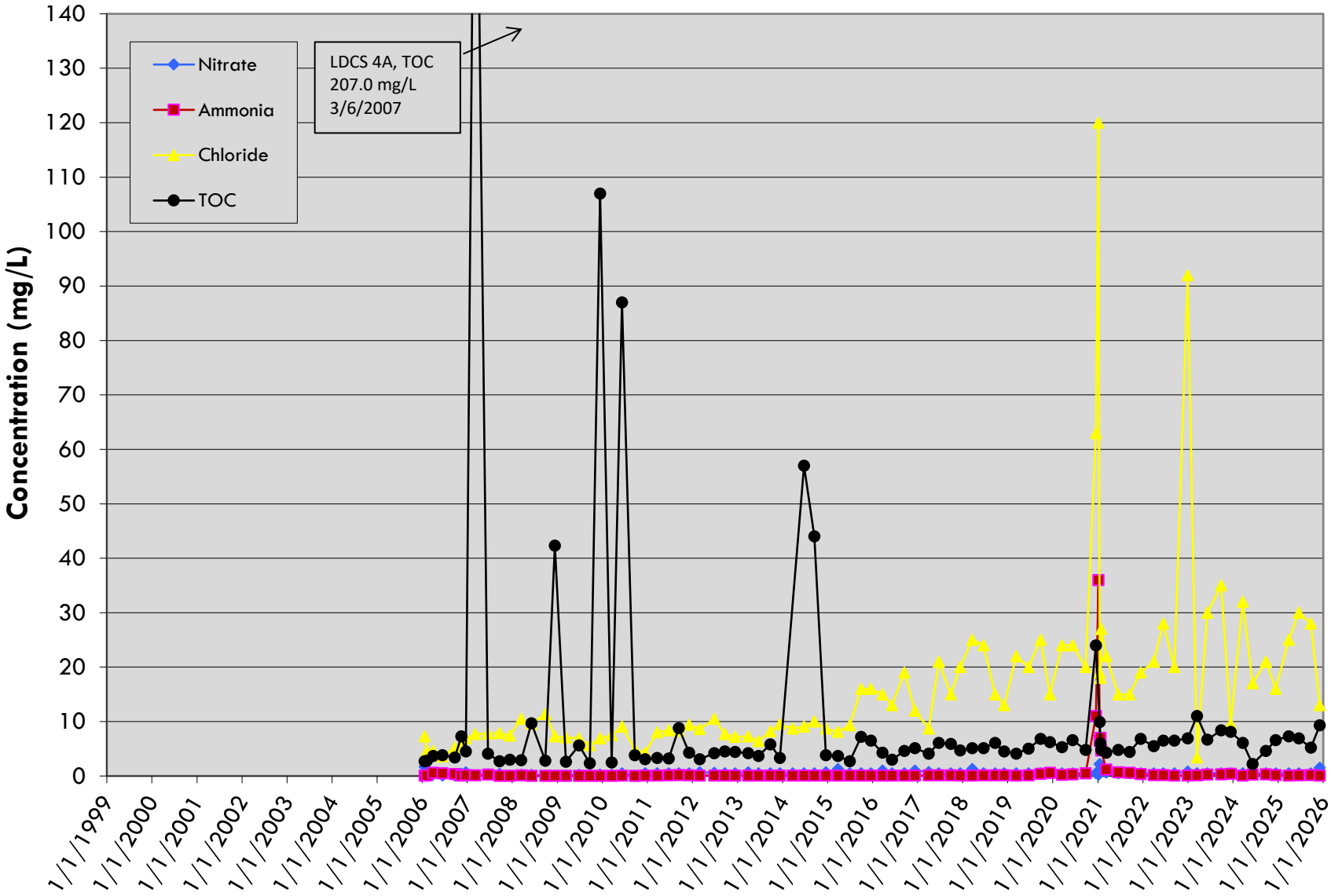



LDCS-2B
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Nitrate
Ammonia
Chloride
TOC
120
110
100
90
80
70
60
50
40
30
20
10
0
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

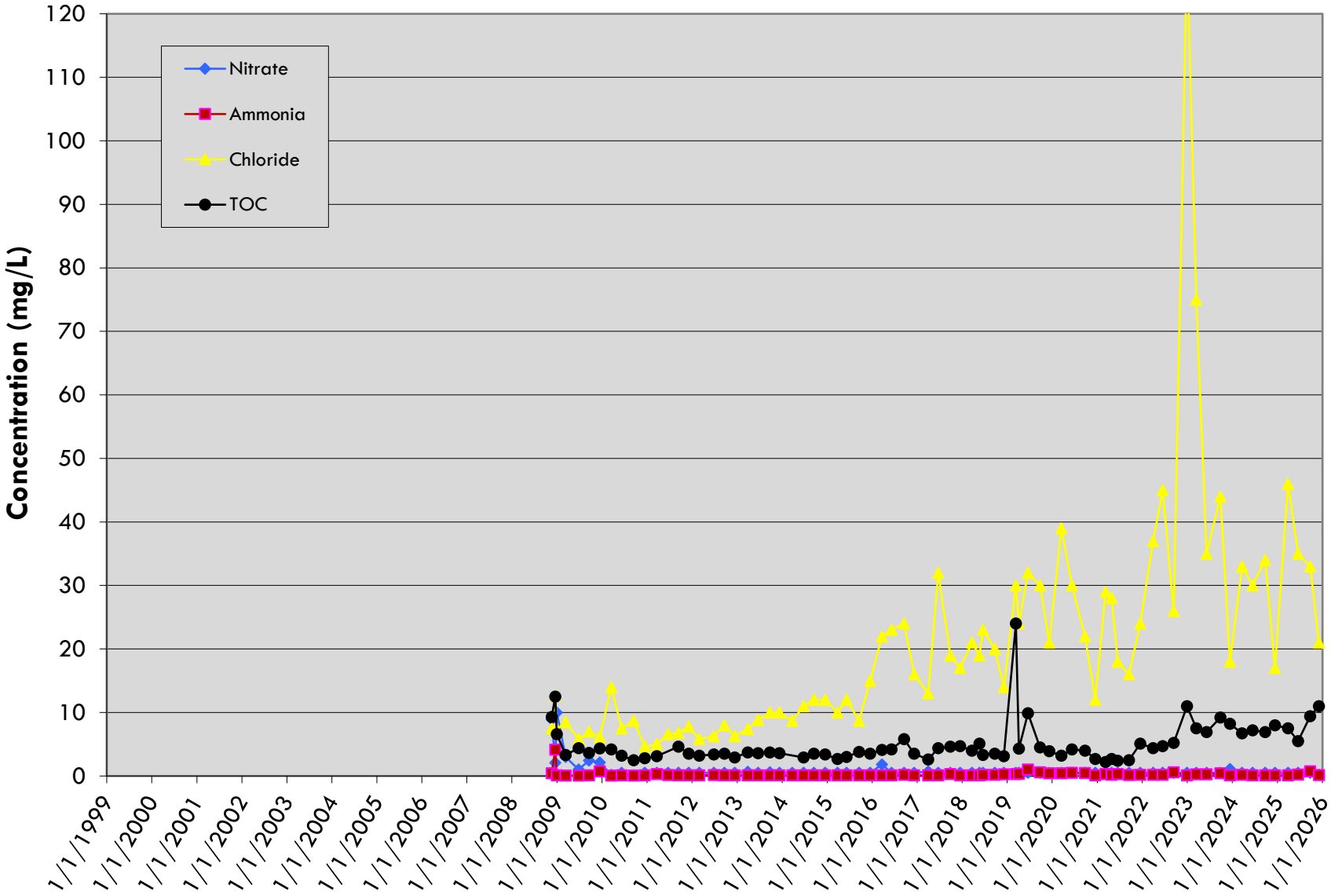
LDCS-3A
LRI Landfill, Pierce County, Washington

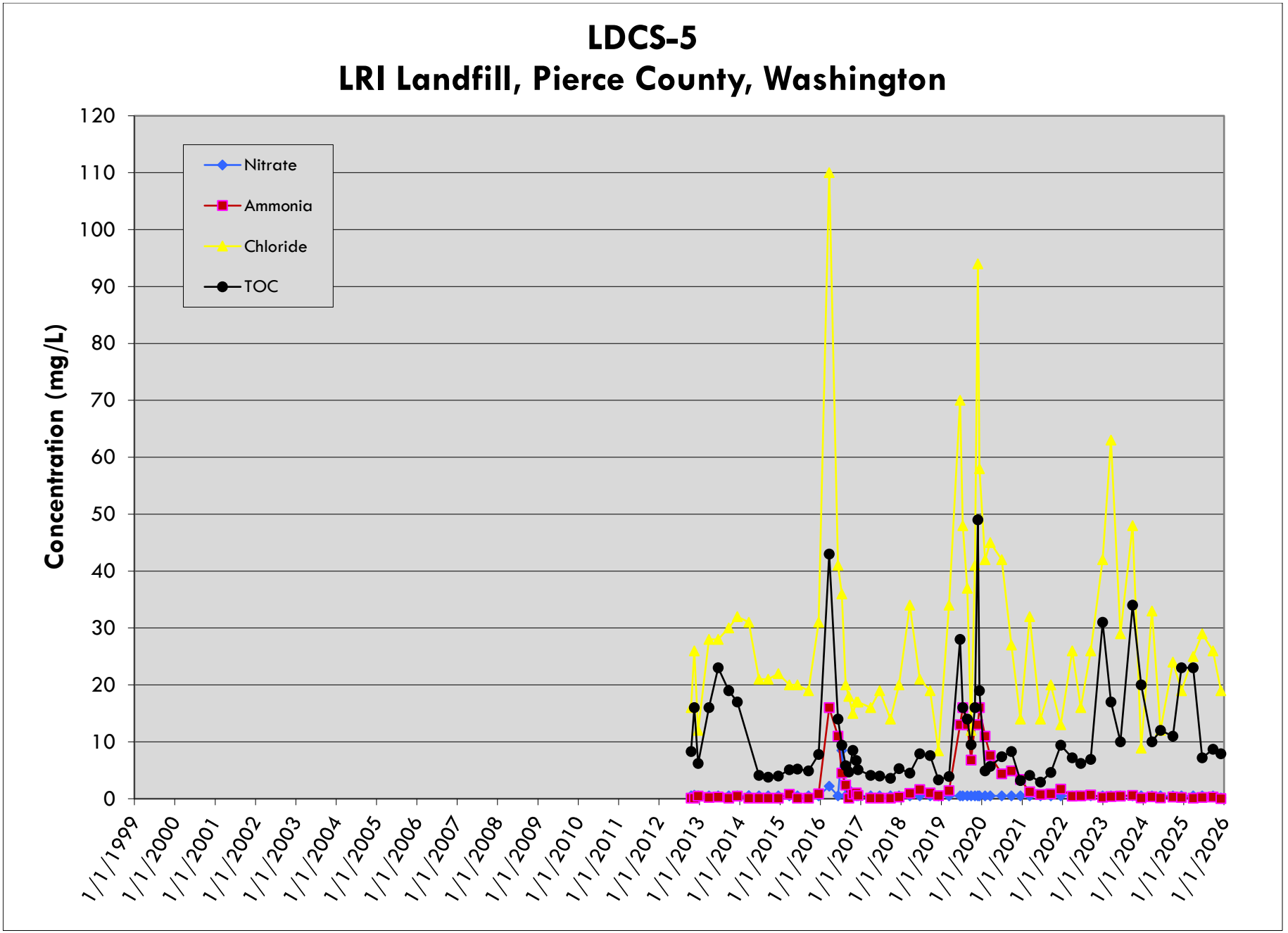


LDCS-4A
LRI Landfill, Pierce County, Washington

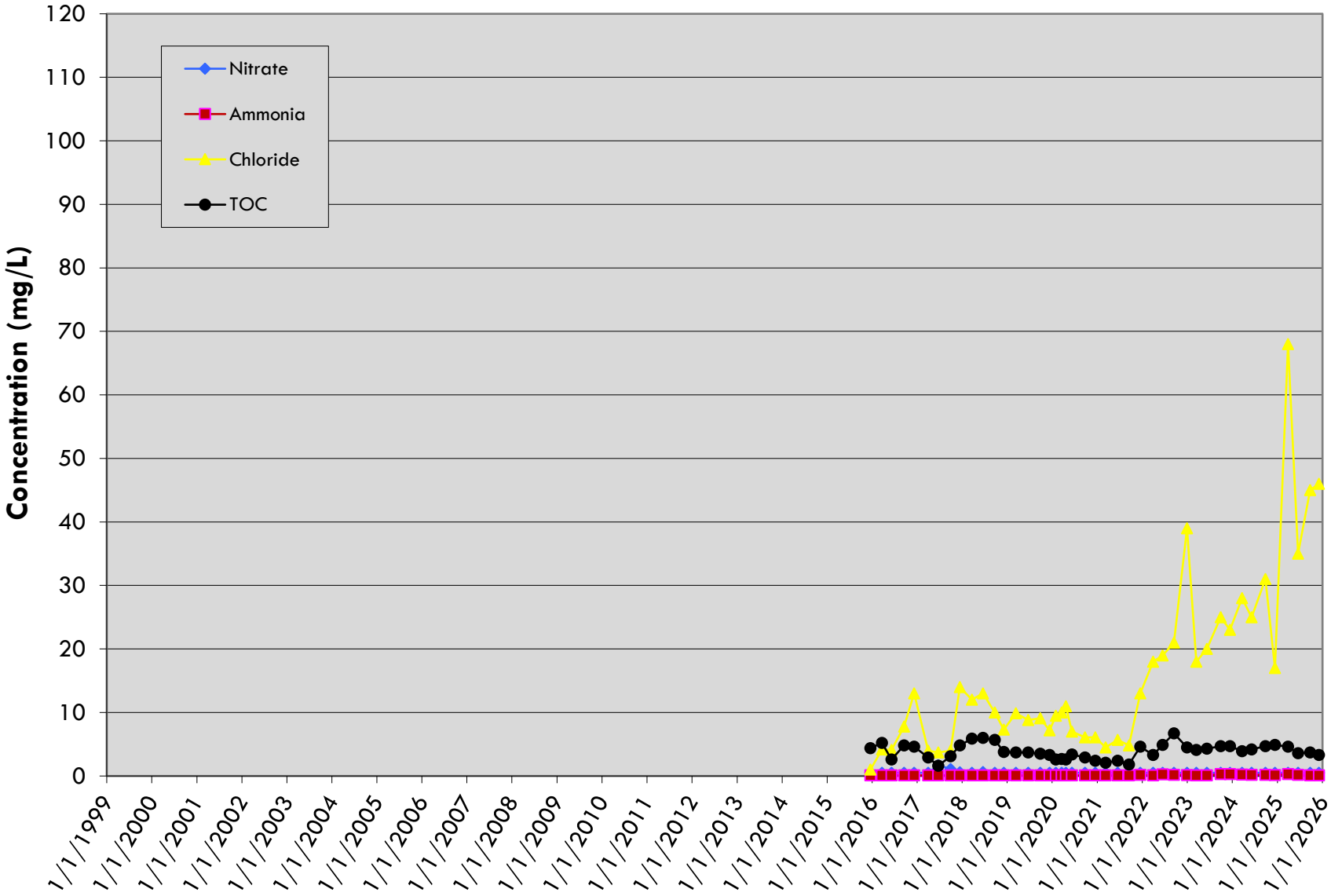


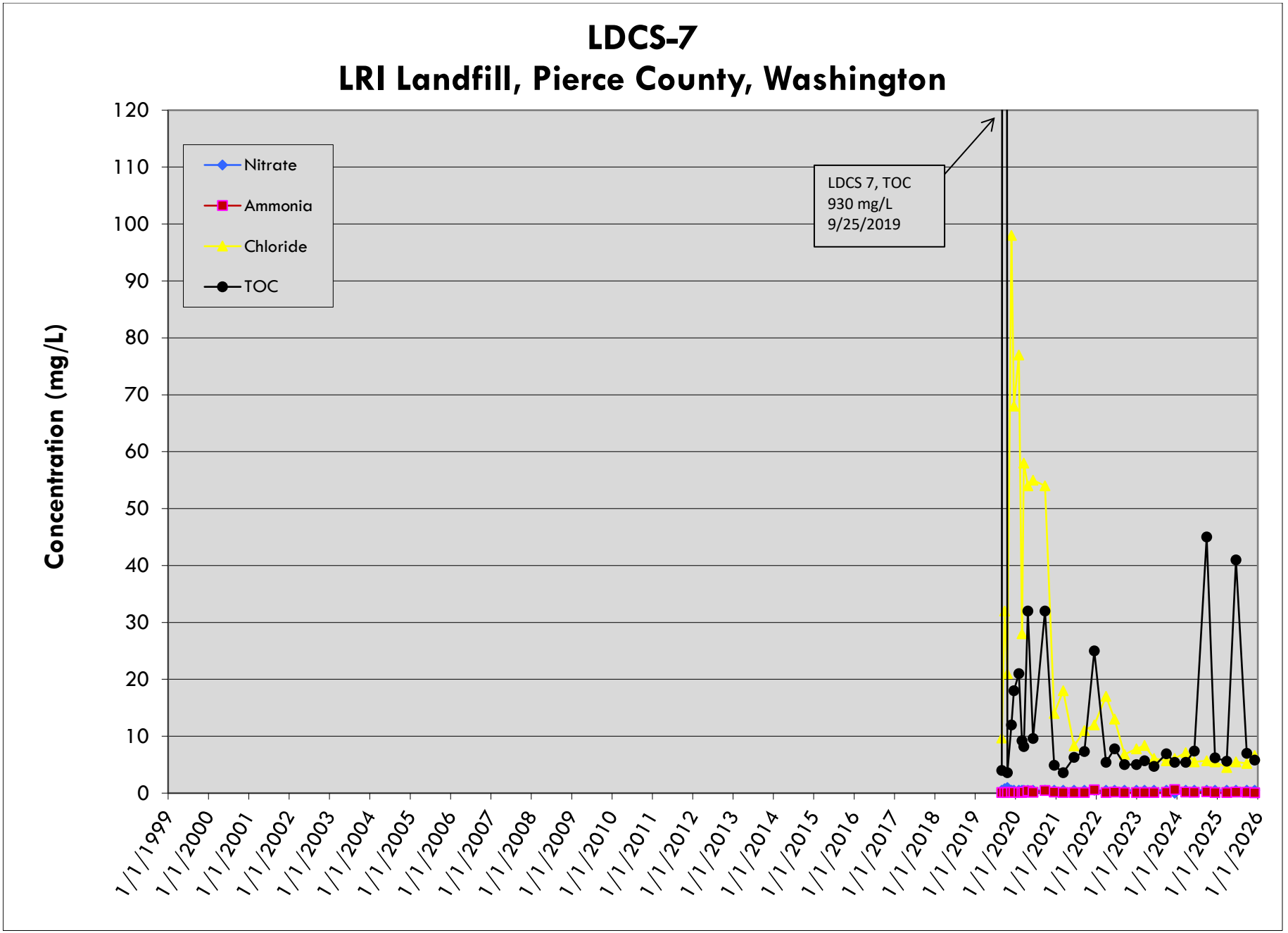
LDCS-4B
LRI Landfill, Pierce County, Washington



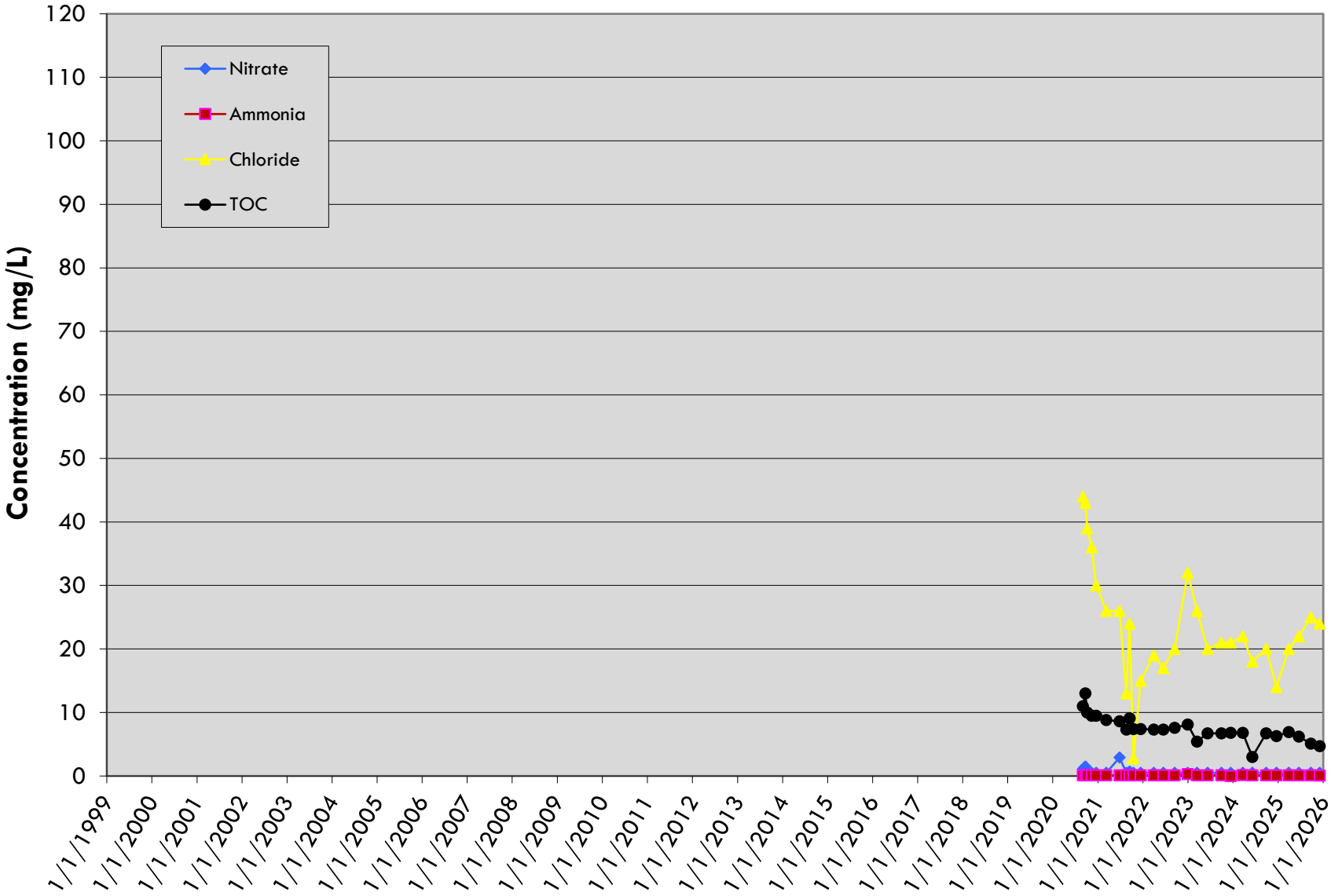

LDCS-5
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
120
110
100
90
80
70
60
50
40
30
20
10
0
Nitrate
Ammonia
Chloride
TOC
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

LDCS-6A
LRI Landfill, Pierce County, Washington

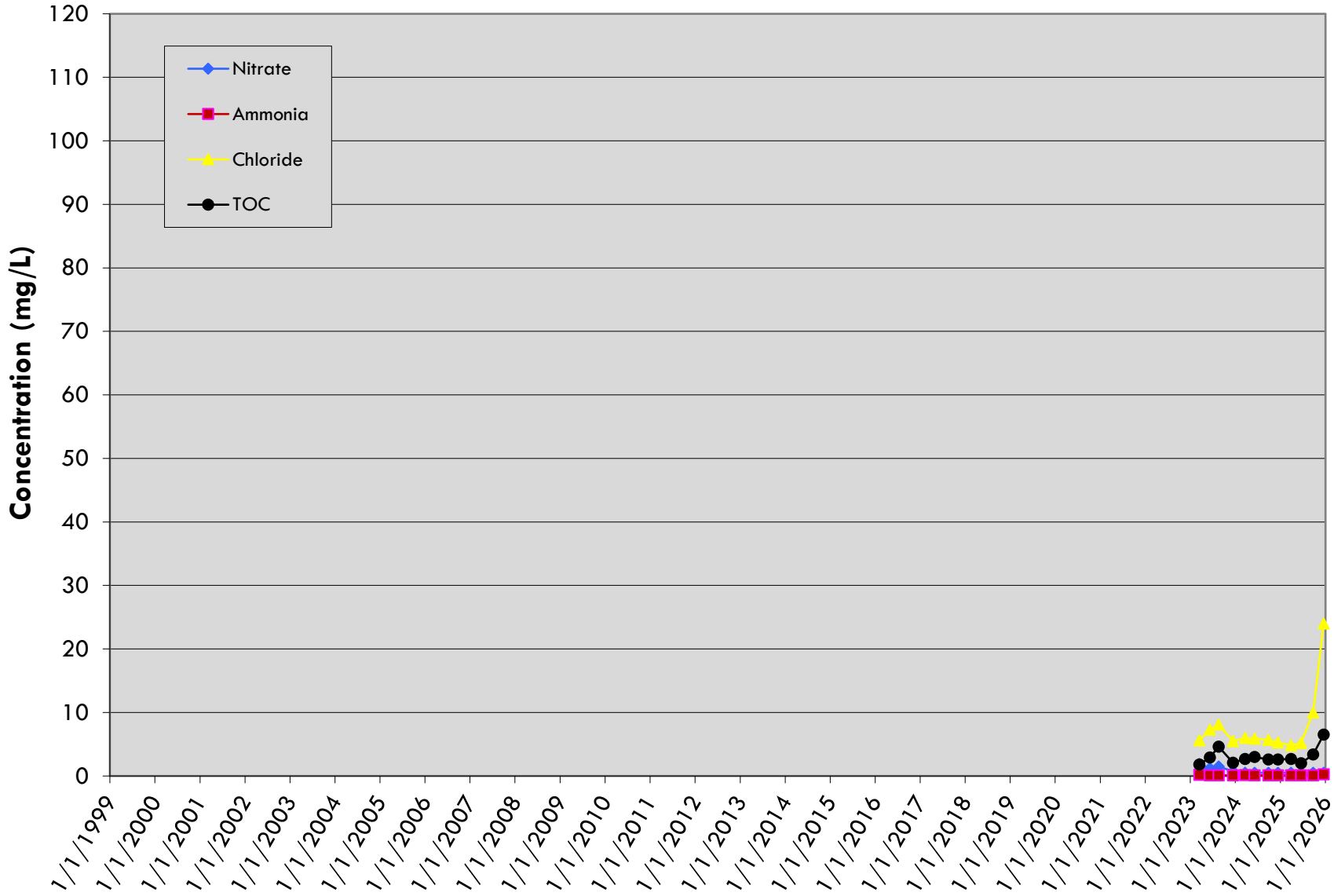



LDCS-7
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
120
110
100
90
80
70
60
50
40
30
20
10
0
Nitrate
Ammonia
Chloride
TOC
LDCS 7, TOC
930 mg/L
9/25/2019
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

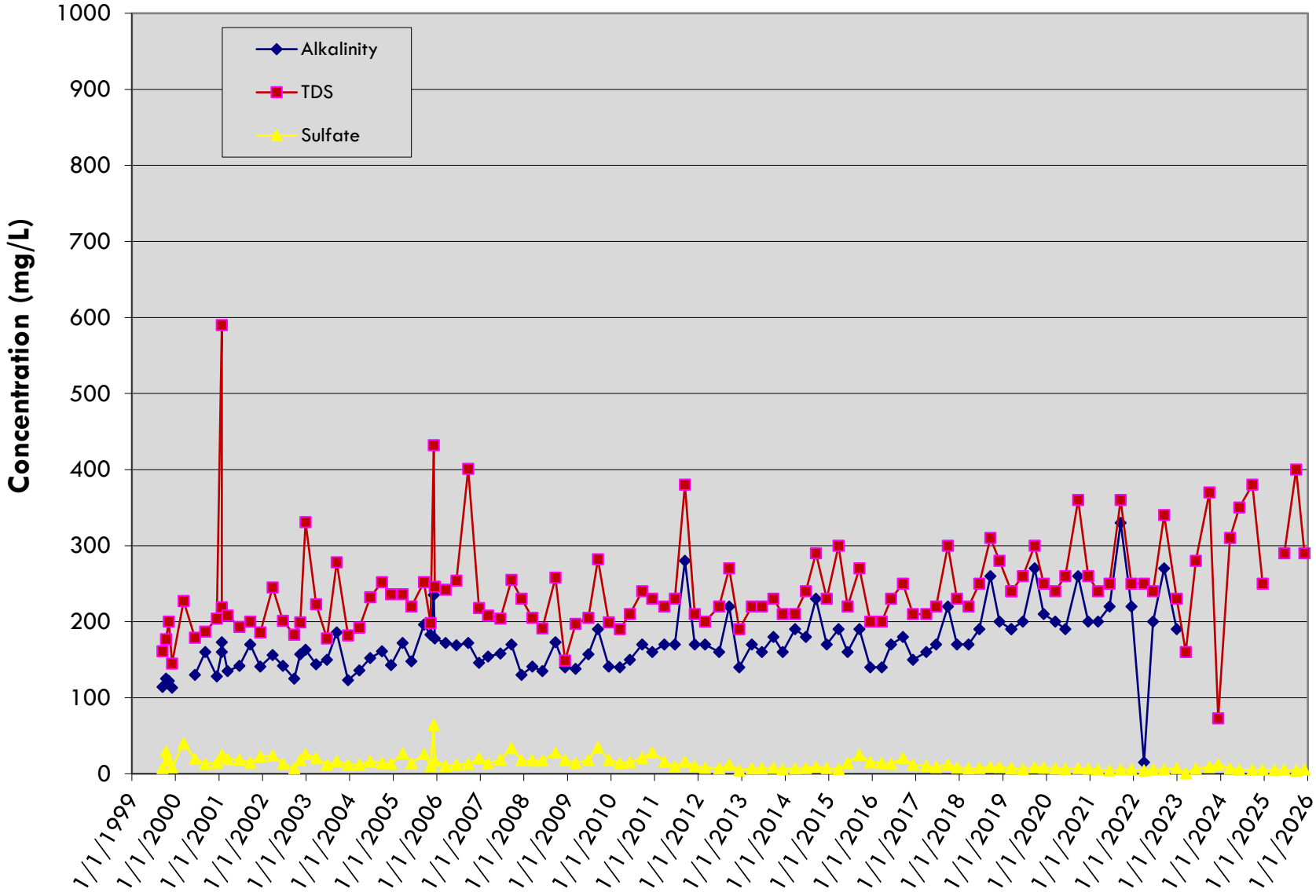
LDCS-8
LRI Landfill, Pierce County, Washington



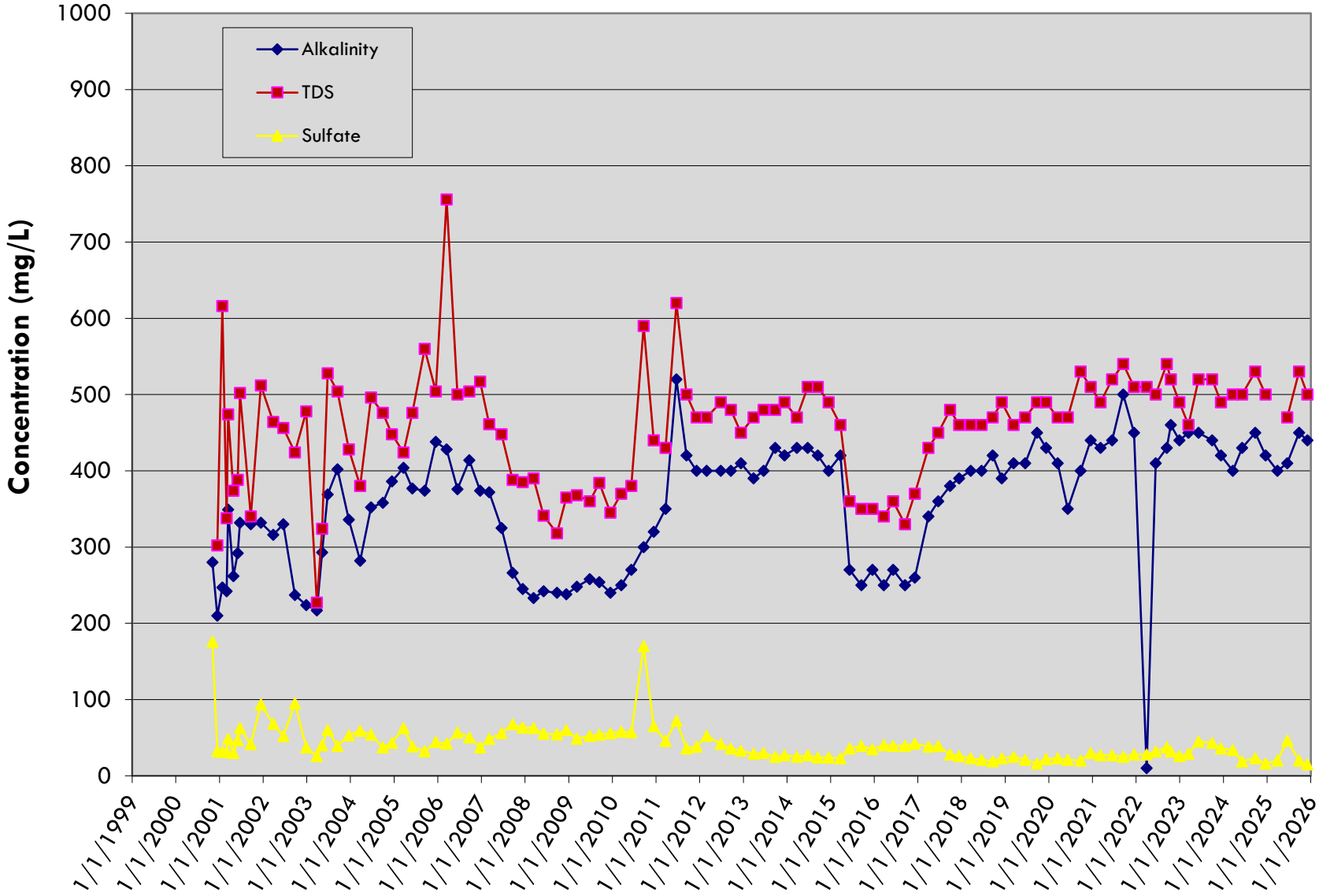
LDCS-9
LRI Landfill, Pierce County, Washington



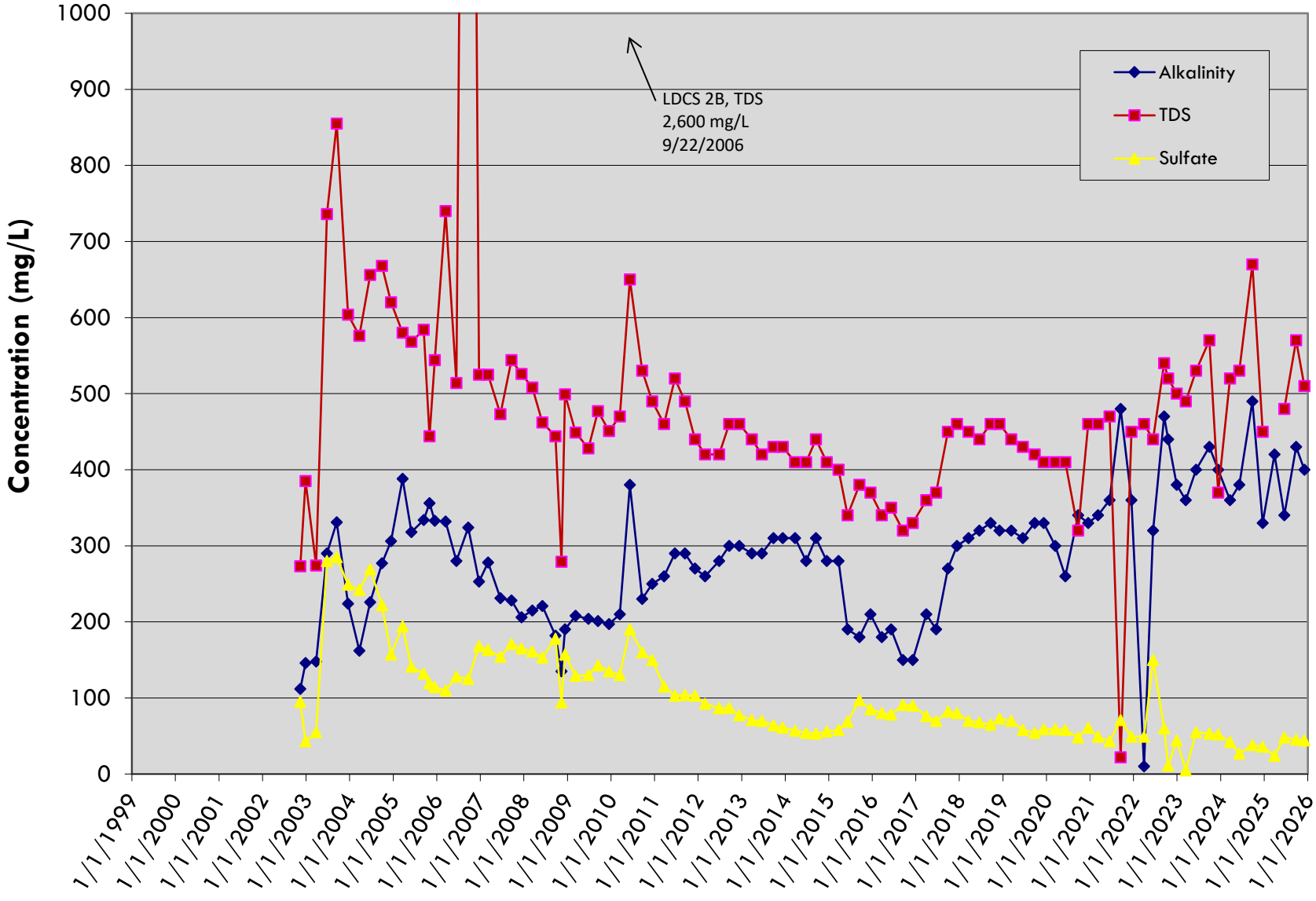
LDCS-1
LRI Landfill, Pierce County, Washington

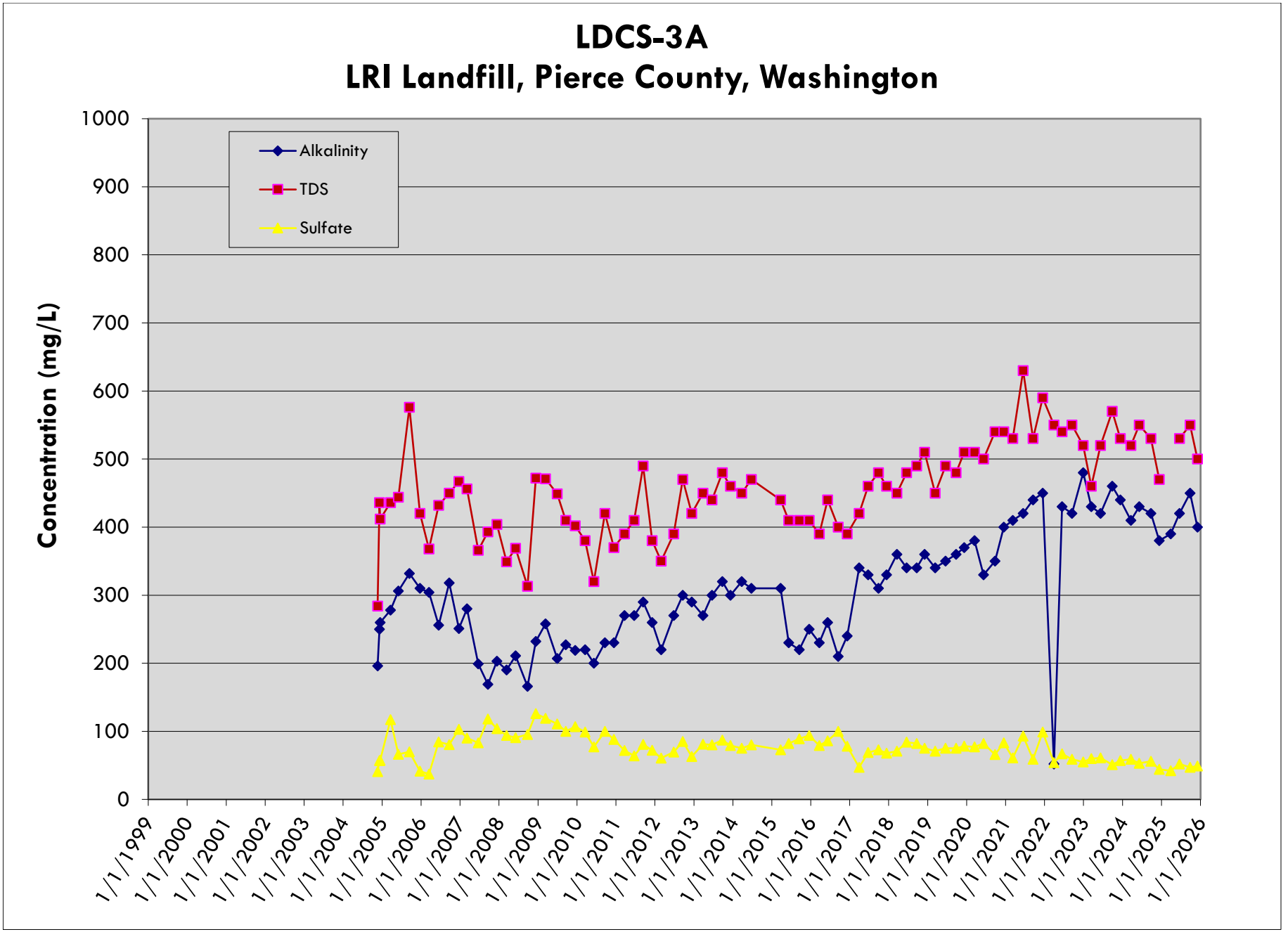


LDCS-2A
LRI Landfill, Pierce County, Washington

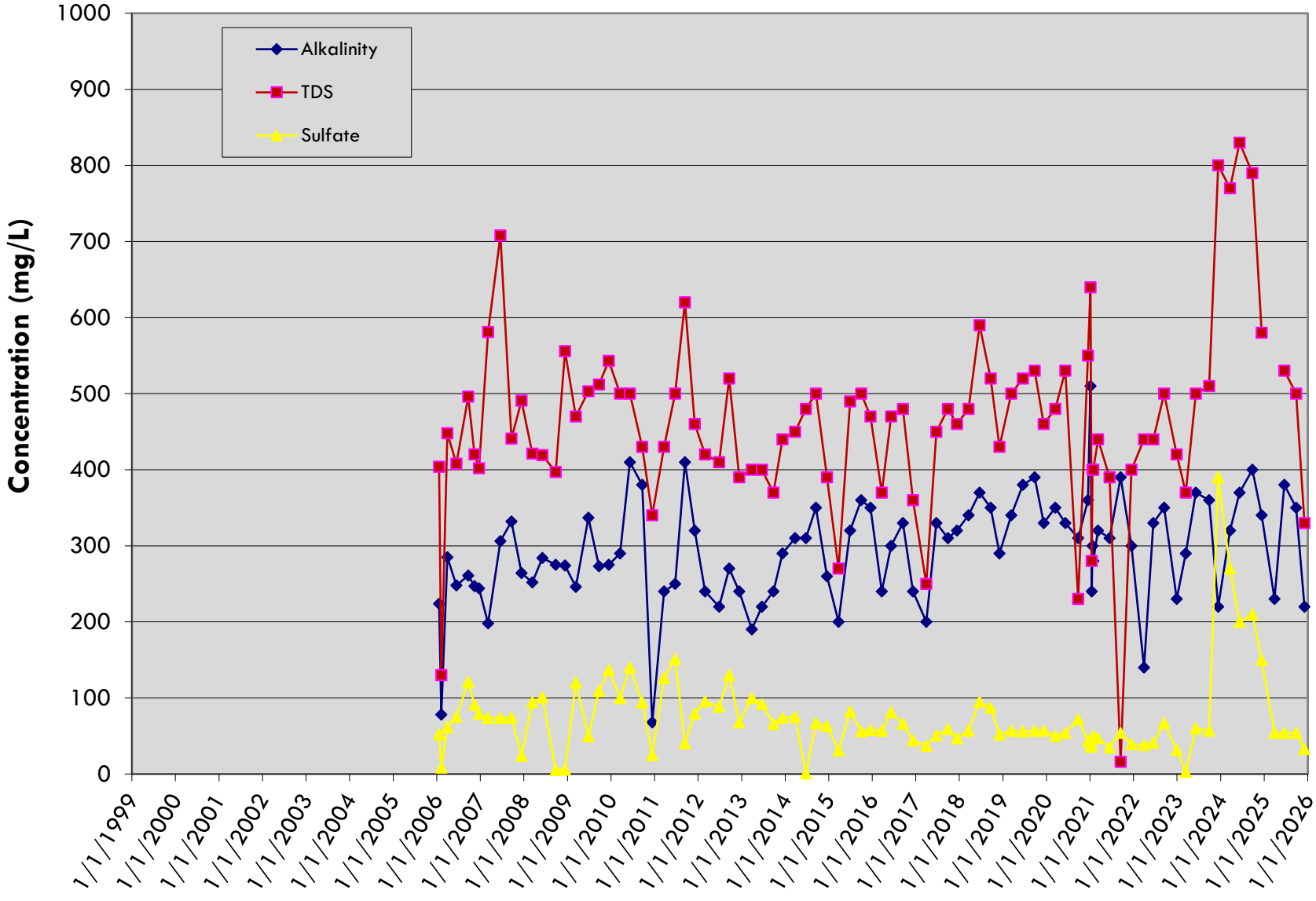


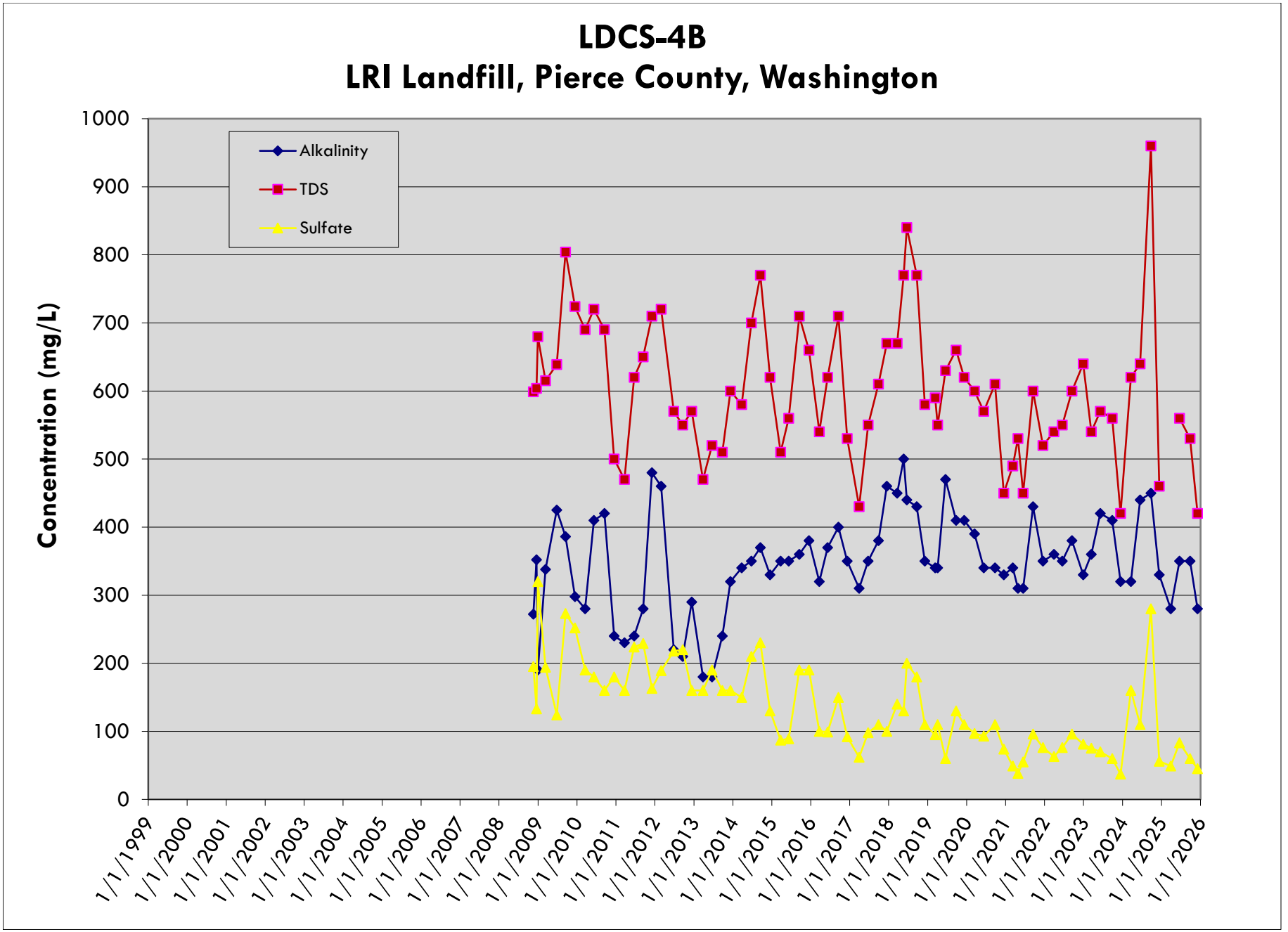
LDCS-2B
LRI Landfill, Pierce County, Washington

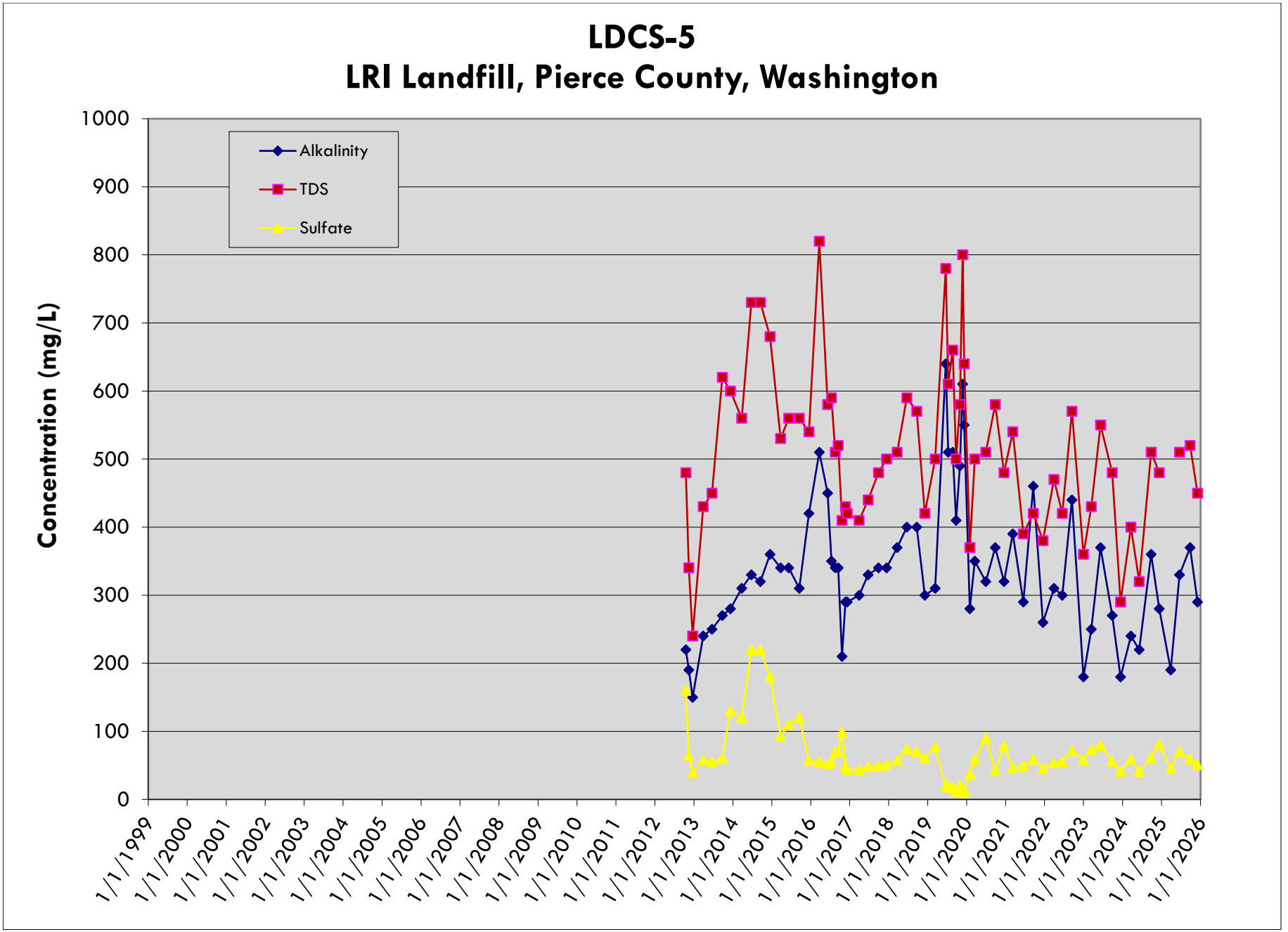



LDCS-3A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Alkalinity
TDS
Sulfate
0
100
200
300
400
500
600
700
800
900
1000
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

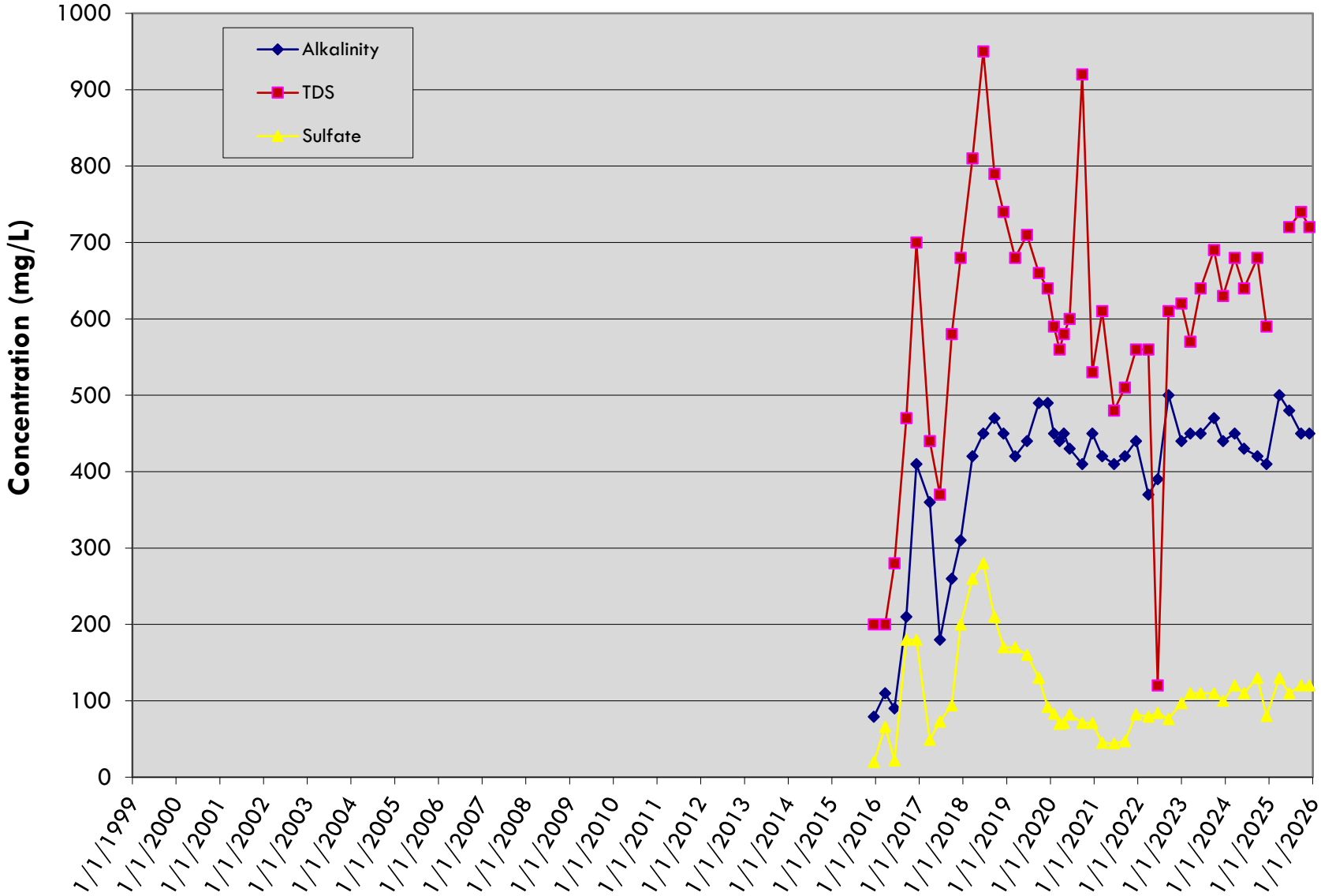
LDCS-4A
LRI Landfill, Pierce County, Washington



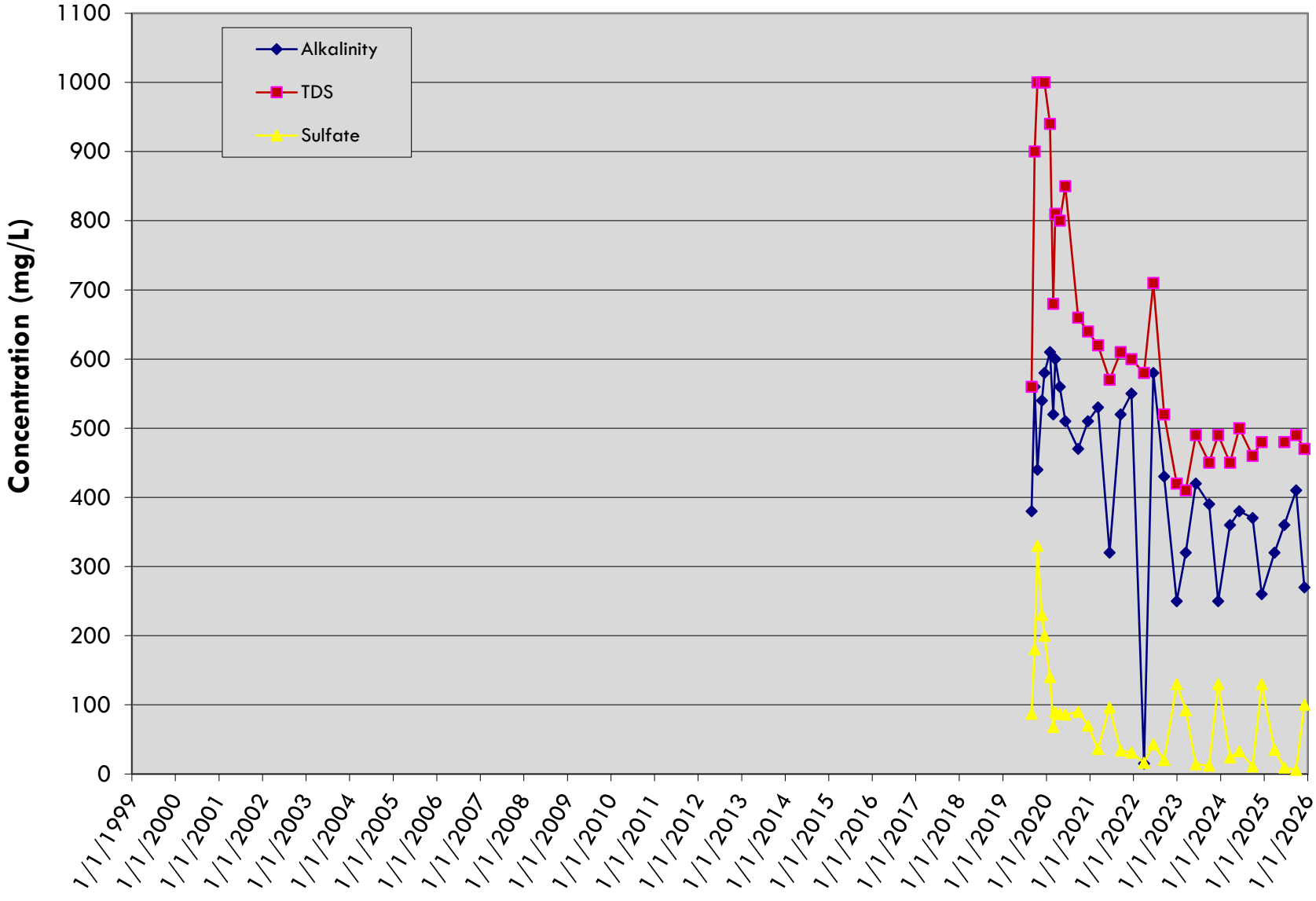

LDCS-4B
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Alkalinity
TDS
Sulfate
0
100
200
300
400
500
600
700
800
900
1000
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


LDCS-5
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Alkalinity
TDS
Sulfate
1000
900
800
700
600
500
400
300
200
100
0
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

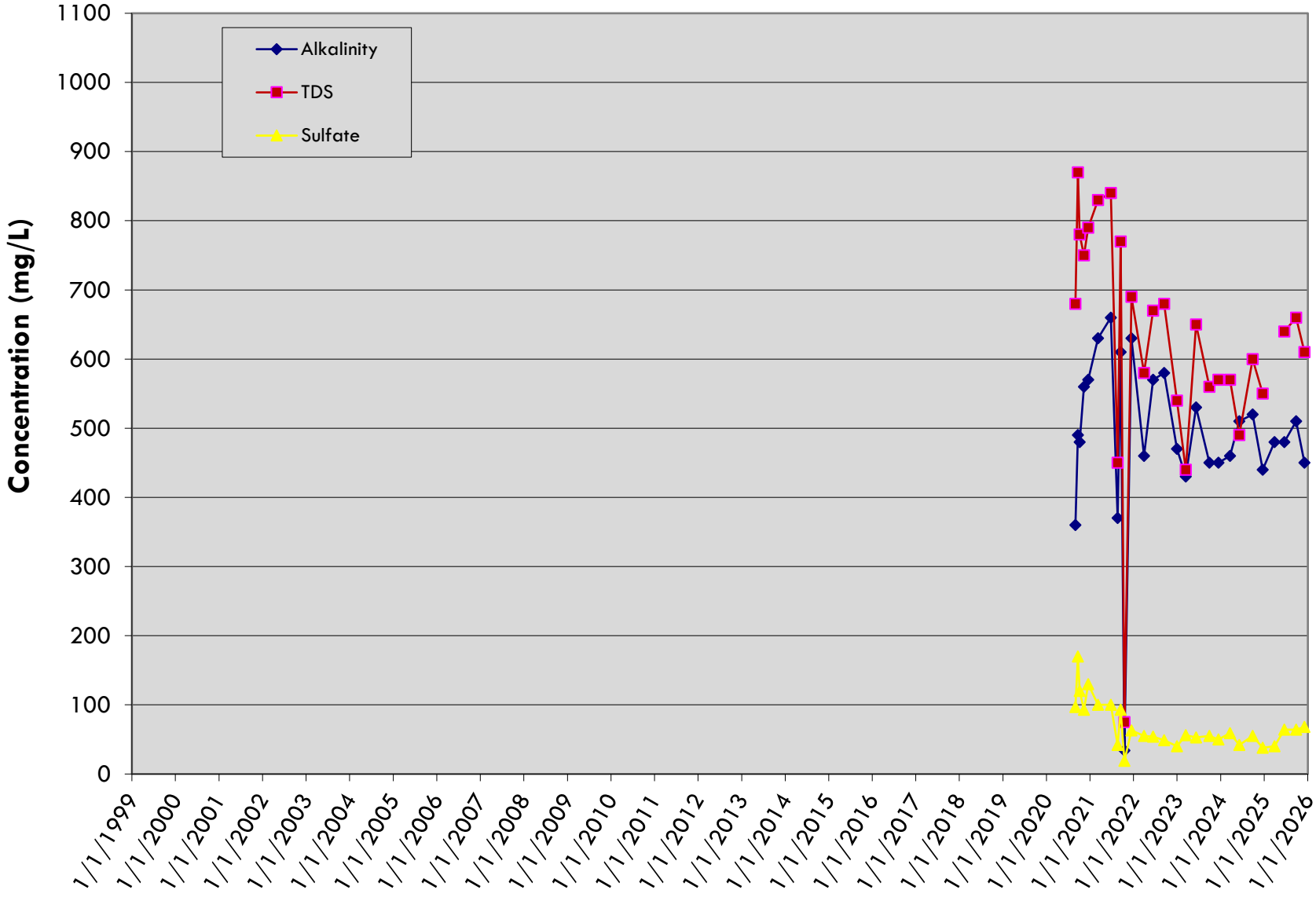
LDCS-6A
LRI Landfill, Pierce County, Washington



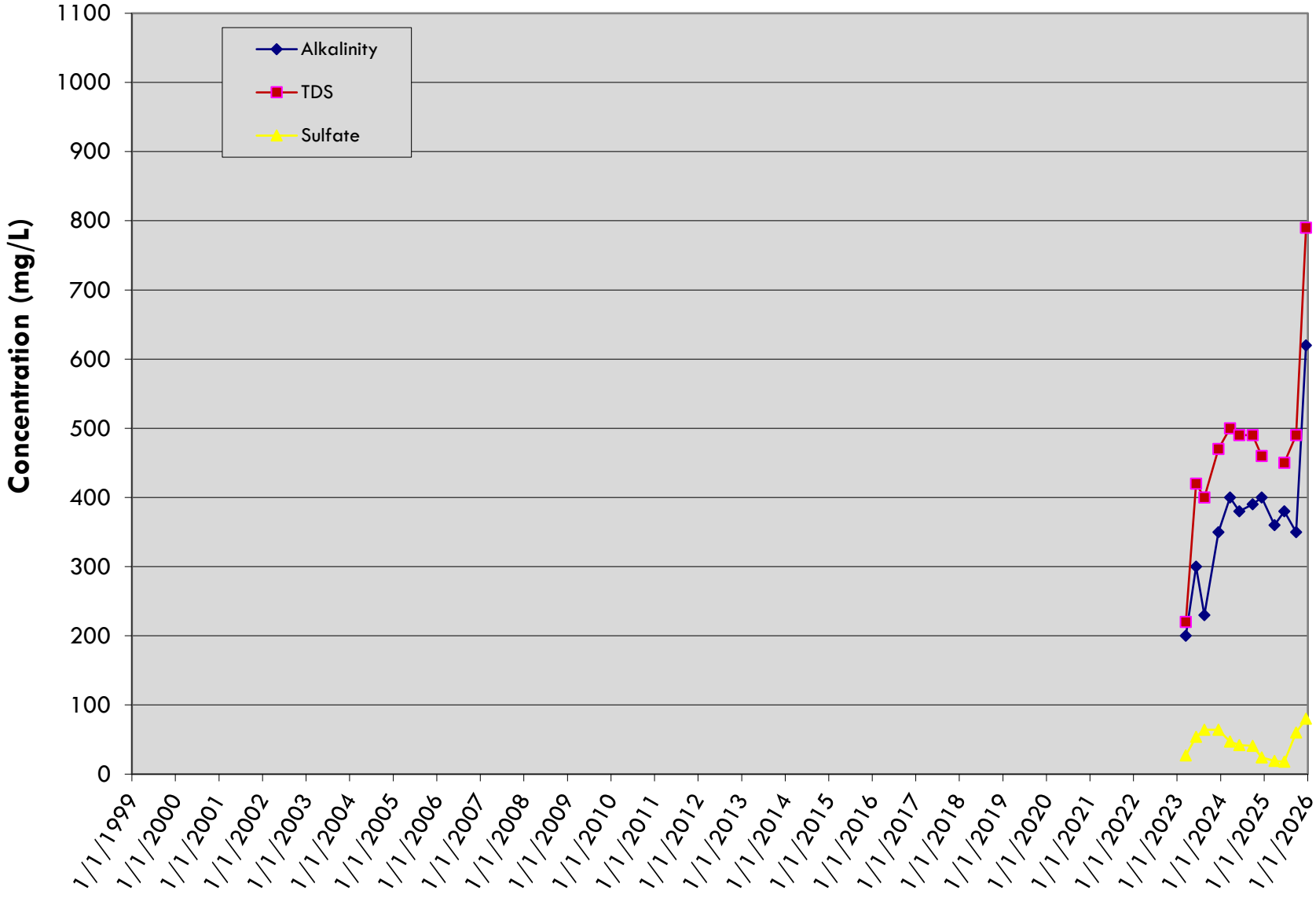
LDCS-7
LRI Landfill, Pierce County, Washington



LDCS-8
LRI Landfill, Pierce County, Washington

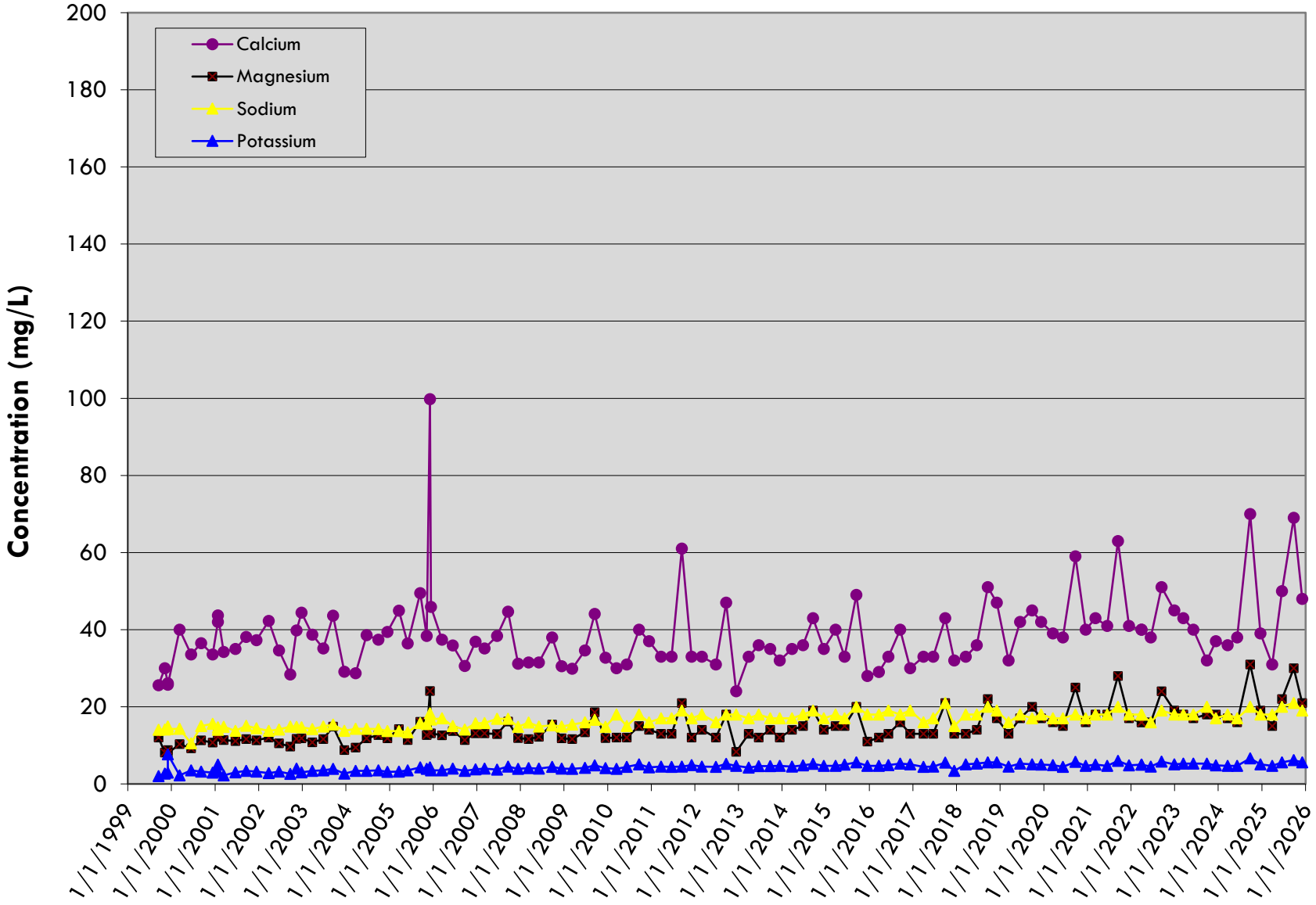


LDCS-9
LRI Landfill, Pierce County, Washington

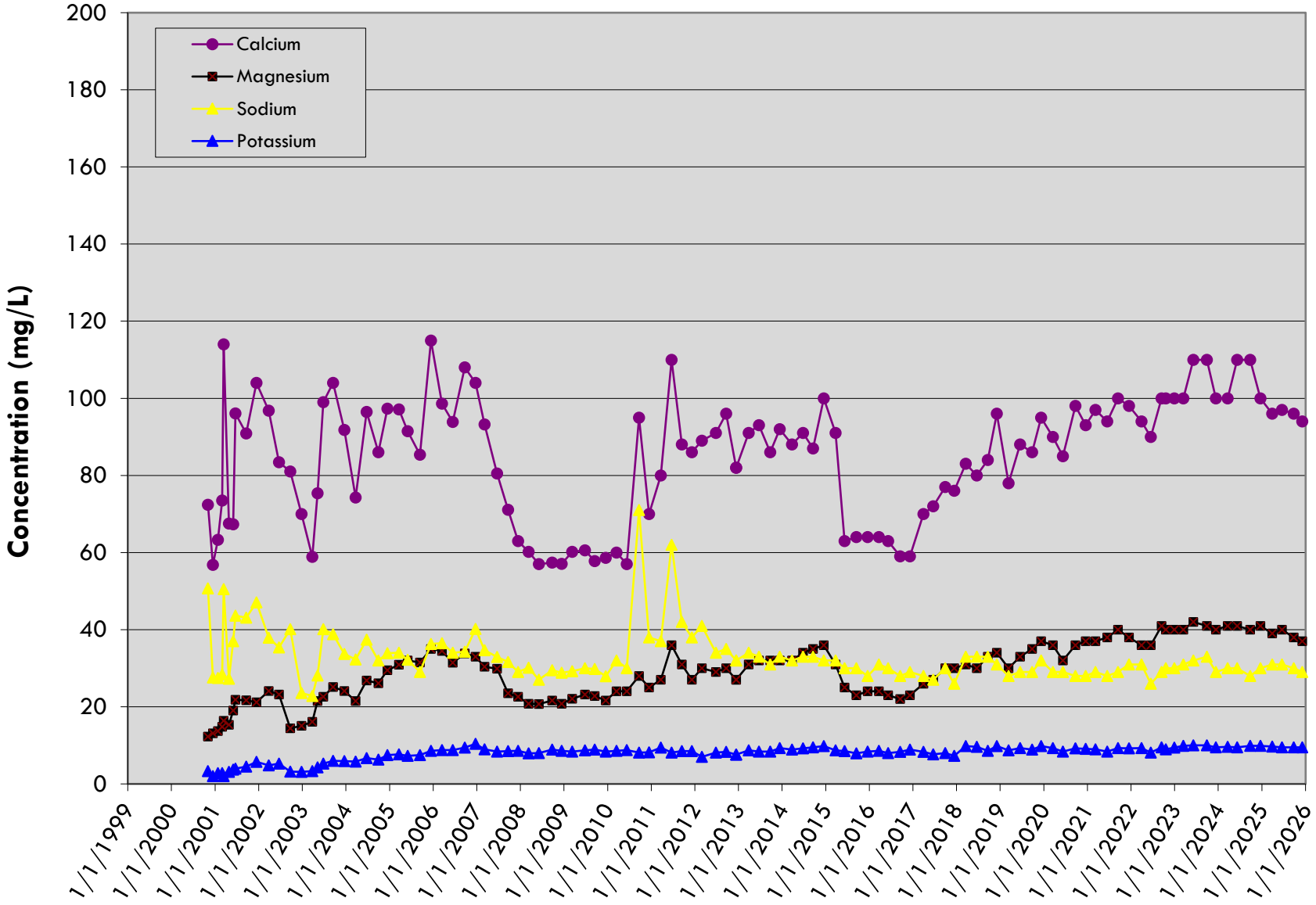


LDCS-1

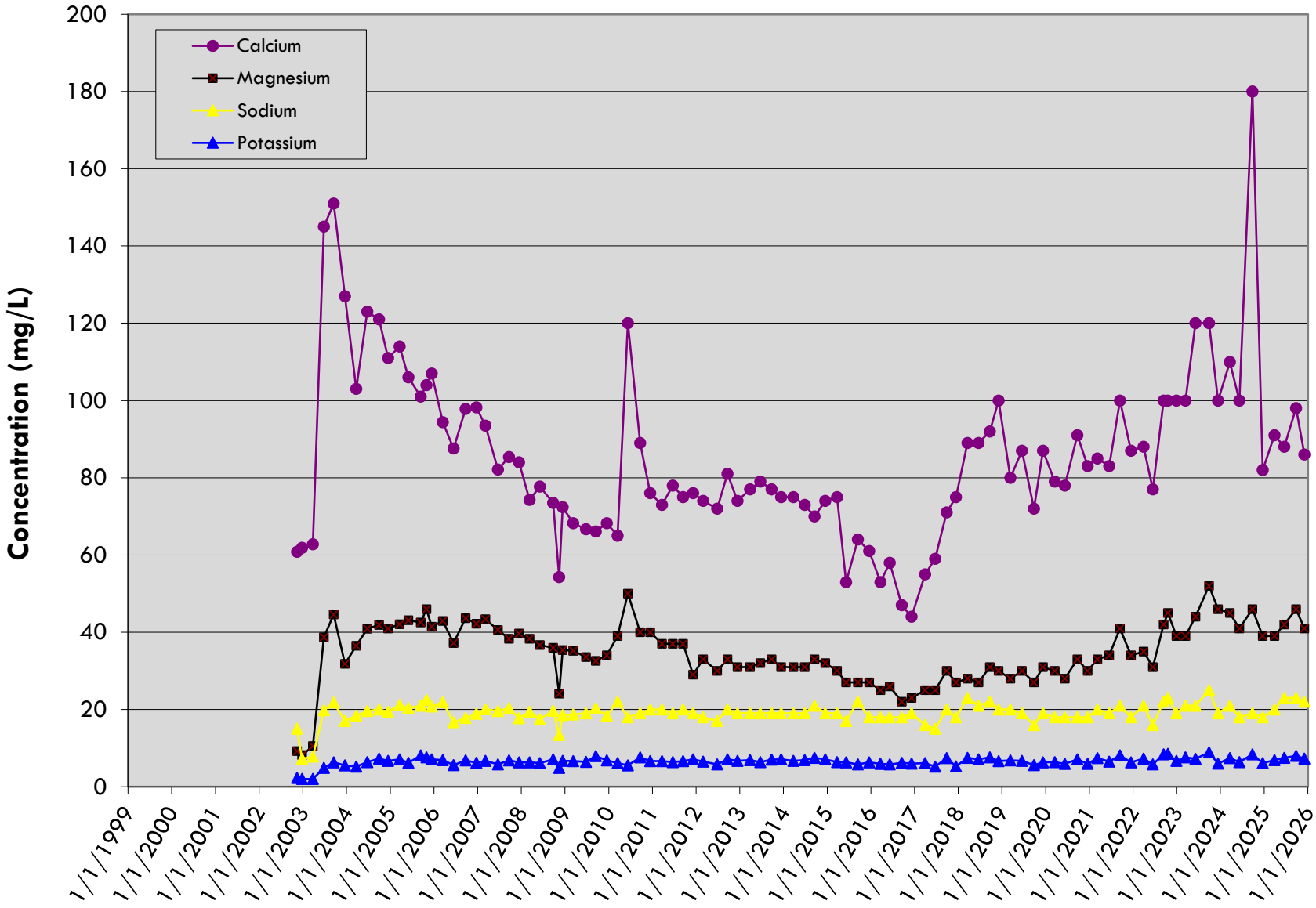
LRI Landfill, Pierce County, Washington



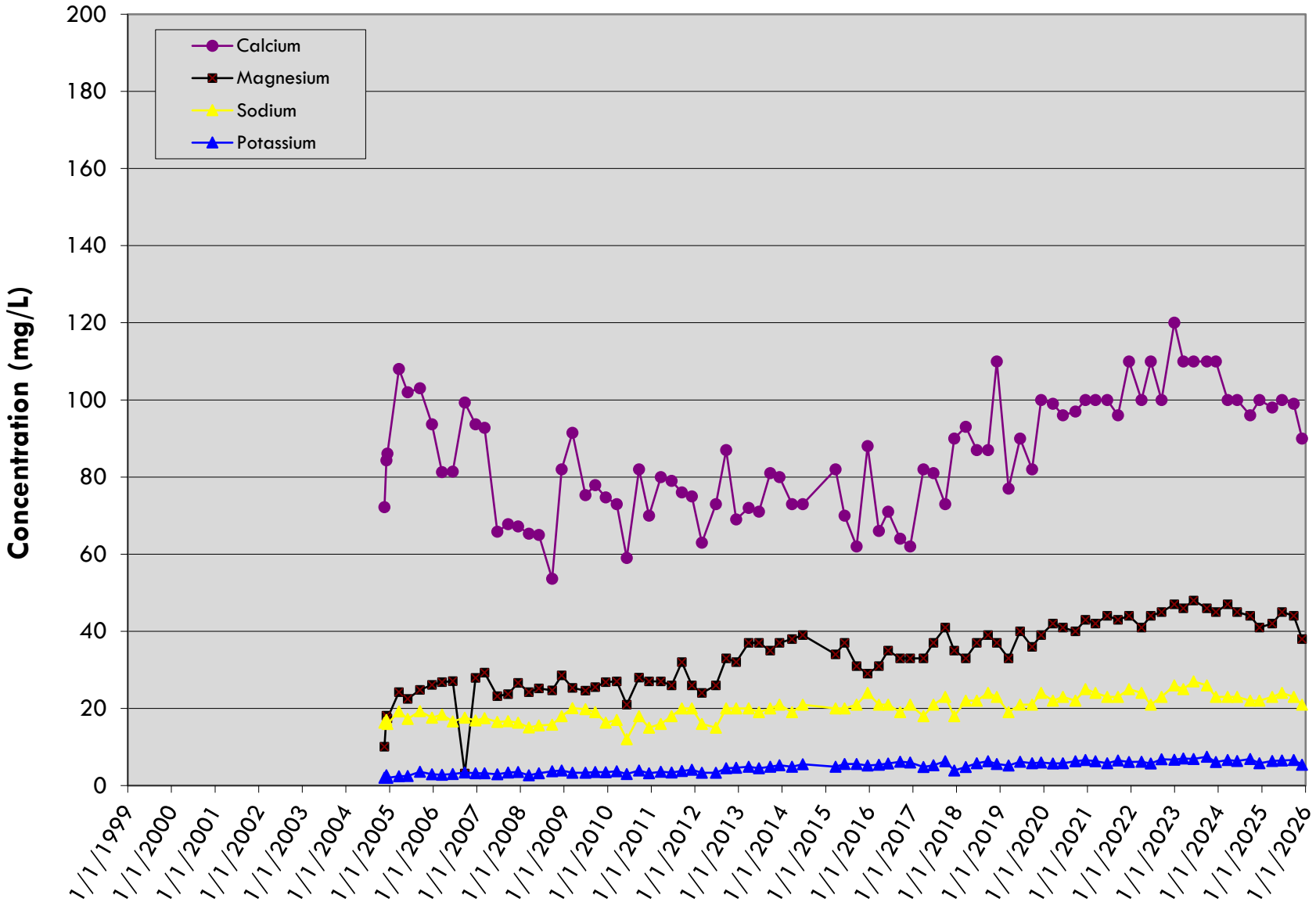
LDCS-2A
LRI Landfill, Pierce County, Washington



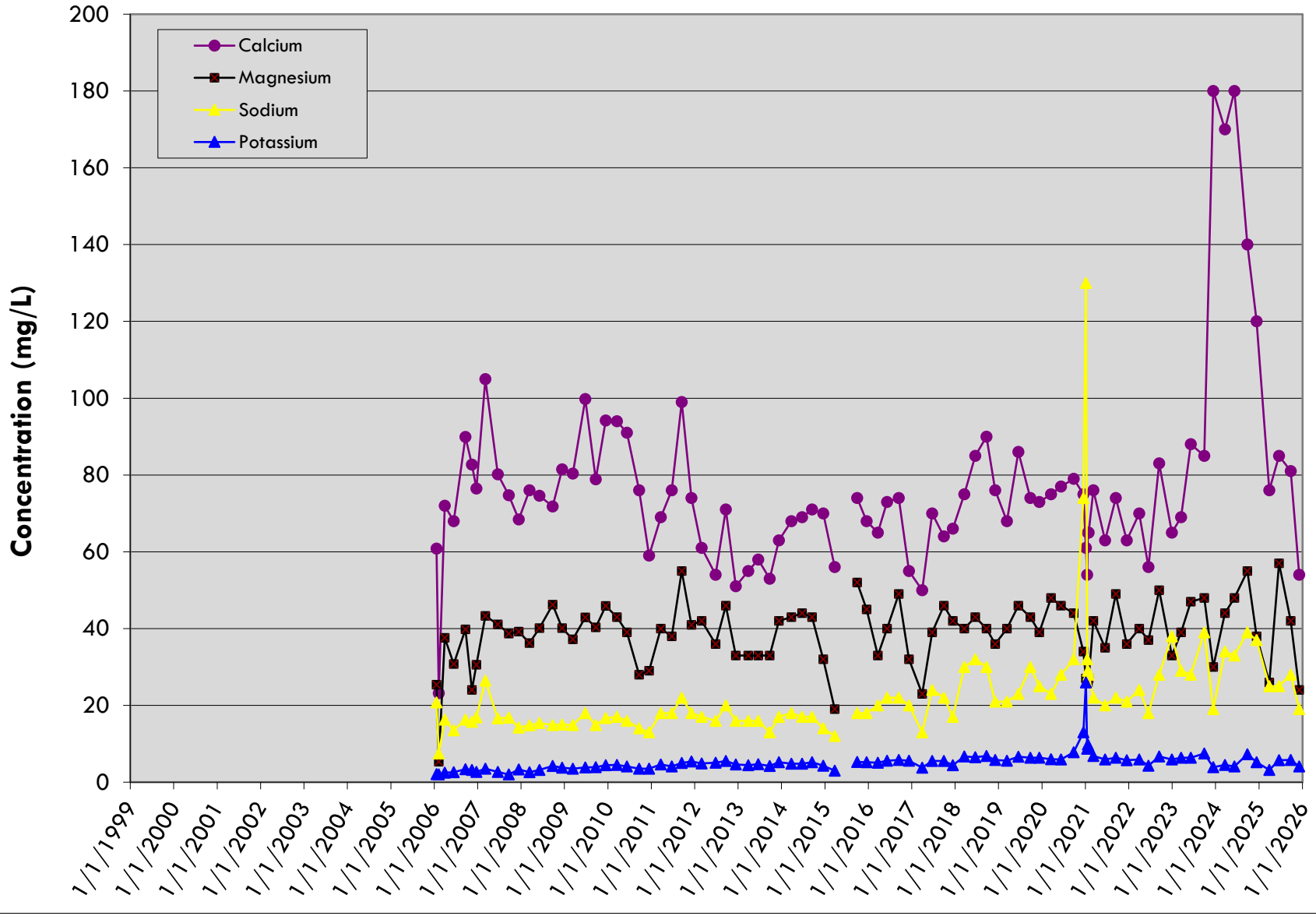
LDCS-2B
LRI Landfill, Pierce County, Washington



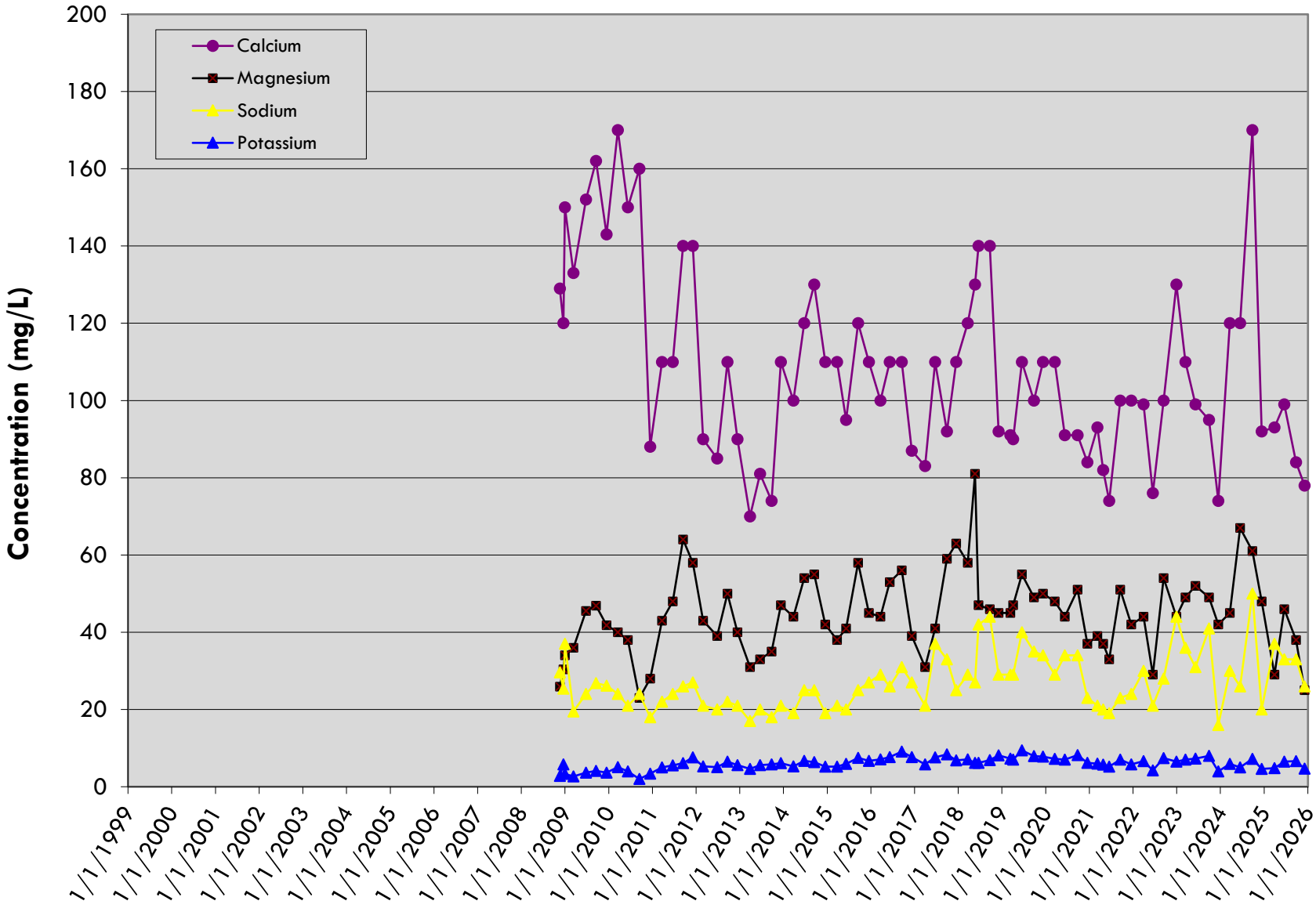
LDCS-3A
LRI Landfill, Pierce County, Washington



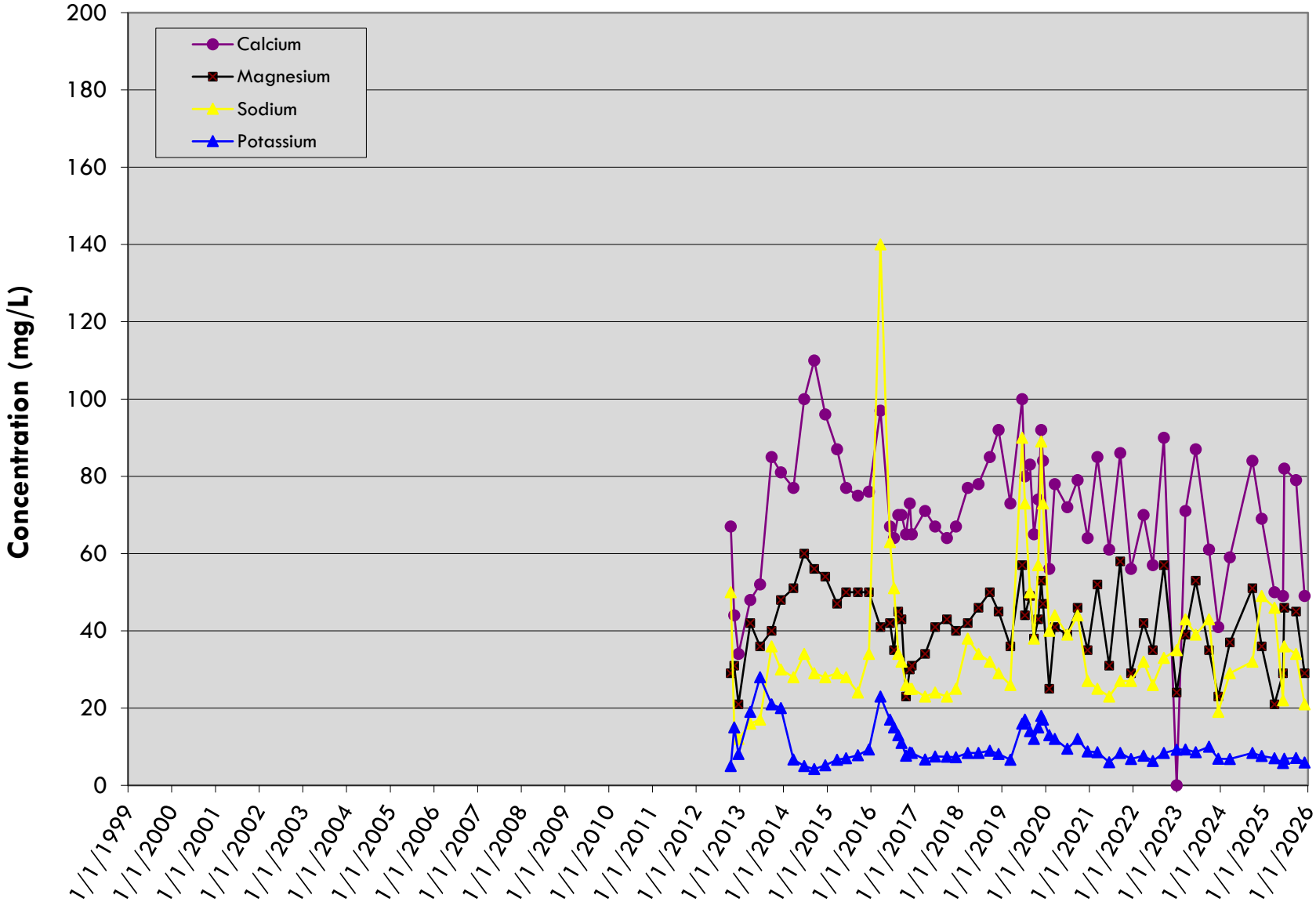
LDCS-4A
LRI Landfill, Pierce County, Washington



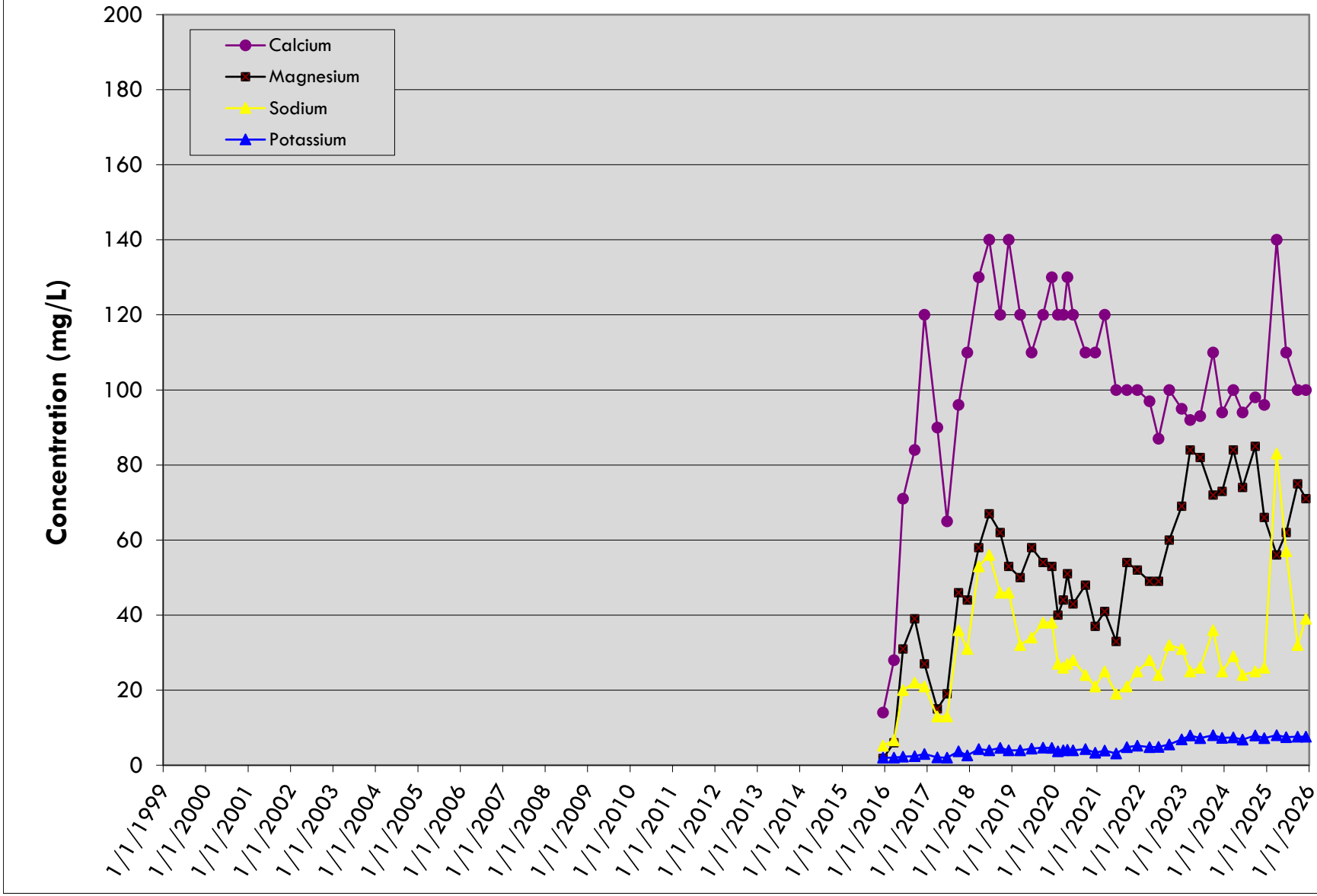
LDCS-4B
LRI Landfill, Pierce County, Washington



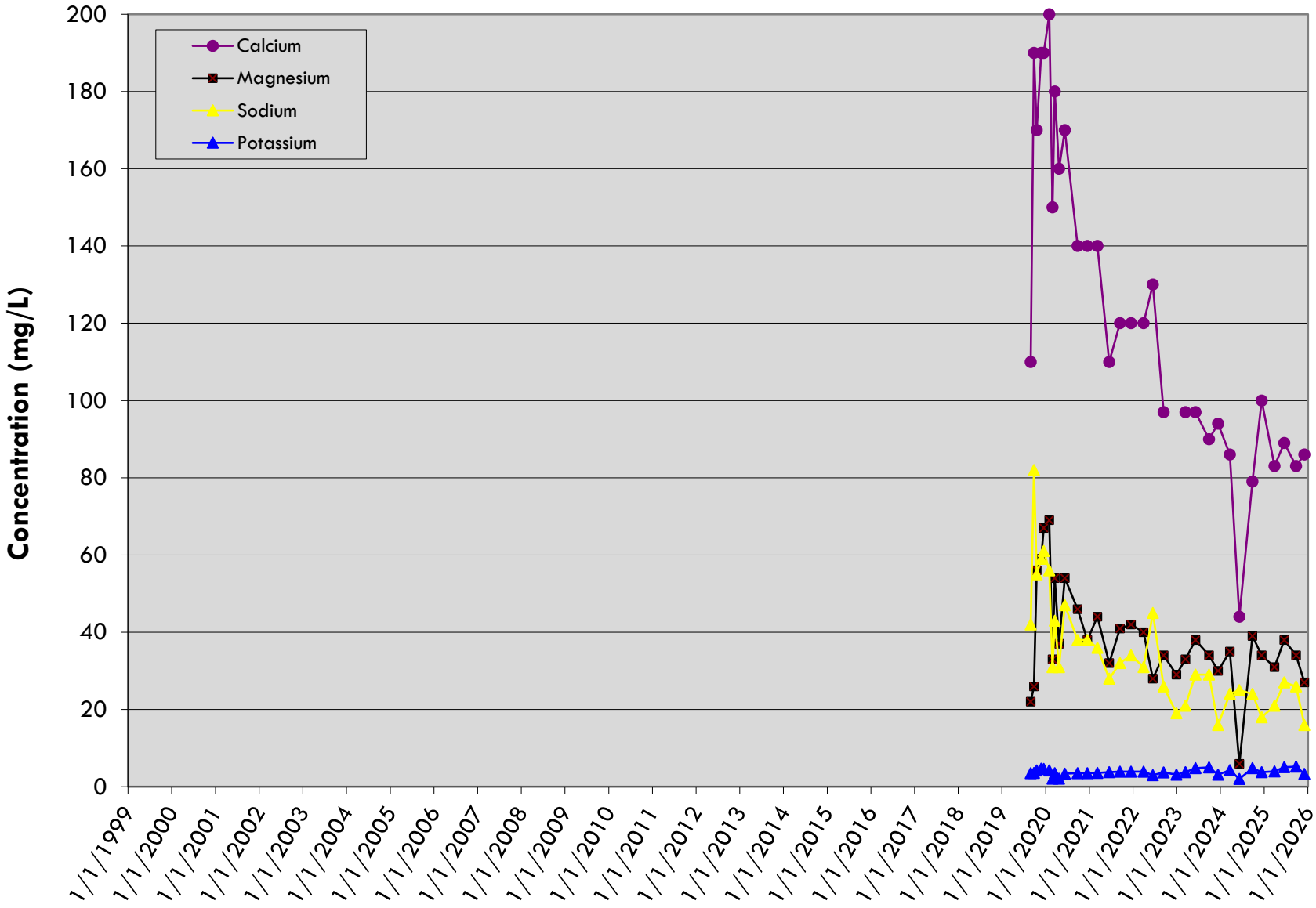
LDCS-5
LRI Landfill, Pierce County, Washington



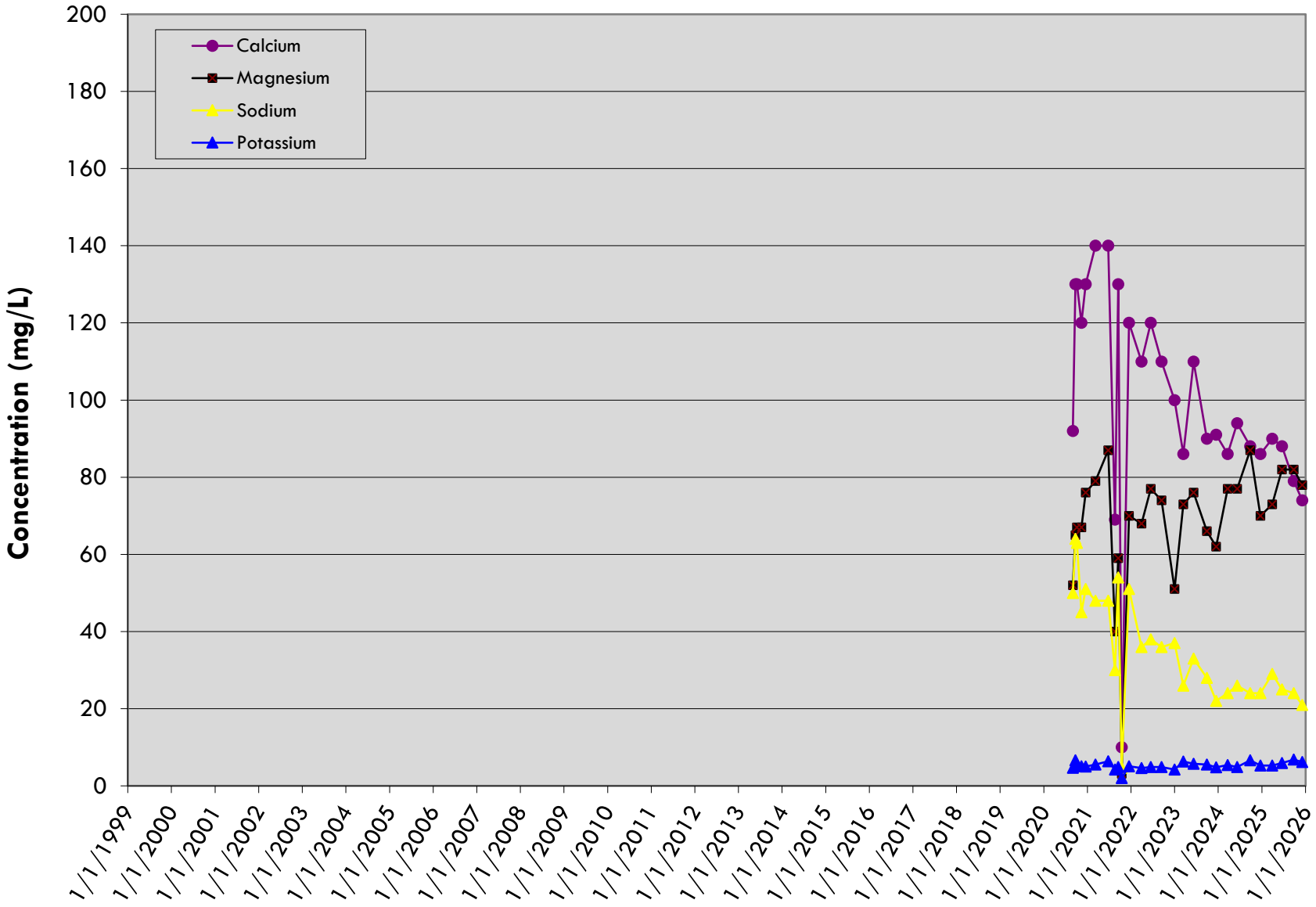
LDCS-6A
LRI Landfill, Pierce County, Washington



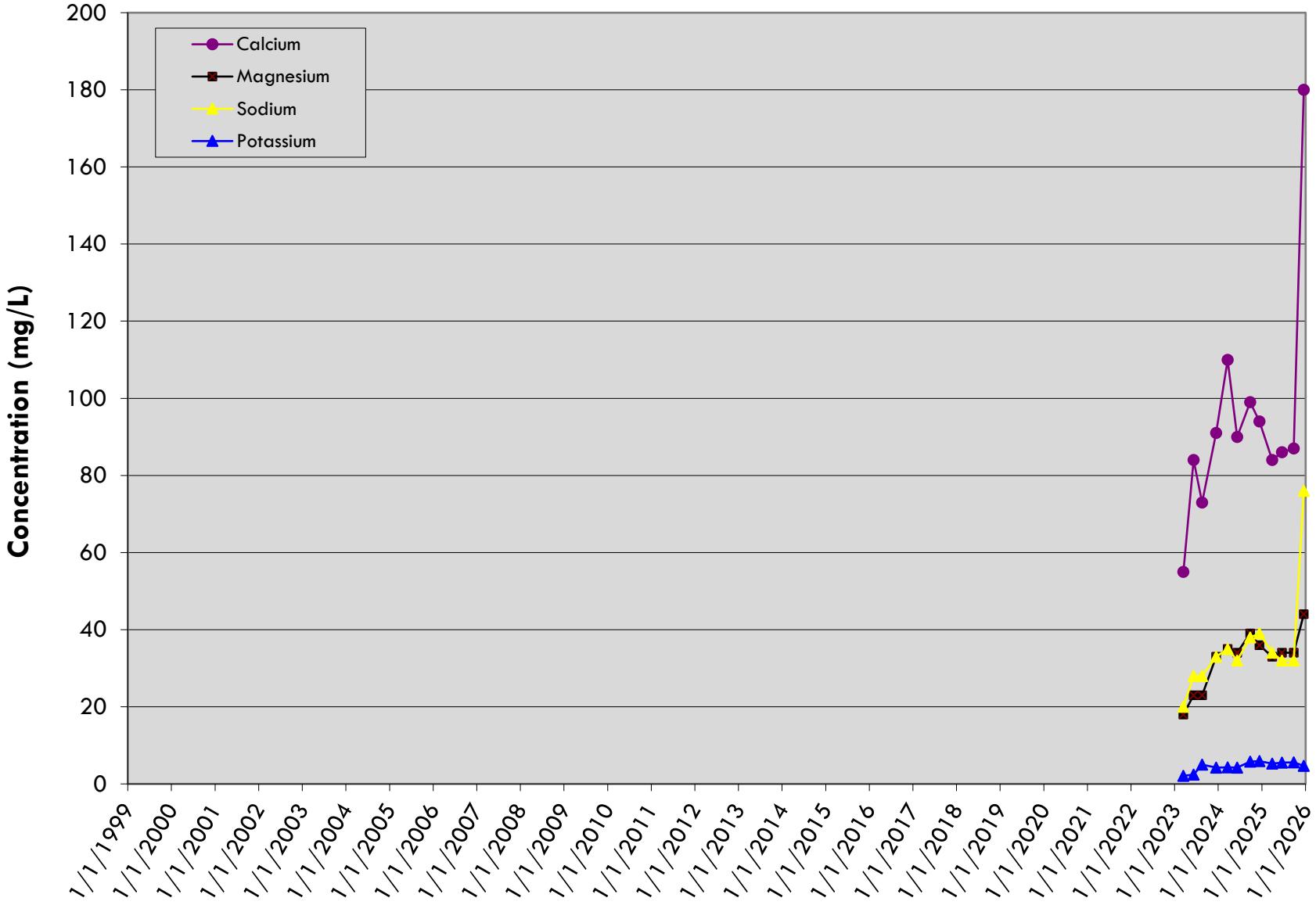
LDCS-7
LRI Landfill, Pierce County, Washington

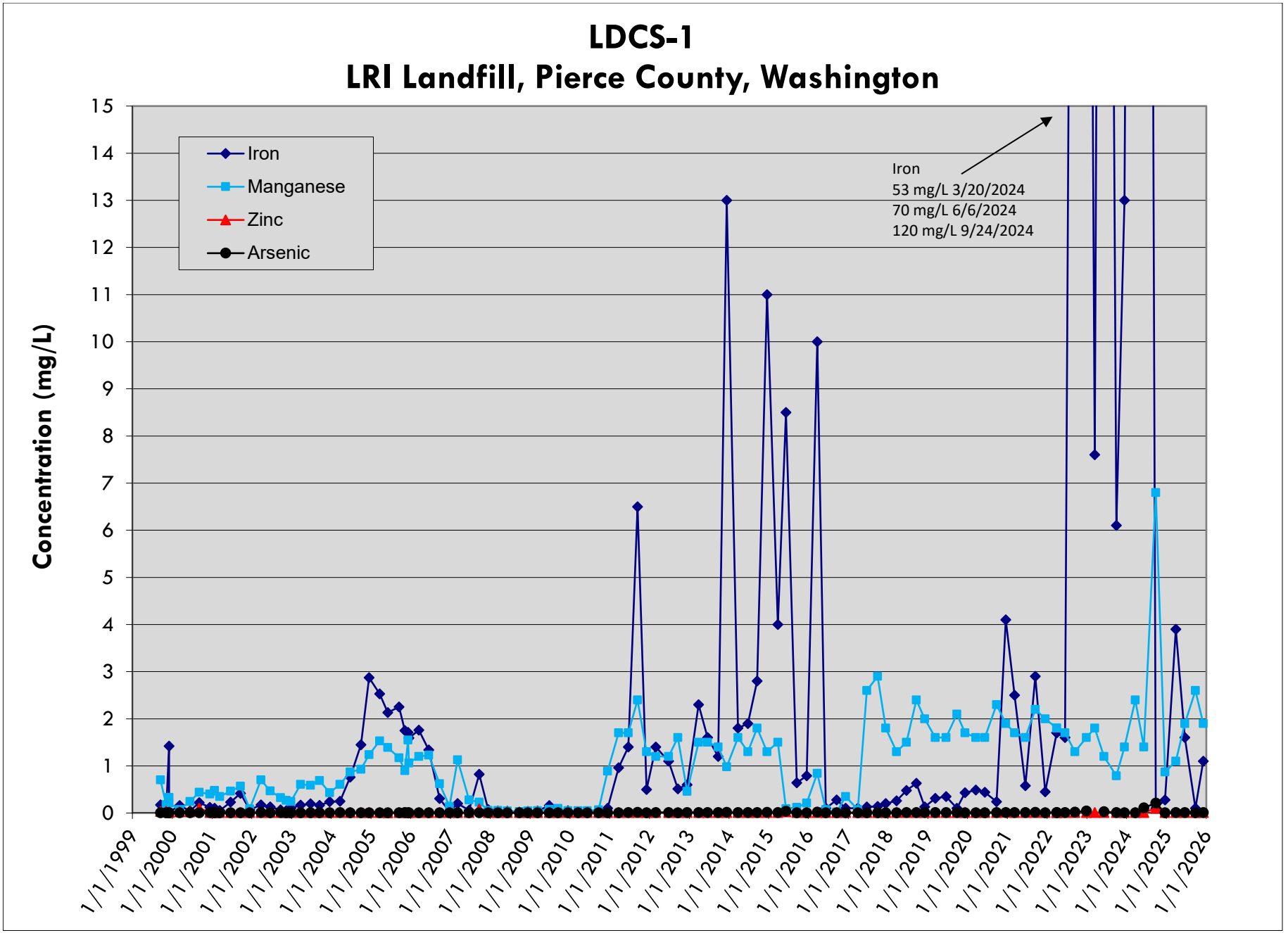


LDCS-8
LRI Landfill, Pierce County, Washington



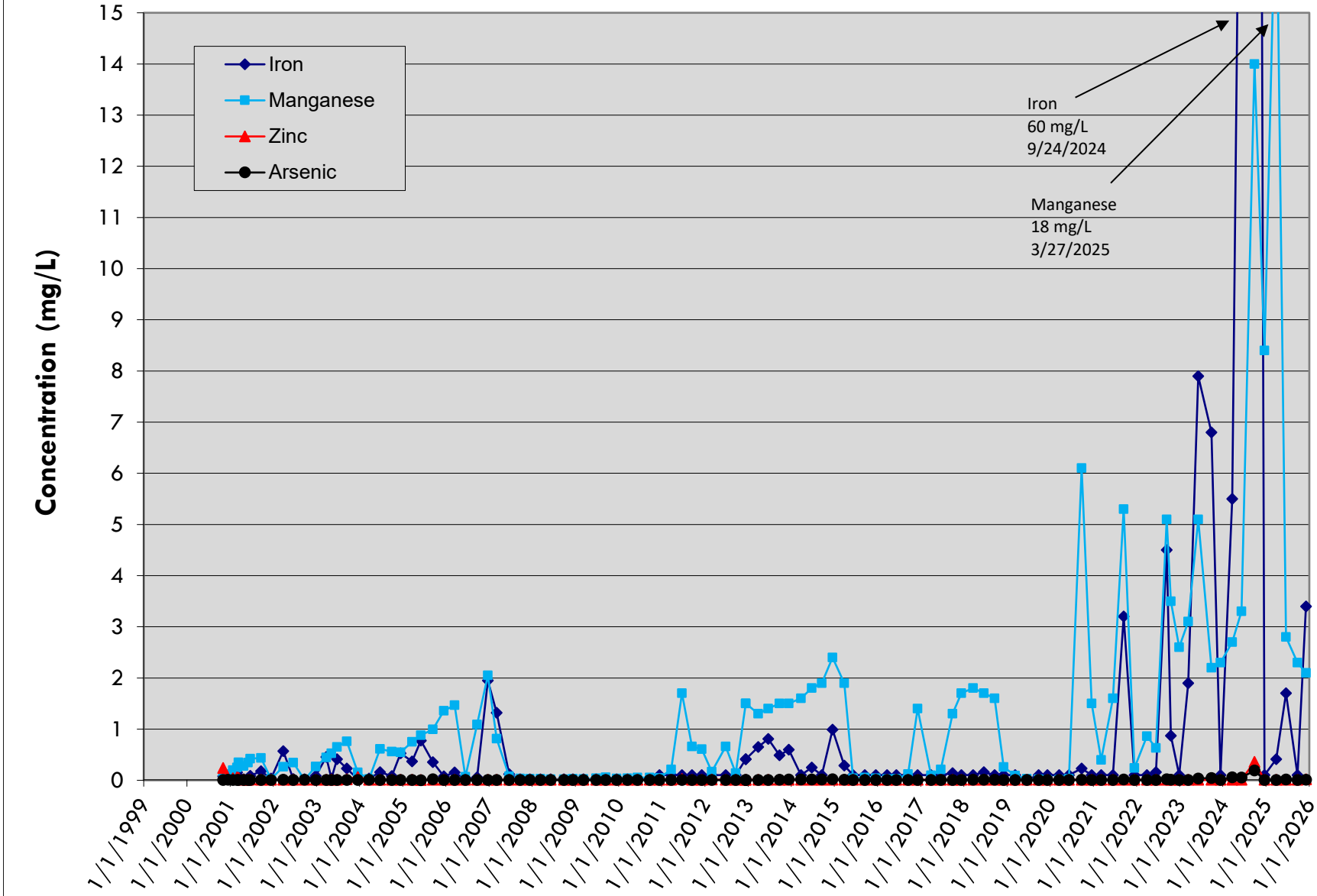
LDCS-9
LRI Landfill, Pierce County, Washington

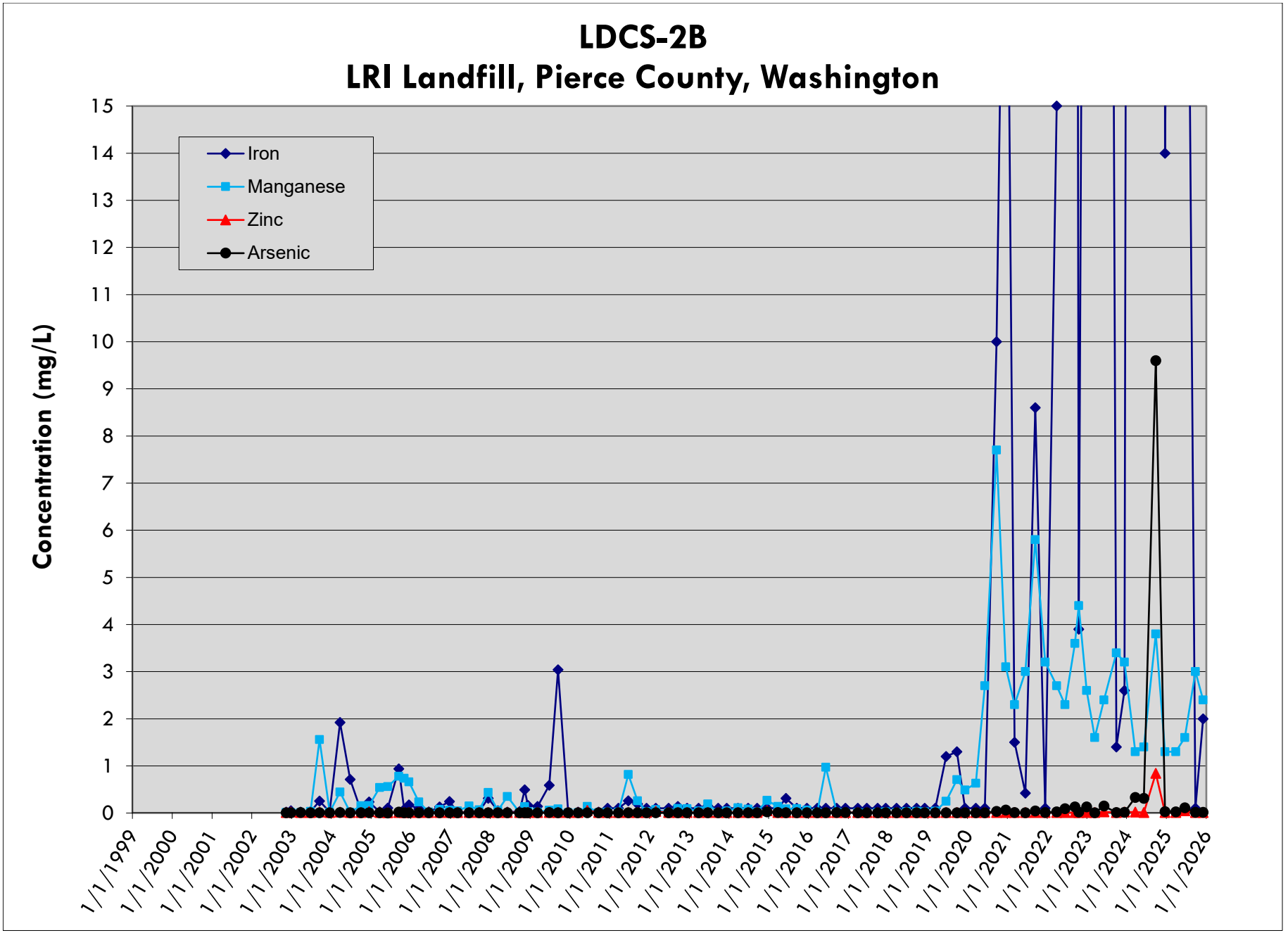



LDCS-1
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Iron
Manganese
Zinc
Arsenic
Iron
53 mg/L 3/20/2024
70 mg/L 6/6/2024
120 mg/L 9/24/2024
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

LDCS-2A

LRI Landfill, Pierce County, Washington




LDCS-2B
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Iron
Manganese
Zinc
Arsenic
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
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1/1/2018
1/1/2019
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1/1/2021
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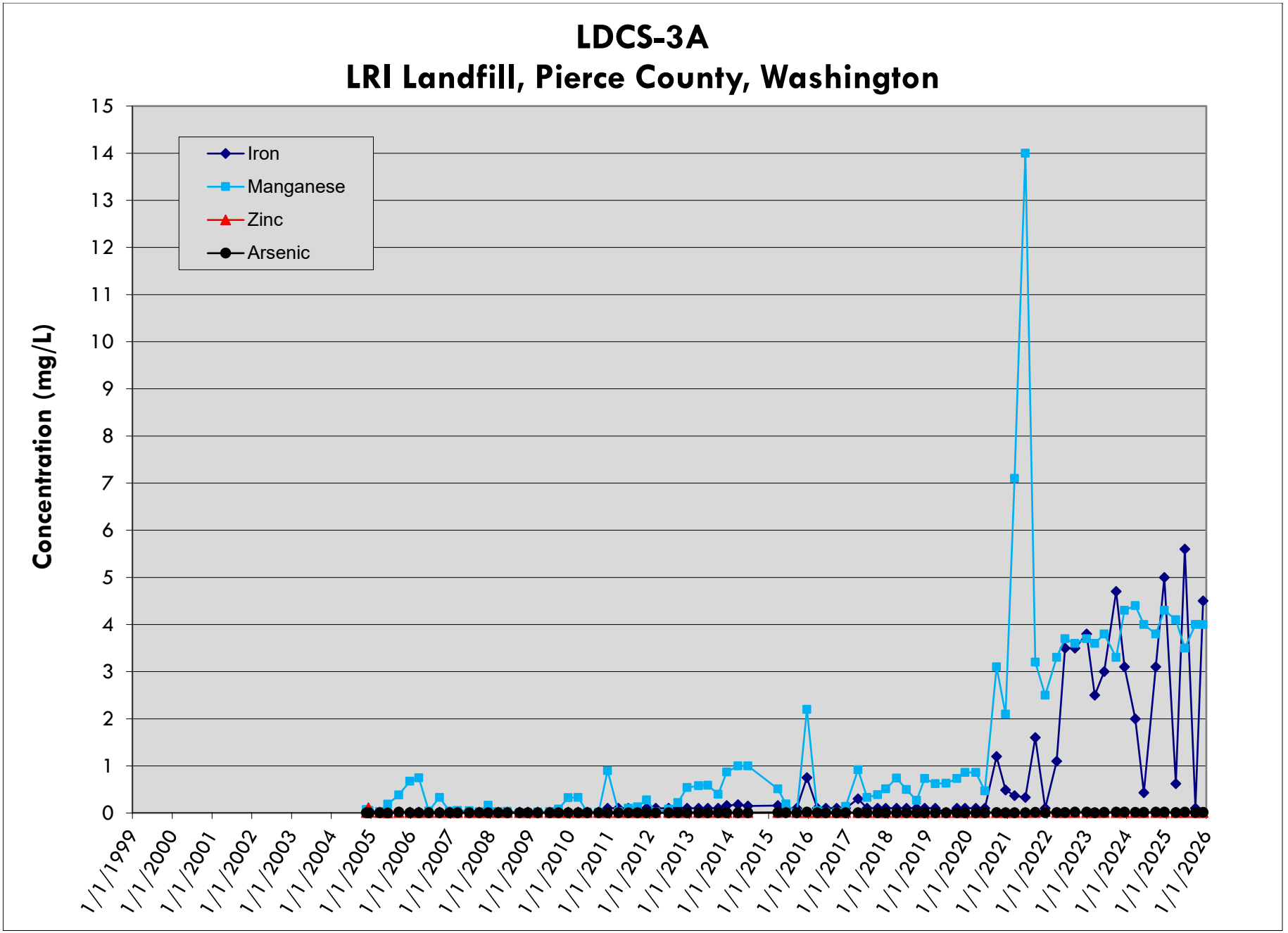
1/1/2023
1/1/2024
1/1/2025
1/1/2026


LDCS-3A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Iron
Manganese
Zinc
Arsenic
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
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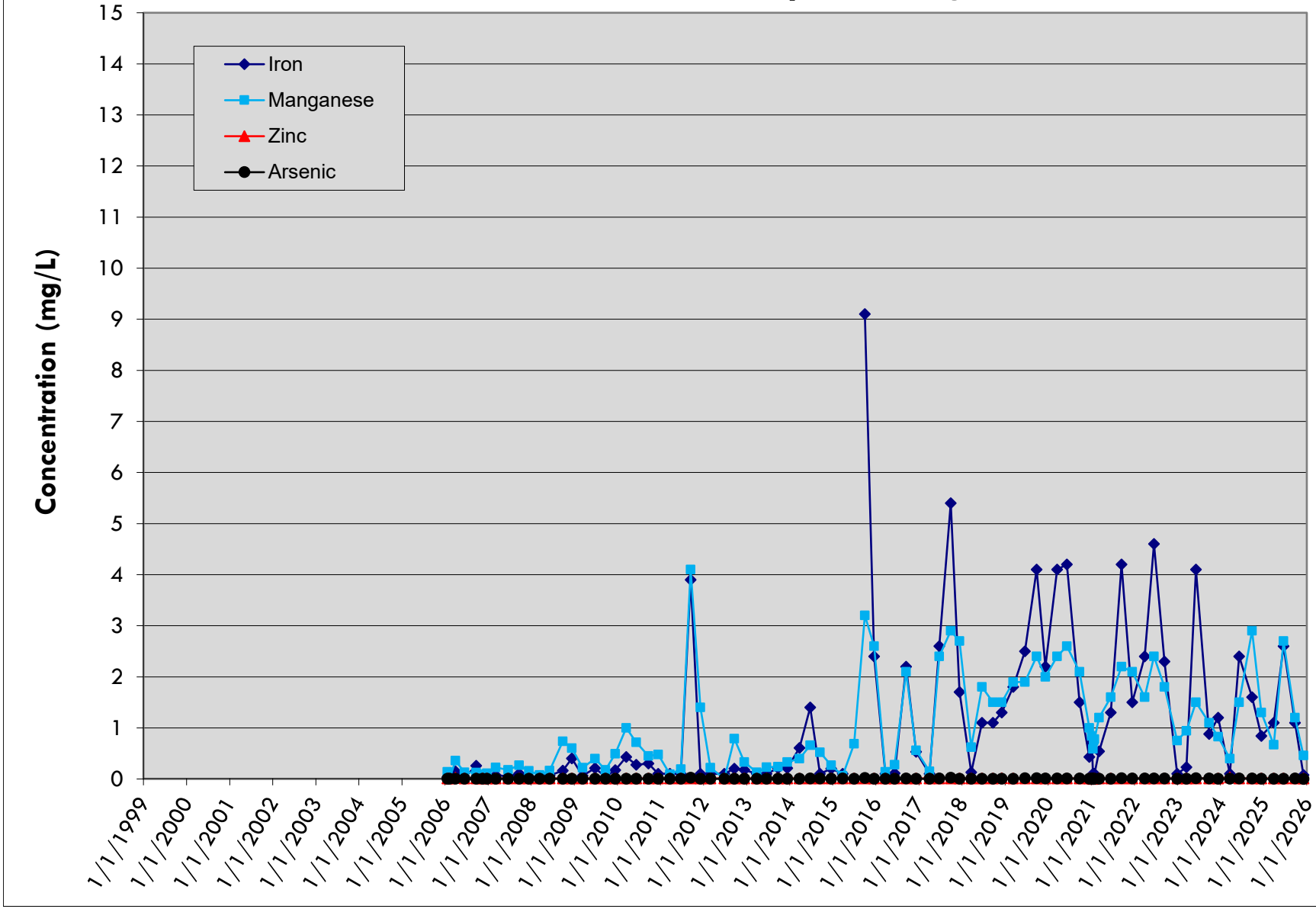
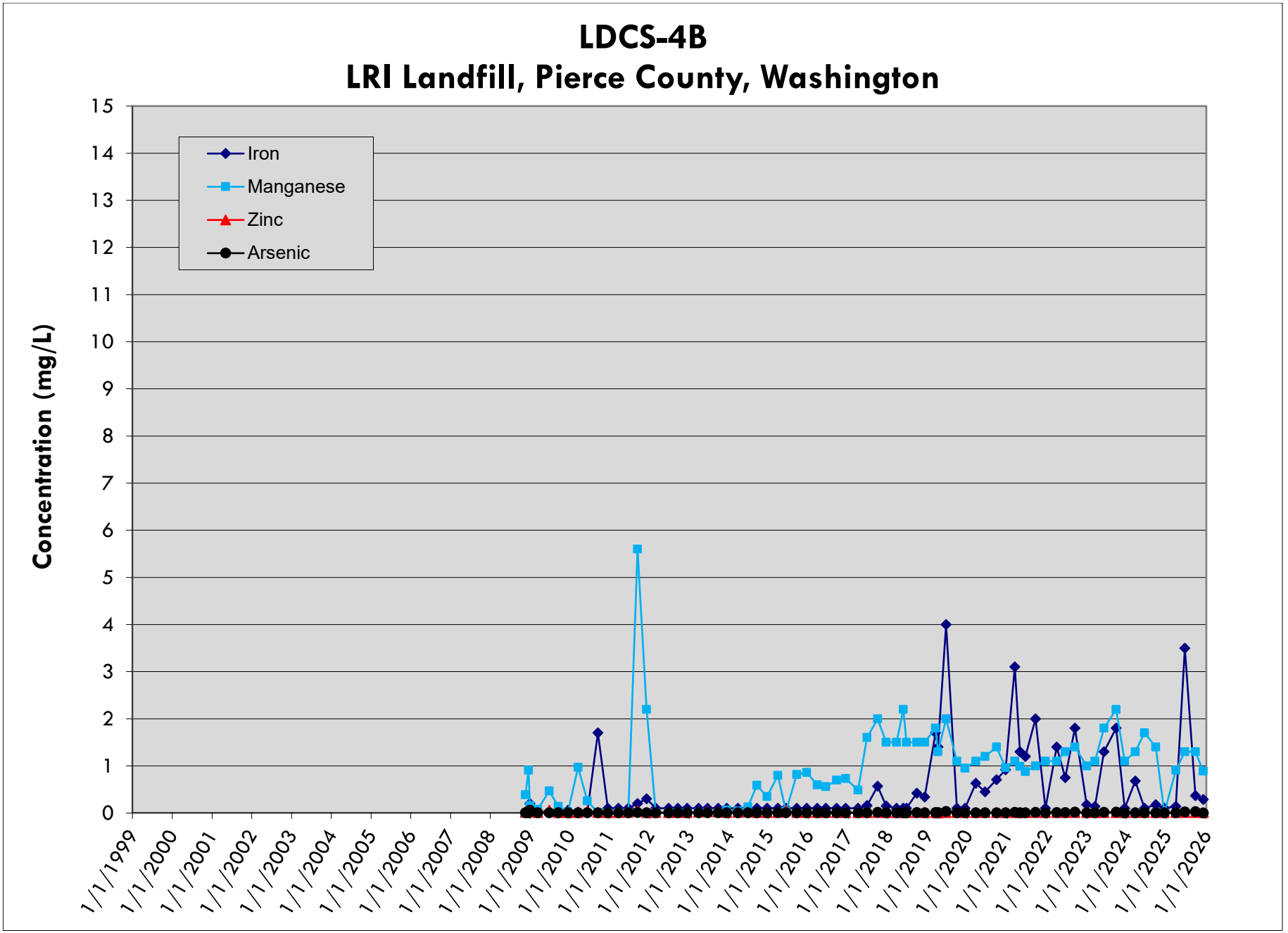
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

LDCS-4A
LRI Landfill, Pierce County, Washington




LDCS-4B
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Iron
Manganese
Zinc
Arsenic
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
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1/1/2012
1/1/2013
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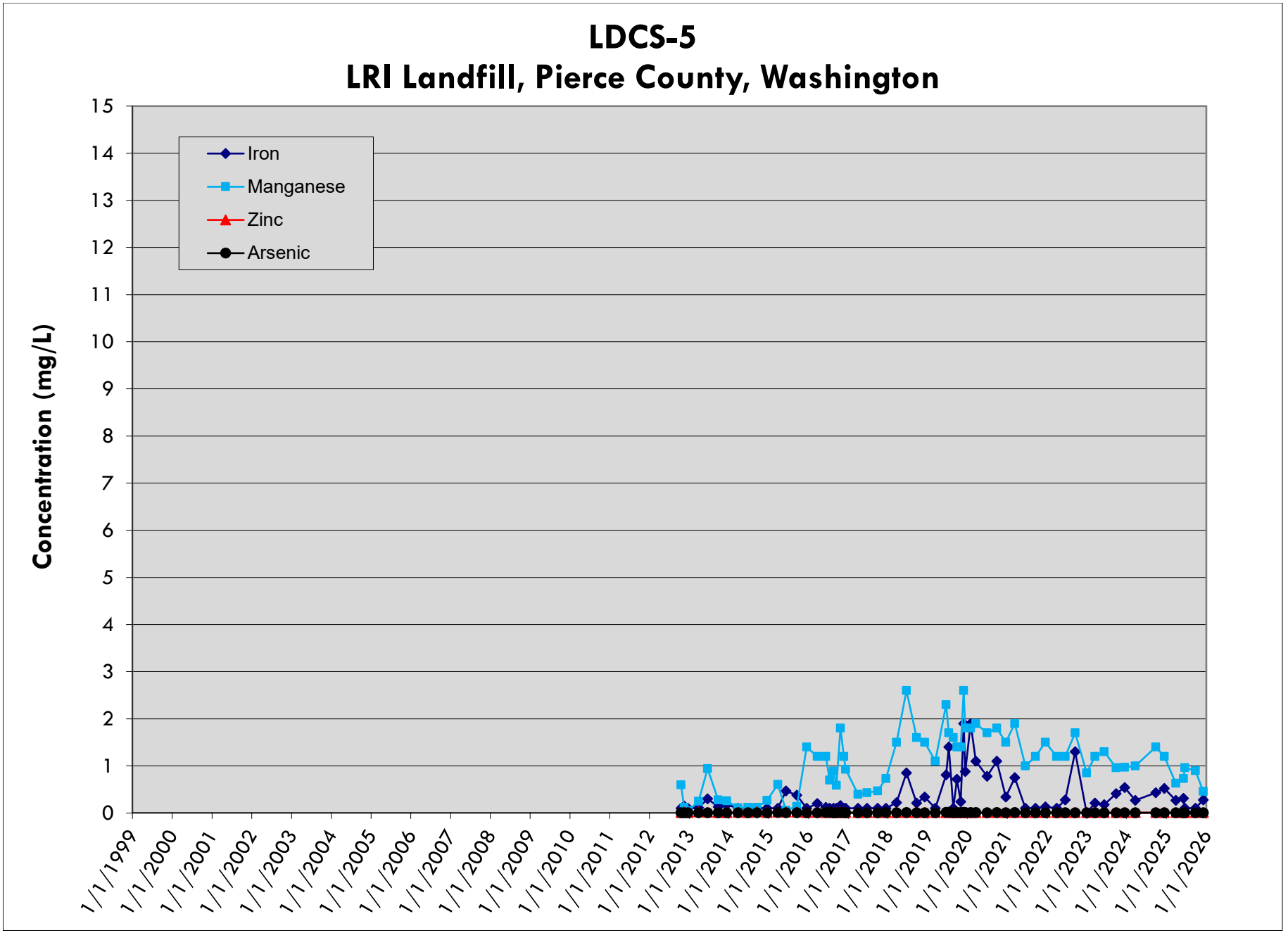
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


LDCS-5
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Iron
Manganese
Zinc
Arsenic
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
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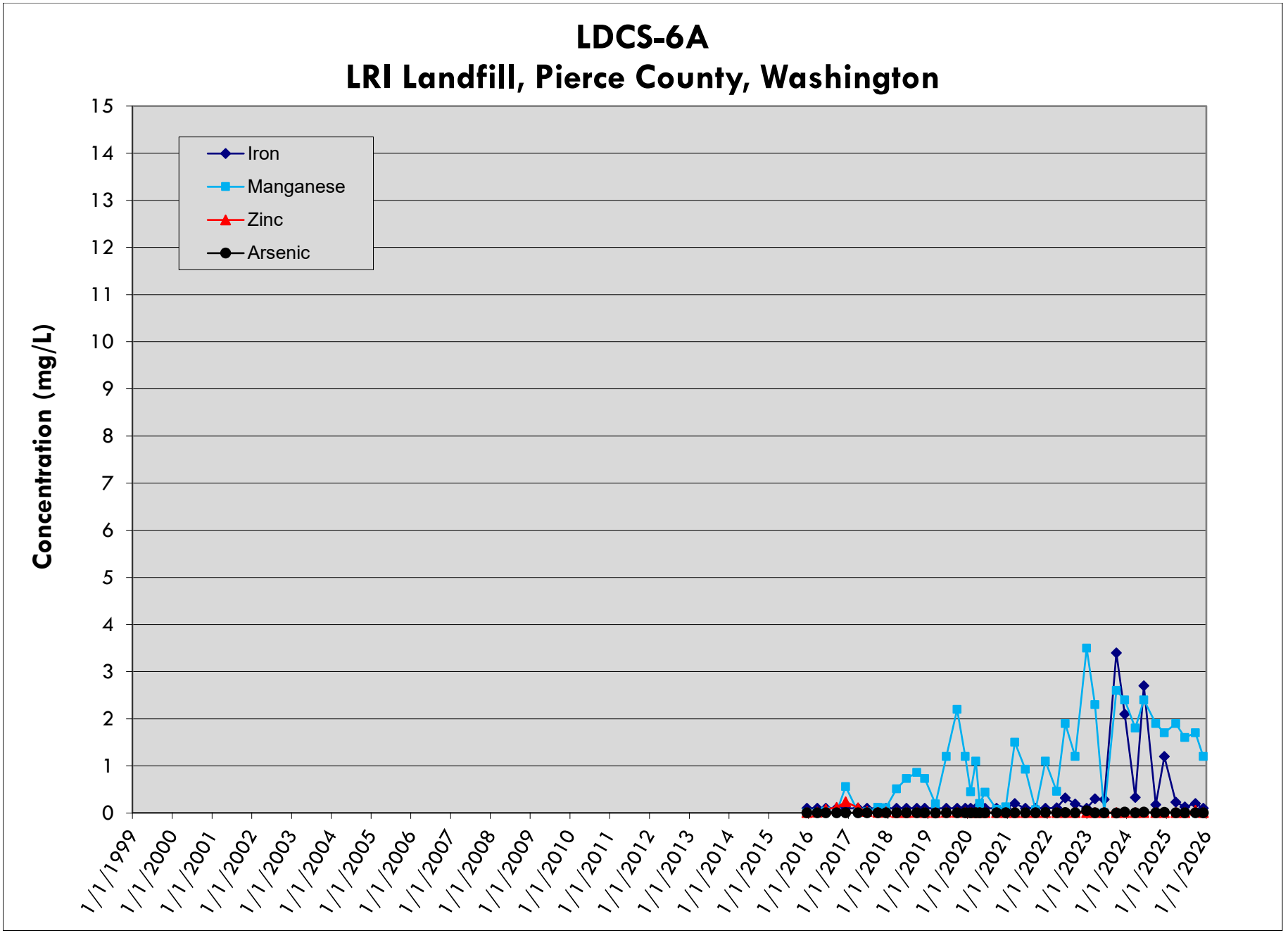
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


LDCS-6A
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Iron
Manganese
Zinc
Arsenic
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
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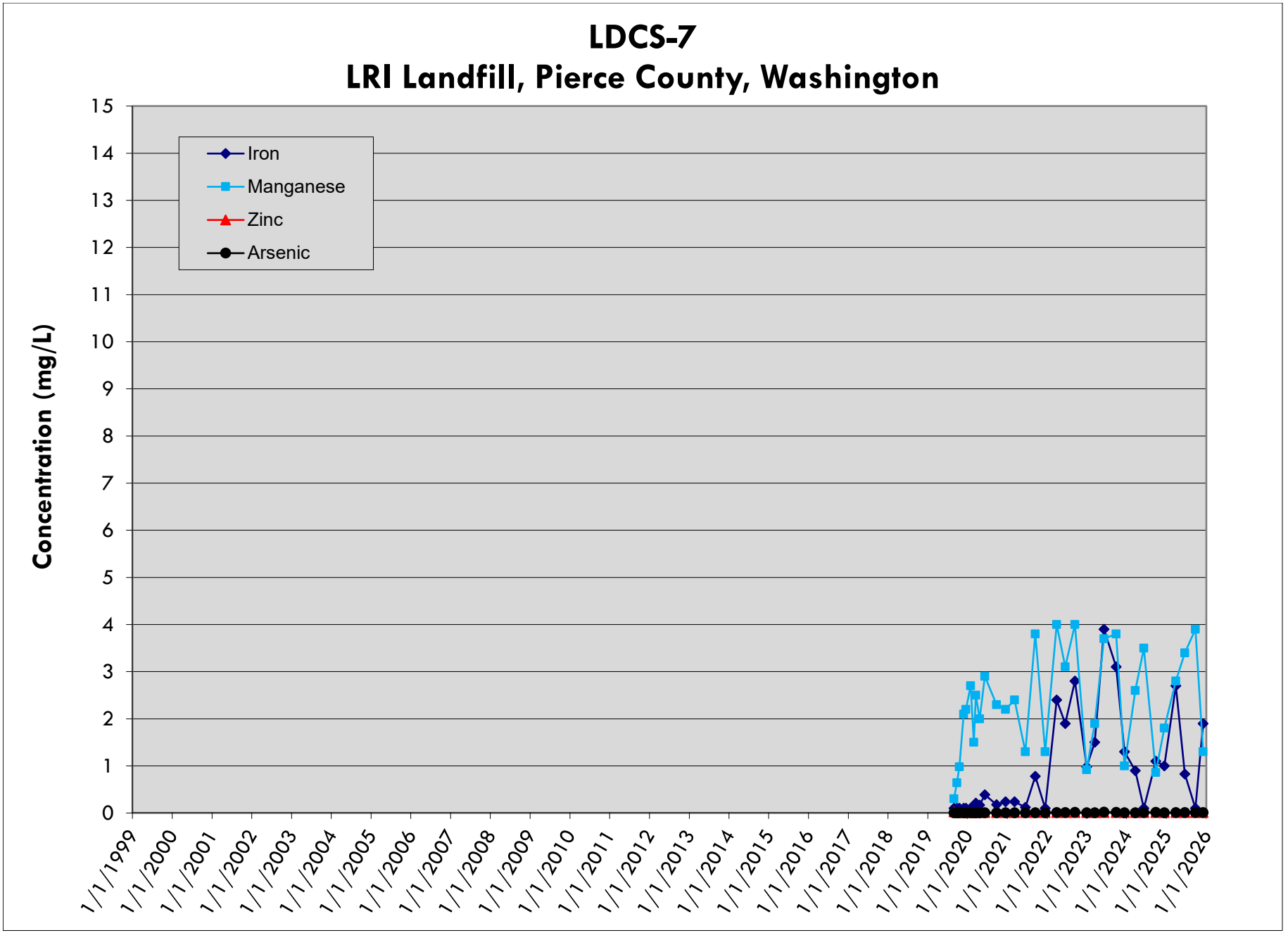
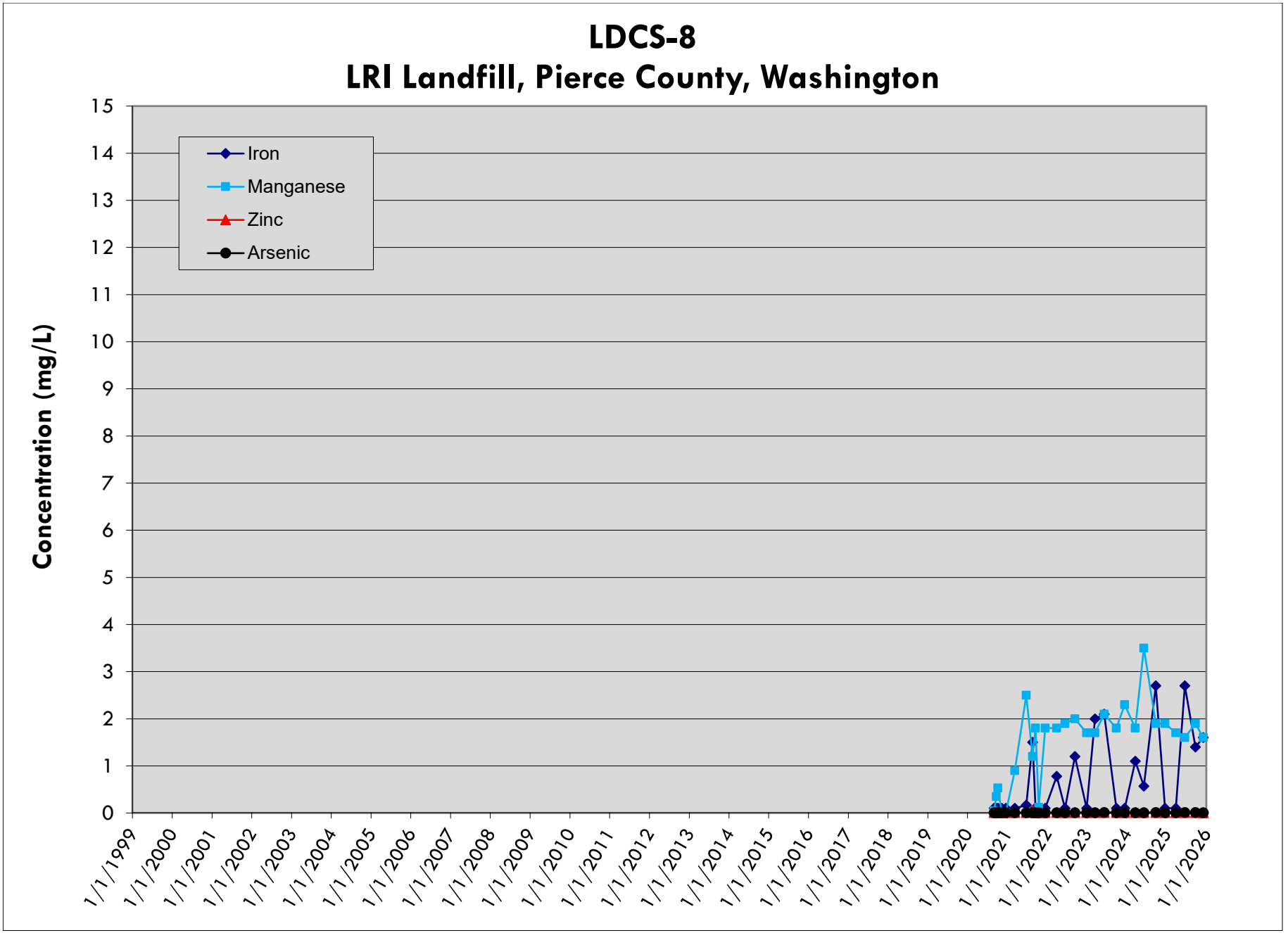
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


LDCS-7
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Iron
Manganese
Zinc
Arsenic
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
1/1/2012
1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


LDCS-8
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Iron
Manganese
Zinc
Arsenic
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
1/1/2009
1/1/2010
1/1/2011
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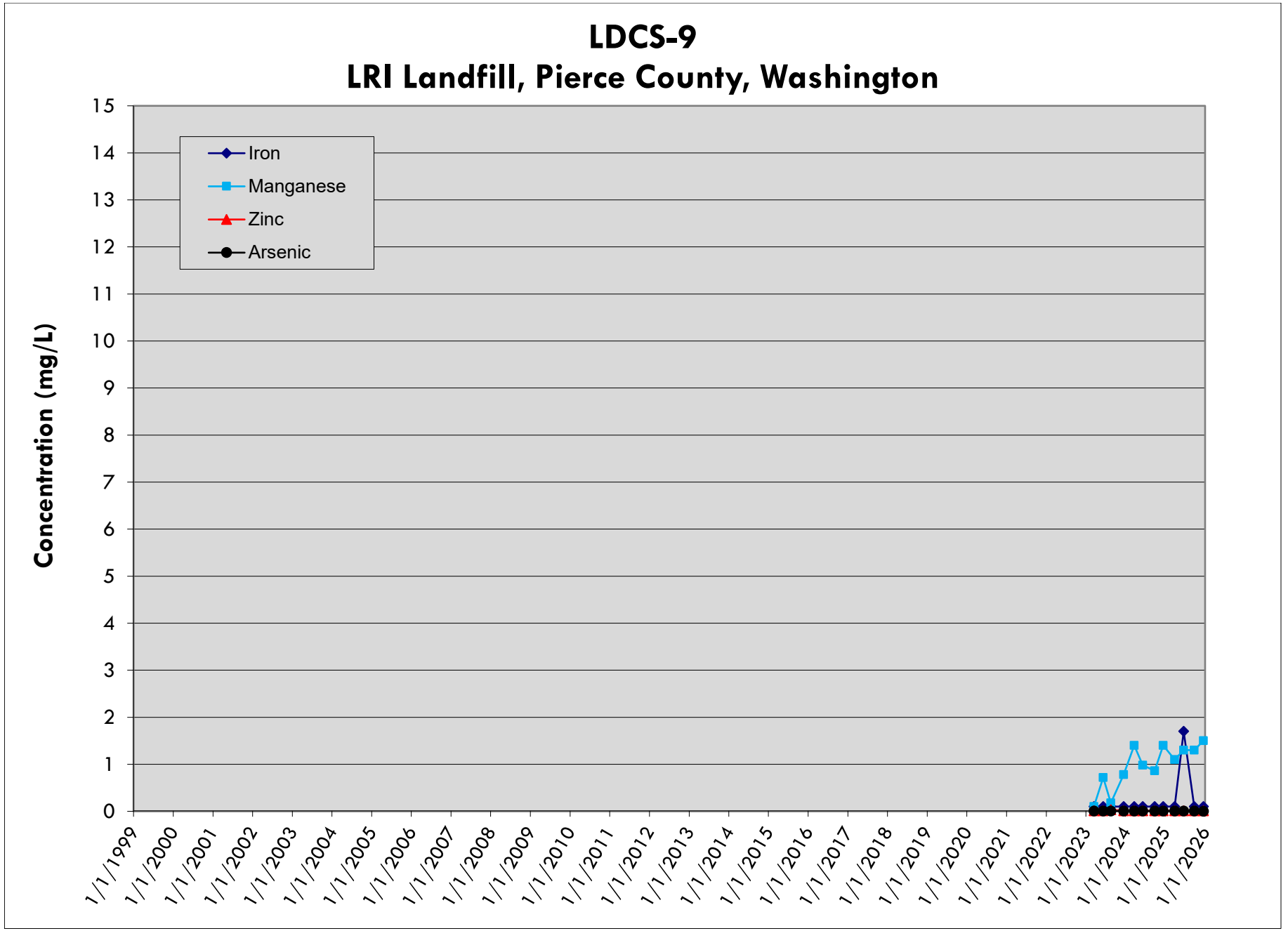
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026


LDCS-9
LRI Landfill, Pierce County, Washington
Concentration (mg/L)
Iron
Manganese
Zinc
Arsenic
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
1/1/1999
1/1/2000
1/1/2001
1/1/2002
1/1/2003
1/1/2004
1/1/2005
1/1/2006
1/1/2007
1/1/2008
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1/1/2013
1/1/2014
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026

Summary of Leachate Volume and Depth Data
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Date	Cell 1 Leachate Volume (GPD)	Cell 1 Leachate Level (in.)	Cell 2A Leachate Volume (GPD)	Cell 2A Leachate Level (in.)	Cell 2B Leachate Volume (GPD)	Cell 2B Leachate Level (in.)	Cell 3A Leachate Volume (GPD)	Cell 3A Leachate Level (in.)	Cell 4A Leachate Volume (GPD)	Cell 4A Leachate Level (in.)	Cell 4B Leachate Volume (GPD)	Cell 4B Leachate Level (in.)	Cell 5 Leachate Volume (GPD)	Cell 5 Leachate Level (in.)	Cell 6 Leachate Volume (GPD)	Cell 6 Leachate Level (in.)	Cell 7 Leachate Volume (GPD)	Cell 7 Leachate Level (in.)	Cell 8A Leachate Volume (GPD)	Cell 8A Leachate Level (in.)	Cell 9A Leachate Volume (GPD)	Cell 9A Leachate Level (in.)
10/1/2025	2,306	10.7	4,972	7.2	3,313	12.6	3,298	12.7	12,395	7.7	6,772	19.3	44	0.0	14,672	19.3	18,526	14.4	-	24.2	-	-
10/2/2025	3,406	10.5	0	9.2	3,389	13.3	3,318	12.7	9,879	11.3	6,386	19.4	14,762	3.6	18,614	15.9	14,609	10.8	-	16.6	-	-
10/3/2025	1,106	10.8	0	11.9	2,939	12.6	3,292	12.7	14,625	7.2	5,967	19.2	22,677	19.1	15,874	16.0	8,055	13.9	-	21.0	-	-
10/4/2025	2,471	10.7	0	0.0	3,260	12.6	3,313	12.6	10,928	7.6	5,714	19.2	2,968	13.4	0	0.0	0	0.0	-	15.5	-	-
10/5/2025	1,268	10.8	1,358	0.0	3,211	12.7	3,311	12.7	13,776	7.8	5,793	19.2	3,026	13.4	0	0.0	0	0.0	-	21.0	-	-
10/6/2025	3,416	10.5	3,474	7.5	3,521	12.6	3,320	12.7	13,334	7.7	6,096	19.2	2,907	13.4	45,802	15.1	23,084	14.4	-	15.5	-	-
10/7/2025	2,604	10.7	0	9.8	3,327	12.5	3,333	12.6	10,772	8.3	6,554	19.2	2,946	13.4	21,055	15.6	6,857	12.0	-	20.9	-	-
10/8/2025	2,498	10.7	0	11.7	3,514	12.6	3,333	12.6	13,151	7.3	6,934	19.2	3,062	13.4	19,107	16.2	15,259	13.7	-	15.4	-	-
10/9/2025	2,085	10.6	0	0.0	3,312	12.5	3,435	12.7	9,641	8.4	6,685	19.2	2,946	13.4	20,727	16.5	0	0.0	-	20.9	-	-
10/10/2025	3,852	10.5	4,854	15.1	3,490	12.6	3,593	12.4	12,931	8.1	6,565	19.2	2,887	13.4	19,568	16.6	0	12.6	-	15.4	-	-
10/11/2025	2,140	10.6	0	0.0	3,316	12.5	3,512	12.7	13,058	7.1	6,399	19.2	3,026	13.4	0	0.0	0	0.0	-	20.7	-	-
10/12/2025	2,581	10.6	0	0.0	3,674	12.4	3,394	12.4	7,295	10.1	6,519	19.2	2,907	13.4	0	0.0	0	0.0	-	15.0	-	-
10/13/2025	3,463	10.7	0	11.6	3,564	12.6	3,555	12.6	13,446	7.3	6,489	19.2	2,990	13.4	62,636	18.1	31,663	12.5	-	20.9	-	-
10/14/2025	1,672	10.8	0	13.5	3,321	12.5	3,470	12.6	12,688	7.7	7,743	19.3	2,925	13.4	0	0.0	39	13.9	-	17.4	-	-
10/15/2025	2,901	10.6	4,890	15.6	3,345	12.5	3,372	12.7	10,868	7.8	8,373	19.3	2,675	13.4	0	22.5	20	14.9	-	17.8	-	-
10/16/2025	3,377	10.6	0	8.4	3,356	12.5	3,447	12.9	7,556	10.4	8,409	19.3	2,722	13.4	22,838	17.0	13,400	12.5	-	20.9	-	-
10/17/2025	1,291	10.9	0	10.9	3,245	12.6	2,332	12.4	12,424	7.5	8,257	19.3	2,692	13.4	22,167	17.7	21,128	14.3	-	15.4	-	-
10/18/2025	3,980	10.5	0	0.0	3,361	12.6	3,407	12.6	8,381	8.8	8,821	19.3	2,880	13.4	0	0.0	0	0.0	-	20.6	-	-
10/19/2025	8,445	10.3	0	0.0	3,902	12.6	3,255	12.5	6,334	8.0	8,277	19.3	3,037	13.3	0	0.0	0	0.0	-	16.3	-	-
10/20/2025	4,116	10.7	5,017	14.9	3,529	12.8	3,455	12.7	10,952	8.5	9,045	19.3	2,780	13.4	58,969	19.3	46,433	11.8	-	20.8	-	-
10/21/2025	4,928	10.5	0	0.0	3,542	12.6	3,309	12.6	10,754	7.4	8,849	19.3	2,755	13.4	0	0.0	0	0.0	-	15.2	-	-
10/22/2025	2,505	10.7	0	10.6	3,494	12.7	3,329	12.5	11,116	7.5	8,536	19.3	2,914	13.4	38,672	19.4	67	14.9	-	24.5	-	-
10/23/2025	3,222	10.7	0	12.3	3,579	12.6	3,311	12.6	7,096	10.7	8,784	19.3	2,859	13.4	21,450	19.9	25,995	9.2	-	27.0	-	-
10/24/2025	15,144	9.8	0	15.2	3,644	12.5	3,252	12.6	6,379	9.6	8,190	19.3	3,307	13.3	18,888	21.2	969	14.0	-	36.6	-	-
10/25/2025	24,603	9.1	5,045	0.0	3,776	12.8	3,419	13.0	5,985	12.1	8,568	19.3	3,347	13.3	0	0.0	0	0.0	-	56.0	-	-
10/26/2025	24,603	10.0	5,045	0.0	3,776	15.0	3,419	16.0	5,985	7.0	8,568	19.0	3,347	14.0	0	0.0	0	0.0	-	59.9	-	-
10/27/2025	24,603	10.2	0	10.9	4,060	13.0	3,320	12.9	8,012	8.5	8,568	19.2	3,347	13.5	631	62.0	62,127	14.7	-	65.7	-	-
10/28/2025	8,159	10.4	0	12.4	3,521	12.7	3,383	13.1	8,958	7.8	8,234	19.3	2,935	13.3	598	65.0	15,002	13.2	-	70.1	-	-
10/29/2025	26,245	9.5	1	13.7	4,060	14.3	4,252	12.3	4,339	12.6	8,117	19.7	2,950	13.3	40,331	24.7	17,796	9.8	-	71.0	-	-
10/30/2025	11,848	10.5	4,980	7.1	3,388	18.9	3,780	13.6	8,398	9.1	8,735	20.1	2,876	13.3	38,195	16.9	385	14.1	-	68.9	-	-
10/31/2025	10,741	10.2	0	9.1	4,096	12.6	3,317	12.3	4,807	10.5	8,756	20.2	2,909	13.3	17,170	16.0	83	15.7	-	67.6	-	-
11/1/2025	17,226	10.4	0	0.0	4,555	17.8	2,747	14.1	1,499	19.7	8,526	20.2	3,149	13.8	0	0.0	0	0.0	-	71.3	-	-
11/2/2025	14,566	10.9	0	0.0	4,833	22.1	4,685	16.7	3,287	19.2	11,220	21.0	3,629	14.4	0	0.0	0	0.0	-	71.6	-	-
11/3/2025	14,253	10.0	0	14.8	4,186	12.7	4,440	12.4	6,002	12.9	8,979	19.4	3,165	13.3	62,071	15.9	50,241	15.0	-	65.4	-	-
11/4/2025	15,109	10.4	4,926	15.6	4,536	16.1	3,723	13.5	6,087	16.0	9,214	19.9	3,424	13.6	14,148	20.6	27,103	13.0	-	65.9	-	-
11/5/2025	11,574	10.3	0	10.5	4,373	12.8	4,638	12.7	5,845	9.9	8,974	19.3	3,489	13.2	26,409	14.6	10	15.4	-	0.0	-	-
11/6/2025	6,631	10.7	0	0.0	5,013	16.4	3,694	13.0	6,232	14.7	9,640	20.0	3,443	13.7	19,541	15.2	0	0.0	-	74.4	-	-
11/7/2025	3,509	11.3	0	12.1	3,330	23.0	2,964	16.3	1,182	18.7	6,763	20.8	2,405	14.6	13,270	20.1	0	13.0	-	75.8	-	-
11/8/2025	7,294	10.8	4,814	0.0	4,472	24.8	4,790	16.8	4,927	18.0	10,320	21.4	3,580	14.8	0	0.0	0	0.0	-	73.8	-	-
11/9/2025	5,753	11.0	0	0.0	3,598	17.0	3,824	14.1	5,889	13.8	7,852	19.9	2,809	13.9	0	0.0	0	0.0	-	71.1	-	-
11/10/2025	6,540	10.6	0	9.6	3,564	12.9	3,331	12.8	5,793	12.6	7,518	19.4	2,836	13.4	59,331	17.2	47,346	9.6	-	65.9	-	-
11/11/2025	5,776	10.8	0	12.4	3,382	14.7	4,406	12.7	6,199	11.7	8,050	20.0	2,781	13.7	14,533	16.1	3,559	13.4	-	59.8	-	-
11/12/2025	4,217	11.0	0	14.3	3,096	13.7	3,245	12.3	6,522	8.8	6,817	19.9	2,568	13.5	16,830	16.0	2	15.3	-	48.6	-	-
11/13/2025	5,815	10.9	4,778	15.8	3,885	27.0	2,950	14.5	479	21.3	3,040	23.3	2,684	14.9	11,320	23.0	14,946	13.1	-	48.3	-	-
11/14/2025	5,202	11.0	0	821.0	5,601	26.4	4,318	15.7	5,250	19.6	6,431	26.5	3,742	14.5	16,125	24.5	25,157	12.7	-	50.1	-	-
11/15/2025	5,214	10.8	0	0.0	4,967	17.0	3,898	13.9	6,042	16.0	7,170	26.9	3,098	13.7	0	0.0	0	0.0	-	45.8	-	-
11/16/2025	5,717	10.8	0	0.0	4,655	21.9	4,199	14.8	3,151	18.3	6,487	28.9	3,366	14.1	0	0.0	0	0.0	-	40.1	-	-
11/17/2025	4,338	10.7	0	13.2	4,735	13.1	4,123	13.1	9,510	9.5	9,627	27.2	2,997	13.3	62,227	16.7	42,979	13.7	-	23.6	-	-
11/18/2025	4,908	10.6	5,035	15.3	3,908	13.0	3,532	12.4	7,076	11.7	9,173	25.7	2,742	13.4	16,047	16.2	4,561	12.4	-	15.5	-	-
11/19/2025	5,380	10.6	0	9.0	3,781	12.8	3,276	12.9	10,520	7.1	10,524	23.3	2,810	13.3	8,965	19.3	16,993	13.5	-	16.0	-	-
11/20/2025	4,521	10.6	806	10.8	3,505	12.9	3,288	12.9	7,758	10.7	9,216	20.5	2,705	13.4	16,805	17.2	2,369	12.5	-	13.6	-	-
11/21/2025	3,859	10.7	0	11.0	3,463	12.8	4,374	12.7	10,124	7.6	10,517	17.1	2,619	13.4	10,015	20.3	17,026	13.6	-	14.7	-	-
11/22/2025	4,015	10.7	0	0.0	3,424	12.8	3,244	12.4	9,250	9.4	6,577	16.2	2,652	13.4	0	0.0	0	0.0	-	13.8	-	-
11/23/2025	3,517	10.8	6,277	0.0	3,819	16.0	3,261	12.7	5,536	13.1	6,258	17.5	2,621	13.7	0	0.0	0	0.0	-	13.5	-	-
11/24/2025	3,896	10.7	0	4.0	4,095	18.0	2,365	13.1	6,764	13.4	6,758	15.1	2,790	13.9	43,438	21.3	40,542	13.6	-	14.3	-	-
11/25/2025	4,111	10.7	0	6.9	4,150	13.0	3,257	12.8	10,060	9.4	6,286	16.3	2,632	13.4	17,346	17.8	4,154	12.2	-	16.3	-	-
11/26/2025	4,202	10.8	0	7.9	4,609	13.1	4,355	12.5	8,125	8.9	6,365	16.5	2,965	13.3	21,358	14.4	24,457	11.1	-	11.8	-	-
11/27/2025	5,613	10.7	0	0.0	4,685	12.9	3,324	12.3	4,424	11.0	6,082	16.1	1,524	15.1	0	0.0	0	0.0	-	13.9	-	-
11/28/2025	2,835	11.1	0	11.0	3,319	27.6	2,501	14.6	463	20.0	4,319	18.0	3,156	18.3	34,701	22.4	40,018	14.7	-	22.3	-	-
11/29/2025	5,658	11.0	21	0.0	5,409	27.7	4,523	16.6	3,445	20.0	6,800	18.6	4,257	15.4	0	0.0	0	0.0	-	19.9	-	-
11/30/2025	7,318	10.2	5,021	0.0	3,871	13.0	3,350	12.6	11,179	18.1	8,365	16.3	2,896	13.8	0	0.0	0	0.0	-	14.0	-	-

Summary of Leachate Volume and Depth Data
Fourth Quarter 2025
LRI Landfill, Pierce County, Washington

Date	Cell 1 Leachate Volume (GPD)	Cell 1 Leachate Level (in.)	Cell 2A Leachate Volume (GPD)	Cell 2A Leachate Level (in.)	Cell 2B Leachate Volume (GPD)	Cell 2B Leachate Level (in.)	Cell 3A Leachate Volume (GPD)	Cell 3A Leachate Level (in.)	Cell 4A Leachate Volume (GPD)	Cell 4A Leachate Level (in.)	Cell 4B Leachate Volume (GPD)	Cell 4B Leachate Level (in.)	Cell 5 Leachate Volume (GPD)	Cell 5 Leachate Level (in.)	Cell 6 Leachate Volume (GPD)	Cell 6 Leachate Level (in.)	Cell 7 Leachate Volume (GPD)	Cell 7 Leachate Level (in.)	Cell 8A Leachate Volume (GPD)	Cell 8A Leachate Level (in.)	Cell 9A Leachate Volume (GPD)	Cell 9A Leachate Level (in.)
12/1/2025	8,077	10.1	0	8.4	3,897	12.7	3,446	12.4	6,247	16.9	7,455	16.2	2,626	13.6	45,307	18.0	27,948	15.4	-	14.2	-	-
12/2/2025	5,411	10.4	0	9.9	3,598	13.1	3,387	12.6	10,736	15.2	6,369	16.5	2,697	13.6	16,864	13.2	18,916	13.8	-	13.4	-	-
12/3/2025	3,090	10.7	0	12.1	3,825	12.9	3,426	12.9	10,155	20.0	7,037	16.5	2,703	13.7	12,013	17.5	11,226	10.8	-	11.7	-	-
12/4/2025	4,951	10.7	0	14.9	4,540	13.8	2,541	13.0	5,901	15.4	7,174	16.4	2,685	13.5	15,233	13.5	5,887	14.4	-	15.1	-	-
12/5/2025	4,290	10.9	5,422	13.8	4,039	25.5	3,428	15.4	1,452	22.3	8,728	16.6	2,710	14.8	18,831	20.7	28,698	11.3	-	27.8	-	-
12/6/2025	3,911	11.1	0	0.0	4,811	29.0	3,632	15.3	560	23.4	10,182	16.2	3,237	15.4	0	0.0	0	0.0	-	31.7	-	-
12/7/2025	4,626	11.0	0	0.0	5,042	28.2	3,633	15.9	1,986	23.9	10,460	16.7	3,234	15.1	0	0.0	0	0.0	-	36.0	-	-
12/8/2025	3,039	11.5	0	12.5	3,464	22.9	2,451	15.8	109	25.3	7,747	16.6	2,406	14.8	51,782	20.1	45,442	14.9	-	41.8	-	-
12/9/2025	3,039	12.0	0	14.4	3,464	10.0	2,451	13.0	109	27.0	7,747	14.0	2,406	14.0	18,334	35.9	38,222	12.3	-	42.7	-	-
12/10/2025	3,039	12.0	0	15.4	3,464	10.0	2,451	13.0	109	27.0	7,747	14.0	2,406	14.0	23,956	33.7	18,266	13.8	-	42.7	-	-
12/11/2025	3,039	12.0	0	7.4	3,464	10.0	2,451	13.0	109	27.0	7,747	14.0	2,406	14.0	16,280	38.5	29,431	14.0	-	42.7	-	-
12/12/2025	3,039	12.0	0	10.1	3,464	10.0	2,451	13.0	109	27.0	7,747	14.0	2,406	14.0	33,785	28.7	37,496	10.5	-	42.7	-	-
12/13/2025	3,039	12.0	0	0.0	3,464	10.0	2,451	13.0	109	27.0	7,747	14.0	2,406	14.0	0	0.0	0	0.0	-	42.7	-	-
12/14/2025	3,039	12.0	0	0.0	3,464	10.0	2,451	13.0	109	27.0	7,747	14.0	2,406	14.0	0	0.0	0	0.0	-	42.7	-	-
12/15/2025	3,039	12.0	0	16.1	3,464	10.0	2,451	13.0	109	27.0	7,747	14.0	2,406	14.0	0	33.0	10,600	20.1	-	42.7	-	-
12/16/2025	2	12.9	0	17.4	7,729	11.5	9,629	12.7	942	25.7	22,918	15.1	9,974	13.2	333,877	21.9	11	22.4	-	49.6	-	-
12/17/2025	1	13.2	1	19.3	3,863	21.3	2,145	15.3	2,016	25.9	8,044	16.3	2,087	14.8	20,425	24.2	13	24.2	-	59.4	-	-
12/18/2025	0	14.0	1	19.4	3,191	48.7	4,421	17.8	8,031	23.1	4,248	23.6	2,197	17.6	3	35.0	37,959	18.1	-	59.7	-	-
12/19/2025	0	14.0	0	18.6	1,072	86.1	688	32.6	2,577	25.4	10,288	28.6	5,192	20.1	39,713	21.6	38	23.5	-	58.7	-	-
12/20/2025	0	14.0	0	0.0	4,765	84.9	4,227	29.5	45	26.1	17,842	26.7	943	17.9	0	0.0	0	0.0	-	57.3	-	-
12/21/2025	0	14.0	0	0.0	0	110.2	0	42.3	0	25.0	23,454	21.6	35	26.8	0	0.0	0	0.0	-	0.0	-	-
12/22/2025	0	14.0	0	23.0	11,864	70.9	6,224	30.0	0	24.7	11,599	15.4	8,195	25.5	48,278	20.5	7	26.9	-	0.0	-	-
12/23/2025	0	14.1	1	23.1	0	97.0	0	43.5	0	24.0	6,901	18.2	1,203	16.3	17,975	20.0	3	28.8	-	51.4	-	-
12/24/2025	1	14.5	8,265	24.8	6,902	88.7	6,023	34.7	0	26.3	4,301	25.6	5,235	16.5	12	32.4	23	28.4	-	44.4	-	-
12/25/2025	0	14.5	0	0.0	1	109.4	4	45.7	5	26.7	2	34.8	880	17.0	0	0.0	0	0.0	-	0.0	-	-
12/26/2025	10,764	12.5	1	16.5	13,726	59.5	11,377	23.0	491	27.7	15,272	37.8	1,536	23.2	0	47.7	252	31.4	-	52.9	-	-
12/27/2025	9,333	10.5	1	0.0	5,933	18.4	4,301	11.4	134	29.1	21,093	35.2	26	30.0	0	0.0	0	0.0	-	50.1	-	-
12/28/2025	7,325	10.7	6	0.0	4,040	14.2	3,419	13.4	204	29.7	20,639	32.2	28	35.7	0	0.0	0	0.0	-	41.7	-	-
12/29/2025	6,157	11.0	9	19.9	3,876	22.4	4,268	15.5	410	28.1	17,239	32.9	21	39.6	0	23.6	156,967	14.4	-	33.7	-	-
12/30/2025	8,830	10.5	9,325	21.4	3,857	19.4	3,670	13.4	1,634	27.2	20,278	30.9	13,338	27.7	15,906	17.6	25,599	14.2	-	20.4	-	-
12/31/2025	7,687	10.3	0	8.6	3,807	13.0	3,389	12.6	3,201	26.0	27,311	19.5	2,824	13.2	16,340	17.4	18,132	12.2	-	15.1	-	-

Appendix G

Stormwater Monitoring Data

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 01/01/2025 - 01/31/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-Th	**1/2/25**	3.8	7.1				
1-F	**1/3/25**	7.5	7				
2-Su	**1/5/25**	C	C	C	C	C	C
3-Su	**1/12/25**	C	C	C	C	C	C
4-Su	**1/19/25**	C	C	C	C	C	C
5-Su	**1/26/25**	C	C	C	C	C	C
Minimum			7				
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		7.5	7.1				
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge

Outfall: 001 - South Creek

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
C8-2	All Parameters		C	
C9-1	All Parameters		C	

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Sediment Trap
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Other
C9-1		Silt Fence

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kevin Green — **Signature**

2/13/2025 11:21:54 AM — **Date**

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 02/01/2025 - 02/28/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-Sa	**2/1/25**	C	M	C	M	C	M
2-Th	**2/6/25**	C	M	C	M	C	M
3-W	**2/12/25**	C	M	C	M	C	M
4-M	**2/17/25**	3.2	M	C	M	C	M
4-T	**2/18/25**	4.2	M	C	M	C	M
5-Su	**2/23/25**	6.6	M	C	M	C	M
5-W	**2/26/25**	C	M	C	M	C	M
Minimum							
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		6.6					
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Other
C8-1		Sediment Trap
C8-1		Silt Fence
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Other
C9-1		Silt Fence

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Kevin Green — **Signature**

3/13/2025 8:38:56 AM — **Date**

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 03/01/2025 - 03/31/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-Sa	**3/1/25**	C	M	C	M	C	M
2-W	**3/5/25**	C	M	C	M	C	M
3-M	**3/10/25**	2.0	7.3	C	M	C	M
3-Sa	**3/15/25**	4.0	7.4	C	M	C	M
4-W	**3/19/25**	C	M	C	M	C	M
5-M	**3/24/25**	3.3	7.2	C	M	C	M
5-Th	**3/27/25**	3.8	7.5	C	M	C	M
6-M	**3/31/25**	C	M	C	M	C	M
Minimum			7.2				
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		4	7.5				
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Other
C8-1		Sediment Trap
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Other
C9-1		Silt Fence

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George Duvendack — **Signature**

4/4/2025 2:09:57 PM — **Date**

Washington State Department of Ecology — Discharge Monitoring Report (DMR)

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 04/01/2025 - 04/30/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-Th	**4/3/25**	C	M	C	M	C	M
2-W	**4/9/25**	C	M	C	M	C	M
3-Su	**4/13/25**	C	M	C	M	C	M
3-T	**4/15/25**	7.6	M				
4-W	**4/23/25**	C	M	C	M	C	M
5-T	**4/29/25**	C	M	C	M	C	M
Minimum			M		M		M
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		7.6	M	C	M	C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Other
C8-1		Silt Fence
C8-1		Temporary Sediment Pond
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Silt Fence

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George Duvendack — **Signature**

5/7/2025 3:55:30 PM — **Date**

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 05/01/2025 - 05/31/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-Th	**5/1/25**	C	C	C	C	C	C
2-Su	**5/4/25**	C	C	C	C	C	C
3-Su	**5/11/25**	C	C	C	C	C	C
4-Su	**5/18/25**	C	C	C	C	C	C
5-Su	**5/25/25**	C	C	C	C	C	C
Minimum							
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum							
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge

Overall DMR Notes/Comment

Reporting Code: C - No Discharge

Outfall: 001 - South Creek

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
C8-2	All Parameters		C	
C9-1	All Parameters		C	

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Other
C8-1		Silt Fence
C8-1		Temporary Sediment Pond
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Other
C9-1		Silt Fence

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George Duvendack — **Signature**

6/10/2025 7:49:28 AM — **Date**

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002557 **Permittee:** LRI - 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** Discharge from SW pond

Monitoring Period: 04/01/2025 - 06/30/2025 **Outfall:** SWPO - Discharge from SW pond **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	PFOA Nanograms/L (ng/L) Quarterly Grab	PFOS Nanograms/L (ng/L) Quarterly Grab	Perfluorohexanesulfonic acid (PFHxS) Nanograms/L (ng/L) Quarterly Grab	PFNA Nanograms/L (ng/L) Quarterly Grab	HFPO-DA Nanograms/L (ng/L) Quarterly Grab	PFBS Nanograms/L (ng/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit
5-W	4/30/25	1.9	7.4	No	4.8	J|3.3	31	3.3	J|0.77	2.4	B|1.3	15
Minimum			7.4									
			BM: >= 5.0 (RO)									
Average		1.9			4.8	J|3.3	31	3.3	J|0.77	2.4	B|1.3	15
		BM: <= 25			BM: <= 14	BM: <= 117						
Maximum			7.4									
			BM: <= 9.0 (RO)									
Month 1 Average												
Month 2 Average												
Month 3 Average												

Reporting Codes Used: B - Below Detection Limit/No Detection, J - Estimated Value/Below Quantitation Limit

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Duvendack
Signature

7/8/2025 1:18:43 PM
Date

Week	Monitoring Point	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Micrograms/L (ug/L) Quarterly Grab	4-methylphenol (p-cresol) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,.alpha.,alpha.,4-trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Phenol Micrograms/L (ug/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit
5-W	4/30/25	2.1	3.3	B|0.3	1.3	B|49	B|9.8	B|9.8
Minimum								
Average								
Maximum								
Month 1 Average		2.1	3.3	B|0.3	1.3	B|49	B|9.8	B|9.8
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 2 Average		2.1	3.3	B|0.3	1.3	B|49	B|9.8	B|9.8
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 3 Average		2.1	3.3	B|0.3	1.3	B|49	B|9.8	B|9.8
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 07/01/2025 - 07/31/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-T	**7/1/25**	C	C	C	C	C	C
2-Su	**7/6/25**	C	C	C	C	C	C
3-Su	**7/13/25**	C	C	C	C	C	C
4-Su	**7/20/25**	C	C	C	C	C	C
5-Su	**7/27/25**	C	C	C	C	C	C
Minimum			C		C		C
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		C	C	C	C	C	C
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge

Outfall: 001 - South Creek

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
C8-1	All Parameters		C	
C8-2	All Parameters		C	
C9-1	All Parameters		C	

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Other
C8-1		Silt Fence
C8-1		Temporary Sediment Pond
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Other
C9-1		Silt Fence

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Duvendack
Signature

8/18/2025 10:44:28 AM
Date

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 08/01/2025 - 08/31/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-F	**8/1/25**	C	C	C	C	C	C
2-Su	**8/3/25**	C	C	C	C	C	C
3-Su	**8/10/25**	C	C	C	C	C	C
4-Su	**8/17/25**	C	C	C	C	C	C
5-Su	**8/24/25**	C	C	C	C	C	C
6-Su	**8/31/25**	C	C	C	C	C	C
Minimum							
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum							
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge

Overall DMR Notes/Comment

Reporting Code: C - No Discharge

Outfall: 001 - South Creek

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
C8-1	All Parameters		C	
C8-2	All Parameters		C	
C9-1	All Parameters		C	

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Other
C8-1		Silt Fence
C8-1		Temporary Sediment Pond
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Other
C9-1		Silt Fence

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Duvendack

Signature

9/15/2025 10:21:21 AM

Date

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002557 **Permittee:** LRI - 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** Discharge from SW pond

Monitoring Period: 07/01/2025 - 09/30/2025 **Outfall:** SWPO - Discharge from SW pond **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Weasured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	PFOA Nanograms/L (ng/L) Quarterly Grab	PFOS Nanograms/L (ng/L) Quarterly Grab	Perfluorohexanesulfonic acid (PFHxS) Nanograms/L (ng/L) Quarterly Grab	PFNA Nanograms/L (ng/L) Quarterly Grab	HFPO-DA Nanograms/L (ng/L) Quarterly Grab	PFBS Nanograms/L (ng/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit
14-T	9/30/25	C	C	C	C	C	C	C	C	C	C	C
Minimum			C									
			BM: >= 5.0 (RO)									
Average		C			C	C	C	C	C	C	C	C
		BM: <= 25			BM: <= 14	BM: <= 117						
Maximum			C									
			BM: <= 9.0 (RO)									
Month 1 Average												
Month 2 Average												
Month 3 Average												

Reporting Codes Used: C - No Discharge

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Duvendack
Signature

10/14/2025 6:16:28 AM
Date

Week	Monitoring Point	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Micrograms/L (ug/L) Quarterly Grab	4-methylphenol (p-cresol) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,.alpha.,alpha.,4-trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Phenol Micrograms/L (ug/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit
14-T	9/30/25	C	C	C	C	C	C	C
Minimum								
Average								
Maximum								
Month 1 Average		C	C	C	C	C	C	C
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 2 Average		C	C	C	C	C	C	C
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 3 Average		C	C	C	C	C	C	C
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 10/01/2025 - 10/31/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-W	**10/1/25**	C	C	C	C	C	C
2-Su	**10/5/25**	C	C	C	C	C	C
3-Su	**10/12/25**	C	C	C	C	C	C
4-Su	**10/19/25**	C	C	C	C	C	C
5-Su	**10/26/25**	C	C	C	C	C	C
Minimum			C		C		C
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		C	C	C	C	C	C
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Other
C8-1		Silt Fence
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Other
C9-1		Silt Fence

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jose Camacho — **Signature**

11/13/2025 1:46:16 PM — **Date**

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 11/01/2025 - 11/30/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-Sa	**11/1/25**	C	C	C	C	C	C
2-Su	**11/2/25**	C	C				
2-M	**11/3/25**	8.3	M				
2-T	**11/4/25**	8.5	M				
2-W	**11/5/25**	1.6	M	C	C	C	C
2-Th	**11/6/25**	8.3	M				
2-F	**11/7/25**	4	M				
2-Sa	**11/8/25**	C	C				
3-Su	**11/9/25**	C	C				
3-M	**11/10/25**	C	C				
3-T	**11/11/25**	8.9	M	C	C	C	C
3-W	**11/12/25**	C	C				
3-Th	**11/13/25**	C	C				
3-F	**11/14/25**	3.9	M				
3-Sa	**11/15/25**	2.5	M				
4-Su	**11/16/25**	C	C				
4-M	**11/17/25**	C	C				
4-T	**11/18/25**	C	C				
4-W	**11/19/25**	7.4	M				
4-Th	**11/20/25**	C	C	C	C	C	C
4-F	**11/21/25**	C	C				
4-Sa	**11/22/25**	C	C				
5-Su	**11/23/25**	8.3	M				
5-M	**11/24/25**	9.5	M				
5-T	**11/25/25**	C	C	C	C	C	C
5-W	**11/26/25**	7.4	M				
5-Th	**11/27/25**	7.8	M				
5-F	**11/28/25**	7.5	M				
5-Sa	**11/29/25**	7.4	M				
6-Su	**11/30/25**	C	C	C	C	C	C
Minimum			M		C		C
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		9.5	M	C	C	C	C
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Sediment Trap
C8-1		Silt Fence
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Other

C9-1		Silt Fence

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Jose Camacho
Signature

12/8/2025 10:22:04 AM
Date

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002603 **Permittee:** LRI 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** South Creek

Monitoring Period: 12/01/2025 - 12/31/2025 **Outfall:** 001 - South Creek **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C8-1	C8-1	C8-2	C8-2	C9-1	C9-1
1-M	**12/1/25**	C	C	C	C	C	C
2-Su	**12/7/25**	C	C	C	C	C	C
3-Su	**12/14/25**	C	C	4	M	C	C
3-M	**12/15/25**	C	C	C	C		
3-T	**12/16/25**	3.9	M				
3-W	**12/17/25**	3.1	M				
3-Th	**12/18/25**	2.3	M				
3-F	**12/19/25**	0.5	M				
3-Sa	**12/20/25**	1.3	M				
4-Su	**12/21/25**	C	C	C	C	C	C
5-Su	**12/28/25**	C	C	C	C	C	C
Minimum			M		M		C
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		9.3	M	88	M	C	C
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
C8-1		Check Dams
C8-1		Construction Stormwater Chemical Treatment
C8-1		Sediment Trap
C8-1		Silt Fence
C8-2		Check Dams
C8-2		Other
C8-2		Silt Fence
C9-1		Check Dams
C9-1		Other
C9-1		Silt Fence

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Jose Camacho
Signature

1/8/2026 2:44:06 PM
Date

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002557 **Permittee:** LRI - 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** Discharge from SW pond

Monitoring Period: 01/01/2025 - 03/31/2025 **Outfall:** SWPO - Discharge from SW pond **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Weasured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	PFOA Nanograms/L (ng/L) Quarterly Grab	PFOS Nanograms/L (ng/L) Quarterly Grab	Perfluorohexanesulfonic acid (PFHxS) Nanograms/L (ng/L) Quarterly Grab	PFNA Nanograms/L (ng/L) Quarterly Grab	HFPO-DA Nanograms/L (ng/L) Quarterly Grab	PFBS Nanograms/L (ng/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit
8-M	2/17/25	3.5	7.8	No	6.2	13	B|1.6	B|1.6	B|1.6	B|1.6	B|1.2	B|1.6
Minimum			7.8									
			BM: >= 5.0 (RO)									
Average		3.5			6.2	13	B|1.6	B|1.6	B|1.6	B|1.6	B|1.2	B|1.6
		BM: <= 25			BM: <= 14	BM: <= 117						
Maximum			7.8									
			BM: <= 9.0 (RO)									
Month 1 Average												
Month 2 Average												
Month 3 Average												

Reporting Codes Used: B - Below Detection Limit/No Detection, J - Estimated Value/Below Quantitation Limit

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George Duvendack

Signature

5/7/2025 3:51:31 PM

Date

Week	Monitoring Point	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Micrograms/L (ug/L) Quarterly Grab	4-methylphenol (p-cresol) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,.alpha.,alpha.,4-trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Phenol Micrograms/L (ug/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit
8-M	**2/17/25**	B|2	2.9	J|0.25	B|5.8	B|50	B|10	B|10
Minimum								
Average								
Maximum								
Month 1 Average		B|2	2.9	J|0.25	B|5.8	B|50	B|10	B|10
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 2 Average		B|2	2.9	J|0.25	B|5.8	B|50	B|10	B|10
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 3 Average		B|2	2.9	J|0.25	B|5.8	B|50	B|10	B|10
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002557 **Permittee:** LRI - 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** Discharge from SW pond

Monitoring Period: 04/01/2025 - 06/30/2025 **Outfall:** SWPO - Discharge from SW pond **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	PFOA Nanograms/L (ng/L) Quarterly Grab	PFOS Nanograms/L (ng/L) Quarterly Grab	Perfluorohexanesulfonic acid (PFHxS) Nanograms/L (ng/L) Quarterly Grab	PFNA Nanograms/L (ng/L) Quarterly Grab	HFPO-DA Nanograms/L (ng/L) Quarterly Grab	PFBS Nanograms/L (ng/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit
5-W	4/30/25	1.9	7.4	No	4.8	J|3.3	31	3.3	J|0.77	2.4	B|1.3	15
Minimum			7.4									
			BM: >= 5.0 (RO)									
Average		1.9			4.8	J|3.3	31	3.3	J|0.77	2.4	B|1.3	15
		BM: <= 25			BM: <= 14	BM: <= 117						
Maximum			7.4									
			BM: <= 9.0 (RO)									
Month 1 Average												
Month 2 Average												
Month 3 Average												

Reporting Codes Used: B - Below Detection Limit/No Detection, J - Estimated Value/Below Quantitation Limit

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Duvendack
Signature

7/8/2025 1:18:43 PM
Date

Week	Monitoring Point	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Micrograms/L (ug/L) Quarterly Grab	4-methylphenol (p-cresol) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,.alpha.,alpha.,4-trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Phenol Micrograms/L (ug/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit
5-W	4/30/25	2.1	3.3	B|0.3	1.3	B|49	B|9.8	B|9.8
Minimum								
Average								
Maximum								
Month 1 Average		2.1	3.3	B|0.3	1.3	B|49	B|9.8	B|9.8
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 2 Average		2.1	3.3	B|0.3	1.3	B|49	B|9.8	B|9.8
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 3 Average		2.1	3.3	B|0.3	1.3	B|49	B|9.8	B|9.8
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002557 **Permittee:** LRI - 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** Discharge from SW pond

Monitoring Period: 07/01/2025 - 09/30/2025 **Outfall:** SWPO - Discharge from SW pond **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Weasured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	PFOA Nanograms/L (ng/L) Quarterly Grab	PFOS Nanograms/L (ng/L) Quarterly Grab	Perfluorohexanesulfonic acid (PFHxS) Nanograms/L (ng/L) Quarterly Grab	PFNA Nanograms/L (ng/L) Quarterly Grab	HFPO-DA Nanograms/L (ng/L) Quarterly Grab	PFBS Nanograms/L (ng/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit
14-T	9/30/25	C	C	C	C	C	C	C	C	C	C	C
Minimum			C									
			BM: >= 5.0 (RO)									
Average		C			C	C	C	C	C	C	C	C
		BM: <= 25			BM: <= 14	BM: <= 117						
Maximum			C									
			BM: <= 9.0 (RO)									
Month 1 Average												
Month 2 Average												
Month 3 Average												

Reporting Codes Used: C - No Discharge

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George Duvendack
Signature

10/14/2025 6:16:28 AM
Date

Week	Monitoring Point	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Micrograms/L (ug/L) Quarterly Grab	4-methylphenol (p-cresol) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,.alpha.,alpha.,4-trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Phenol Micrograms/L (ug/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit
14-T	9/30/25	C	C	C	C	C	C	C
Minimum								
Average								
Maximum								
Month 1 Average		C	C	C	C	C	C	C
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 2 Average		C	C	C	C	C	C	C
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 3 Average		C	C	C	C	C	C	C
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15

Washington State Department of Ecology **Discharge Monitoring Report (DMR)**

Permit Number: WAR002557 **Permittee:** LRI - 304th Street Landfill

Facility County: Pierce **Receiving Waterbody:** Discharge from SW pond

Monitoring Period: 10/01/2025 - 12/31/2025 **Outfall:** SWPO - Discharge from SW pond **Version:** 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	PFOA Nanograms/L (ng/L) Quarterly Grab	PFOS Nanograms/L (ng/L) Quarterly Grab	Perfluorohexanesulfonic acid (PFHxS) Nanograms/L (ng/L) Quarterly Grab	PFNA Nanograms/L (ng/L) Quarterly Grab	HFPO-DA Nanograms/L (ng/L) Quarterly Grab	PFBS Nanograms/L (ng/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Western WA - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit	ISGP Waste Management & Remediation Services - 2025 Permit
6-W	**11/5/25**	9.9	7.2	No	11	17	55	4.6	1.7	3.7	1.2	17
Minimum			7.2									
			BM: >= 5.0 (RO)									
Average		9.9			11	17	55	4.6	B|1.7	3.7	B|1.2	17
		BM: <= 25			BM: <= 14	BM: <= 117						
Maximum			7.2									
			BM: <= 9.0 (RO)									
Month 1 Average												
Month 2 Average												
Month 3 Average												

Reporting Codes Used: B - Below Detection Limit/No Detection

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jose Camacho
Signature

1/6/2026 10:45:58 AM
Date

Week	Monitoring Point	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Micrograms/L (ug/L) Quarterly Grab	4-methylphenol (p-cresol) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,.alpha.,alpha.,4-trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Phenol Micrograms/L (ug/L) Quarterly Grab
		SWPO	SWPO	SWPO	SWPO	SWPO	SWPO	SWPO
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2025 permit
6-W	**11/5/25**	6.3	8.6	0.42	2.4	51	10	10
Minimum								
Average								
Maximum								
Month 1 Average		6.3	8.6	0.42	B|2.4	B|51	B|10	B|10
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 2 Average		6.3	8.6	0.42	B|2.4	B|51	B|10	B|10
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15
Month 3 Average		6.3	8.6	0.42	B|2.4	B|51	B|10	B|10
		<= 37	<= 27	<= 4.9	<= 14	<= 71	<= 16	<= 15

Appendix H

Landfill Gas Monitoring Data

Table H-1. 2025 Landfill Gas Probe Monitoring Summary
Methane (% vol.)
LRI Landfill, Pierce County, Washington

Gas Probe ID	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LRI-GP01	9.1	12.6	21.3	19.9	0.0	0.1	0.0	19.8	9.4	17.4	31.6	28.4
LRI-GP02	2.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	6.2	0.0
LRI-GP03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LRI-GP04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LRI-GP09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0
LRI-GP10B	19.1	15.8	31.9	22.4	0.6	13.1	9.5	2.9	3.3	0.0	5.5	8.2
LRI-GP10A	0.4	0.4	16.7	9.5	20.0	14.9	0.0	0.0	0.1	4.2	32.0	38.1
LRI-GP11	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
LRI-GP12	6.0	8.3	10.7	0.0	16.4	13.4	1.6	0.0	0.0	0.0	0.0	0.1
LRI-GP13	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
LRI-GP14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LRI-GP15	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.4	0.0	0.0
LRI-GP16	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LRI-GP17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LRI-GP18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
LRI-GP19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LRI-GP20	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LRI-GP21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

January-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			0.00	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	1/17/2025	9:40	0.00	17.8	9.1	6.2	19.2	65.5	13.1	3.1	61.2	
GP-2	1/17/2025	9:40	0.00	--	2.9	15.5	0.0	81.6	15.6	0.0	0.0	
GP-3	1/17/2025	9:40	0.00	--	0.0	3.3	17.7	79.0	9.3	4.4	87.2	
GP-4	1/17/2025	9:40	0.00	--	0.0	5.1	13.5	81.4	9.5	0.0	0.0	
GP-9	1/17/2025	9:40	0.00	--	0.0	9.0	6.1	84.9	10.9	0.0	0.0	
GP-10	1/17/2025	9:40	0.00	--	19.1	28.3	0.0	52.6				
GP-10P	1/17/2025	9:40	0.00	5.6	0.4	10.3	13.2	76.1				
GP-11	1/17/2025	9:40	0.00	--	1.4	11.9	11.3	75.4				
GP-12	1/17/2025	9:40	0.00	--	6.0	39.0	0.0	55.0				
GP-13	1/17/2025	9:40	0.00	--	0.1	0.9	21.2	77.8				
GP-14	1/17/2025	9:40	0.00	--	0.0	4.0	17.1	78.9	15.7	0.4	8.6	
GP-15	1/17/2025	9:40	0.00	--	2.7	49.2	0.0	48.1	16.6	0.9	18.8	
GP-16	1/17/2025	9:40	0.00	--	0.1	0.2	22.4	77.3	19.4	12.0	80.1	
GP-17	1/17/2025	9:40	0.0	--	0.0	0.2	21.5	78.3	5.8	0.0	0.0	
GP-18	1/17/2025	9:40	0.0	--	0.0	0.1	21.7	78.2	4.0	0.0	0.0	
GP-19	1/17/2025	9:40	0.0	--	0.0	1.5	20.8	77.7	8.1	0.0	0.0	
GP-20	1/17/2025	9:40	0.0	0.2	0.1	0.6	20.2	79.1	20.0	5.0	100.0	
GP-21	1/17/2025	9:40	0.0	--	0.0	0.3	21.4	78.3	20.0	5.0	100.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	1/17/2025
Starting Time:	9:40
Finishing Date:	1/17/2025
Finishing Time:	9:40
Monitored by:	AD
Instruments:	Elkins Envision
Calibration Date:	1/17/2025

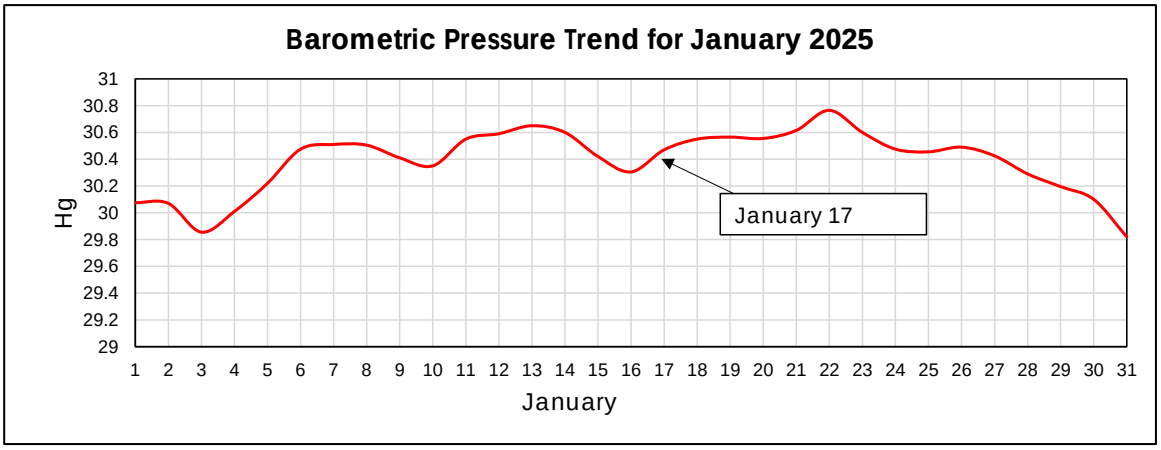
Headings:

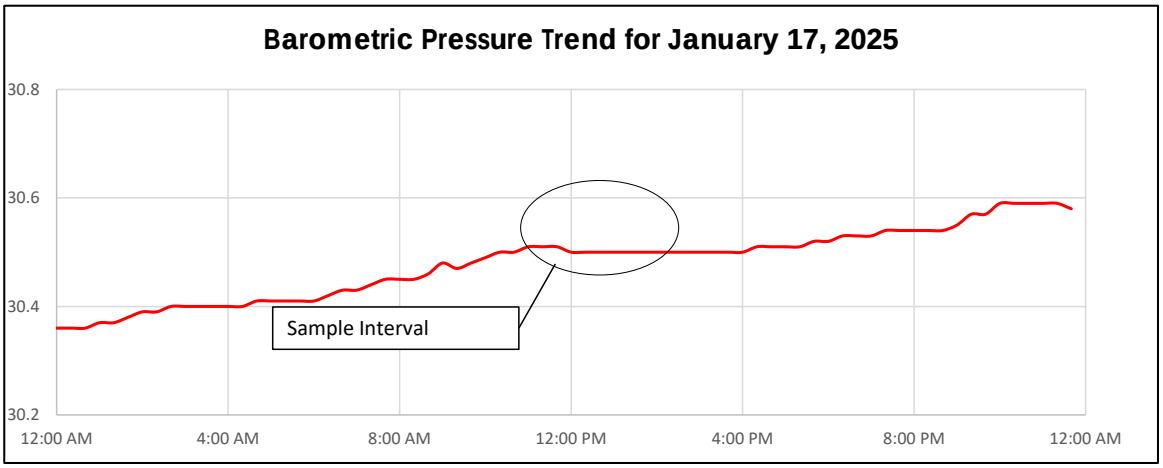
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - January 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-01-17/2025-01-17/monthly

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-01-17/2025-01-17/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

February-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			1.63	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	2/14/2025	9:00	-0.05	17.8	12.6	19.8	15.0	52.6	13.8	3.8	76.0	
GP-2	2/14/2025	9:00	-0.07	--	0.6	13.8	0.0	85.6	15.8	0.0	0.0	
GP-3	2/14/2025	9:00	-0.08	--	0.0	4.4	17.8	77.8	9.4	4.5	89.6	
GP-4	2/14/2025	9:00	-0.09	--	0.0	5.5	10.5	84.0	9.7	0.0	0.0	
GP-9	2/14/2025	9:00	-0.18	--	0.0	7.7	4.9	87.4	11.6	0.0	0.0	
GP-10	2/14/2025	9:00	-0.08	--	15.8	28.7	0.0	55.5				
GP-10P	2/14/2025	9:00	-0.09	5.6	0.4	9.4	17.2	73.0				
GP-11	2/14/2025	9:00	-0.22	--	1.4	16.2	6.9	75.5				
GP-12	2/14/2025	9:00	1.63	--	8.3	36.4	6.0	49.3				
GP-13	2/14/2025	9:00	-0.14	--	0.1	6.9	18.2	74.8				
GP-14	2/14/2025	9:00	-0.24	--	0.0	1.8	21.5	76.7	11.8	0.0	0.0	
GP-15	2/14/2025	9:00	-0.09	--	2.7	0.8	22.2	74.3	15.9	0.3	6.0	
GP-16	2/14/2025	9:00	-0.10	--	0.1	0.6	20.8	78.5	19.7	12.4	82.5	
GP-17	2/14/2025	9:00	-0.1	--	0.0	2.6	21.7	75.7	6.0	0.0	0.0	
GP-18	2/14/2025	9:00	-0.1	--	0.0	1.5	21.8	76.7	3.7	0.0	0.0	
GP-19	2/14/2025	9:00	-0.1	--	0.0	0.6	21.5	77.9	6.1	0.0	0.0	
GP-20	2/14/2025	9:00	0.0	0.2	0.1	2.0	22.0	75.9	6.4	0.0	0.0	
GP-21	2/14/2025	9:00	-0.1	--	0.0	3.9	21.0	75.1	9.4	0.0	0.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	2/14/2025
Starting Time:	9:00
Finishing Date:	2/14/2025
Finishing Time:	9:00
Monitored by:	AD
Instruments:	Elkins Envision
Calibration Date:	2/14/2025

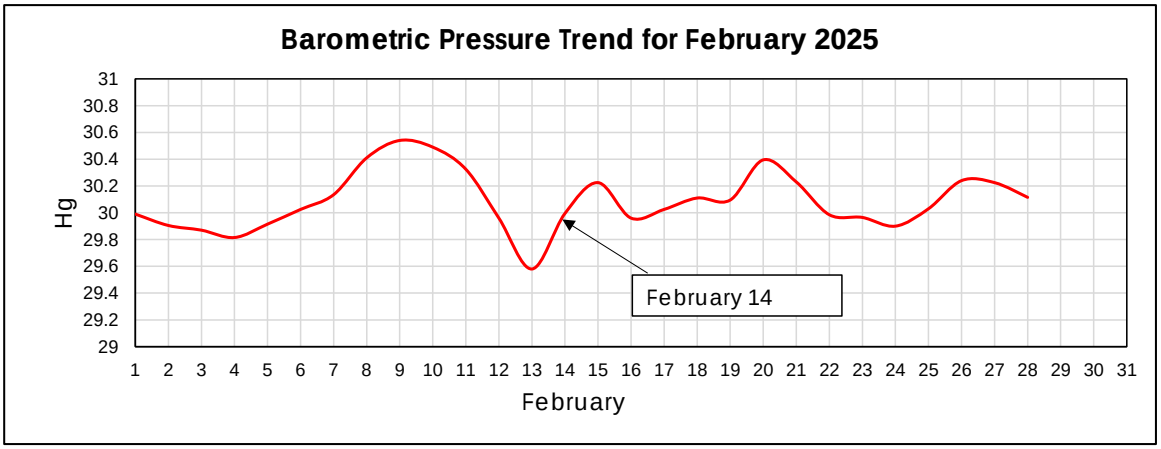
Headings:

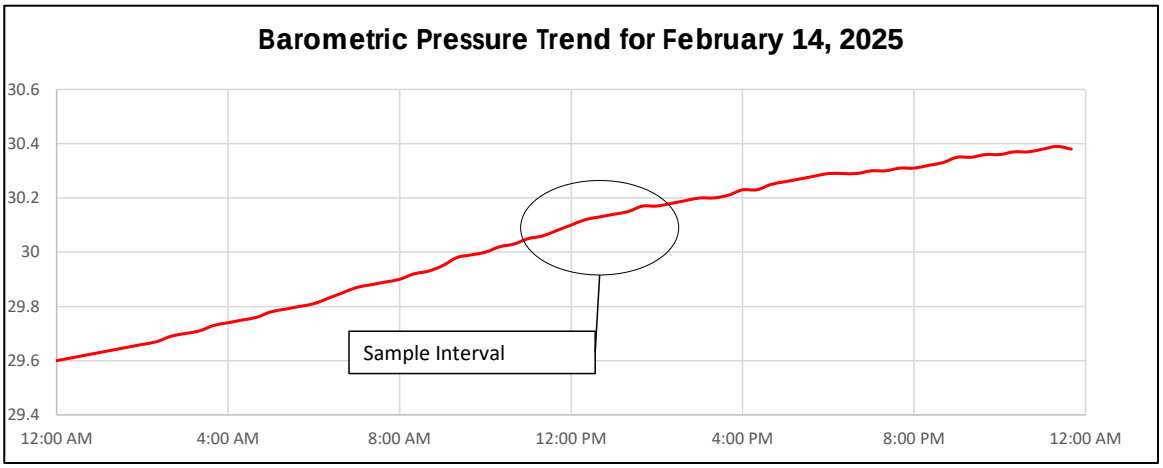
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - February 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-02-14/2025-02-14/monthly

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-02-14/2025-02-14/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

March-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*: CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)	Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*: (ft)	(%)	Comments
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			0.17	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	3/11/2025	10:22	0.17	36.0	21.3	33.5	10.1	35.1	13.9	3.9	78.2	
GP-2	3/11/2025	10:07	0.00	--	0.1	14.3	0.0	85.6	15.4	0.0	0.0	
GP-3	3/11/2025	9:55	0.00	--	0.0	3.2	18.5	78.3	8.9	4.0	80.8	
GP-4	3/11/2025	9:51	-0.01	--	0.0	1.2	20.4	78.4	9.1	0.0	0.0	
GP-9	3/11/2025	9:47	0.03	--	0.0	7.3	8.6	84.1	10.5	0.0	0.0	
GP-10	3/26/2025	8:35	0.01	--	31.9	31.0	0.0	37.1				
GP-10P	3/26/2025	8:35	-0.01	18.0	16.7	27.4	0.1	55.8				
GP-11	3/11/2025	10:42	-0.23	--	0.0	17.0	6.9	76.1				
GP-12	3/11/2025	10:51	-0.14	--	10.7	33.2	0.0	56.1				
GP-13	3/11/2025	10:57	0.03	--	0.0	23.3	3.9	72.8				
GP-14	3/11/2025	11:18	-0.07	--	0.0	0.6	21.0	78.4	10.7	0.0	0.0	
GP-15	3/11/2025	11:23	0.15	--	0.0	0.5	21.2	78.3	14.8	0.0	0.0	
GP-16	3/11/2025	9:41	0.00	--	0.0	0.4	22.3	77.3	19.0	11.6	77.5	
GP-17	3/11/2025	10:12	0.0	--	0.0	0.8	22.4	76.8	4.9	0.0	0.0	
GP-18	3/11/2025	10:01	0.0	--	0.0	0.3	22.6	77.1	3.5	0.0	0.0	
GP-19	3/11/2025	13:25	0.0	--	0.0	0.5	21.7	77.8	5.4	0.0	0.0	
GP-20	3/11/2025	11:10	0.0	0.2	0.0	0.4	21.3	78.3	4.6	0.0	0.0	
GP-21	3/11/2025	11:02	0.0	--	0.0	1.1	21.0	77.9	5.6	0.0	0.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	3/11/2025
Starting Time:	9:41
Finishing Date:	3/26/2025
Finishing Time:	8:35
Monitored by:	AD
Instruments:	Elkins Envision
Calibration Date:	3/11/2025

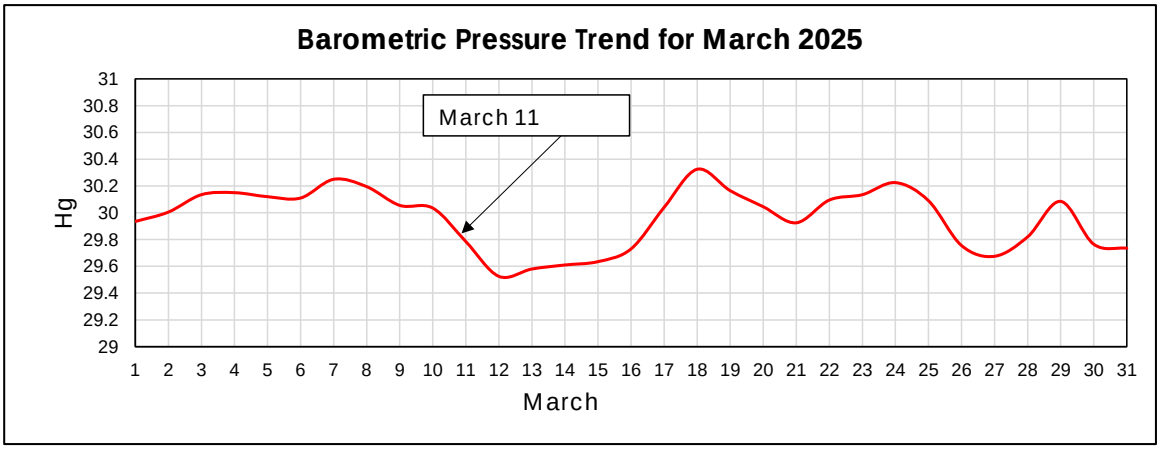
Headings:

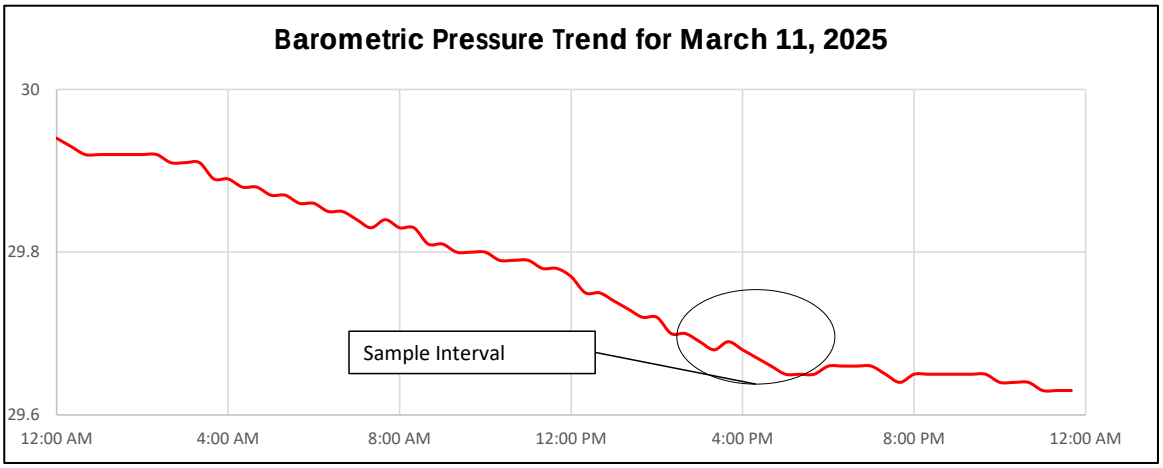
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - March 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-03-11/2025-03-11/monthly

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-03-11/2025-03-11/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

April-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			0.17	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	4/14/2025	8:00	0.17	19.9	19.9	38.7	1.4	40.0	13.7	3.7	74.6	
GP-2	4/14/2025	9:00	0.00	--	0.0	14.4	5.1	80.5	5.8	0.0	0.0	
GP-3	4/14/2025	9:00	0.00	--	0.0	3.5	17.8	78.7	8.4	3.5	70.0	
GP-4	4/14/2025	9:00	-0.01	--	0.0	2.7	17.9	79.4	9.5	0.0	0.0	
GP-9	4/14/2025	9:00	0.03	--	0.0	6.3	14.5	79.2	11.3	0.0	0.0	
GP-10	4/14/2025	9:00	0.01	22.6	22.4	27.8	0.4	49.4				
GP-10P	4/14/2025	9:00	-0.01	9.9	9.5	2.3	4.2	84.0				
GP-11	4/14/2025	9:00	-0.23	--	0.0	14.6	14.2	71.2				
GP-12	4/14/2025	9:00	-0.14	--	0.0	0.5	20.4	79.1				
GP-13	4/14/2025	9:00	0.03	--	0.0	0.6	20.4	79.0				
GP-14	4/14/2025	9:00	-0.07	--	0.0	0.5	21.0	78.5	10.9	0.0	0.0	
GP-15	4/14/2025	9:00	0.15	--	0.0	0.3	21.3	78.4	14.5	0.0	0.0	
GP-16	4/14/2025	9:00	0.00	--	0.0	6.9	15.8	77.3	18.7	11.3	75.3	
GP-17	4/14/2025	9:00	0.0	--	0.0	0.4	18.7	80.9	5.4	0.0	0.0	
GP-18	4/14/2025	9:00	0.0	--	0.0	0.2	20.2	79.6	4.0	0.0	0.0	
GP-19	4/14/2025	9:00	0.0	--	0.0	0.5	20.8	78.7	5.9	0.0	0.0	
GP-20	4/14/2025	9:00	0.0	--	0.0	0.1	20.6	79.3	4.4	0.0	0.0	
GP-21	4/14/2025	10:15	0.0	--	0.0	0.2	20.3	79.5	4.5	0.0	0.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	4/14/2025
Starting Time:	8:00
Finishing Date:	4/14/2025
Finishing Time:	10:15
Monitored by:	TWH
Instruments:	Elkins Envision
Calibration Date:	4/14/2025

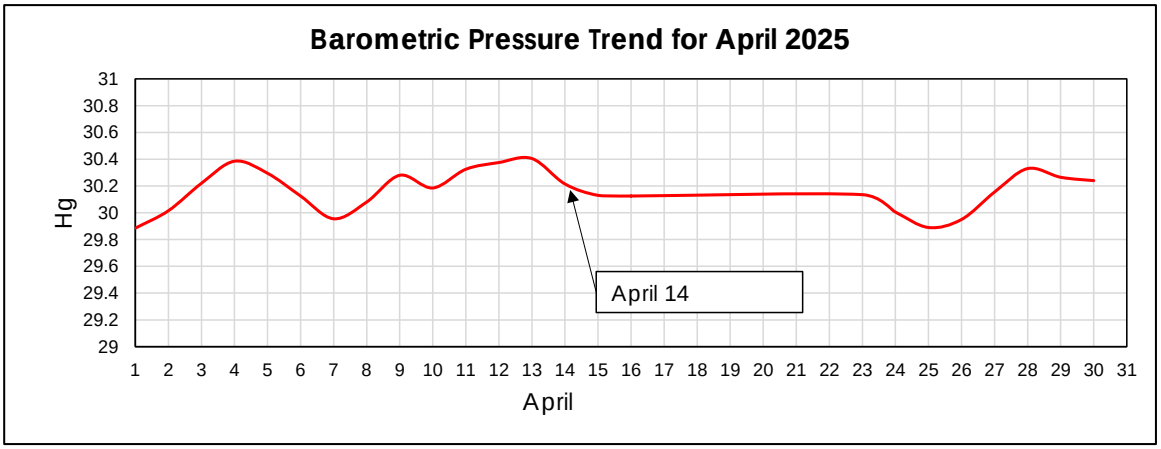
Headings:

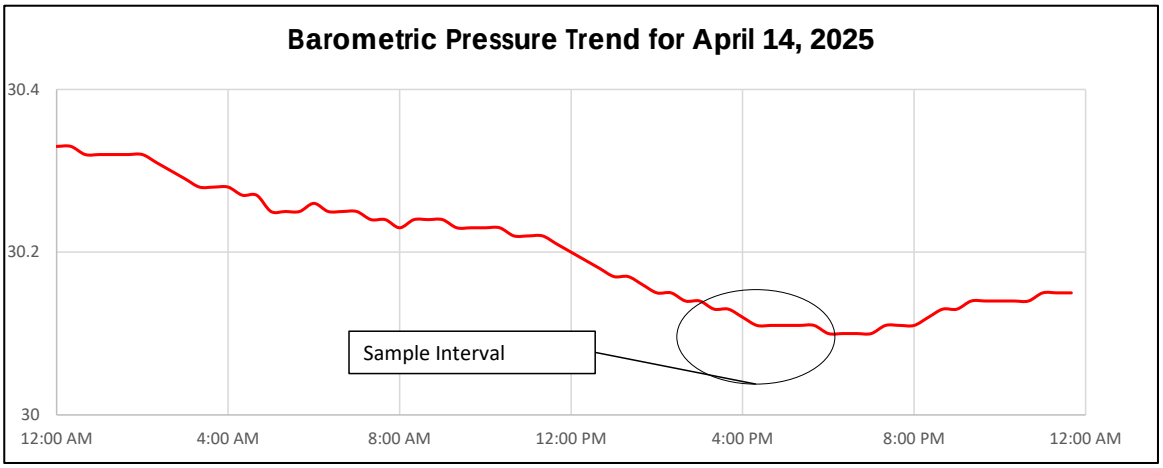
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - April 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-04-14/2025-04-14/monthly

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-04-14/2025-04-14/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

May-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			0.03	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	5/20/2025	11:01	0.03	20.6	0.0	0.8	21.1	78.1	14.0	4.0	80.0	
GP-2	5/20/2025	11:15	0.00	--	0.0	13.7	0.2	86.1	15.9	0.0	0.0	
GP-3	5/20/2025	11:28	0.00	--	0.0	2.6	17.4	80.0	8.9	4.0	79.2	
GP-4	5/20/2025	11:36	0.01	--	0.0	6.1	10.8	83.1	9.9	0.1	2.0	
GP-9	5/20/2025	11:41	0.01	--	0.0	6.7	7.1	86.2	11.7	0.0	0.0	
GP-10	5/20/2025	10:30	0.01	0.6	0.6	20.3	4.0	75.1				
GP-10P	5/20/2025	10:47	0.00	20.0	20.0	32.4	0.0	47.6				
GP-11	5/20/2025	10:17	-1.12	0.2	0.0	21.4	2.7	75.9				
GP-12	5/20/2025	9:50	-6.04	18.9	16.4	38.2	0.0	45.4				
GP-13	5/20/2025	8:49	0.00	--	0.0	23.1	3.1	73.8				
GP-14	5/20/2025	8:11	-1.06	0.1	0.0	0.6	21.8	77.6	12.4	0.0	0.0	
GP-15	5/20/2025	8:06	-0.05	0.3	0.0	1.0	21.3	77.7	16.0	0.4	7.6	
GP-16	5/20/2025	11:47	0.01	--	0.0	0.3	20.8	78.9	19.7	12.3	82.0	
GP-17	5/20/2025	11:09	0.0	--	0.0	0.1	21.3	78.6	6.8	0.0	0.0	
GP-18	5/20/2025	11:21	0.0	--	0.0	0.5	21.0	78.5	5.0	0.0	0.0	
GP-19	5/20/2025	12:31	0.0	--	0.0	0.1	20.8	79.1	8.4	0.0	0.0	
GP-20	5/20/2025	8:35	0.0	--	0.0	0.0	22.4	77.6	7.2	0.0	0.0	
GP-21	5/20/2025	8:22	0.0	--	0.0	0.2	21.6	78.2	8.2	0.0	0.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	5/20/2025
Starting Time:	8:06
Finishing Date:	5/20/2025
Finishing Time:	12:31
Monitored by:	LM
Instruments:	Elkins Envision
Calibration Date:	5/20/2025

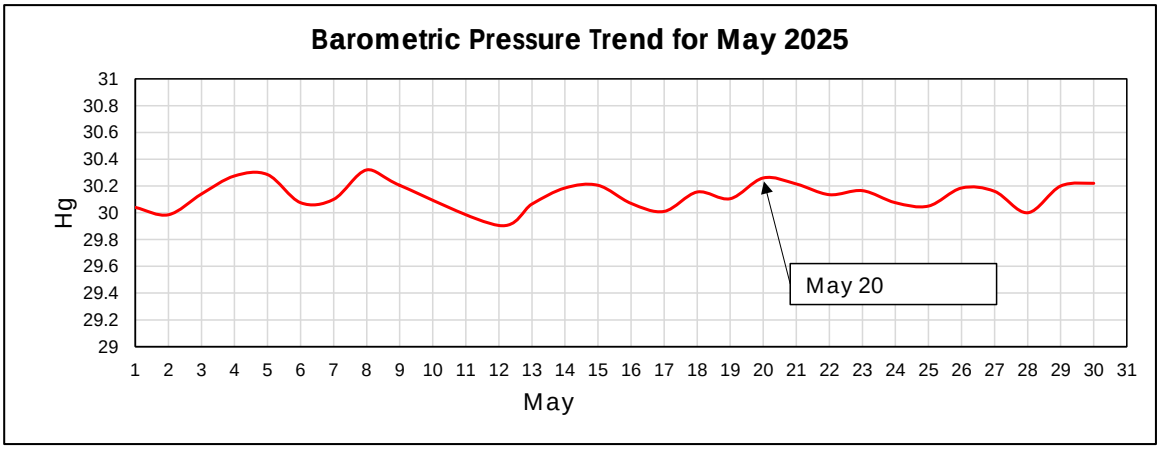
Headings:

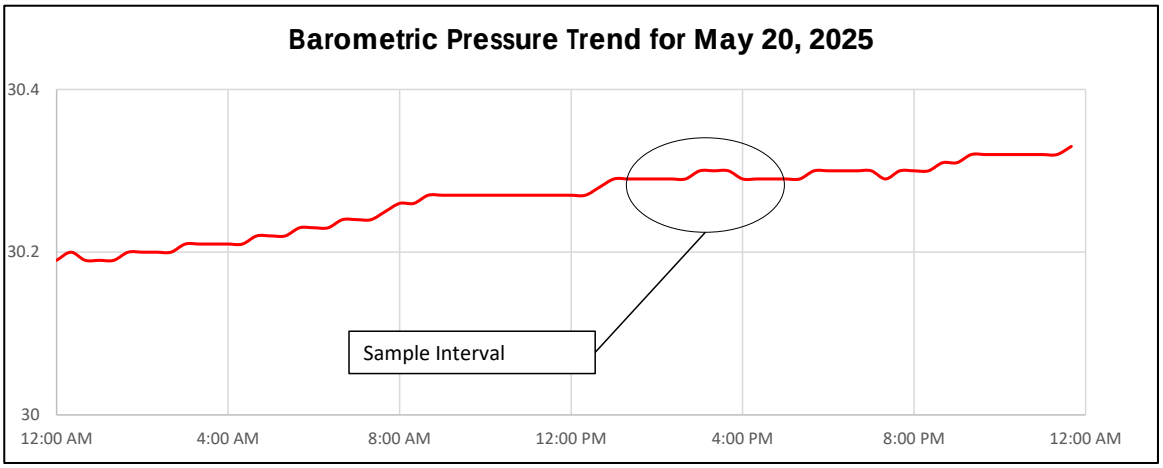
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - May 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-05-20/2025-05-20/monthly

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA52/table/2025-05-20/2025-05-20/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

June-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			1.16	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	6/10/2025	13:06	1.16	--	0.1	1.9	20.8	77.2	14.1	4.1	82.8	
GP-2	6/10/2025	12:50	0.11	--	0.0	14.0	0.3	85.7	16.1	0.0	0.0	
GP-3	6/10/2025	12:36	0.02	--	0.0	4.2	16.7	79.1	8.8	3.9	77.6	
GP-4	6/10/2025	12:31	0.02	--	0.0	9.5	10.1	80.4	11.2	1.4	28.2	
GP-9	6/10/2025	12:25	0.02	--	0.0	7.5	6.4	86.1	12.9	0.0	0.0	
GP-10	6/10/2025	13:13	0.01	--	13.1	29.1	0.0	57.8				
GP-10P	6/10/2025	13:17	0.04	--	14.9	18.1	7.4	59.6				
GP-11	6/10/2025	13:22	0.02	--	0.0	24.6	1.0	74.4				
GP-12	6/10/2025	13:32	-0.92	--	13.4	39.9	0.1	46.6				
GP-13	6/10/2025	13:37	0.00	--	0.0	23.4	2.2	74.4				
GP-14	6/10/2025	14:07	0.02	--	0.0	0.1	21.8	78.1	13.9	0.0	0.0	
GP-15	6/10/2025	14:27	0.03	--	0.0	12.6	12.2	75.2	16.8	1.2	24.0	
GP-16	6/10/2025	12:19	0.01	--	0.0	0.4	20.7	78.9	20.9	13.5	90.0	
GP-17	6/10/2025	12:56	0.0	--	0.0	0.4	22.3	77.3	8.3	0.0	0.0	
GP-18	6/10/2025	12:44	0.0	--	0.0	0.5	20.0	79.5	8.8	0.0	0.0	
GP-19	6/10/2025	14:41	0.0	--	0.0	1.0	21.2	77.8	4.4	0.0	0.0	
GP-20	6/10/2025	13:53	0.0	--	0.0	0.1	22.1	77.8	8.6	0.0	0.0	
GP-21	6/10/2025	13:44	0.0	--	0.0	0.4	21.3	78.3	11.7	0.0	0.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	6/10/2025
Starting Time:	12:19
Finishing Date:	6/10/2025
Finishing Time:	14:41
Monitored by:	AD
Instruments:	Elkins Envision
Calibration Date:	6/10/2025

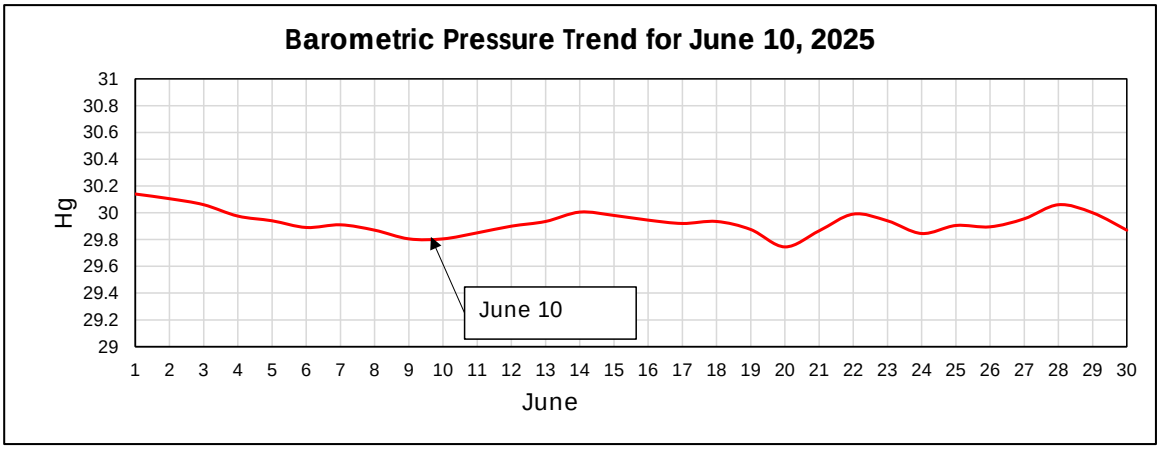
Headings:

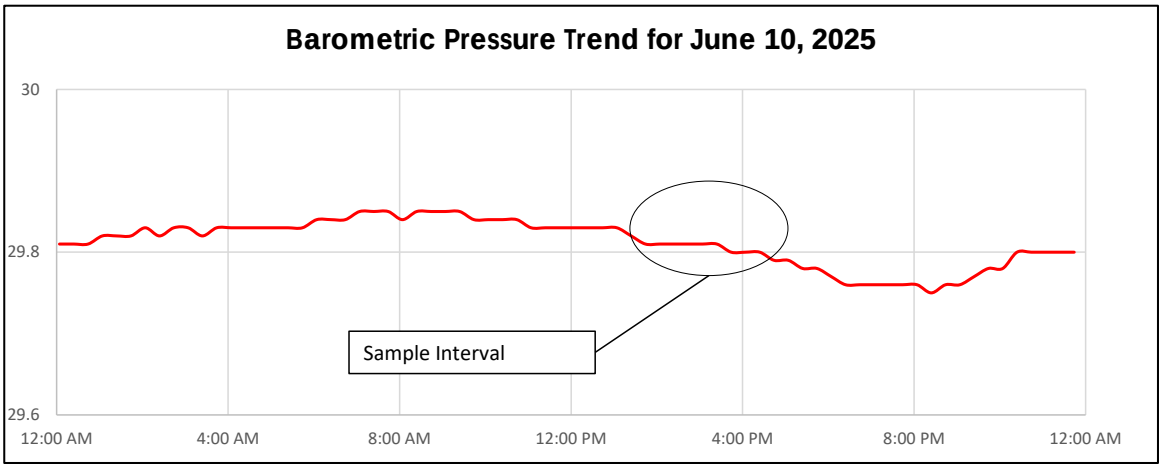
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - June 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-06-10/2025-06-10/daily

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-06-10/2025-06-10/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

July-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			0.75	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	7/23/2025	9:26	0.75	--	0.0	1.3	21.8	76.9	13.2	3.2	63.8	
GP-2	7/23/2025	9:34	0.01	--	0.0	14.7	0.1	85.2	17.4	0.0	0.0	
GP-3	7/23/2025	9:47	0.01	--	0.0	1.9	19.0	79.1	11.0	6.1	100.0	
GP-4	7/23/2025	9:59	0.01	--	0.0	1.9	17.6	80.5	13.8	4.0	80.4	
GP-9	7/23/2025	10:04	0.00	--	0.0	7.1	8.1	84.8	15.2	1.9	38.0	
GP-10	7/23/2025	10:10	0.01	--	9.5	16.2	8.6	65.7				
GP-10P	7/23/2025	10:32	0.01	--	0.0	16.1	6.6	77.3				
GP-11	7/23/2025	10:43	0.00	--	0.0	21.3	3.1	75.6				
GP-12	7/23/2025	10:53	0.02	--	1.6	36.8	0.5	61.1				
GP-13	7/23/2025	10:57	0.02	--	0.0	1.5	20.3	78.2				
GP-14	7/23/2025	8:53	0.01	--	0.0	0.7	20.9	78.4	16.3	1.0	20.8	
GP-15	7/23/2025	8:43	0.01	--	0.0	1.4	21.3	77.3	19.3	3.6	72.6	
GP-16	7/23/2025	10:10	0.01	--	0.0	0.8	22.2	77.0	21.4	14.1	93.9	
GP-17	7/23/2025	9:40	0.0	--	0.0	4.3	7.4	88.3	11.2	0.0	0.0	
GP-18	7/23/2025	9:52	0.0	--	0.0	0.6	22.3	77.1	8.3	0.0	0.0	
GP-19	7/23/2025	11:34	0.0	--	0.0	0.4	21.3	78.3	12.2	0.0	0.0	
GP-20	7/23/2025	11:12	0.0	--	0.0	0.7	20.6	78.7	11.3	0.0	0.0	
GP-21	7/23/2025	11:03	0.0	--	0.0	0.8	21.1	78.1	16.4	1.4	28.8	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	7/23/2025
Starting Time:	8:43
Finishing Date:	7/23/2025
Finishing Time:	11:34
Monitored by:	ZA
Instruments:	Elkins Envision
Calibration Date:	7/23/2025

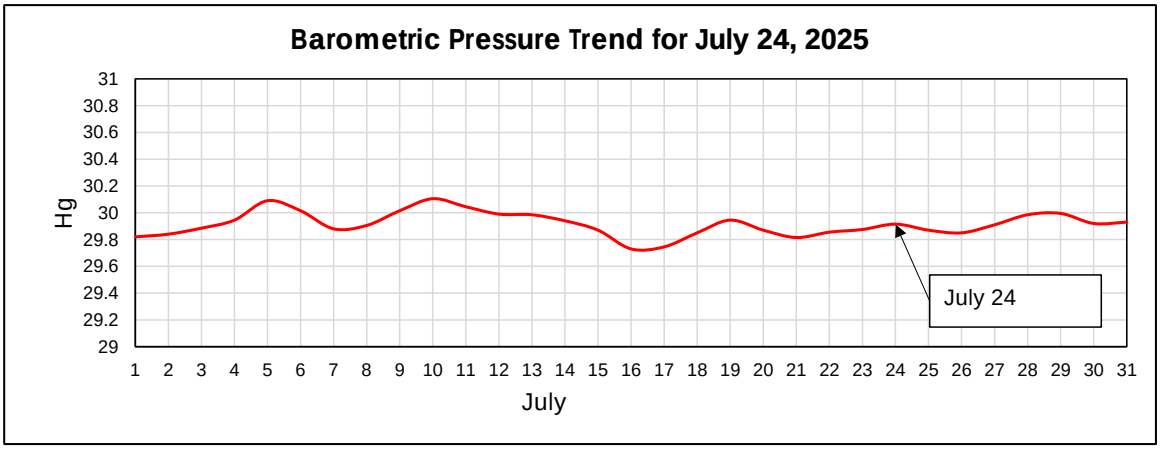
Headings:

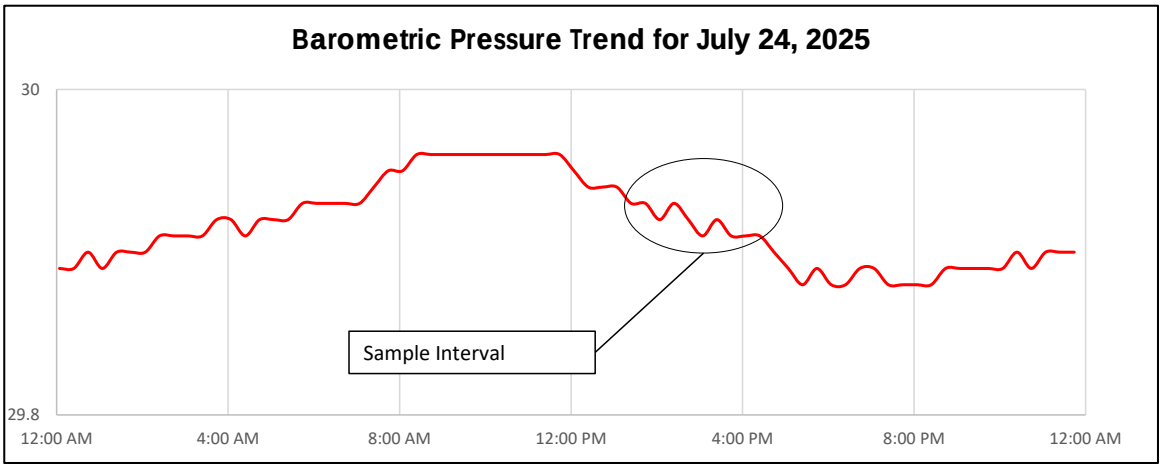
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - July 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

August-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			0.12	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	8/18/2025	7:35	0.12	--	19.8	68.4	0.1	11.7	12.7	2.7	53.8	
GP-2	8/18/2025	7:20	-0.01	--	0.0	15.3	0.1	84.6	17.5	0.0	0.0	
GP-3	8/18/2025	7:06	0.00	--	0.0	5.3	18.1	76.6	12.6	7.7	100.0	
GP-4	8/18/2025	7:00	0.00	--	0.0	16.2	6.1	77.7	14.1	4.3	86.8	
GP-9	8/18/2025	6:56	-0.01	--	0.0	7.6	9.0	83.4	15.2	2.0	39.6	
GP-10	8/18/2025	7:41	0.00	--	2.9	11.7	11.0	74.4				
GP-10P	8/18/2025	7:43	0.00	--	0.0	16.8	3.7	79.5				
GP-11	8/18/2025	7:48	-0.01	--	0.0	28.5	1.1	70.4				
GP-12	8/18/2025	7:54	-0.87	--	0.0	1.6	21.7	76.7				
GP-13	8/18/2025	7:57	0.00	--	0.0	0.9	21.1	78.0				
GP-14	8/18/2025	8:28	0.05	--	0.0	12.8	4.7	82.5	20.3	5.0	100.0	
GP-15	8/18/2025	8:23	0.01	--	0.0	0.2	22.0	77.8	20.6	5.0	100.0	
GP-16	8/18/2025	6:48	0.00	--	0.0	1.0	20.5	78.5	22.4	15.0	100.0	
GP-17	8/18/2025	7:26	0.0	--	0.0	9.5	8.2	82.3	13.1	0.0	0.0	
GP-18	8/18/2025	7:13	0.0	--	0.0	0.1	21.8	78.1	8.8	0.0	0.0	
GP-19	8/18/2025	8:39	0.0	--	0.0	1.2	20.0	78.8	20.0	5.0	100.0	
GP-20	8/18/2025	8:08	0.0	--	0.0	0.4	20.9	78.7	20.0	5.0	100.0	
GP-21	8/18/2025	8:01	0.0	--	0.0	0.6	21.5	77.9	20.0	5.0	100.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	8/18/2025
Starting Time:	6:48
Finishing Date:	8/18/2025
Finishing Time:	8:39
Monitored by:	AD
Instruments:	Elkins Envision
Calibration Date:	8/18/2025

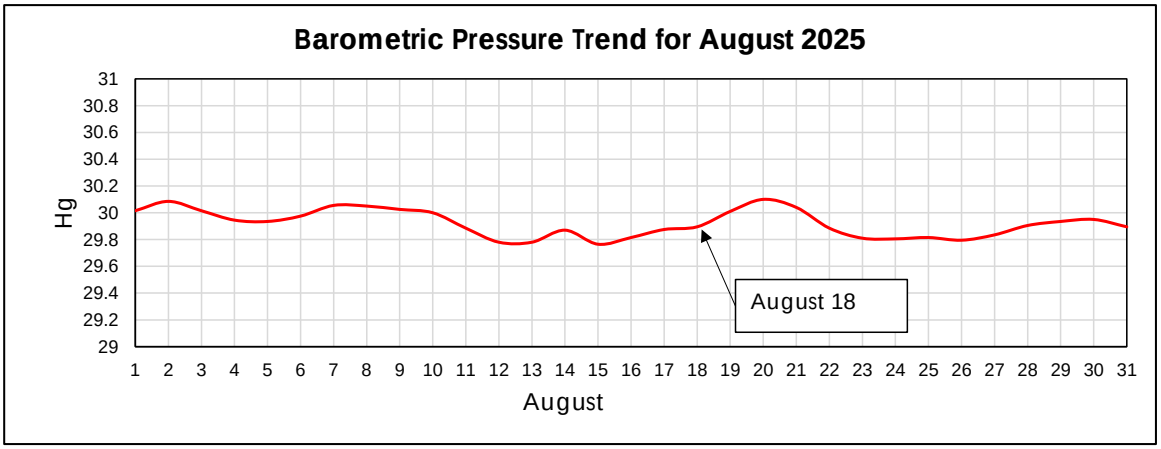
Headings:

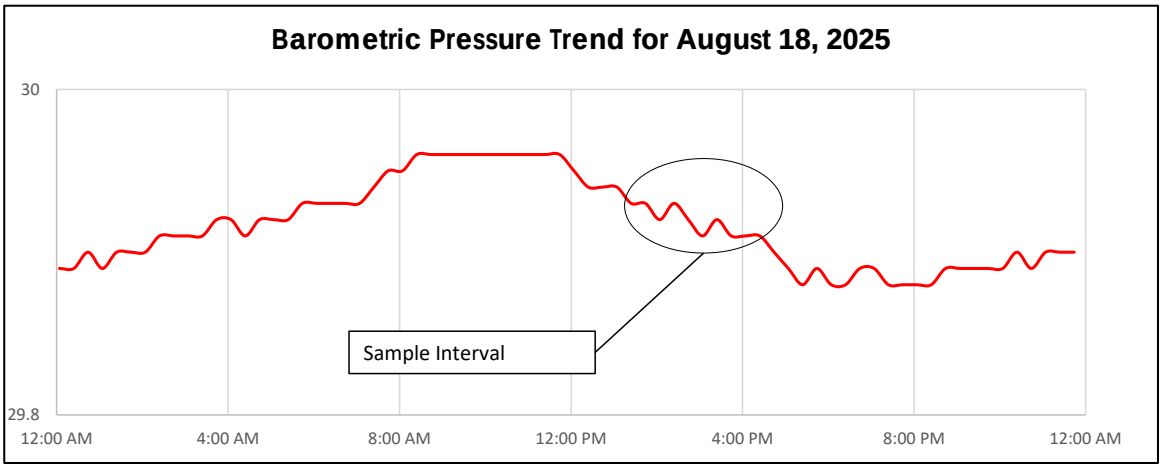
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - August 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring — **SCS Engineers**

Landfill Gas Control System — 04225001.04

LRI Landfill

September-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*: CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)	Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*: (ft)	(%)	Comments
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			0.04	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	9/3/2025	12:07	0.02	--	9.4	49.2	8.6	32.8	13.2	3.2	63.6	
GP-2	9/3/2025	11:51	0.02	--	0.0	15.9	0.2	83.9	17.7	0.0	0.0	
GP-3	9/3/2025	11:43	0.01	--	0.0	5.4	17.5	77.1	12.6	7.7	100.0	
GP-4	9/3/2025	11:41	0.02	--	0.0	7.2	14.3	78.5	14.5	4.7	93.8	
GP-9	9/3/2025	11:38	0.02	--	0.0	7.3	9.4	83.3	16.9	3.6	72.2	
GP-10	9/3/2025	12:10	0.01	--	3.3	18.7	6.8	71.2				
GP-10P	9/3/2025	12:11	0.02	--	0.1	13.2	10.1	76.6				
GP-11	9/3/2025	12:15	-0.11	--	0.0	22.0	3.8	74.2				
GP-12	9/3/2025	12:19	-0.05	--	0.0	7.7	16.5	75.8				
GP-13	9/3/2025	12:24	0.03	--	0.0	23.8	5.0	71.2				
GP-14	9/3/2025	12:54	0.04	--	0.0	7.5	12.1	80.4	17.7	2.5	49.0	
GP-15	9/3/2025	12:50	0.03	--	0.8	37.9	3.1	58.2	20.6	5.0	100.0	
GP-16	9/3/2025	11:35	0.03	--	0.0	1.0	20.0	79.0	22.4	15.0	100.0	
GP-17	9/3/2025	11:58	0.0	--	0.0	10.0	9.4	80.6	9.2	0.0	0.0	
GP-18	9/3/2025	11:47	0.0	--	0.0	0.8	20.5	78.7	9.5	0.0	0.0	
GP-19	9/3/2025	12:59	0.0	--	0.0	0.3	20.9	78.8	17.8	2.8	55.8	
GP-20	9/3/2025	12:30	0.0	--	0.0	0.2	21.4	78.4	20.0	5.0	100.0	
GP-21	9/3/2025	12:29	0.0	--	0.0	0.6	20.3	79.1	17.5	2.5	50.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	9/3/2025
Starting Time:	11:35
Finishing Date:	9/3/2025
Finishing Time:	12:59
Monitored by:	0
Instruments:	Elkins Envision
Calibration Date:	9/3/2025

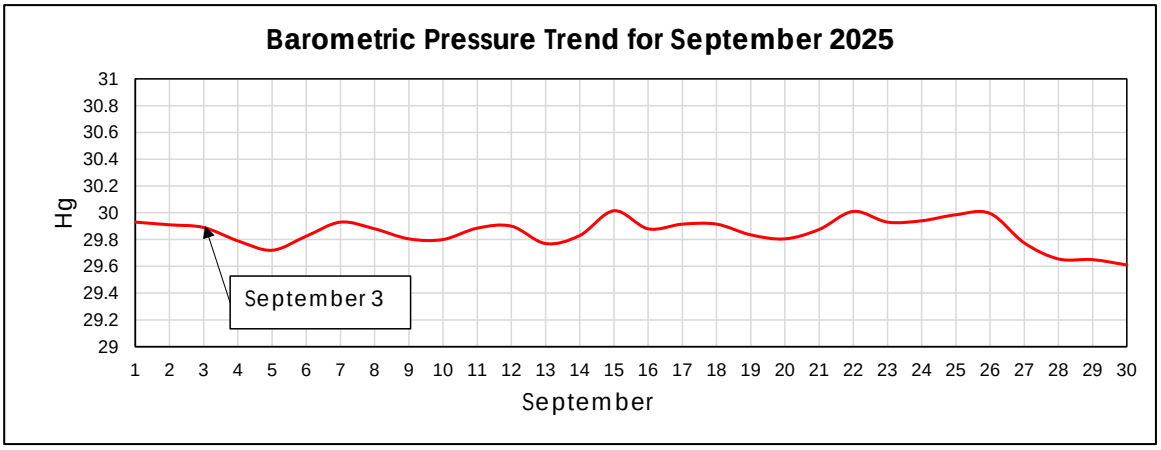
Headings:

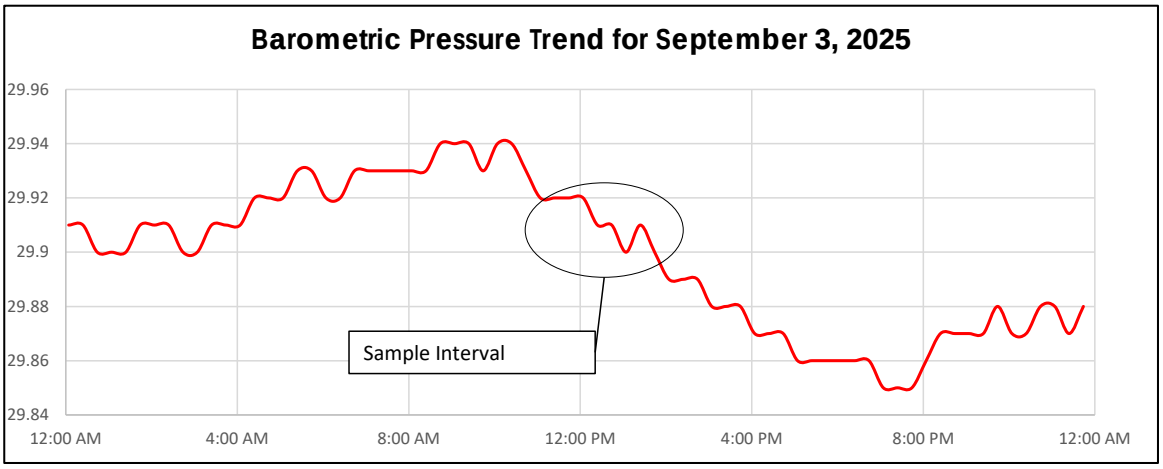
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - September 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

October-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			0.11	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	10/24/2025	7:54	0.11	17.4	17.4	77.2	0.0	5.4	19.0	9.0	100.0	
GP-2	10/24/2025	8:00	0.01	0.3	0.3	16.9	0.0	82.8	10.5	0.0	0.0	
GP-3	10/24/2025	8:14	-0.01	--	0.0	5.0	18.3	76.7	13.6	8.7	100.0	
GP-4	10/24/2025	8:25	0.02	--	0.0	13.6	7.8	78.6	14.8	5.0	100.0	
GP-9	10/24/2025	8:29	0.02	--	0.0	7.2	10.2	82.6	15.2	2.0	39.0	
GP-10	10/24/2025	8:49	0.01	--	0.0	14.5	6.8	78.7				
GP-10P	10/24/2025	8:46	-0.01	4.3	4.2	26.0	0.4	69.4				
GP-11	10/24/2025	8:55	-1.07	--	0.0	4.5	6.8	88.7				
GP-12	10/24/2025	9:02	-0.01	--	0.0	1.7	22.3	76.0				
GP-13	10/24/2025	9:06	-0.02	--	0.0	1.4	15.9	82.7				
GP-14	10/24/2025	7:44	0.06	--	0.0	17.8	2.8	79.4	19.8	4.5	90.8	
GP-15	10/24/2025	7:39	0.02	0.5	0.4	37.2	3.3	59.1	20.6	5.0	100.0	
GP-16	10/24/2025	8:32	-0.02	--	0.0	5.5	21.3	73.2	22.4	15.0	100.0	
GP-17	10/24/2025	8:06	0.0	--	0.0	2.0	18.8	79.2	20.0	5.0	100.0	
GP-18	10/24/2025	8:17	0.0	--	0.0	1.2	20.5	78.3	11.7	0.0	0.0	
GP-19	10/24/2025	9:34	0.0	--	0.0	1.0	22.2	76.8	15.4	0.4	7.8	
GP-20	10/24/2025	9:17	0.0	--	0.0	1.5	21.8	76.7	15.4	0.4	7.6	
GP-21	10/24/2025	9:09	0.0	--	0.0	5.1	19.8	75.1	20.0	5.0	100.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	10/24/2025
Starting Time:	7:39
Finishing Date:	10/24/2025
Finishing Time:	9:34
Monitored by:	TWH
Instruments:	Elkins Envision
Calibration Date:	10/24/2025

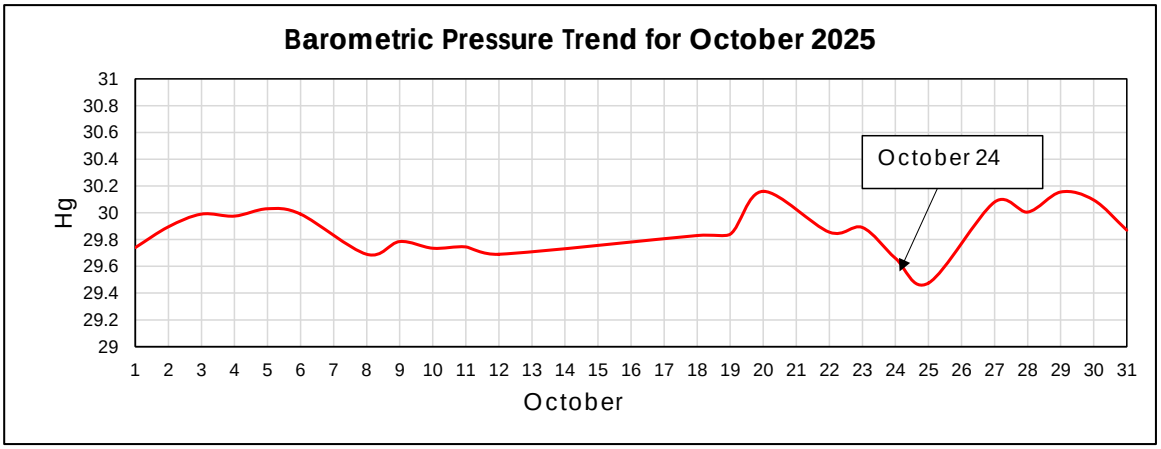
Headings:

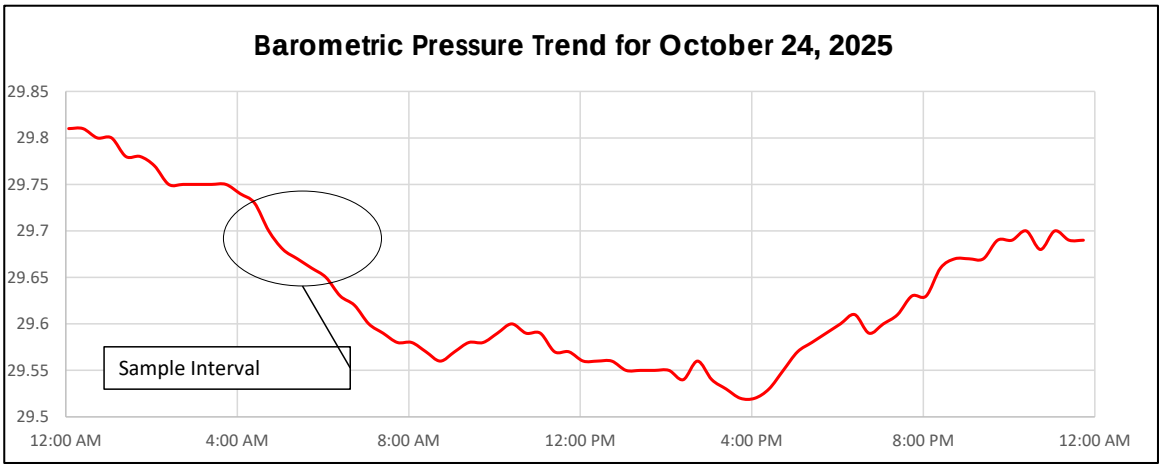
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - October 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

November-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			0.20	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	11/20/2025	11:40	0.01	17.4	31.6	68.3	0.1	0.0	13.2	3.2	64.0	
GP-2	11/20/2025	12:00	-0.02	0.3	6.2	17.1	0.0	76.7	16.9	0.0	0.0	
GP-3	11/20/2025	12:21	-0.02	--	0.0	4.3	17.4	78.3	9.3	4.4	88.8	
GP-4	11/20/2025	12:32	-0.02	--	0.0	11.6	9.7	78.7	14.5	4.7	94.0	
GP-9	11/20/2025	11:21	-0.02	--	5.5	16.6	0.8	77.1	12.5	0.0	0.0	
GP-10	11/20/2025	11:21	-0.01	--	5.5	16.6	0.8	77.1				
GP-10P	11/20/2025	11:27	0.00	4.3	32.0	29.5	0.0	38.5				
GP-11	11/20/2025	11:03	0.20	--	0.0	15.0	7.5	77.5				
GP-13	11/20/2025	10:10	-0.08	--	0.0	22.2	3.4	74.4				
GP-14	11/20/2025	9:28	-0.18	--	0.0	0.9	21.9	77.2	15.5	0.2	4.8	
GP-15	11/20/2025	9:16	-0.04	0.5	0.0	0.3	21.9	77.8	20.4	4.8	95.6	
GP-16	11/20/2025	12:50	-0.02	--	0.0	1.2	20.6	78.2	21.4	14.1	93.7	
GP-17	11/20/2025	11:51	0.0	--	0.0	0.9	21.5	77.6	7.1	0.0	0.0	
GP-18	11/20/2025	12:13	0.0	--	0.0	0.2	22.0	77.8	5.0	0.0	0.0	
GP-19	11/20/2025	14:39	0.0	--	0.0	7.7	10.5	81.8	17.3	2.3	46.8	
GP-20	11/20/2025	9:49	0.0	--	0.0	0.3	21.1	78.6	10.8	0.0	0.0	
GP-21	11/20/2025	9:38	0.0	--	0.0	0.3	21.9	77.8	17.7	2.7	54.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	11/20/2025
Starting Time:	9:16
Finishing Date:	11/20/2025
Finishing Time:	14:39
Monitored by:	LMB
Instruments:	Elkins Envision
Calibration Date:	11/20/2025

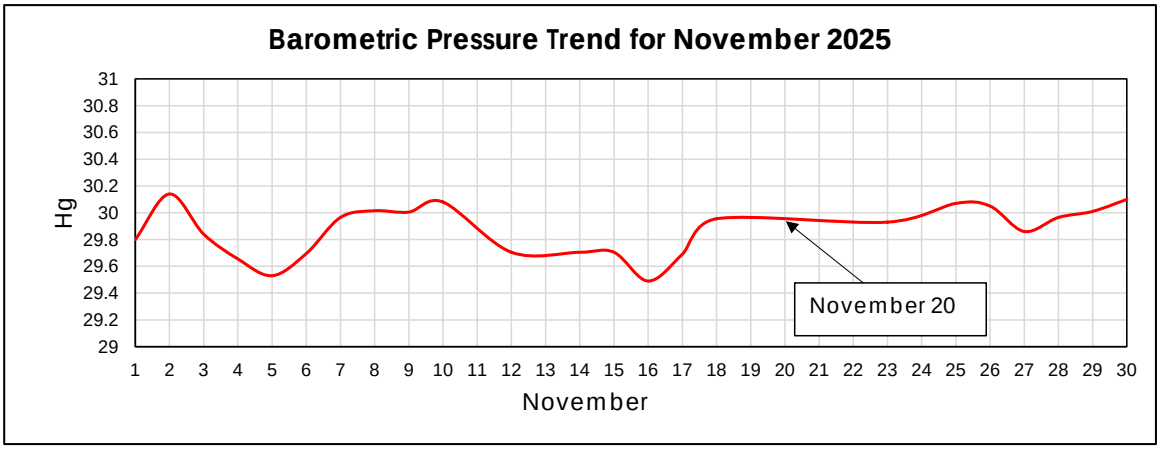
Headings:

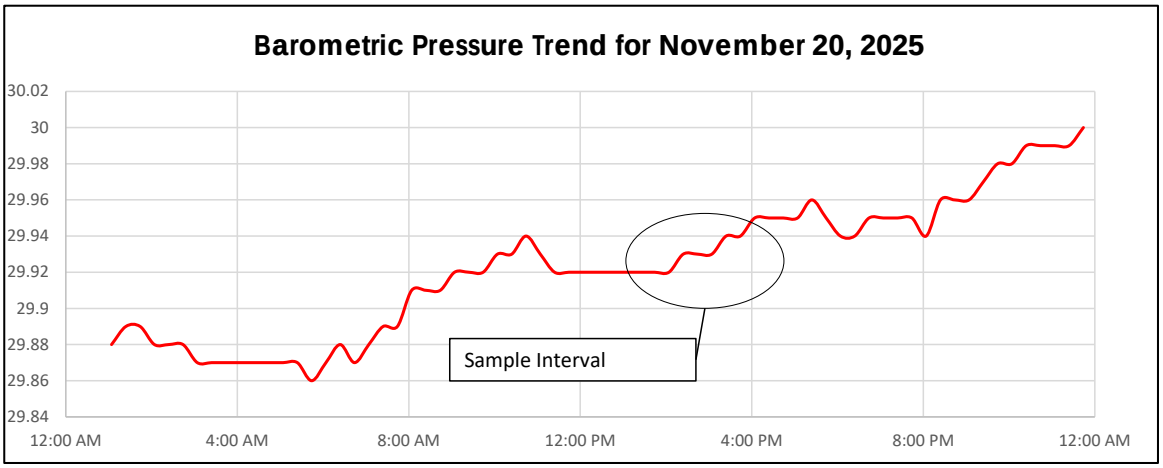
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - November 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Exhibit 3 - Results of Landfill Gas Probe Monitoring

SCS Engineers

Landfill Gas Control System

04225001.04

LRI Landfill

December-25

Location Refer *Design.*	Date	Time	$P_{(well)}$ (in W.C.)	Gas Composition - *Note 1*					Depth to Water *Note 2* (ft-TOC)	Exposed Portion of Perforations - *Note 3*		Comments
				CH_4 Spike (% by vol.)	CH_4 (% by vol.)	CO_2 (% by vol.)	O_2 (% by vol.)	Balance (N_2 & H_2O) (% by vol.)		(ft)	(%)	
Normal Operating Rage:												
(min)			-	-	0.3	-	-				20.0	
(max)			1.17	-	5.0	5.0	20.3				90.0	
Perimeter Gas Probes												
GP-1A	12/11/2025	8:30	0.02	17.4	28.4	56.9	0.2	14.5	10.2	0.2	4.0	
GP-2	12/11/2025	8:25	0.03	0.3	0.0	0.1	21.4	78.5	14.5	0.0	0.0	
GP-3	12/11/2025	8:20	-0.02	--	0.0	0.1	21.0	78.9	7.8	2.9	58.2	
GP-4	12/11/2025	8:15	-0.06	--	0.0	0.1	21.0	78.9	11.0	1.2	24.0	
GP-9	12/11/2025	8:10	-0.18	--	0.0	0.1	21.0	78.9	10.7	0.0	0.0	
GP-10	12/17/2025	10:30	-0.55	--	8.2	10.7	9.8	71.3				
GP-10P	12/17/2025	10:25	0.28	4.3	38.1	21.8	0.1	40.0				
GP-11	12/17/2025	10:35	0.08	--	1.2	16.9	9.1	72.8				
GP-12	12/17/2025	10:40	-0.21	--	0.1	3.1	21.7	75.1				
GP-13	12/17/2025	10:45	-0.31	--	0.1	19.9	2.2	77.8				
GP-14	12/17/2025	11:30	-2.88	--	0.0	1.0	18.2	80.8	11.5	0.0	0.0	
GP-15	12/17/2025	11:40	-0.17	0.5	0.0	0.3	22.8	76.9	10.1	0.0	0.0	
GP-16	12/11/2025	8:05	0.03	--	0.0	0.1	21.4	78.5	19.1	11.8	78.3	
GP-17	12/17/2025	10:20	0.0	--	0.0	0.2	23.1	76.7	5.1	0.0	0.0	
GP-18	12/17/2025	10:15	-4.0	--	0.3	1.4	22.8	75.5	3.0	0.0	0.0	
GP-19	12/17/2025	12:20	-0.1	--	0.0	0.3	22.2	77.5	5.5	0.0	0.0	
GP-20	12/17/2025	11:15	0.1	--	0.0	1.6	22.5	75.9	4.7	0.0	0.0	
GP-21	12/17/2025	10:55	1.2	--	0.0	3.2	12.8	84.0	20.0	5.0	100.0	

General Data:

	Beginning	Ending	Average
Weather:	Sunny	Sunny	Sunny
Temperature, T (deg F):	62	69	65.5
Wind Speed (mph):	5	10	7.5
Wind Direction:	292.5	315	303.75
Barometric Pressure, P (in Hg):	29.62	29.61	29.62
24hr Baro.Trend (rising / falling / steady / unsteady)	Falling		

Starting Date:	12/11/2025
Starting Time:	8:05
Finishing Date:	12/17/2025
Finishing Time:	12:20
Monitored by:	TWH
Instruments:	Elkins Envision
Calibration Date:	12/11/2025

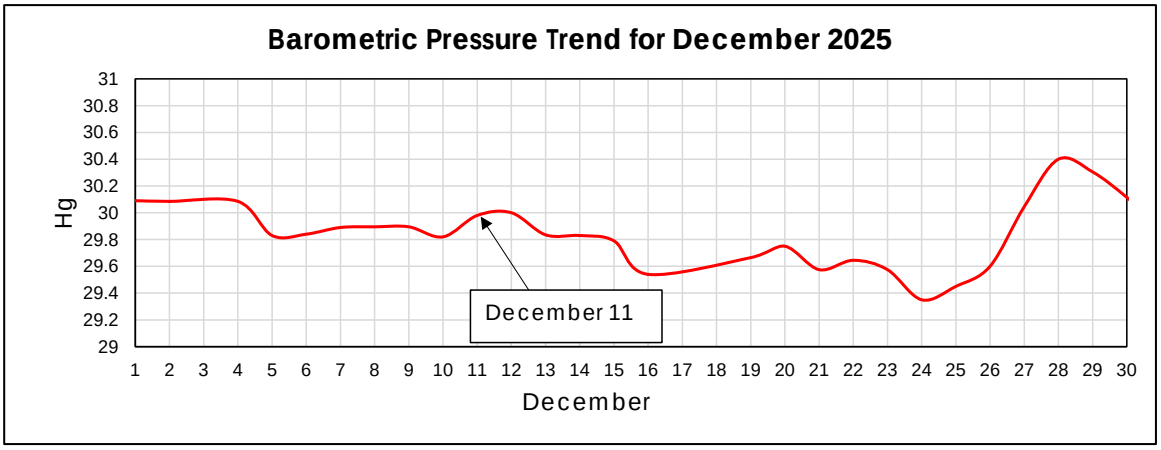
Headings:

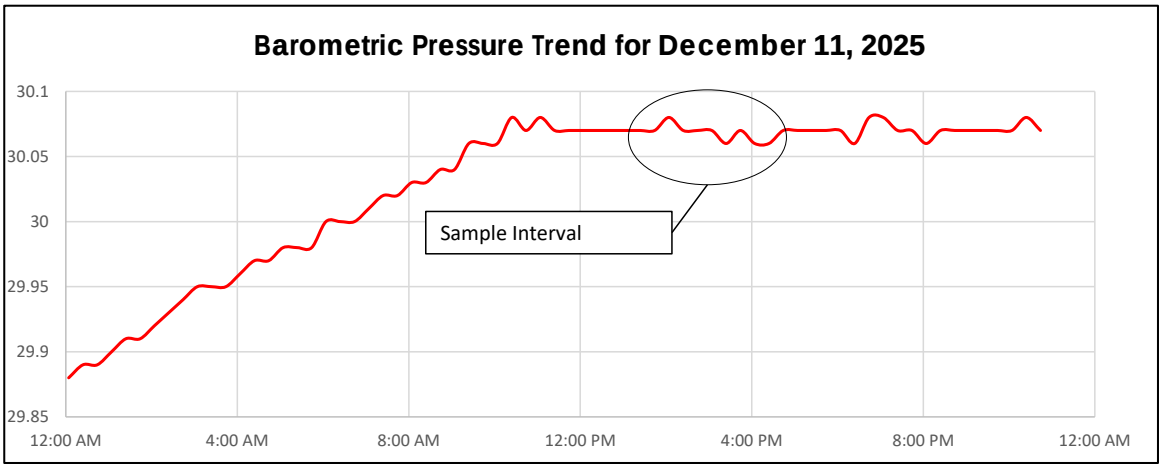
$P_{(well)}$	Relative Pressure
CH_4	Methane
CO_2	Carbon Dioxide
O_2	Oxygen
H_2O	Water Vapor
N_2	Nitrogen
TOC	Top of Casing

Notes:

1. Measurement for spike concentrations of CH_4 and CO_2 are recorded as a comment if observed during sampling.
2. Water level measurements made where gas probe monitoring port allows for measurement, or where there is an adjacent measurement piezometer.
3. Exposed Perforation = perforated pipe section not submerged by liquid.

Barometric Pressure Trend - December 2025
LRI Landfill, Pierce County, Washington





Monthly Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

Daily Data Source: Wunderground.com (South Hill, WA)
Lat: 46.98 Long: 122.34 Elev: 692 ft-AMSL
Data Source:
https://www.wunderground.com/dashboard/pws/KWAGRAHA105/table/2025-07-24/2025-07-24/daily

LRI 304th Street Landfill
Landfill Gas Monitoring of On-site Buildings

Project Number: ~~04223001.04~~ 04225001.04

Date: ~~2/13/25~~ 2/14/25
Weather Conditions: Cloudy, ~~[illegible]~~ F 35°F
Instrument: ~~RAE MINIRAE 3000 PID~~ MICRO FID
Measured By: AMD

The atmosphere inside buildings at the landfill were monitored for possible intrusion of methane gas. Per WAC 173-351, concentrations of methane in on-site structures must not exceed 25% of the lower explosive limit (LEL). If off-site gas migration is suspected, concentrations of methane in off-site structures must not exceed 100 ppm methane.

The areas monitored included:
- The general overall work area
- Floor drains
- Underground conduit protrusions
- Closed areas where landfill gas could collect, such as under cupboards and inside closets

The gas detection instrument must be calibrated using calibration gas containing methane equal to 50 % LEL. Calibration must be performed before and after the survey is completed.

Upwind office 0.0
Down Scale House outside 0.1

Checked boxes indicate that the survey revealed **no detectable methane**.

MAX

1.2	☐	Main Office - individual office spaces, storage areas and within open crawl-space area.
0.1	☐	Repair Shop – survey atmosphere conditions throughout (lower height levels).
0.4	☐	Pay/Scale Booth – interior of building.
3.2	☐	Work Shop - interior of shed adjacent to stormwater ponds.
2.2	☐	Energy Plant - occupied spaces of building adjacent to blower flare station.

Signature

LRI 304th Street Landfill
Landfill Gas Monitoring of On-site Buildings

Project Number: 04225001.04 ~~04224001.04~~

Date: 5/19/25
Weather Conditions: partly cloudy, some rain showers
Instrument: MicroFID
Measured By: Lauren Murray

The atmosphere inside buildings at the landfill were monitored for possible intrusion of methane gas. Per WAC 173-351, concentrations of methane in on-site structures must not exceed 25% of the lower explosive limit (LEL). If off-site gas migration is suspected, concentrations of methane in off-site structures must not exceed 100 ppm methane.

The areas monitored included:
- The general overall work area
- Floor drains
- Underground conduit protrusions
- Closed areas where landfill gas could collect, such as under cupboards and inside closets

The gas detection instrument must be calibrated using calibration gas containing methane equal to 50 % LEL. Calibration must be performed before and after the survey is completed.

Checked boxes indicate that the survey revealed **no detectable methane**.

- ☑ Main Office - individual office spaces, storage areas and within open crawl-space area. → 0.3 by NE door
- ☑ Repair Shop – survey atmosphere conditions throughout (lower height levels).
- ☑ Pay/Scale Booth – interior of building.
- ☑ Work Shop - interior of shed adjacent to stormwater ponds.
- ☑ Energy Plant - occupied spaces of building adjacent to blower flare station. → 0.3 in equipment room

Lauren Murray
Signature

LRI 304th Street Landfill
Landfill Gas Monitoring of On-site Buildings

Project Number: 04224001.04

Date: 9/4/25
Weather Conditions: Sunny / Smoggy
Instrument: Micro FID
Measured By: AMD

The atmosphere inside buildings at the landfill were monitored for possible intrusion of methane gas. Per WAC 173-351, concentrations of methane in on-site structures must not exceed 25% of the lower explosive limit (LEL). If off-site gas migration is suspected, concentrations of methane in off-site structures must not exceed 100 ppm methane.

The areas monitored included:
- The general overall work area
- Floor drains
- Underground conduit protrusions
- Closed areas where landfill gas could collect, such as under cupboards and inside closets

The gas detection instrument must be calibrated using calibration gas containing methane equal to 50 % LEL. Calibration must be performed before and after the survey is completed.

UPWIND: 0.1 PPM Downwind: 0.3-0.6 PPM

Checked boxes indicate that the survey revealed **no detectable methane**.

Max		
6.4 PPM	☑	Main Office - individual office spaces, storage areas and within open crawl-space area.
1.6 PPM	☑	Repair Shop – survey atmosphere conditions throughout (lower height levels). Doors open / Fans running
1.0 PPM	☑	Pay/Scale Booth – interior of building.
5.4 PPM	☑	Work Shop - interior of shed adjacent to stormwater ponds.
1.2 PPM	☑	Energy Plant - occupied spaces of building adjacent to blower flare station.

Signature

LRI 304th Street Landfill
Landfill Gas Monitoring of On-site Buildings

Project Number: 04225001.04

east side of landfill → 1.2 ppm (downwind).

office → 0.8 ppm

wind direction: W → E.

Date: NOV 20 2025
Weather Conditions: Sunny
Instrument: MicroFID
Measured By: Lauren M & Karissey

The atmosphere inside buildings at the landfill were monitored for possible intrusion of methane gas. Per WAC 173-351, concentrations of methane in on-site structures must not exceed 25% of the lower explosive limit (LEL). If off-site gas migration is suspected, concentrations of methane in off-site structures must not exceed 100 ppm methane.

The areas monitored included:

- The general overall work area
- Floor drains
- Underground conduit protrusions
- Closed areas where landfill gas could collect, such as under cupboards and inside closets

The gas detection instrument must be calibrated using calibration gas containing methane equal to 50 % LEL. Calibration must be performed before and after the survey is completed.

Background Concentrations

Upwind: 0.8 ppm. Downwind: 1.2 ppm.

Checked boxes indicate that the survey revealed **no detectable methane**.

Max CH_4 5

- ☐ Main Office - individual office spaces, storage areas and within open crawl-space area. (0.5 NE corner)
- ☐ Repair Shop – survey atmosphere conditions throughout (lower height levels). (0.7 front/back door)
- ☐ Pay/Scale Booth – interior of building.
- ☐ Work Shop - interior of shed adjacent to stormwater ponds. ~~0.5 NE corner~~ [0.6 near walker room)
- ☐ Energy Plant - occupied spaces of building adjacent to blower flare station. (2.1 bathroom)

Signature

April 2025
0601-724-53-00

CONSTRUCTION REPORT
2024 PHASE 3 LANDFILL GAS SYSTEM EXPANSION
(JANUARY 2025 - MARCH 2025)

LRI Landfill

LRI LANDFILL
GRAHAM, WASHINGTON

PREPARED BY

Weaver Consultants Group

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2 LFG EXTRACTION WELL CONSTRUCTION **2**

APPENDIX A
Well Drilling/Completion and Installation Reports

APPENDIX B
Daily CQA Logs

APPENDIX C
Construction Photographs

APPENDIX D
Site Plan

1 INTRODUCTION

This report documents the construction activities conducted during the expansion of the landfill gas (LFG) collection and control system (GCCS) at the LRI Landfill.

The project included installing twelve (12) active LFG extraction wells.

The following parties participated in the project:

- Owner/Operator – Pierce Co, Recycling, Composting and Disposal, LLC dba LRI.
- Design Engineer – Weaver Consultants Group, LLC.
- LFG Drilling/Piping Contractor – Continuum Environmental Services, Ltd.
- Construction Quality Assurance – Weaver Consultants Group, LLC
- Surveyor – True Point Services, LLC

2 LFG EXTRACTION WELL CONSTRUCTION

Prior to construction, the LFG extraction well layouts and designs were completed by Weaver Consultants Group, LLC (WCG). Preliminary extraction well surveying was completed by True Point Services, LLC to verify surface elevations prior to drilling. The LFG well drilling and well completion was completed by Continuum Environmental Services, Ltd.

The extraction well casings were field fabricated from 8-inch CPVC polyvinyl chloride (CPVC), SCH-80 pipe and 6-inch piping for the upper portion. A visual inspection of the pipe joints was conducted by the CQA technician on site prior to installation. The PVC pipe was factory perforated with a 5/8-inch hole around the circumference of the pipe. A well settlement joint was installed, and PVC cap was placed onto the bottom of the well casings. The annulus around the perforated sections of pipe was backfilled with 1-inch to 3-inch diameter coarse gravel. The gravel fill extended to approximately 3-foot above the top of the screen perforation interval. Above the course gravel backfill, a geotextile isolation ring, and a 3-foot-thick bentonite seal layer was installed to prevent infiltration of fines into the coarse gravel, bentonite seal constructed with three 1-foot layers, bottom layer consists of 3/8" chips, middle later consist of granular number 8 and top layer consist of 3/8" chips. The remaining wellbore was backfilled with select fill to within approximately three feet of the landfill surface. A 3-foot-thick bentonite seal was placed to 1-foot below ground surface to provide protection from air intrusion when vacuum is applied, bentonite seal was constructed with three 1-foot layers, bottom layer consists of 3/8" chips, middle later consist of granular number 8 and top layer consist of 3/8" chips. A geomembrane well boot was placed around the well casing, and compacted soil was then mounded to slope away from the LFG extraction well to compensate for backfill settlement and to prevent ponding at the well. Temporary PVC slip caps were installed on top of each well casing and secured with lag bolts until wellheads could be installed during the piping installation portion of the project.

All LFG extraction wells were completed in general conformance with the design. The Well Drilling/Completion and Installation Reports completed by WCG for each of the wells have been included in Appendix A. WCG's Daily CQA Logs have been included in Appendix B. LFG extraction well locations are shown on Drawing 1 in Appendix D.

APPENDIX A

WELL DRILLING/COMPLETION AND INSTALLATION REPORTS

LRI Landfill
As-Built LFG Well Schedule
2024 Phase 3 LFG System Expansion

Table 1

Identification		Coordinates				Boring Information				Casing Composition				Date Installed	Location (Cell)
Well No.	Well ID.	Northing	Easting	Latitude	Longitude	Surface Elevation[1] (ft msl)	Approx. Bottom of Waste Elevation[2] (ft msl)	Approx. Bottom of Borehole Elevation (ft msl)	Boring Depth (ft)	Well Casing Depth (ft)	Perforated Pipe Length (ft)	Solid Pipe Length Below Grade (ft)	LFG Well Type		
WE-434	00-WE434	17711.39	20996.47	46.973836	-122.29412	857	643	765	92	91	41	50	8-In CPVC	1/30/2025	4A
WE-435	00-WE435	17615.84	21126.85	46.9735822	-122.29359	858	645	695	163	162	83	79	8-In CPVC	2/3/2025	4A
WE-436	00-WE436	17211.66	21143.70	46.9724753	-122.29348	847	649	696	151	150	110	40	8-In CPVC	1/23/2025	4A
WE-439	00-WE439	17564.00	21274.05	46.9734493	-122.29299	859	653	708	151	150	70	80	8-In CPVC	2/5/2025	4A
WE-440	00-WE440	17341.69	21378.29	46.9728464	-122.29256	849	652	696	153	152	112	40	8-In CPVC	1/21/2025	2A
WE-441	00-WE441	17686.58	21439.98	46.9737956	-122.29234	831	651	670	161	147	126	21	8-In Steel	2/11/2025	1
WE-442	00-WE442	17541.66	21478.99	46.9734008	-122.29217	838	658	677	161	160	120	40	8-In CPVC	2/7/2025	1
WE-443	00-WE443	17639.71	21592.39	46.9736766	-122.29173	836	650	670	166	165	138	27	8-In CPVC	2/14/2025	1
WE-444	00-WE444	17439.43	21605.49	46.9731284	-122.29166	846	650	719	127	126	99	27	8-In CPVC	3/8/2025	2A
WE-445	00-WE445	17604.48	21700.37	46.9735868	-122.29129	830	656	690	140	123	105	18	8-In Steel	3/15/2025	1
WE-446	00-WE446	17385.56	21784.02	46.9729919	-122.29094	840	647	700	140	139	114	25	8-In CPVC	3/13/2025	2A
WE-447	00-WE447	16637.09	21457.31	46.9709198	-122.29218	802	667	687	115	114	77	37	8-In CPVC	1/18/2025	3A
12	**# of Wells**							**Total**	1,720	1,679	1,195	484			

Notes:

1) Existing surface elevations based on field survey completed on January 13, 15, & 21 of 2025 by True Point Services, LLC

2) Bottom of waste elevation for wells based on Top of Operations layer drawings provided by LRI and SCS Engineers.

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-434

Client: Waste Connections | Elevation of Ground Surface (ft): 857

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In CPVC 5/8" Perforations

Northing: 17711.39 | Latitude: 46.97383598 | Wellbore Reinforcement Grate Installed: No

Easting: 20996.47 | Longitude: -122.29411987

Cover Soil Depth (ft): 3

Date - Time Drilling Started: 1/27/2025 - 7:48 AM | Borehole Depth (ft): 92

Date - Time Drilling Finished: 1/29/2025 - 12:50 PM | Solid Pipe - BGS (ft): 50

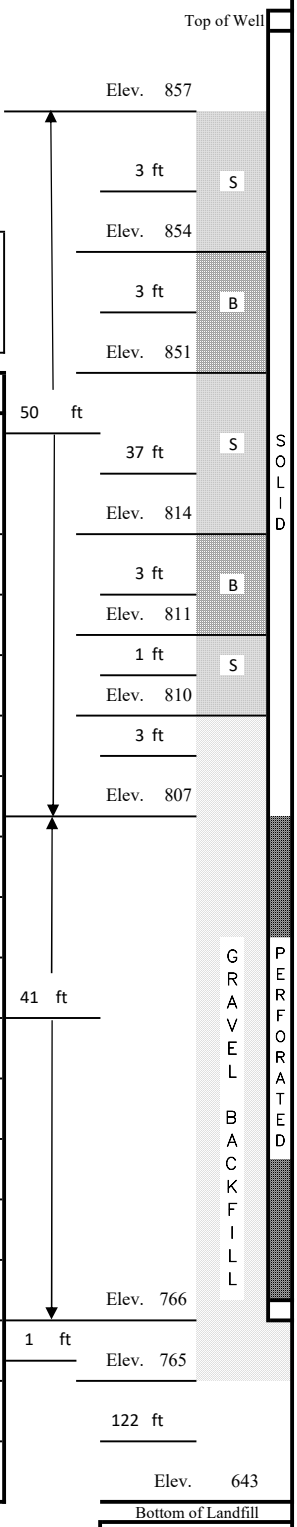
Date - Time Well Completed: 1/30/2025 - 11:30 AM | Perforated Pipe (ft): 41

Notes:

Monday - Stopped at 75' - Saturated. Tuesday, hit waste at 92'. Stopped drilling at 115' at 4P. Project group decided to set the well at 117' on 1-29. Covered the well for the night, when back onsite the next day, the well had caved in to 92', Continuum set the well there is save the well.

Material

Depth (ft)	Percentage: Paper/Cardboard	Plastics	Yard Waste	Carpet/Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10						100	Stockpile Material		Normal	53
10 - 20						100	Stockpile Material		Wet	44
20 - 30						100	Stockpile Material		Wet	75
30 - 40						100	Stockpile Material		Wet	75
40 - 50						100	Stockpile Material		Wet	81
50 - 60						100	Stockpile Material		Saturated	88
60 - 70						100	Stockpile Material		Saturated	79
70 - 80						100	Stockpile Material		Saturated	61
80 - 90						100	Stockpile Material		Saturated	71
90 - 100		10	90			0		Much	Saturated	70
100 - 110	10	80	10			0		Much	Saturated	162
110 - 120	10	70	20			0		Much	Saturated	151
120 - 130						-				
130 - 140						-				
140 - 150						-				
150 - 160						-				



Location (Cell): 4A

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-435

Client: Waste Connections | Elevation of Ground Surface (ft): 858

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In CPVC | 5/8" Perforations

Wellbore Reinforcement Grate Installed: No

Northing: 17615.84 | Latitude: 46.97358218

Easting: 21126.85 | Longitude: -122.29358902

Cover Soil Depth (ft): 80

Date - Time Drilling Started: 1/30/2025 - 7:45 AM | Borehole Depth (ft): 163

Date - Time Drilling Finished: 2/3/2025 - 12:45 PM | Solid Pipe - BGS (ft): 79

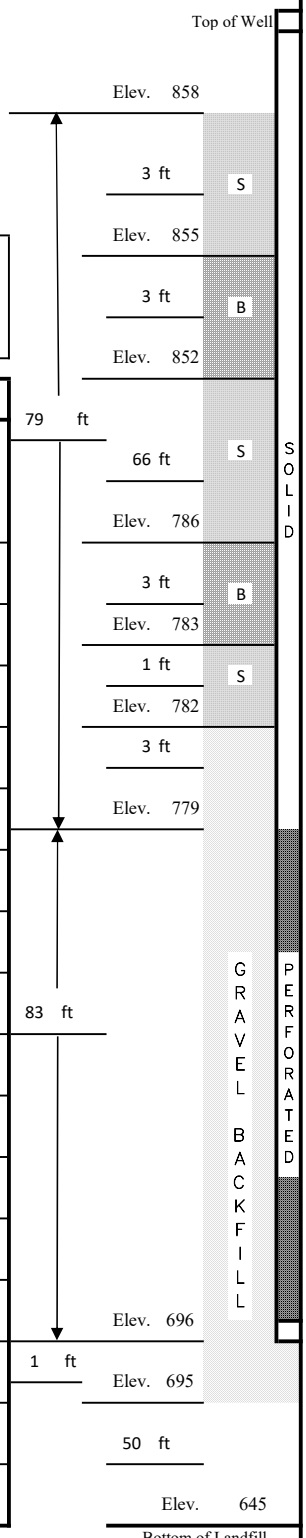
Date - Time Well Completed: 2/3/2025 - 4:30 PM | Perforated Pipe (ft): 83

Notes:

Stopped drilling at 163' due to obstruction.

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10						100	100% Stockpile Material		Damp	76
10 - 20						100	100% Stockpile Material		Damp	70
20 - 30						100	100% Stockpile Material		Damp	78
30 - 40						100	100% Stockpile Material		Damp	85
40 - 50						100	100% Stockpile Material		Damp	91
50 - 60						100	100% Stockpile Material		Damp	97
60 - 70						100	100% Stockpile Material		Damp	110
70 - 80	20	50				30	Cover Soil	Much	Damp	136
80 - 90	10	20	50			20	Cover Soil	Much	Damp	146
90 - 100	50	40	10			0		Much	Damp	156
100 - 110	30	60	10			0		Much	Damp	168
110 - 120	30	60	10			0		Much	Damp	180
120 - 130	30	60	10			0		Much	Saturated	179
130 - 140	20	30	50			0		Much	Saturated	197
140 - 150	10	30	60			0		Much	Saturated	205
150 - 160	20	50	30			0		Much	Saturated	161



Location (Cell): 4A

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-436

Client: Waste Connections | Elevation of Ground Surface (ft): 847

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In CPVC | 5/8" Perforations

Wellbore Reinforcement Grate Installed: No

Northing: 17211.66 | Latitude: 46.97247529

Easting: 21143.70 | Longitude: -122.29348474

Cover Soil Depth (ft): 4

Date - Time Drilling Started: 1/22/2025 - 8:00 AM | Borehole Depth (ft): 151

Date - Time Drilling Finished: 1/23/2025 - 9:30 AM | Solid Pipe - BGS (ft): 40

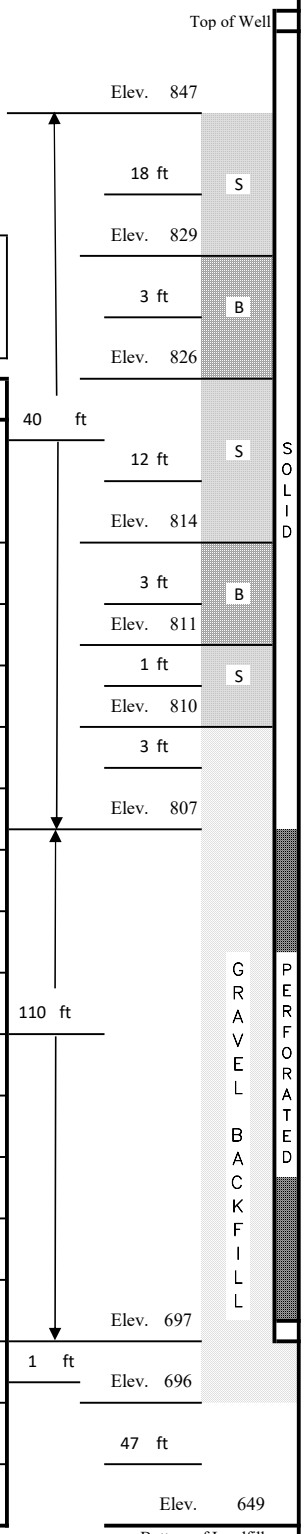
Date - Time Well Completed: 1/23/2025 - 1:36 PM | Perforated Pipe (ft): 110

Notes:

Stopped drilling at 151' because the kelly bars kept sticking, project group decided to set the well.

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10	10	10				80	Wood Boards	Little	Normal	110
10 - 20	10	10				80	Wood Boards	Little	Damp	130
20 - 30	10	10				80	Wood Boards	Little	Damp	131
30 - 40	10	80	10			0		Moderate	Damp	143
40 - 50	10	80	10			0		Moderate	Damp	150
50 - 60	70	10	10			10	Metal	Moderate	Damp	154
60 - 70	10	80	10			0		Moderate	Damp	155
70 - 80	10	80	10			0		Moderate	Damp	175
80 - 90			80			20	Wire-10 - Tire Shreads-10	Moderate	Damp	162
90 - 100	10	40	50			0		Much	Damp	176
100 - 110	10	30	60			0		Much	Damp	176
110 - 120	10	30	60			0		Much	Saturated	172
120 - 130	10	30	60			0		Much	Saturated	176
130 - 140	10	30	60			0		Much	Saturated	175
140 - 150	10	40	50			0		Much	Saturated	180
150 - 160						-				



Location (Cell): 4A

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-439

Client: Waste Connections | Elevation of Ground Surface (ft): 859

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In CPVC | 5/8" Perforations

Wellbore Reinforcement Grate Installed: No

Northing: 17564.00 | Latitude: 46.97344926

Easting: 21274.05 | Longitude: -122.29299480

Cover Soil Depth (ft): 30

Date - Time Drilling Started: 1/4/2025 - 7:45 AM | Borehole Depth (ft): 151

Date - Time Drilling Finished: 2/5/2025 - 1:05 PM | Solid Pipe - BGS (ft): 80

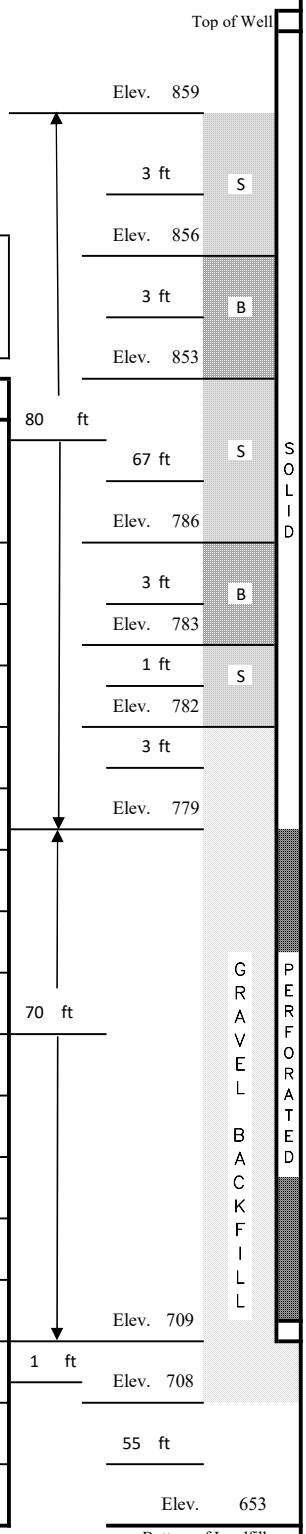
Date - Time Well Completed: 2/5/2025 - 5:30 PM | Perforated Pipe (ft): 70

Notes:

1-4-25 - Stopped drilling at 103', Backfilled to 40' from grade. Continued 2-5-25, drilled to 151'

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10						100	Soil Cover	Little	Damp	61
10 - 20						100	Soil Cover	Little	Damp	101
20 - 30	10	10	80			0		Little	Damp	88
30 - 40			80			20	Soil	Little	Damp	56
40 - 50			80			20	Soil	Little	Damp	113
50 - 60			80			20	Soil	Moderate	Saturated	91
60 - 70	10	70	20			0		Much	Saturated	111
70 - 80	10	40	30			20	Soil	Much	Saturated	122
80 - 90	10	30	50			10	Soil	Much	Saturated	110
90 - 100	10	30	50			10	Soil	Much	Saturated	83
100 - 110	10	50	40			0		Much	Saturated	121
110 - 120	10	50	20			20	Soil	Much	Saturated	138
120 - 130						100	Soil and Road Material	Little	Wet	160
130 - 140		10	90			0		Much	Saturated	115
140 - 150		50	20			30	Soil	Much	Saturated	120
150 - 160						-				



Location (Cell): 4A

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-440

Client: Waste Connections | Elevation of Ground Surface (ft): 849

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In CPVC | 5/8" Perforations

Wellbore Reinforcement Grate Installed: No

Northing: 17341.69 | Latitude: 46.97284637

Easting: 21378.29 | Longitude: -122.29255710

Cover Soil Depth (ft): 3

Date - Time Drilling Started: 1/21/2025 - 8:00 AM | Borehole Depth (ft): 153

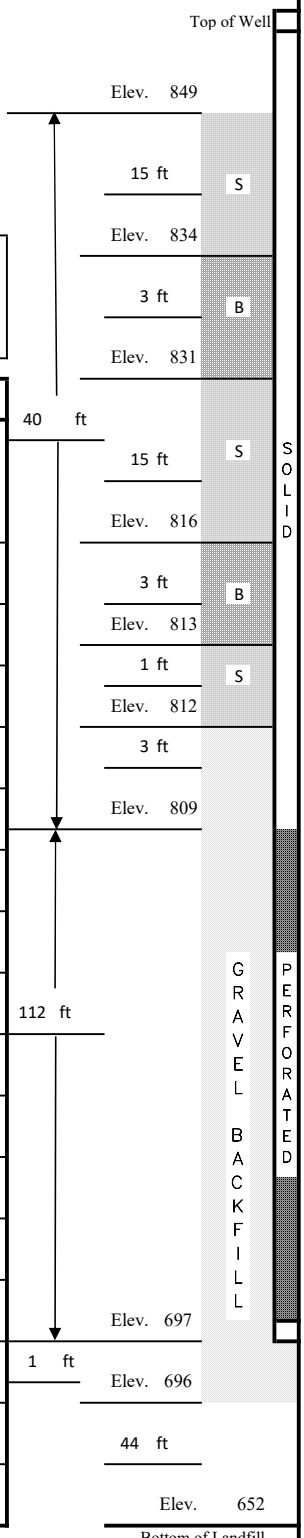
Date - Time Drilling Finished: 1/21/2025 - 4:30 PM | Solid Pipe - BGS (ft): 40

Date - Time Well Completed: 1/21/2025 - 6:35 PM | Perforated Pipe (ft): 112

Notes:

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10	30	60	10			0		Little	Damp	84
10 - 20	10	20	70			0		Moderate	Damp	108
20 - 30	10	20	70			0		Moderate	Damp	117
30 - 40	10	20	70			0		Moderate	Damp	123
40 - 50	10	60	20			10	Concrete	Moderate	Damp	141
50 - 60	20	70				10	Wire	Moderate	Damp	147
60 - 70	10	80	10			0		Moderate	Damp	149
70 - 80		10				90	Cover Soil	Moderate	Damp	160
80 - 90	10	70	20			0		Moderate	Damp	155
90 - 100	10	70	20			0		Moderate	Damp	166
100 - 110	10	70	20			0		Much	Damp	174
110 - 120	20	40	40			0		Much	Damp	180
120 - 130	10	40	50			0		Much	Wet	191
130 - 140	10	40	50			0		Much	Wet	187
140 - 150	10	40	50			0		Much	Wet	192
150 - 160	10	50	40			0		Much	Wet	192



Location (Cell): 2A

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-441

Client: Waste Connections | Elevation of Ground Surface (ft): 831

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In Steel 3/8"X6" Slotted

Wellbore Reinforcement Grate Installed: No

Northing: 17686.58 | Latitude: 46.97379563

Easting: 21439.98 | Longitude: -122.29234141

Cover Soil Depth (ft): 19

Date - Time Drilling Started: 2/10/2025 - 9:00 AM | Borehole Depth (ft): 161

Date - Time Drilling Finished: 2/11/2025 - 1:20 PM | Solid Pipe - BGS (ft): 21

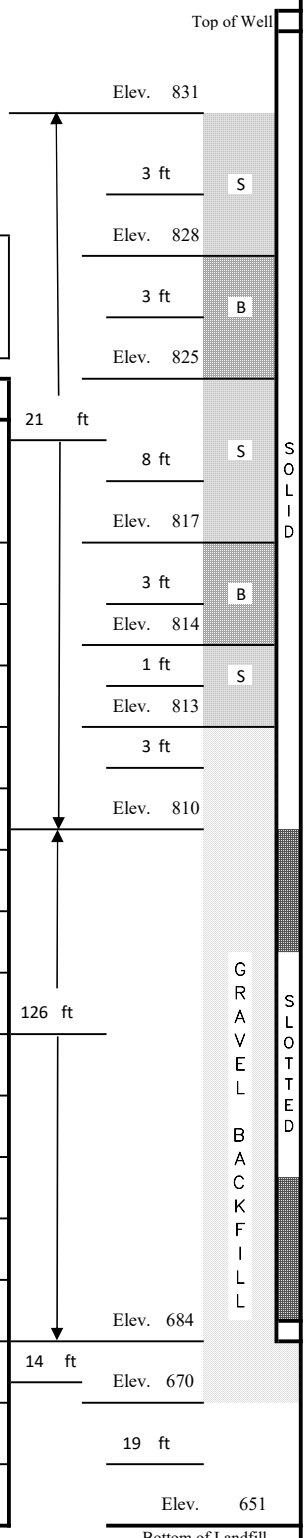
Date - Time Well Completed: 2/11/2025 - 4:00 PM | Perforated Pipe (ft): 126

Notes:

Waste encountered at 20'. Installing Steel pipe, setting pipe at 147' because there is no shorter pieces of steel pipe - Project group agreed.

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10						100	Cover Soil		Damp	56
10 - 20	20	80				0		Moderate	Damp	80
20 - 30	20	40	40			0		Much	Damp	105
30 - 40	20	30	50			0		Much	Damp	139
40 - 50	10	60	30			0		Much	Damp	133
50 - 60	10	60	30			0		Much	Damp	141
60 - 70	30					70	Road Material	Much	Wet	147
70 - 80	30					70	Road Material	Much	Wet	148
80 - 90	20	30				50	Soil	Much	Wet	150
90 - 100		30				70	Road Material 50-Soil 20	Much	Wet	178
100 - 110	30	60	10			0		Much	Wet	190
110 - 120	30	60	10			0		Much	Wet	202
120 - 130	20	40	40			0		Much	Wet	208
130 - 140	30	60	10			0		Much	Wet	203
140 - 150	30	50	18			2	Rubber	Much	Wet	201
150 - 160		60	30			10	Wire	Much	Wet	198



Location (Cell): 1

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-442

Client: Waste Connections | Elevation of Ground Surface (ft): 838

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In CPVC | 5/8" Perforations

Wellbore Reinforcement Grate Installed: No

Northing: 17541.66 | Latitude: 46.97340079

Easting: 21478.99 | Longitude: -122.29217199

Cover Soil Depth (ft): 30

Date - Time Drilling Started: 2/6/2025 - 7:15 AM | Borehole Depth (ft): 161

Date - Time Drilling Finished: 2/7/2025 - 4:00 PM | Solid Pipe - BGS (ft): 40

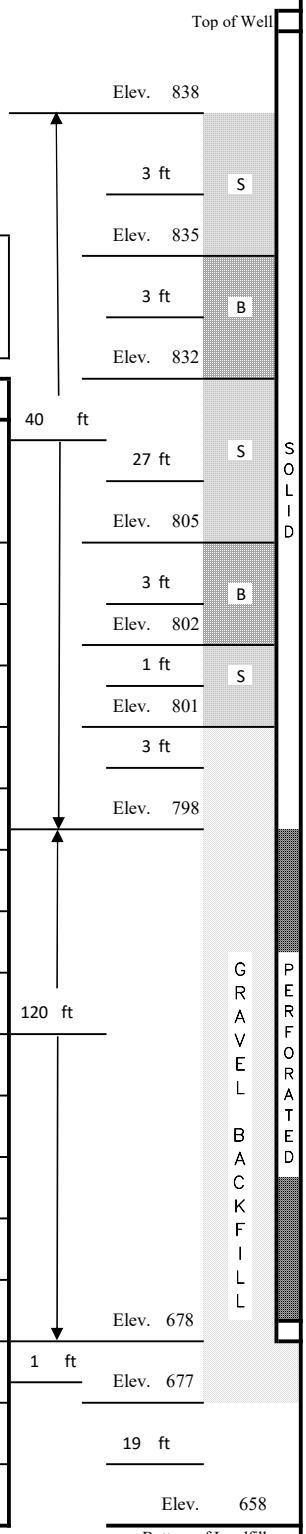
Date - Time Well Completed: 2/7/2025 - 6:00 PM | Perforated Pipe (ft): 120

Notes:

Waste encountered at 23', stopped drilling at 98'. Maintenance completed on the drill rig 2-7-25.

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10						100	Cover Soil		Damp	65
10 - 20						100	Cover Soil		Damp	80
20 - 30	20	40	20			20	Wire	Moderate	Damp	110
30 - 40	10	70	10			10	Steel	Much	Damp	130
40 - 50		20	80			0		Much	Damp	134
50 - 60	10	80	10			0		Much	Damp	139
60 - 70	10	50	20			20	Steel	Much	Damp	137
70 - 80			5			95	Road Material, Soil	Much	Wet	144
80 - 90			5			95	Road Material, Soil	Much	Wet	146
90 - 100		70	30			0		Much	Wet	155
100 - 110	10	80	10			0		Much	Wet	165
110 - 120	10	70	20			0		Much	Wet	178
120 - 130	10	70	20			0		Much	Wet	185
130 - 140	20	70	10			0		Much	Wet	184
140 - 150	20	70	10			0		Much	Wet	182
150 - 160	20	30	50			0		Much	Wet	170



Location (Cell): 1

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI

Extraction Well ID: WE-443

Client: Waste Connections

Elevation of Ground Surface (ft): 836

Drilling Company: Continuum Environmental Services

Casing Size, Material: 8-In CPVC 5/8" Perforations

Wellbore Reinforcement Grate Installed: No

Northing: 17639.71 Latitude: 46.97367663

Easting: 21592.39 Longitude: -122.29172679

Cover Soil Depth (ft): 7

Date - Time Drilling Started: 2/12/2025 - 7:22 AM

Borehole Depth (ft): 166

Date - Time Drilling Finished: 2/13/2025 - 9:30 AM

Solid Pipe - BGS (ft): 27

Date - Time Well Completed: 2/14/2025 - 4:30 PM

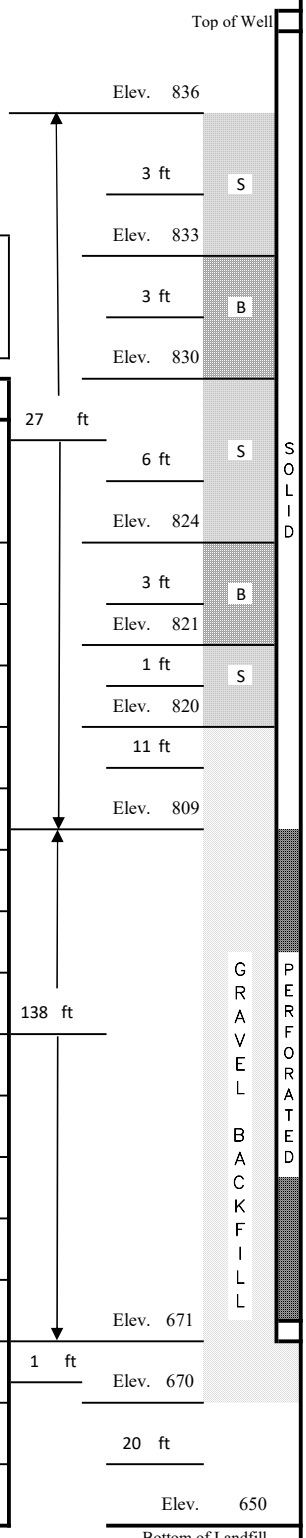
Perforated Pipe (ft): 138

Notes:

Drilled to 140' on 2-12. Continued drilling on 2-13 to full depth, 166'. Over filled the well with stone, crew had to dig down 14.5' and add bentonite plug.

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10		10	83			7	Cover Soil	Little	Damp	104
10 - 20		10	10	80		0		Little	Damp	105
20 - 30	8	40	50			2	Wire	Moderate	Damp	117
30 - 40	10	10				80	Wire	Moderate	Damp	134
40 - 50	10	10	80			0		Moderate	Damp	135
50 - 60		10	10			80	Road Material	Moderate	Damp	139
60 - 70	40	40	20			0		Much	Damp	135
70 - 80	5	10	5			80	Road Material	Much	Damp	159
80 - 90		20				80	Road Material	Much	Damp	148
90 - 100	10	80				10	Steel-2 - Soil -8	Much	Damp	175
100 - 110	10	80	8			2	Wire	Much	Damp	166
110 - 120	10	85	5			0		Much	Damp	175
120 - 130	10	80	5			5	Steel	Much	Damp	181
130 - 140	10	10	80			0		Much	Wet	183
140 - 150	10	20	70			0		Much	Wet	173
150 - 160	40	50	10			0		Much	Wet	170



Location (Cell): 1

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-444

Client: Waste Connections | Elevation of Ground Surface (ft): 846

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In CPVC | 5/8" Perforations

Wellbore Reinforcement Grate Installed: No

Northing: 17439.43 | Latitude: 46.97312844

Easting: 21605.49 | Longitude: -122.29165609

Cover Soil Depth (ft): 4

Date - Time Drilling Started: 3/7/2025 - 7:30 AM | Borehole Depth (ft): 127

Date - Time Drilling Finished: 3/8/2025 - 12:00 PM | Solid Pipe - BGS (ft): 27

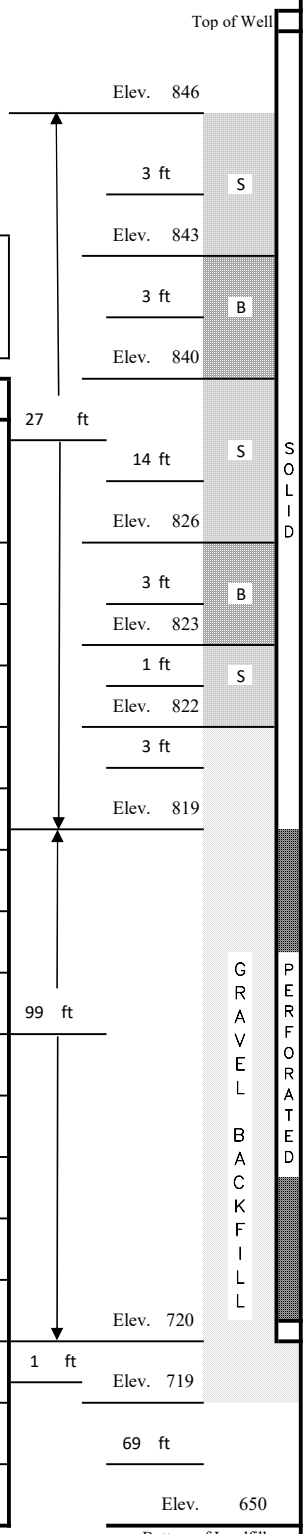
Date - Time Well Completed: 3/8/2025 - 4:30 PM | Perforated Pipe (ft): 99

Notes:

Drilling stoppped at 127' due to obstruction and drilling going down for repairs.

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10	30	30		30	10	0		Some	Normal	61
10 - 20	10	40		30	20	0		Some	Damp	80
20 - 30	20	40	10	20	10	0		Moderate	Damp	92
30 - 40	30	40		30		0		Moderate	Wet	95
40 - 50	40	40		10	10	0		Moderate	Wet	102
50 - 60		30	10	10	50	0		Much	Wet	115
60 - 70	10	40	10	20	20	0		Much	Wet	110
70 - 80	20	40		20	20	0		Much	Wet	141
80 - 90		20				80	Rock, dirt	Severe	Wet	151
90 - 100	20	30		10		40	Rock, Dirt	Severe	Wet	158
100 - 110		10		10	40	40	Rock, Dirt	Severe	Saturated	154
110 - 120	10	40		30		20	Rock	Severe	Wet	142
120 - 130		40		40	20	0		Much	Wet	148
130 - 140						-				
140 - 150						-				
150 - 160						-				



Location (Cell): 2A

CQA Technician: James Sandmel

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-445

Client: Waste Connections | Elevation of Ground Surface (ft): 830

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In Steel 3/8"X6" Slotted

Wellbore Reinforcement Grate Installed: No

Northing: 17604.48 | Latitude: 46.97358678

Easting: 21700.37 | Longitude: -122.29129111

Cover Soil Depth (ft): 3

Date - Time Drilling Started: 3/14/2025 - 10:10 AM | Borehole Depth (ft): 140

Date - Time Drilling Finished: 3/14/2025 - 4:00 PM | Solid Pipe - BGS (ft): 18

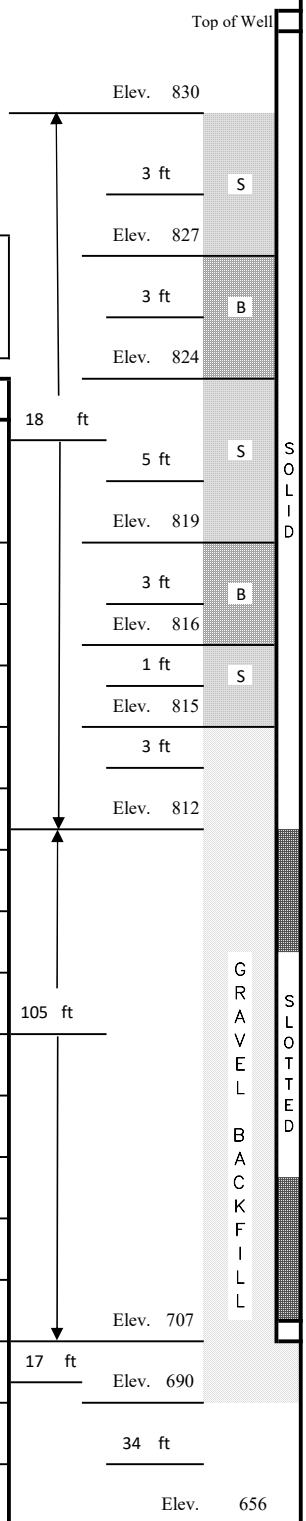
Date - Time Well Completed: 3/15/2025 - 11:30 AM | Perforated Pipe (ft): 105

Notes:

CES Installed Steel well casing.

Material

Depth (ft)	Percentage: Paper/Cardboard	Plastics	Yard Waste	Carpet/Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10	30	30	0	30	0	10	Cover Soil		Dry Refuse	112
10 - 20		20	10	70		0		Moderate	Normal	111
20 - 30	10	60		30		0		Moderate	Normal	109
30 - 40		40	20	40		0		Moderate	Normal	123
40 - 50		20	30	50		0		Moderate	Damp	128
50 - 60		10			80	10	Rock	Moderate	Damp	132
60 - 70		10			90	0		Severe	Damp	140
70 - 80		30				70	C&D	Much	Wet	142
80 - 90		90		10		0		Moderate	Normal	148
90 - 100	20	40		40		0		Moderate	Normal	161
100 - 110		30		30	40	0		Severe	Wet	186
110 - 120		30		60	10	0		Much	Damp	182
120 - 130					90	10	Rock	Severe	Damp	184
130 - 140	10	30		20		40	Wood	Moderate	Normal	172
140 - 150						-				
150 - 160						-				



Location (Cell): 1

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-446

Client: Waste Connections | Elevation of Ground Surface (ft): 840

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In CPVC | 5/8" Perforations

Wellbore Reinforcement Grate Installed: No

Northing: 17385.56 | Latitude: 46.97299190

Easting: 21784.02 | Longitude: -122.29093620

Cover Soil Depth (ft): 3

Date - Time Drilling Started: 3/12/2025 - 8:40 AM | Borehole Depth (ft): 140

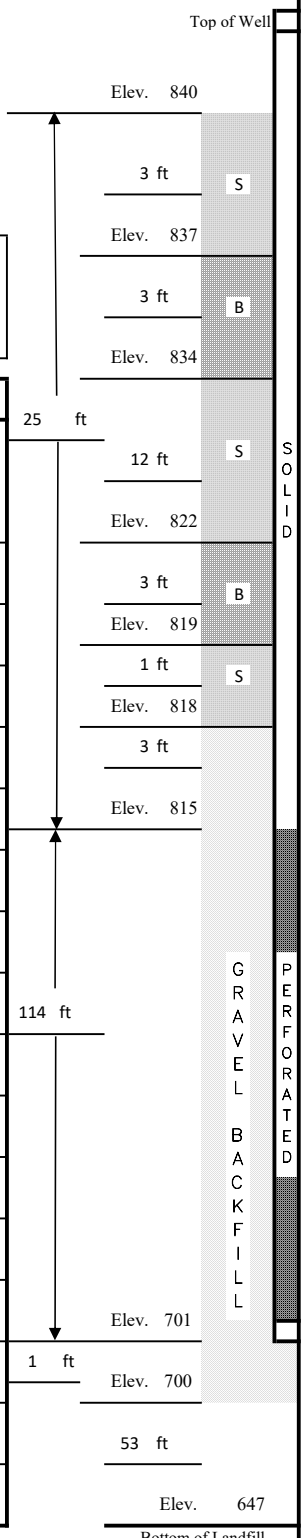
Date - Time Drilling Finished: 3/12/2025 - 3:00 PM | Solid Pipe - BGS (ft): 25

Date - Time Well Completed: 3/13/2025 - 9:00 AM | Perforated Pipe (ft): 114

Notes:

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10	20	60		10		10	Dirt	Little	Dry Refuse	96
10 - 20	20	40	10	30		0		Some	Dry Refuse	120
20 - 30	10	30	10	10	20	20	Rock, Dirt	Moderate	Normal	112
30 - 40					50	50	Rock, Dirt	Severe	Saturated	118
40 - 50					50	50	Rock, Dirt	Severe	Saturated	114
50 - 60		20			40	40	Rock, Dirt	Severe	Saturated	120
60 - 70		10				90	Rock, Concrete	Much	Wet	116
70 - 80			10	10		80	Rock, Wood	Severe	Wet	119
80 - 90		10		10	30	50	Rock, Dirt	Much	Damp	125
90 - 100		20	20	20		40	Rock, Dirt	Much	Normal	131
100 - 110		20				80	Rock, C&D	Much	Normal	129
110 - 120	20	60		20		0		Some	Normal	160
120 - 130	20	40		20	20	0		Moderate	Normal	156
130 - 140			20			80	Rock, C&D	Much	Normal	161
140 - 150						-				
150 - 160						-				



Location (Cell): 2A

CQA Technician: James Sandmel

Bentonite | Soil | Gravel

Gas Extraction Well Drilling Summary

Weaver Consultants Group

Landfill Site: LRI | Extraction Well ID: WE-447

Client: Waste Connections | Elevation of Ground Surface (ft): 802

Drilling Company: Continuum Environmental Services | Casing Size, Material: 8-In CPVC 5/8" Perforations

Wellbore Reinforcement Grate Installed: No

Northing: 16637.09 | Latitude: 46.97091982

Easting: 21457.31 | Longitude: -122.29217651

Cover Soil Depth (ft): 8

Date - Time Drilling Started: 1/17/2025 - 8:53 AM | Borehole Depth (ft): 115

Date - Time Drilling Finished: 1/18/2025 - 1:15 PM | Solid Pipe - BGS (ft): 37

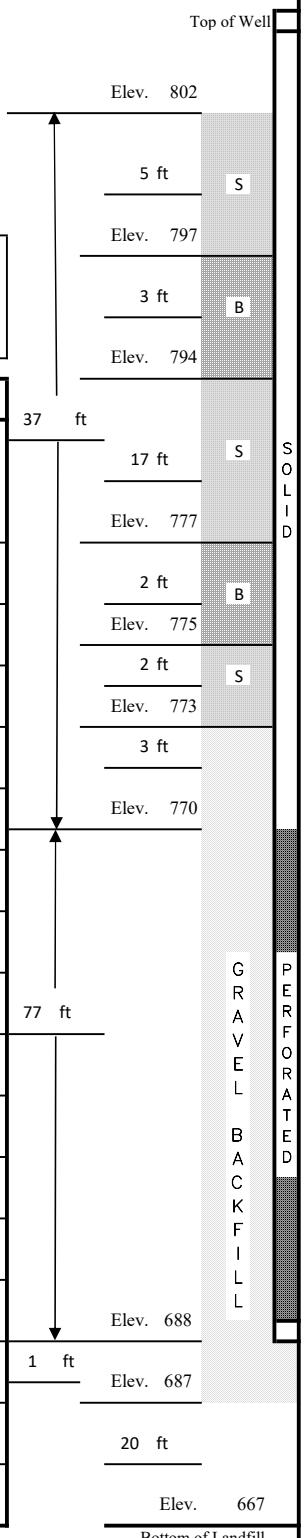
Date - Time Well Completed: 1/18/2025 - 4:15 PM | Perforated Pipe (ft): 77

Notes:

Well drilled to design depth.

Material

Depth (ft)	Percentage: Paper/ Cardboard	Plastics	Yard Waste	Carpet/ Textiles	Indiscernible	Other	Other Items	Decomp.	Moisture	Temp. (°F)
0 - 10		60	10			30	Wood Boards	Little	Normal	84
10 - 20	20	60	10			10	Wire	Little	Damp	145
20 - 30	30	50	10			10	Wire	Moderate	Damp	156
30 - 40	60	30	10			0		Moderate	Damp	183
40 - 50	60	30	10			0		Moderate	Damp	184
50 - 60	30	60	10			0		Much	Damp	178
60 - 70	0	0	0	0	0	100	Soil, Rock	Little	Damp	171
70 - 80	20	70	10			0		Much	Damp	170
80 - 90	20	80				0		Much	Damp	160
90 - 100	10	70	20			0		Much	Wet	150
100 - 110	10	70	20			0		Much	Wet	140
110 - 120						-				
120 - 130						-				
130 - 140						-				
140 - 150						-				
150 - 160						-				



Location (Cell): 3A

CQA Technician: Randy Liggett

Bentonite | Soil | Gravel

APPENDIX B

DAILY CQA LOGS

Weaver Consultants Group

Daily Field Report

Project:	2025 Phase 3 LGS Expansion	Date:	Monday, January 13, 2025
Facility:	LRI Landfill	Weather: AM:	29 ° F Cloudy
Location:	Graham, WA	Weather: PM:	38 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 1:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

LRI had the kick-off meeting and discussed safety concerns about the site.
Weaver helping Survey crew stake the wells to be drilled.
Continuum welding on drill and getting set up.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Tuesday, January 14, 2025
Facility:	LRI Landfill	Weather: AM:	34 ° F Cloudy
Location:	Graham, WA	Weather: PM:	42 ° F P.Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 1:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HMA Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum getting set up. No drilling today. Some of the 1" to 3" stone delivered today.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Wednesday, January 15, 2025
Facility:	LRI Landfill	Weather: AM:	32 ° F Foggy
Location:	Graham, WA	Weather: PM:	46 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 1:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HMA Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

Wells Staked

Summary of samples collected and delivered:

Stone for wells

Description of work performed:

No drilling today. Continuum continued working on drill today, welding and ECT: Rick with survey and I staked out the rest of the wells to be drilled. Rick returned to survey office to gather data and send to Weaver. Jose and I walked the newly staked wells and Jose said he was ok with the locations. Stone for wells continued to be delivered to site.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Thursday, January 16, 2025
Facility:	LRI Landfill	Weather: AM:	34 ° F Cloudy
Location:	Graham, WA	Weather: PM:	42 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 1:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HMA Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

Stone continued to be delivered to site.

Description of work performed:

Continuum continued maintenance on the drill. Continuum finished the maintenance and discovered a bad cable. Continuum changed cable and tracked to well WE-447 and set up to start drilling in the morning. Continuum placed caution tape around the front of drill before leaving for the day.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Friday, January 17, 2025
Facility:	LRI Landfill	Weather: AM:	28 ° F P.Sunny
Location:	Graham, WA	Weather: PM:	41 ° F P.Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 4:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HMP Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

Stone continued to be delivered to site.

Description of work performed:

Continuum started to drill WE-447 at 7:53 AM. Drill depth on WE-447 is 115-feet. Temps were reaching 185 Degrees at 40 and 50-feet so we sent out text to the group to let everyone know. At 10:00AM drill blew a hydraulic hose. Continuum covered hole with a 1" thick by 4x8 plate of steel and placed soil over top to keep gas in hole. Hydraulic repair mechanic came to fix hose and did not have all the parts. Hydraulic repair mechanic left the site to find the parts and returned around 3:00PM to finish repairing hose. No drilling was performed after drill was repaired. Continuum will resume in the morning at 50-feet. WE-447 well was covered for the night with caution tape around the hole.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Saturday, January 18, 2025
Facility:	LRI Landfill	Weather: AM:	21 ° F P.Sunny
Location:	Graham, WA	Weather: PM:	41 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 4:30 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck and Rented Water truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

Description of work performed:

Continuum started to drill WE-447 at 7:47AM. Continuum installed the gas well with 77-feet of 8-inch CPCV with 3-Centralizers and 37-feet of 6 inch solid CPVC The well was completed with 1 to 3 inch stone 3-foot over the perforated section with a geotextile ring, 3-foot of bottom hole plug and seal bentonite with water mix, soil and 3-foot of upper bentonite plug and clean soil to grade. WE-447 was completed at 4:15 PM.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Monday, January 20, 2025
Facility:	LRI Landfill	Weather: AM:	22 ° F P.Sunny
Location:	Graham, WA	Weather: PM:	42 ° F P.Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 3:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-436 at 7:45AM. 2 foot of cover soil encountered. 93 degrees at 10-feet. At 13-feet hit steel and broke off 3 shanks and a couple of teeth. Decided to move WE-436 to the NE 10-feet. Notified survey crew to locate move. Continuum welded on bucket the rest of day replacing shanks and teeth.. Continuum will move to WE-440 in the morning to start drilling well.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Tuesday, January 21, 2025
Facility:	LRI Landfill	Weather: AM:	25 ° F Sunny
Location:	Graham, WA	Weather: PM:	43 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 7:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes / Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-440 at 8:00 AM. Drill depth on WE-440 is 177-feet. At 8:10 AM an O-Ring failed. Continuum replaced O-Ring and drill was running by 8:25 AM. At 2:00 PM started to getting back pressure in well at 153-feet so Continuum called the group to see if we could set the well. Group agreed to set well at 153-feet. Continuum installed the gas well with 112-feet of 8-inch perforated CPVC pipe with 3-stabilizers and 40-feet of solid wall CPVC section 1-foot off the bore depth. The well was completed with 1 to 3 inch stone 3-foot over the perforated section with a geocomposite ring, a bottom 3-foot of hole plug bentonite with water mix, clean soil, and a top 3-foot bentonite plug and clean soil to grade. WE-440 was completed at 6:35 PM.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Wednesday, January 22, 2025
Facility:	LRI Landfill	Weather: AM:	28 ° F Sunny
Location:	Graham, WA	Weather: PM:	43 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Group, Ltd		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 5:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-436 at 8:00 AM. Target depth on WE-436 is 178-feet. Continuum drilled to 120-feet with damp material and no problems. At 120-feet Continuum drilled into saturated conditions around 12:15 PM. Drilling slowed to 15 to 20-feet per hour. Continuum started their slow drill at 1:15 PM and called the group. The group decided to keep drilling until 4:15 PM and backfill well to the 100-foot mark. Continuum reached the depth of 155-feet at end of day. Continuum filled well up to the 100 foot mark and covered the well with (2) 4x8 plates of steel and covered with soil for the night. Continuum will clean well out soil in the morning and try to reach the target depth of 178-feet.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Thursday, January 23, 2025
Facility:	LRI Landfill	Weather: AM:	26 ° F Sunny
Location:	Graham, WA	Weather: PM:	42 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Group, Ltd		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 4:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum continued to drill EW-436 at 8:00 AM removing soil that was backfilled to the 100-foot mark. Drill depth on EW-436 is 178-feet. Continuum reached 151 feet and the Kelly started to hang up so called group to set the well. Group agreed to set well at 151 feet. Continuum installed the gas well with 110-feet of 8-inch perforated CPVC pipe with 3-stabilizers and 40-feet of solid wall CPVC because the hole caved in 6 feet while we was installing pipe1-foot off the bore depth. The well was completed with 1 to 3 inch stone 3-foot over the perforated section with a geocomposite ring, a bottom 3-foot of hole plug bentonite with water mix, clean soil, and a top 3-foot bentonite plug and clean soil to grade. EW-436 was completed at 1:30 PM.
Continuum moved to WE-434 on top of stockpile. Continuum worked on drill for a couple of hours and started to drill into stockpile. The drill started to sink so pulled back off well to fill in around tracks. Continuum cleaned up mud around well area to get set up better, moved back onto well and drilled a little and pulled back off because drill was sinking. Ended up drilling 15 feet. Continuum left for the day. Decided to ask George if they could use the mats that was stockpiled out front. George checked with owners and said yes later in the day.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Friday, January 24, 2025
Facility:	LRI Landfill	Weather: AM:	31 ° F Cloudy
Location:	Graham, WA	Weather: PM:	44 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Group, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 10:00 AM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Arrived to work this morning and the driller said he was sick and was not working today. Crew for Continuum stayed and cleaned up around wells WE-447, EW-440, and EW-436 with excavator.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Monday, January 27, 2025
Facility:	LRI Landfill	Weather: AM:	26 ° F Sunny
Location:	Graham, WA	Weather: PM:	46 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Group, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 4:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-434 at 7:47 AM. Drill depth on WE-434 is 194-feet. The drill ran into saturated material at 57-feet and installed muck bucket at 9:30 AM. At 10:15 AM the cable failed at 65-feet. Continuum drilled to 75-feet by 3:30PM and never pulled out any trash still in stockpile. Continuum covered the well with steel plate and covered with soil. Decided to continue the next day.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Tuesday, January 28, 2025
Facility:	LRI Landfill	Weather: AM:	26 ° F Sunny
Location:	Graham, WA	Weather: PM:	46 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Group, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 4:30 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum continued to drill WE-434 at 7:45 AM. Drill depth on WE-434 is 194-feet continued to drill at 72-feet. Continuum continued to remove the saturated material from stockpile. At 92-feet continuum started to remove sledge waste At 100-feet temp was 70 degrees and at 110-feet temp was 162 degrees. Continuum continued to drill to 115-feet by 4:00PM and covered the well with the steel plates.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2025 Phase 3 LGS Expansion	Date:	Wednesday, January 29, 2025
Facility:	LRI Landfill	Weather: AM:	26 ° F Sunny
Location:	Graham, WA	Weather: PM:	48 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 4:30 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

WE-434 was covered from day before and caved-in overnight. Well was drilled to 115-feet day before. Continuum started to drill at 90 feet. (7:45 AM) Continuum drilled to a depth of 117 feet at 12:50 PM and called the group to see if they could set the pipe because of being saturated. Group agreed. While setting pipe hole caved in 22 feet. WE-434 ended up setting well at 92-feet.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Thursday, January 30, 2025
Facility:	LRI Landfill	Weather: AM:	28 ° F Cloudy
Location:	Graham, WA	Weather: PM:	44 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 5:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum finished setting WE-434 after settling for the night. Added a little more 1 to 3 inch stone, geotextile ring, soil, lower bentonite seal. soil, upper bentonite seal, and soil to grade, well completed at 11:30AM.

Continuum started to drill WE-435 at 7:45 AM. Drill depth on WE-435 is 193-feet. At 10:00AM an O-Ring failed on drill rig. Continuum replaced O-Ring and drill was running by 10:20 AM. Continuum drilled into waste at 80 feet. Started to drill into wet material at 130-feet. 197 degrees at 140-feet / 205 degrees at 145 feet / 204 degrees at 150 feet. Stopped at 150-feet for the day and covered waste and well hole with steel plates with soil over top.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Friday, January 31, 2025
Facility:	LRI Landfill	Weather: AM:	38 ° F Rain
Location:	Graham, WA	Weather: PM:	49 ° F Rain
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 9:00 AM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Rained Out

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Tuesday, February 4, 2025
Facility:	LRI Landfill	Weather: AM:	29 ° F Sunny
Location:	Graham, WA	Weather: PM:	39 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 2:30 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-439 at 7:45 AM. Drill depth on WE-439 is 186-feet. Continuum started to hit waste at 30 feet. At 51 foot continuum hit water. Continuum worked through the water until 103 feet where they stopped and filled the well back up to 40 feet below surface with select soil. Temps were low so far on WE439. Continuum covered hole with 2-steel plates and covered plates with soil. LRI has cut the wind defender for the next wells so Continuum started to build roads to the wells.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Wednesday, February 5, 2025
Facility:	LRI Landfill	Weather: AM:	29 ° F Cloudy
Location:	Graham, WA	Weather: PM:	39 ° F Snow
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 5:30 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

1"-3" Stone delivered / 6" CPVC solid pipe delivered

Description of work performed:

Continuum continued to drill WE-439 at 7:15 AM. Continuum removed soil that backfilled. Drill depth on WE-439 is 186-feet. At 10:20 AM the cable got tangled up in the spool, drill was back running by 11:30AM. Continuum drilled to a depth of 151-feet. Group agreed to set well at 151-feet. Continuum installed the well with 70-feet of 8-inch perforated CPVC pipe with 3-stabilizers and 80-feet of solid wall 6" CPVC section 1-foot off the bore depth. The well was completed with 1 to 3 inch stone 3-foot over the perforated section with a geocomposite ring, a bottom 3-foot of hole plug bentonite with water mix, clean soil, and a top 3-foot bentonite plug and clean soil to grade. WE-439 was completed at 5:30 PM.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Thursday, February 6, 2025
Facility:	LRI Landfill	Weather: AM:	31 ° F Sunny
Location:	Graham, WA	Weather: PM:	42 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Group, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 2:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

1-3" stone

Description of work performed:

Continuum started to drill WE-442 at 7:15 AM. Drill depth on WE-442 is 160-feet. Continuum started to encounter waste at 30 feet and was wet at 80 feet. The highest temp was 146 degrees. Stopped at 98-feet to weld shanks back on bucket after hitting some steel. 11:00AM, Continuum covered well with steel plates and added soil on plates for overnight.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Friday, February 7, 2025
Facility:	LRI Landfill	Weather: AM:	26 ° F Cloudy
Location:	Graham, WA	Weather: PM:	40 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 6:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum continued to drill WE-442 at 7:00 AM. Drill depth on WE-442 is 160-feet. At 11:00AM the Kelly was hanging up at 145-feet, so Continuum tore Kelly apart so they could clean and grease. The drill was running by 2:50PM. Continuum continued to drill to the target depth of 160-feet. Continuum installed the well with 120-feet of 8-inch perforated CPVC pipe with 3-stabilizers and 40-feet of 6" solid wall CPVC section 1-foot off the bore depth. The well was completed with 1 to 3 inch stone 3-foot over the perforated section with a geocomposite ring, 1-foot of soil, a bottom 3-foot of hole plug bentonite with water mix, clean soil, and a top 3-foot bentonite plug and clean soil to grade. WE-442 was completed at 6:00 PM.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Monday, February 10, 2025
Facility:	LRI Landfill	Weather: AM:	24 ° F Sunny
Location:	Graham, WA	Weather: PM:	39 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 3:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-441 at 9:00 AM after a delay. Drill depth on WE-441 is 160-feet. Waste was encountered at 20 feet and the highest temp was 141 at 60-feet. The driller for Continuum said he was on top of water at 60-feet so we stopped drilling because we would not be able to finish well. Continuum covered well with steel plates and soil on top. Continuum will continue on Tuesday.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Tuesday, February 11, 2025
Facility:	LRI Landfill	Weather: AM:	17 ° F Sunny
Location:	Graham, WA	Weather: PM:	39 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 4:30 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum continued to drill WE-441 at 7:15 AM. Drill depth on WE-441 is 160-feet. Continuum reached full depth at 12:00PM with temperature's reaching 208 degrees. Group decided to install 8" steel pipe. Continuum installed the well with 126-feet of 8-inch perforated steel pipe with 3-stabilizers and 21-feet of 8" solid steel wall section. The well was completed with 1 to 3 inch stone 3-foot over the perforated section with a geotextile ring, 1-foot of soil, a bottom 3-foot of hole plug bentonite with water mix, clean soil, and a top 3-foot bentonite plug and clean soil to grade. WE-441 was completed at 4:00PM.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Wednesday, February 12, 2025
Facility:	LRI Landfill	Weather: AM:	21 ° F Sunny
Location:	Graham, WA	Weather: PM:	42 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 5:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-443 at 7:22 AM. Drill depth on WE-443 is 166-feet. The drill encountered waste at 7 feet. Continuum drilled all day and reached the depth of 140-feet. The hottest temperature was 183 degrees at 140-feet. Continuum covered well with 2-steel plates with soil on top at end of the day and cleaned up the area around well.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Thursday, February 13, 2025
Facility:	LRI Landfill	Weather: AM:	25 ° F Cloudy
Location:	Graham, WA	Weather: PM:	39 ° F Snow
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 5:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum continued to drill WE-443 at 7:15 AM. Target depth on WE-443 is 166-feet. Continuum continued to drill to the target depth of 166 feet by 9:30 am. Continuum installed the well with 138-feet of 8-inch perforated CPVC pipe with 3-stabilizers. Continuum had some issues with the pipe installation so could not complete. Continuum covered well with 2-steel plates and soil on top, added a 8" cap on 8-inch CPVC. Continuum will finish the well on Friday.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Friday, February 14, 2025
Facility:	LRI Landfill	Weather: AM:	25 ° F Snow
Location:	Graham, WA	Weather: PM:	39 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 5:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum already had the 8-inch perforated CPVC pipe with 3-stabilizers along with the 8-foot of solid 8" installed on 2-13-25. Continuum working on the 6-inch sleeve, 8-inch to 6-inch reducer which was screwed on to the top of reducer. 20-feet of 6-inch solid wall CPVC section. The well was completed with 1 to 3 inch stone 3-foot over the perforated section in which Continuum made a mistake of filling borehole to the top of borehole, so Continuum had to excavate along side of borehole to remove the excess stone. Continuum reached a depth of 14-feet 3-inches before adding, Geotextile ring, 1-foot of soil, 60 bags of hydrated bottom bentonite hole plug, clean soil, and another 60 bags of hydrated top bentonite plug and clean soil to grade. WE-443 was completed at 5:00 PM. The material removed along the borehole was taken to the face.
Continuum cleaned up area around the WE-443 borehole after well was completed.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Monday, February 17, 2025
Facility:	LRI Landfill	Weather: AM:	41 ° F Rain
Location:	Graham, WA	Weather: PM:	49 ° F Rain
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 8:00 AM	Departed Site: 4:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

True Point Survey staked out WE-437 and WE-438

Summary of samples collected and delivered:

N/A

Description of work performed:

Isaac with True Point Survey arrived on site and staked out new locations for WE437 and WE438.

Continuum arrived on site to set up on next well to be drilled WE-445.

Rained off and on all day.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Tuesday, February 18, 2025
Facility:	LRI Landfill	Weather: AM:	40 ° F Cloudy
Location:	Graham, WA	Weather: PM:	51 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 2:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

True Point Survey staked WE-437 and WE-438.

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-445 at 7:15 AM. Drill depth on WE-445 is 154-feet. Continuum drilled to a depth of 38-feet by 9:20AM with the highest temperature at 117 degrees when the shaft broke leaving the kelly bar and bucket stuck in the waste. Continuum has to set up a big crane and man lift to be able to remove the kelly bar and see what the damage is. Crane is supposed to be delivered on the 19th.

The other survey crew arrived on-site to stake WE-437 and WE-438. The stakes were 5-feet from the ones True Point survey staked there's.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Wednesday, February 19, 2025
Facility:	LRI Landfill	Weather: AM:	42 ° F Rain
Location:	Graham, WA	Weather: PM:	49 ° F Rain
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 3:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum is finding a big enough crane and man-lift to remove Kelly from well. LRI is trying to decide if they want to drill the remaining wells to 140 feet.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Thursday, February 20, 2025
Facility:	LRI Landfill	Weather: AM:	41 ° F Cloudy
Location:	Graham, WA	Weather: PM:	50 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 5:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum tried to remove Kelly with Drill, 320 Excavator, D4 Dozer, and man-lift. Continuum had half of the Kelly out when chain broke Kelly came back down around 10:00 AM. Crane company (Barnhart Crane Co) left around 9:30 AM. Continuum set up for crane company to remove Kelly.

Barnhart arrived on site around 11:00 AM and set up. Kelly was removed by 2:30 PM . Crane Company was done and up out of area by 3:30 PM and on the road by 4:00 PM. Continuum took the Kelly up on the hill and brought the drill to the top to apply the other Kelly and bucket by 4:45 PM.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Friday, February 21, 2025
Facility:	LRI Landfill	Weather: AM:	39 ° F Cloudy
Location:	Graham, WA	Weather: PM:	53 ° F Rain
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 3:30 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum tried to remove lost bucket with drill, but could not. Continuum bought a big hook and tried to retrieve the lost bucket, but could not. Continuum decided to cover WE445 with well grate and plastic with soil on top. They will remove bucket at a later date.
Continuum was setting up to drill WE-437 and WE438 by hauling rock to build road and placing mats at the well locations.
Continuum loaded up Kelly and shipped it to Ohio for repair.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Monday, February 24, 2025
Facility:	LRI Landfill	Weather: AM:	45 ° F Rain
Location:	Graham, WA	Weather: PM:	55 ° F Rain
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 3:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-438 at 7:15 AM. Design drill depth on WE-438 was set to 140-feet since they had to switch to the short Kelly. Due to site conditions WE-438 was not drilled and was removed from drilling schedule.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Tuesday, February 25, 2025
Facility:	LRI Landfill	Weather: AM:	40 ° F Rain
Location:	Graham, WA	Weather: PM:	48 ° F Rain
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 1:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum decided not to work today because of weather conditions and site conditions.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Wednesday, February 26, 2025
Facility:	LRI Landfill	Weather: AM:	34 ° F Cloudy
Location:	Graham, WA	Weather: PM:	58 ° F Cloudy
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 5:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum started to drill WE-444 at 8:18AM. At 8:20AM the drill broke down. The packing seal on the cylinder failed. Continuum contacted a mechanic, mechanic scheduled to arrive on 2-27-25 to repair. What was drilled was filled with material to grade and stake replaced.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Thursday, February 27, 2025
Facility:	LRI Landfill	Weather: AM:	40 ° F Sunny
Location:	Graham, WA	Weather: PM:	61 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 3:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum worked on maintenance and welding on equipment in the morning.

Mechanic arrived to the site at 11:30 am to remove the cylinder from the drill to get repaired.

Mechanic's loaded the 17-foot cylinder onto a pickup and hauled to Tacoma, Washington at 2:30 pm.

Continuum is hoping to have the cylinder back by Monday, but Continuum will know more after cylinder arrives to repair shop.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Friday, February 28, 2025
Facility:	LRI Landfill	Weather: AM:	34 ° F Sunny
Location:	Graham, WA	Weather: PM:	59 ° F Sunny
Project No.:	0601-724-53-00	Precipitation:	N/A
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	Randy Liggett	Arrived On-Site: 7:00 AM	Departed Site: 3:00 PM

Summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, are estimated.

Description of work location:

LRI Landfill

Summary of materials installed:

N/A

List of contractor equipment and personnel:

(1) 730 Haul truck-Water Truck
(1) 289 Skid Steer-D4 Dozer
(1) 323 Excavator
(1) HPM Drill Rig

Summary of meetings, communication, and site visitors:

Colin McInnes/Austin Brazell

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Continuum working on equipment in the morning waiting on 42 inch bucket to arrive.

Continuum has e-mailed the group that the cylinder will not be repaired until 3-6-25 at the earliest and 3-10-25 at the latest.

CQA Rep. Signature: Randy Liggett

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Friday, March 7, 2025
Facility:	LRI Landfill	Weather: AM:	37 °F Overcast
Location:	Graham, WA	Weather: PM:	53 °F Clear
Project No.:	0601-724-53-00	Precipitation:	0.10”
Contractor(s):	Continuum Environmental Services Ltd.		
WCG CQA Rep.:	James Sandmel	Arrived On-Site: 06:30 am	Departed Site: 6:00 pm

An estimated summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, is provided.

Description of work location:

LRI Landfill

Summary of materials installed:

8” PVC Gas Extraction Well

List of contractor equipment and personnel:

Skid steer (1), Drill Rig (1), Cat 323 Excavator (1), Cat 730 Haul Truck(1)

Summary of meetings, communication, and site visitors:

N/A

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Observed CES begin drilling operations of WE-444 at 0730. Waste composition and temperatures recorded every 10 feet. At approximately 115’ a hard obstruction was struck and damaged the drilling bucket and main Kelly bar cable. The Drilling rig was moved to a safe location and the cable was replaced. Drilling was not completed today and will resume tomorrow.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LFS Expansion	Date:	Wednesday, March 12, 2025
Facility:	LRI Landfill	Weather: AM:	43 °F Overcast
Location:	Graham, WA	Weather: PM:	51 °F Overcast
Project No.:	0601-724-53-00	Precipitation:	0.10”
Contractor(s):	Continuum Environmental Services, Ltd		
WCG CQA Rep.:	James Sandmel	Arrived On-Site: 06:30 am	Departed Site: 6:00 pm

An estimated summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, is provided.

Description of work location:

LRI Landfill

Summary of materials installed:

8” CPVC Gas Extraction Well

List of contractor equipment and personnel:

Skid steer (1), Drill Rig (1), Cat 323 Excavator (1), Cat 730 Haul Truck(1)

Summary of meetings, communication, and site visitors:

N/A

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

The drill rig repairs have been made and drilling operations can continue. Observed Continuum began drilling operation of WE-446 at 0840. Waste composition and temperatures were recorded and documented every 10’. No major obstructions or delays were encountered. A maximum depth of 140’ was reached at 1500.

Observed CES begin setting the extraction well, utilizing 8” CPVC piping. The piping was installed with 114’ perf pipe and 25’ of solid pipe. Screening material was used to backfill the borehole along with bentonite and clean soil per the design plan. The extraction well was not complete due to the operating hours of heavy equipment. Installation will resume the following day.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Thursday, March 13, 2025
Facility:	LRI Landfill	Weather: AM:	39 °F Overcast
Location:	Graham, WA	Weather: PM:	57 °F Overcast
Project No.:	0601-724-53-00	Precipitation:	0.10”
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	James Sandmel	Arrived On-Site: 06:30 am	Departed Site: 6:00 pm

An estimated summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, is provided.

Description of work location:

LRI Landfill

Summary of materials installed:

8” CPVC Gas Extraction Well

List of contractor equipment and personnel:

Skid steer (1), Drill Rig (1), Cat 323 Excavator (1), Cat 730 Haul Truck(1)

Summary of meetings, communication, and site visitors:

N/A

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Observed Continuum made preparation to begin drilling WE-437. Road material and wooden mats were placed to allow the drill rig to maneuver to the staked location. CES began drilling at the staked location. At approximately 8’ the borehole began to collapse. The collapsing hole was undercutting the bench under the drill rig. For concerns of safety WE-437 and WE-438 have been removed from the well schedule until the surrounding area has dried.

Observed CES complete the extraction well installation at WE-446. The boot and remaining clean soil backfill was placed and the area cleaned up.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Friday, March 14, 2025
Facility:	LRI Landfill	Weather: AM:	41 °F Overcast
Location:	Graham, WA	Weather: PM:	49 °F Overcast
Project No.:	0601-724-53-00	Precipitation:	0.10”
Contractor(s):	Continuum Environmental Services, Ltd.		
WCG CQA Rep.:	James Sandmel	Arrived On-Site: 06:30 am	Departed Site: 6:00 pm

An estimated summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, is provided.

Description of work location:

LRI Landfill

Summary of materials installed:

8” Steel Gas Extraction Well

List of contractor equipment and personnel:

Skid steer (1), Drill Rig (1), Cat 323 Excavator (1), Cat 730 Haul Truck(1)

Summary of meetings, communication, and site visitors:

N/A

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

Observed Continuum make preparation to begin drilling WE-445. The location was offset 10’ to the northwest due to the previous location blocked. Drilling began at 1010. At approximately 110’ depth, temperature reached 186 degrees. The frequency of temperature testing increased to every 5’. A final depth of 140’ was reached at 1630. Continuum switched the extraction well material from PVC to steel due to the elevated temperatures.

Observed Continuum begin installation of steel piping. The 21’ sections were installed and bolted together. While installing the pipe, the borehole collapsed at the bottom approximately 10’. Heavy equipment operating hours expired and will continue installation the following day.

CQA Rep. Signature:

Weaver Consultants Group

Daily Field Report

Project:	2024 Phase 3 LGS Expansion	Date:	Saturday, March 15, 2025
Facility:	LRI Landfill	Weather: AM:	38 °F Overcast
Location:	Graham, WA	Weather: PM:	41 °F Overcast
Project No.:	0601-724-53-00	Precipitation:	0.10”
Contractor(s):	Continuum Environmental Services, Ltd		
WCG CQA Rep.:	James Sandmel	Arrived On-Site: 06:30 am	Departed Site: 11:55 am

An estimated summary of technical and/or engineering services performed, including field test data, locations, elevations, and depths, is provided.

Description of work location:

LRI Landfill

Summary of materials installed:

8” CPVC Gas Extraction Well

List of contractor equipment and personnel:

Skid steer (1), Drill Rig (1), Cat 323 Excavator (1), Cat 730 Haul Truck(1)

Summary of meetings, communication, and site visitors:

N/A

Summary of survey performed:

N/A

Summary of samples collected and delivered:

N/A

Description of work performed:

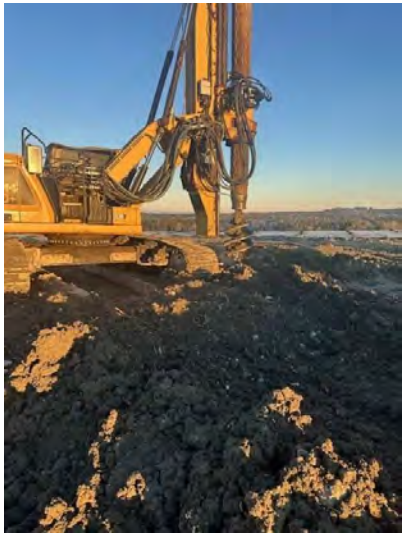
Observed Continuum continue the installation of WE-445. Due to the collapsing of the bore hole, only 105’ of perf and 21’ feet of solid to be installed. The piping was held in place and screening material backfilled to close the void and set the well. Clean soil and bentonite backfilled as per the design plan to complete the well installation. WE-445 was complete at 11:30 am. The remaining areas and benches were cleaned up and removed.

CQA Rep. Signature:

APPENDIX C

CONSTRUCTION PHOTOGRAPHS

Photograph 1: Drill Rig Broken Cable Swap



Photograph 2: WE-434 - 45-feet

Photograph 3: WE-434 - 50-feet

Photograph 4: WE-434 - 57-feet - Changed to muck bucket

Photograph 5: WE-434 - 70-feet

Photograph 6: WE-434 - 90-feet

Photograph 7: WE-434 - 92-feet

Photograph 8: WE-434 - 100-feet

Photograph 9: WE-434 - 110-feet

Photograph 10: WE-434 - Covered for the night

Photograph 11: WE-434 - Drill Rig Stage

Photograph 12: WE-434 - Overnight settlement

Photograph 13: WE-434 - Stake ID

Photograph 14: WE-434 - Well Casing Installation(1)

Photograph 15: WE-434 - Well Casing Installation(2)

Photograph 16: WE-434 - Well Casing Installation(3)

Photograph 17: WE-434 - Well Casing Installation(4)

Photograph 18: WE-434 - Well Casing Installation

Photograph 19: WE-435 - 30-feet

Photograph 20: WE-435 - 60-feet

Photograph 21: WE-435 - 70-feet

Photograph 22: WE-435 - 80-feet

Photograph 23: WE-435 - 90-feet

Photograph 24: WE-435 - 100-feet

Photograph 25: WE-435 - 110-feet

Photograph 26: WE-435 - 120-feet

Photograph 27: WE-435 - 130-feet

Photograph 28: WE-435 - 140-feet

Photograph 29: WE-435 - 145-feet

Photograph 30: WE-435 - 155-feet

Photograph 31: WE-435 - 160-feet

Photograph 32: WE-435 - 164-feet

Photograph 33: WE-435 - Bentonite Backfill

Photograph 34: WE-435 - Centralizer

Photograph 35: WE-435 - Covered for end of day

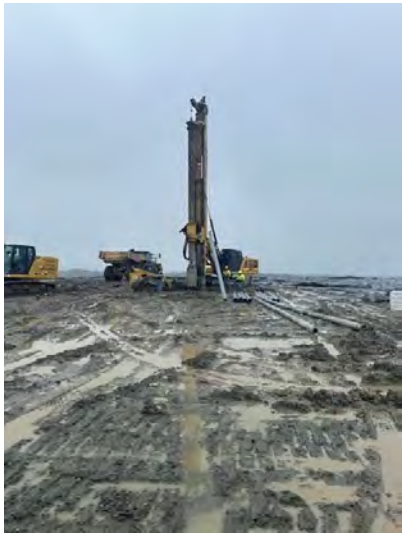
Photograph 36: WE-435 - Material Staging

Photograph 37: WE-435 - Rock Backfill

Photograph 38: WE-435 - Well Casing Installation (2)

Photograph 39: WE-435 - Well Casing Installation (3)

Photograph 40: WE-435 - Well Casing Installation (4)



Photograph 41: WE-435 - Well Casing Installation

Photograph 42: WE-436 - 70-feet

Photograph 43: WE-436 - 80-feet

Photograph 44: WE-436 - 90-feet

Photograph 45: WE-436 - 100-feet

Photograph 46: WE-436 - 110-feet

Photograph 47: WE-436 - 120-feet

Photograph 48: WE-436 - 130-feet

Photograph 49: WE-436 - 140-feet

Photograph 50: WE-436 - 150-feet

Photograph 51: WE-436 - Bentonite Backfill

Photograph 52: WE-436 - Bentonite Backfill

Photograph 53: WE-436 - Covered at end of day

Photograph 54: WE-436 - Pipe Install

Photograph 55: WE-436 - Pipe Install

Photograph 56: WE-436 - Pipe Install

Photograph 57: WE-436 - Pipe Install

Photograph 58: WE-436 - Pipe Install

Photograph 59: WE-436 - Pipe Install

Photograph 60: WE-436 - Pipe Install

Photograph 61: WE-436 - Pipe Install

Photograph 62: WE-436 - Pipe Install

Photograph 63: WE-436 - Pipe Install

Photograph 64: WE-436 - Pipe Install

Photograph 65: WE-436 Drill Stage

Photograph 66: WE-439 - 30-feet

Photograph 67: WE-439 - 40-feet

Photograph 68: WE-439 - 70-feet

Photograph 69: WE-439 - 80-feet

Photograph 70: WE-439 - 90-feet

Photograph 71: WE-439 - 100-feet

Photograph 72: WE-439 - 120-feet

Photograph 73: WE-439 - 130-feet

Photograph 74: WE-439 - 140-feet

Photograph 75: WE-439 - 150-feet

Photograph 76: WE-439 - Centralizer

Photograph 77: WE-439 - Covered end of day

Photograph 78: WE-439 - Stake

Photograph 79: WE-439 - Well Casing Installation

Photograph 80: WE-439 -Stockpile Material

Photograph 81: WE-439 -Well Casing Installation (2)

Photograph 82: WE-440 - Pipe Installation (1)

Photograph 83: WE-440 - Pipe Installation (2)

Photograph 84: WE-440 - Pipe Installation (3)

Photograph 85: WE-440 - Pipe Installation (5)

Photograph 86: WE-440 - Pipe Installation (6)

Photograph 87: WE-440 - Pipe Installation (7)

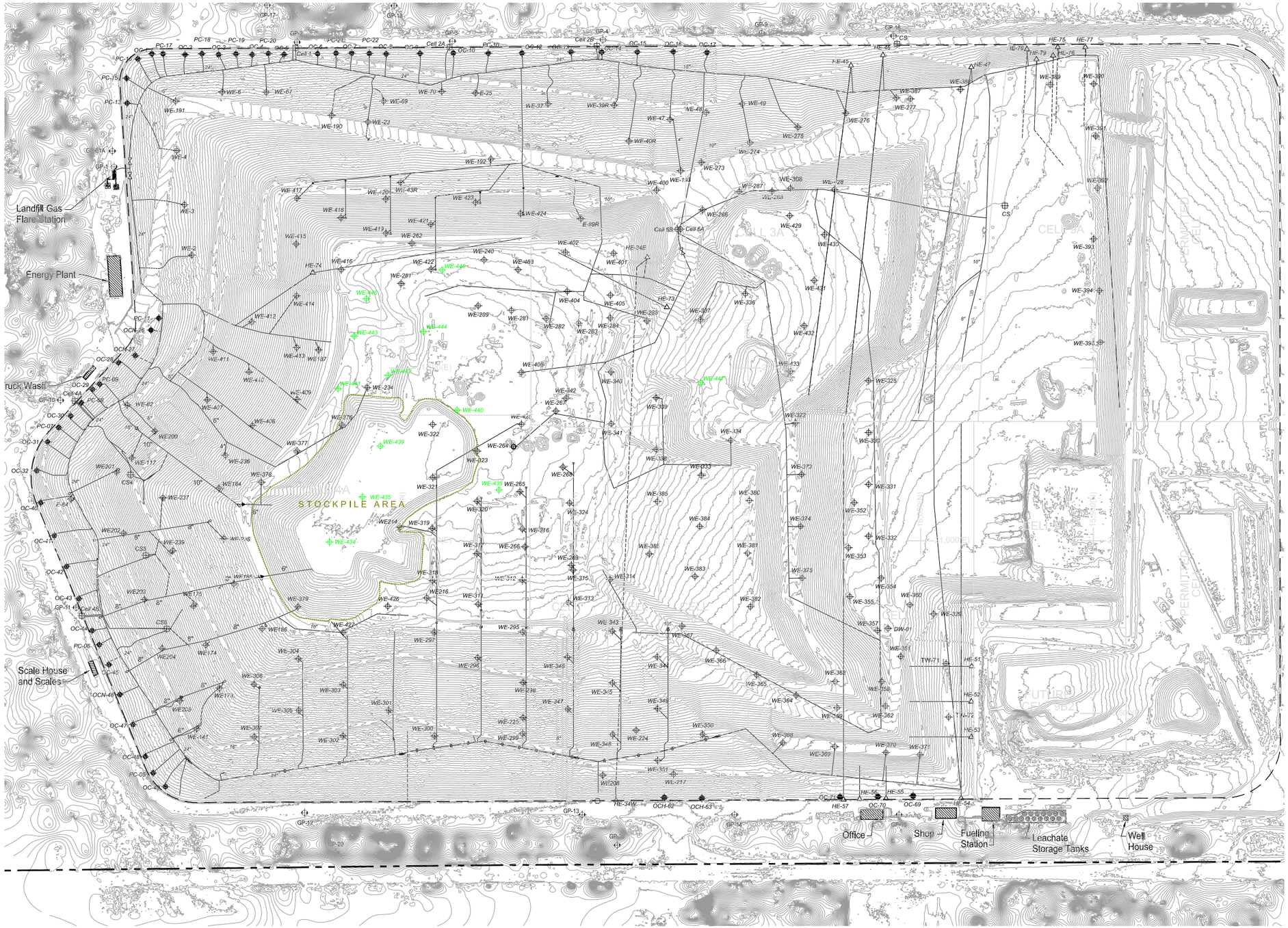
Photograph 88: WE-440 - Pipe Installation (8)

Photograph 89: WE-440 - Pipe Installation

Photograph 90: WE-440 8-inch CPVC Well Casing

APPENDIX D

SITE PLAN


Landfill Gas Flare Station
Energy Plant
Truck Wash
Scale House and Scales
STOCKPILE AREA
Office
Shop
Fueling Station
Leachate Storage Tanks
Well House
CELL 3A
CELL 3B
CELL 4A
CELL 4B
FUTURE CELL 5
PERMITTED CELL 4B
GP-1
GP-2
GP-3
GP-4
GP-5
GP-6
GP-7
GP-8
GP-9
GP-10
GP-11
GP-12
GP-13
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GP-36
GP-37
GP-38
GP-39
GP-40

October 28, 2025
File No. 04225001.16

Mr. George Duvendack
Region Engineer
Pierce County Recycling, Composting and Disposal, LLC dba LRI
17925 Meridian Street East
Puyallup, Washington 98375

Subject: **2025 Phase 2 Gas System Expansion Well Installation Report**
LRI Landfill, Graham, Washington

Dear Mr. Duvendack:

This letter presents a summary of field activities performed by SCS Engineers (SCS) during the installation of 15 new interim landfill gas (LFG) and 16 new vertical LFG extraction wells at the LRI Landfill located in Graham, Washington. The LFG extraction wells were installed in general accordance with the 2025 Phase 2 Gas System Expansion design plans, the well construction variance approved by Washington State Department of Ecology, and the well completion schedules issued by SCS on August 5, August 11, August 19, August 25, and September 9, 2025.

Summary

SCS personnel were onsite from August 5, 2025 through September 26, 2025 to observe and document drilling and installation of 15 new interim LFG extraction wells and 16 new vertical LFG wells, performed by DBM Contractors, Inc. (DBM). Observations of the cuttings from well drilling were logged for each boring and are included in the attached boring and construction logs prepared by SCS. Table 1 presents a summary of the completed well installation data.

Table 1: Summary of Well Completion

Well ID	Date Installed	Surface Elevation (ft-msl)(1)(2)	Well Material	ECY Well Tag(3)	Design Depth (ft)	Actual Depth (ft)	Length of Screen (ft)
WE-437	9/4/2025	818.7	PVC/CPVC	BQN-735	162.0	163.5	142.0
WE-438	8/29/2025	824.98	PVC/CPVC	BQN-734	171.0	175.0	151.0
WE-449	9/12/2025	758.74	PVC	BQN-739	103.0	103.0	83.0
WE-450	9/10/2025	779.65	PVC/CPVC	BQN-737	118.0	118.0	97.0
WE-451	9/9/2025	798.11	PVC/CPVC	BQN-736	140.0	140.0	120.0
WE-452	9/11/2025	782.68	PVC/CPVC	BQN-738	129.0	129.0	109.0
WE-457	8/19/2025	829.19	PVC	BQN-728	178.0	181.0	158.0
WE-458	8/26/2025	827.34	PVC/CPVC	BQN-732	174.0	174.0	154.0
WE-461	9/22/2025	687.30	PVC	BQN-745	26.0	27.0	6.0
WE-462	9/26/2025	728.17	PVC	BQN-751	66.0	66.0	46.0
WE-463	9/25/2025	720.64	PVC	BQN-750	54.0	55.0	34.0
WE-464	9/24/2025	714.36	PVC	BQN-749	47.0	48.0	27.0
WE-465	9/19/2025	719.59	PVC	BQN-744	62.0	62.0	42.0
WE-466	9/16/2025	773.62	PVC	BQN-741	111.0	112.0	91.0
WE-467	9/18/2025	740.26	PVC	BQN-743	77.0	78.0	57.0

Well ID	Date Installed	Surface Elevation (ft-msl)[1][2]	Well Material	ECY Well Tag[3]	Design Depth (ft)	Actual Depth (ft)	Length of Screen (ft)
WE-468	9/17/2025	747.93	PVC	BQN-742	88.0	88.0	68.0
WE-469	9/15/2025	819.73	PVC	BQN-740	148.0	149.0	128.0
WE-471	8/7/2025	777.72	PVC	BQN-721	101.0	102.0	81.0
WE-472	8/12/2025	774.78	PVC	BQN-724	98.0	100.0	78.0
WE-473	8/11/2025	770.90	PVC	BQN-723	90.0	90.0	70.0
WE-474	8/8/2025	770.86	PVC	BQN-722	90.0	90.0	70.0
WE-475	8/13/2025	767.60	PVC	BQN-725	81.0	83.0	60.0
WE-476	8/14/2025	756.20	PVC	BQN-726	70.0	70.0	50.0
WE-477[4]	8/21/2025	739.45	PVC	BQN-730	56.0	49.0	29.0
WE-478	8/15/2025	742.84	PVC	BQN-727	60.0	60.0	40.0
WE-479	8/20/2025	740.37	PVC	BQN-729	59.0	59.0	39.0
WE-480[4]	9/23/2025	708.97	PVC	BQN-748	33.0	21.0	6.0
WE-481	9/23/2025	703.76	PVC	BQN-747	29.0	30.0	9.0
WE-483[4]	9/22/2025	706.41	PVC	BQN-746	33.0	31.0	16.0
WE-484	8/25/2025	737.03	PVC	BQN-731	57.0	57.0	37.0
WE-485	8/27/2025	740.54	PVC	BQN-733	57.0	57.0	37.0

Notes:

1. Survey data provided by HRK on August 4, 7, 8, 18 and 25, 2025. Elevations reflect the surveyed well locations.
2. Wells WE-449, WE-450, WE-451, WE-452, WE-461, WE-462, WE-463, WE-464, WE-465, WE-466, WE-467, and WE-468 were re-surveyed on September 5, 2025 by Sitts & Hill prior to drilling and installation.
3. ECY Well Tags were provided by DBM upon completion of each well.
4. Well was drilled into a rock window target connected to the operations layer aggregate

LFG Extraction Well Drilling and Installation

The borings for the LFG extraction wells were drilled using an IMT AF250 hydraulic rotary drill rig with a 10-foot long, 36-inch diameter core barrel. For the deeper wells, where the design depth exceeded 160 feet, the borings were drilled using a Liebherr LB36 hydraulic rotary drill rig with the same core barrel dimensions. Many of the wells installed during the 2025 Phase 2 expansion were altered from the design drawings issued on May 21, 2025 due to existing site conditions and survey information obtained. These variations are listed later in this section.

The interim extraction wells were constructed using 8-inch diameter SCH 80 polyvinyl chloride (PVC) pipe and fittings. The vertical extraction wells were constructed using 6-inch and 8-inch diameter SCH 80 PVC pipe, and in some cases, where subsurface temperatures exceeded 160°F, 8-inch chlorinated polyvinyl chloride (CPVC) pipe was used. Backfill was completed with 2-inch round rock, bentonite chips and granules, and clean sand and soil as shown on the attached well construction logs. All construction materials were provided by LRI and verified by SCS to meet project specifications prior to use.

Drilling and installation of each well were typically completed within the same day. Wells that could not be completed the same day (WE-437, WE-438, and WE-457) were backfilled and sealed overnight using on-site soil.

The wells were completed with approximately 5 feet of pipe stickup above the ground surface to allow for grading, landfill cover/closure, and connection to the existing LFG collection system. Upon completion, each well was issued a Washington State Department of Ecology (ECY) Well Tag in accordance with state regulations and connected to the existing gas collection and control system (GCCS).

The following deviations to design were completed in conjunction with the well installations. Borings that were completed to within 5 feet of the design depth are not included in the following list.

- WE-449, WE-451, and WE-461 through WE-468: 2 feet was conservatively removed from the design depth to account for the well survey was performed on top of final cover soil. This soil was removed prior to drilling.
- WE-437: The construction material was switched to CPVC at 70.5 feet below ground surface (BGS). Due to a recorded temperature of 166F at 85 feet BGS.
- WE-438: The construction material was switched to CPVC at 90.5 feet BGS. Due to a recorded temperature of 162F at 85 feet BGS.
- WE-450: An approximately 10-foot-thick road and drill pad was installed to complete this well. Adjustments were made to the boring depth to account for the thickness of the pad and the data and depths provided in the borehole and well log reflect the current conditions after the drill pad was removed. Also, the construction material was switched to CPVC at 40.5 feet BGS. As a precaution due to high temperatures recorded during the installation of nearby wells.
- WE-451: The construction material was switched to CPVC at 70.5 feet BGS. Due to a recorded temperature of 174F at 73 feet BGS.
- WE-452: The construction material was switched to CPVC at 27 feet BGS. As a precaution due to high temperatures recorded during the installation of nearby wells.
- WE-458: The construction material was switched to CPVC at 70.5 feet (BGS). Due to a recorded temperature of 166F at 85 feet BGS.
- WE-477: The design depth of the bore was completed 7 feet prior to the max design depth due to reaching the targeted rock window.
- WE-480: The design depth of the bore was completed 12 feet prior to the max design depth due to reaching the targeted rock window.
- WE-483: The design depth of the bore was completed 2 feet prior to the max design depth due to reaching the targeted rock window.

Closing

If you have any questions regarding the information presented in this letter or the attached boring logs, please do not hesitate to contact us.

Sincerely,

Thomas Hanrahan
Staff Professional
SCS Engineers

Belinda M. Ricklin, P.E.
Project Director
SCS Engineers

cc: Olivier Moi, LRI
Adam Balogh, LRI
Jose Camacho, LRI
Keith Johnston, TPCHD
Trevor Priestley, TPCHD
Bill Harris, Ecology
Derek Rockett, Ecology
Jack Faille, SCS
Travis Berndahl, SCS
Lauren Murray, SCS

Attachments:

Attachment A - 2025 GCCS Site Plan
Attachment B - 2025 LFG Well Completion Logs

ATTACHMENT A

2025 GCCS SITE PLAN

SURVEY NOTES:
1. TOPOGRAPHIC BASE MAP PERFORMED BY PROPELLER AEROBOTICS, DATED 2025-09-15.

CELL 1
CELL 2A
CELL 2B
CELL 3A
CELL 7
CELL 9A
PERMITTED CELL
CELL 4A
STOCKPILE AREA
CELL 4B
CELL 5A
CELL 5B
CELL 6A
CELL 6B
CELL 8
CELL 9B
PERMITTED CELL

Landfill Gas Flare Station
Energy Plant
Truck Wash
Scale House and Scales
Office
Shop
Fueling Station
Leachate Storage Tanks
Well House

Legend:
- E-1 Existing Vertical Gas Extraction Well
- OCE-1 Existing Odor Control Well
- HE-01 Existing Horizontal Gas Extraction Well
- LP4AN Existing Leachate Pipe Connection
- TW Temporary Vertical Gas Extraction Well
- OCE-68 Odor Control Well
- HE-47 Horizontal Gas Extraction Well
- GP-12 Existing Gas Probe

120 0 120 240
SCALE IN FEET

NO.	REVISION	DATE

SHEET TITLE: GCCS SITE PLAN
PROJECT TITLE: GCCS SITE PLAN
LRI LANDFILL
GRAHAM, WASHINGTON

SCS ENGINEERS
Environmental Consultants and Contractors
2405 140th Avenue NE, Suite 107
Bellevue, Washington 98005
(425) 746-4600 FAX: (503) 684-6948

ACAD FILE:	2025-10-01 GCCS SITE PLAN
APP BY:	KGL
DWN. BY:	GDB / LEL
CHK. BY:	TAB
PROJ. NO.	042150100
DSN. BY:	GDB

DATE: OCTOBER 2025
SCALE: AS SHOWN
DRAWING NO. 1

NOTES:
1. EXISTING TOPOGRAPHY PERFORMED BY PROPELLER AEROBOTICS, DATED 2025-07-25.
2. HORIZONTAL DATUM: ASSUMED LOCAL COORDINATE SYSTEM
   VERTICAL DATUM: BASED ON PIERCE COUNTY BENCH No 112-28, ELEVATION 660.29 NGVD 1929
3. LFG WELL LOCATIONS AND GCCS BASED ON INFORMATION PROVIDED BY LRI. UPDATED MAY, 2024.

N 18,000 N 17,500 N 17,000 N 16,500 N 16,000 N 15,500

E 22,000 E 21,500 E 21,000 E 20,500

Landfill Gas Flare Station
Energy Plant
Truck Wash
Scale House and Scales
Office
Shop
Fueling Station
Leachate Storage Tanks
Well House

WE-461 WE-462 WE-463 WE-464 WE-465 WE-466 WE-467 WE-468
WE-469 WE-471 WE-472 WE-473 WE-474 WE-475 WE-476 WE-477 WE-478 WE-479 WE-480 WE-481 WE-483 WE-484 WE-485
WE-449 WE-450 WE-451 WE-452 WE-437 WE-438 WE-457 WE-458

HE-80 (Cell Floor) HE-81 (Cell Floor) HE-82 (Cell Floor) HE-83 (Cell Floor) HE-84 (Cell Floor) HE-85 (Cell Floor)
HE-86 (2nd Lift) HE-87 (2nd Lift) HE-88 (2nd Lift) HE-90 (2nd Lift) HE-91 (2nd Lift) HE-92 (2nd Lift) HE-93 (2nd Lift)
HE-94 (3rd Lift) HE-95 (3rd Lift) HE-96 (3rd Lift) HE-97 (3rd Lift) HE-99 (3rd Lift)

0 120 240
SCALE (ft)

NO.	REVISION	DATE

SHEET TITLE: SITE PLAN
RECORD OPERATIONS LAYER GRADES
PROJECT TITLE: GCCS SITE PLAN
LRI LANDFILL
GRAHAM, WASHINGTON

LANDFILLING & RECYCLING

SCS ENGINEERS
Environmental Consultants and Contractors
2405 140th Avenue NE, Suite 107
Bellevue, Washington 98005
(425) 746-4600 FAX: (503) 684-6948

ACAD FILE: Dwg2	BMR
DWN. BY:	LEL
CHK. BY:	JTF
PROJ. NO.	042150100
DSN. BY:	AMD

DATE: OCTOBER 2025
SCALE: AS SHOWN
DRAWING NO. 2

ATTACHMENT B

2025 LFG WELL COMPLETION LOGS

SCS ENGINEERS

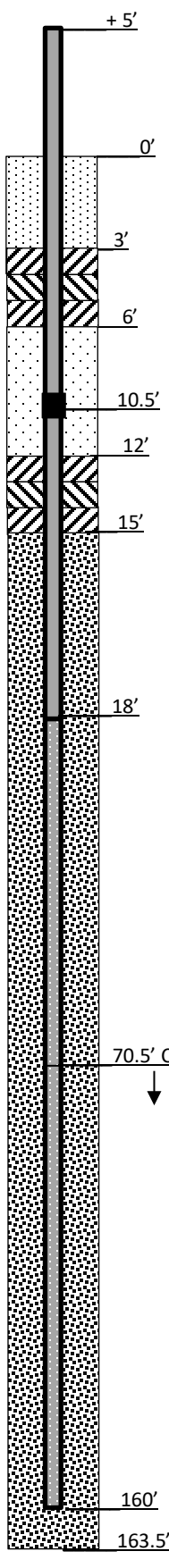
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-437
Project Number:	04225001.16	Coordinates:	N: 17,923.3550 | E: 21,153.9870
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 3, 2025 8:09 AM	Surface Elevation:	818.70’
Drilling Completion Date & Time:	September 4, 2025 12:30 PM	Boring Diameter:	36"
Well Completion Date & Time:	September 4, 2025 3:40 PM	Pipe Diameter/Material:	8" PVC SCH 80, 8” CPVC SCH 80, 6" PVC SCH 80
Contractor:	DBM	Total Depth Drilled:	163.5’
Driller:	Tom	ECY Well Tag:	BQN-735
Inspector:	Lauren Bussjager		

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
07:58	28’	85	Moist	Moderate	Plastic, Dirt, Metal, Textiles, Wire
08:13	39’	105	Saturated	Much	Plastic, Rock, Textiles, Wire
08:37	53’	125	Moist	Much	Plastic, Dirt, Textiles, Wire
09:03	67’	134	Moist	Much	Plastic, Dirt, Textiles, Wood
09:26	85’	166	Moist	Severe	Plastic, Rock, Textiles, Wire
09:41	96’	162	Moist	Severe	Plastic, Dirt, Rock, Textiles
10:04	117’	178	Moist	Severe	Plastic, Rock, Wood
11:02	131’	171	Saturated	Severe	Plastic
11:33	143’	160	Dry	Severe	Plastic, Wood
12:09	154’	160	Slightly Moist	Severe	Plastic, Dirt, Color: Brown
12:30	164’	160	Slightly Moist	Severe	Plastic, Textiles



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
CPVC Perforated Pipe	89.5’
PVC Perforated Pipe	52.5’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	149’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Well Settlement Joint	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80, CPVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

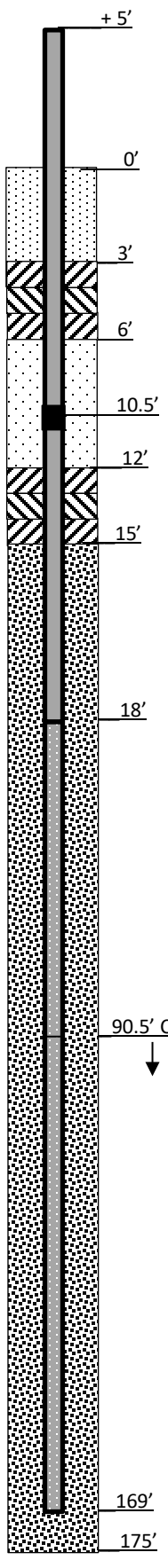
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-438
Project Number:	04225001.16	Coordinates:	N: 17,796.288 E: 21,271.375
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 28, 2025 8:00 AM	Surface Elevation:	824.98’
Drilling Completion Date & Time:	August 29, 2025 12:57 PM	Boring Diameter:	36"
Well Completion Date & Time:	August 29, 2025 6:22 AM	Pipe Diameter/Material:	8" PVC SCH 80, 8” CPVC SCH 80, 6" PVC SCH 80
Contractor:	DBM	Total Depth Drilled:	175’
Driller:	Tommy	ECY Well Tag:	BQN-734
Inspector:	Lauren Bussjager		

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:18	25’	82	Slightly Moist	Little	Dirt, Other, Color: Grey, Color: Brown Organics
08:36	38’	101	Moist	Moderate	Plastic, Other, Color: Grey organics
09:00	56’	134	Moist	Much	Plastic, Metal, Wood, Color: Brown, Color: Black
09:20	76’	147	Moist	Severe	Plastic, Textiles, Wood, Color: Brown
09:48	92’	162	Saturated	Much	Dirt
10:11	104’	174	Saturated	Severe	Plastic, Dirt, Metal
10:36	110’	140	Saturated	Little	Other, Color: Black Liquid
12:10	120’	159	Saturated	Severe	Plastic, Textiles, Other Organics
13:00	132’	159	Saturated	Severe	Dirt, Textiles
01:49	136’	No Data	Saturated	Severe	Other leachate
14:20	130’	172	Moist	Severe	Other, Color: Brown, Color: Black organics
15:10	143’	No Data	Saturated	Severe	Plastic, Black Soil/Liquid, Other organics
16:30	151’	179	Saturated	Severe	Dirt, Black Soil/Liquid, Other Organics
16:55	159’	179	Saturated	Severe	Black Soil/Liquid, Other organics
17:15	163’	176	Saturated	Severe	Black Soil/Liquid, Other Organics
12:11	163’	No Data	Saturated	Severe	Plastic, Black Soil/Liquid, Other organics
12:23	165’	160	Saturated	Severe	Plastic, Black Soil/Liquid, Other Organics
12:46	169’	169	Saturated	Severe	Black Soil/Liquid
12:57	175’	156	Saturated	Severe	Black Soil/Liquid



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
CPVC Perforated Pipe	78.5’
PVC Perforated Pipe	72.5’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	160’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Well Settlement Joint	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80, CPVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

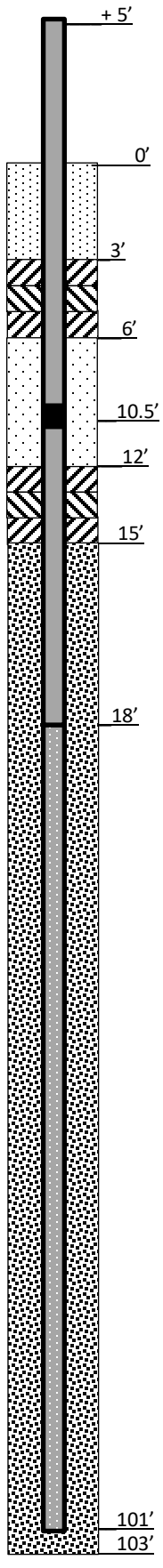
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-449
Project Number:	04225001.16	Coordinates:	N: 18,194.2366 E: 21,182.3482
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 12, 2025 8:34 AM	Surface Elevation:	758.74’
Drilling Completion Date & Time:	September 12, 2025 2:14 PM		
Well Completion Date & Time:	September 12, 2025 5:00 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8" PVC SCH 80, 6” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	103’
Inspector:	Karisse Yamamoto	ECY Well Tag:	BQN-739

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:45	12’	No Data	Dry	Little	Other waste
08:57	21’	96	Dry	Moderate	Plastic, Textiles, Other organics
09:12	28’	111	Dry	Little	Plastic, Textiles, Color: Black
09:42	42’	133	Slightly Moist	Moderate	Plastic, Textiles, Color: Black
10:05	50’	162	Slightly Moist	Moderate	Plastic, Textiles, Black Soil
10:42	60’	158	Moist	Moderate	Plastic, Textiles, Other organics
11:35	72’	174	Moist	Little	Plastic, Textiles, Other organics
11:57	80’	136	Moist	Little	Plastic, Textiles, Other organics
12:44	86’	148	Moist	Little	Plastic, Textiles, Other organics
01:12	94’	140	Saturated	Some	Plastic, Textiles, Other organics



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	83’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	88’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Well Settlement Joint	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

BOREHOLE AND WELL LOG

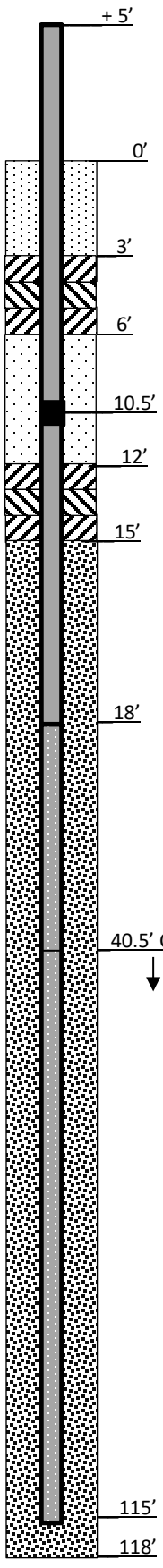
Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-450
Project Number:	04225001.16	Coordinates:	N: 18,064.6800 E: 21,257.8400
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 10, 2025 8:13 AM	Surface Elevation:	779.65’
Drilling Completion Date & Time:	September 10, 2025 2:06 PM	Boring Diameter:	36"
Well Completion Date & Time:	September 10, 2025 5:57 PM	Pipe Diameter/Material:	8" PVC SCH 80, 8” CPVC SCH 80, 6" PVC SCH 80
Contractor:	DBM	Total Depth Drilled:	128’ (118’ after drill pad removed)
Driller:	Brandon	ECY Well Tag:	BQN-737
Inspector:	Lauren Bussjager		

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
09:29	18’	No Data	Moist	Little	Plastic, Color: Black
09:41	26’	118	Moist	Much	Plastic, Dirt, Rock, Other, Color: Black organics
10:14	45’	153	Slightly Moist	Much	Plastic, Textiles, Wire, Color: Brown, Color: Black
10:48	56’	145	Slightly Moist	Severe	Plastic, Cardboard, Textiles, Wood, Wire, Other organics
11:18	64’	122	Dry	Severe	Plastic, Cardboard, Textiles, Other Organics
11:57	78’	172	Slightly Moist	Severe	Plastic, Wood, Other, Color: Brown rubber, organics
12:53	96’	160	Saturated	Severe	Plastic, Black Soil/Liquid, Other, Color: Black organics
13:42	110’	147	Saturated	Severe	Plastic, Black Soil/Liquid, Color: Brown
14:16	118’	150	Dry	Severe	Plastic, Dirt, Cardboard, Color: Brown

Data and depths provided reflect the current conditions after the drill pad was removed.



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
CPVC Perforated Pipe	74.5’
PVC Perforated Pipe	22.5’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	103’

Backfill Log
Sand
Bentonite Chips
#8 Bentonite
Stone/Gravel
Well Settlement Joint
Solid Pipe
Perforated Pipe

Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80, CPVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

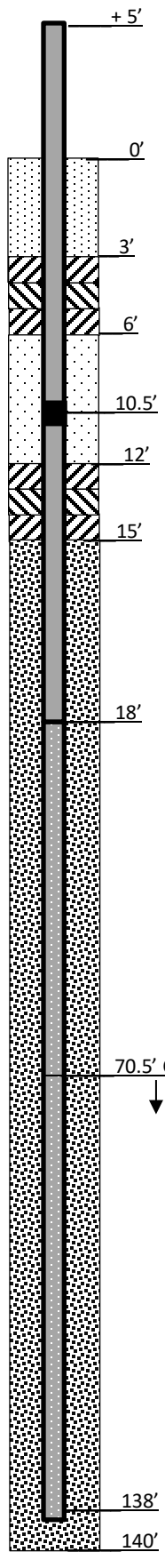
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-451
Project Number:	04225001.16	Coordinates:	N: 18,063.9555 | E: 21,107.8774
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 19, 2025 7:47 AM	Surface Elevation:	798.11’
Drilling Completion Date & Time:	September 19, 2025 3:10 PM	Boring Diameter:	36"
Well Completion Date & Time:	September 19, 2025 7:10 PM	Pipe Diameter/Material:	8" PVC SCH 80, 8” CPVC SCH 80, 6" PVC SCH 80
Contractor:	DBM	Total Depth Drilled:	140’
Driller:	Brandon	ECY Well Tag:	BQN-736
Inspector:	TWH		

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:15	18’	68	Dry	Little	Plastic, Dirt, Color: Black
08:33	28’	112	Dry	Little	Plastic, Dirt, Color: Black
08:57	40’	138	Dry	Little	Plastic, Dirt, Color: Black
10:49	60’	148	Moist	Moderate	Plastic, Dirt, Rock
11:34	73’	174	Saturated	Much	Plastic, Black Soil/Liquid
12:40	88’	184	Saturated	Much	Plastic, Black Soil/Liquid
13:21	98’	198	Saturated	Much	Plastic, Black Soil/Liquid
14:10	118’	168	Saturated	Much	Plastic, Black Soil/Liquid
14:35	125’	160	Saturated	Much	Plastic, Black Soil/Liquid



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
CPVC Perforated Pipe	67.5
PVC Perforated Pipe	52.5’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	125’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Well Settlement Joint	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80, CPVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

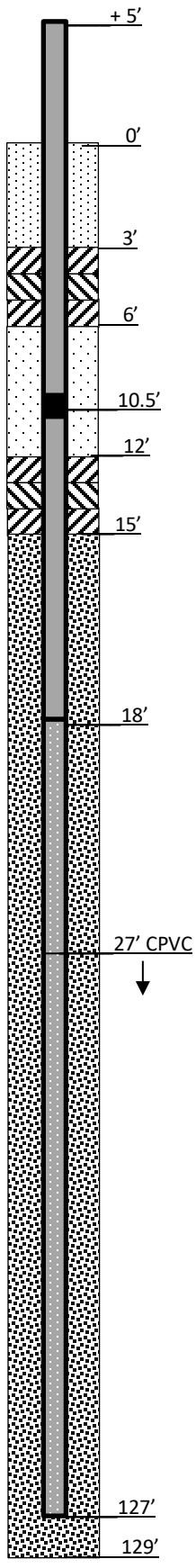
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion – Phase 2	Well Number:	WE-452
Project Number:	02445001.16	Coordinates:	N: 18,063.2278 | E: 20,957.8699
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 11, 2025 8:22 AM	Surface Elevation:	782.68’
Drilling Completion Date & Time:	September 11, 2025 2:28 PM	Boring Diameter:	36"
Well Completion Date & Time:	September 11, 2025 5:16 PM	Pipe Diameter/Material:	8" PVC SCH 80, 8” CPVC SCH 80
Contractor:	DBM		6" PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	129’
Inspector:	KY and TH	ECY Well Tag:	BQN-738

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:37	14’	88	Dry	Little	Plastic, Textiles
08:49	24’	110	Dry	Little	Plastic, Textiles, Color: Black
09:04	34’	122	Dry	Some	Plastic, Textiles, Color: Black
09:20	39’	142	Slightly Moist	Moderate	Plastic, Textiles, Other, Color: Black Organics
09:38	48’	132	Slightly Moist	Moderate	Plastic, Textiles, Other, Color: Black Organics
10:08	61’	174	Slightly Moist	Moderate	Plastic, Textiles, Other, Color: Black Organics
10:42	71’	163	Dry	Much	Plastic, Textiles, Other, Color: Black Organics
11:28	82’	173	Dry	Much	Plastic, Textiles, Other, Color: Black Organics
12:03	105’	161	Moist	Much	Plastic, Textiles, Other, Color: Black Organics
13:26	113’	162	Moist	Severe	Plastic, Black Soil/Liquid, Color: Black
13:57	122’	152	Saturated	Severe	Plastic, Black Soil/Liquid, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
CPVC Perforated Pipe	100’
PVC Perforated Pipe	9’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	114’

Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Well Settlement Joint	
Solid Pipe	
Perforated Pipe	

Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80, CPVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

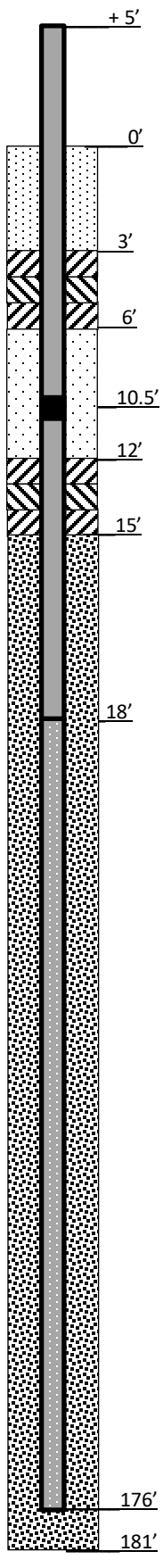
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion – Phase 2	Well Number:	WE-457
Project Number:	04225001.16	Coordinates:	N: 17,567.9360 E: 20,812.595
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 18, 2025 9:39 AM	Surface Elevation:	829.19''
Drilling Completion Date & Time:	August 19, 2025 4:09 PM		
Well Completion Date & Time:	August 19, 2025 6:58 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8" PVC SCH 80, 6" PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	181'
Inspector:	TWH	ECY Well Tag:	BQN-728

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
10:00	29'	120	Dry	Little	Plastic, Cardboard, Textiles, Color: Black
10:21	45'	127	Moist	Moderate	Plastic, Textiles, Color: Black
10:35	58'	132	Slightly Moist	Moderate	Plastic, Dirt, Color: Grey
10:56	65'	135	Saturated	Moderate	Plastic, Textiles, Color: Black
11:34	89'	132	Moist	Moderate	Plastic, Other, Color: Black Organics
11:59	105'	146	Moist	Moderate	Plastic, Textiles, Wood, Color: Black
10:14	113'	148	Moist	Moderate	Plastic, Textiles, Wood, Color: Black
10:36	123'	170	Saturated	Severe	Plastic, Black Soil/Liquid
11:17	137'	176	Saturated	Much	Textiles, Black Soil/Liquid
13:47	156'	158	Saturated	Much	Plastic, Black Soil/Liquid, Other Organics
14:58	169'	160	Saturated	Much	Plastic, Black Soil/Liquid, Other Organics



Completion Log	
Riser Stick-Up	5'
Solid Pipe	18'
Perforated Pipe	158'
Backfill	3'
Bentonite	3'
Sand Backfill	6'
Bentonite	3'
Filter Pack	166'
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Well Settlement Joint	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8" Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

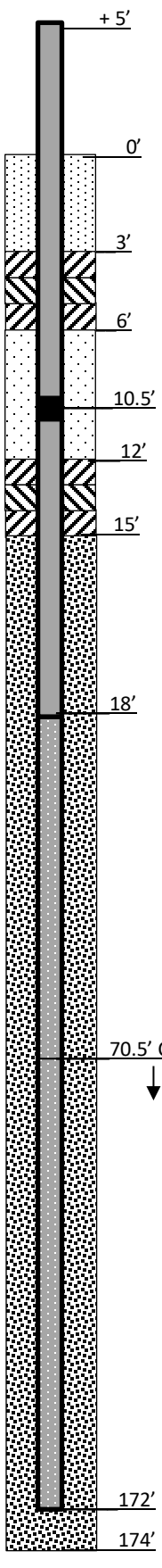
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-458
Project Number:	04225001.16	Coordinates:	N: 17,392.792 / E: 20,815.1090
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 26, 2025 8:45 AM	Surface Elevation:	827.34’
Drilling Completion Date & Time:	August 26, 2025 2:19 PM	Boring Diameter:	36"
Well Completion Date & Time:	August 26, 2025 5:03 PM	Pipe Diameter/Material:	8” PVC SCH 80, 8” CPVC SCH 80, 6” PVC SCH 80
Contractor:	DBM	Total Depth Drilled:	174’
Driller:	Tom	ECY Well Tag:	BQN-732
Inspector:	Lauren Bussjager		

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:55	11’	No Data	Slightly Moist	Severe	Plastic, Textiles, Color: Black
09:14	26’	116	Slightly Moist	Moderate	Plastic, Rock, Wood, Wire, Color: Black
09:29	40’	132	Slightly Moist	Severe	Plastic, Wood, Wire
09:47	55’	140	Saturated	Severe	Rock, Wood, Color: Black
10:11	68’	146	Saturated	Severe	Plastic, Wood, Color: Black
10:37	83’	155	Saturated	Severe	Plastic, Wood, Wire, Color: Black
11:06	103’	176	Saturated	Severe	Plastic, Wood, Wire, Color: Black
11:25	114’	174	Saturated	Severe	Plastic, Color: Brown, Color: Black
11:52	126’	190	Dry	Severe	Plastic, Textiles, Wire, Color: Brown
12:09	135’	150	Dry	Severe	Plastic, Color: Brown
12:43	152’	175	Dry	Severe	Plastic, Textiles, Wire
13:03	161’	179	Dry	Severe	Plastic, Textiles, Wire
13:25	170’	151	Saturated	Severe	Plastic, Color: Black
13:49	176’	157	Saturated	Severe	Plastic, Textiles, Color: Black
14:19	174’	138	Saturated	Severe	Plastic, Textiles, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
CPVC Perforated Pipe	101.5
PVC Perforated Pipe	52.5
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	159’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Well Settlement Joint	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80, CPVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

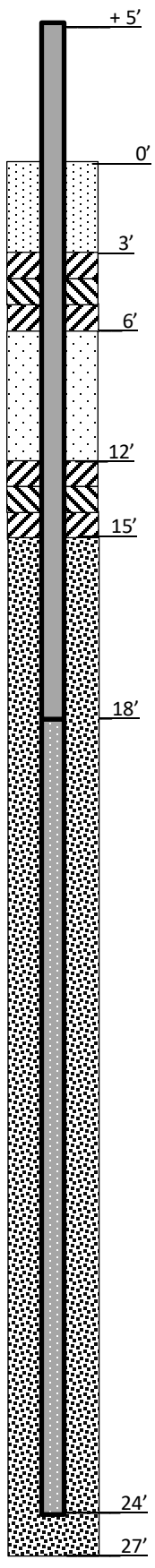
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-461
Project Number:	04225001.16	Coordinates:	N: 18,203.4553 E: 22,156.7671
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 22, 2025 8:00 AM	Surface Elevation:	687.3’
Drilling Completion Date & Time:	September 22, 2025 9:40 AM		
Well Completion Date & Time:	September 22, 2025 11:12 AM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	27’
Inspector:	TWH	ECY Well Tag:	BQN-745

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
09:00	16’	82	Dry	Moderate	Wood, Wire
09:11	21’	88	Dry	Moderate	Plastic, Dirt, Color: Brown, Color: Black
09:19	23’	78	Dry	Moderate	Plastic, Color: Brown, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	6’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	12’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

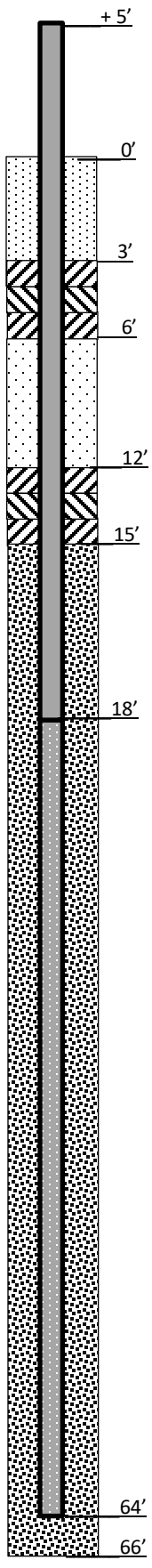
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-462
Project Number:	04225001.16	Coordinates:	N: 17,998.1384 / E: 22,133.9386
		Elevation Datum:	NGVD 27
Drilling Start Date & Time:	September 26, 2025 7:50 AM	Surface Elevation:	728.17’
Drilling Completion Date & Time:	September 26, 2025 9:26 AM		
Well Completion Date & Time:	September 26, 2025 11:19 AM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8" PVC SCH 80
Driller:	Jack	Total Depth Drilled:	66’
Inspector:	TWH	ECY Well Tag:	BQN-751

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:00	20’	78	Dry	Moderate	Plastic
08:16	29’	84	Dry	Moderate	Plastic
08:33	32’	108	Dry	Moderate	Plastic
08:56	51’	120	Dry	Moderate	Plastic
09:11	60’	123	Saturated	Moderate	Plastic



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	46’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	51’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

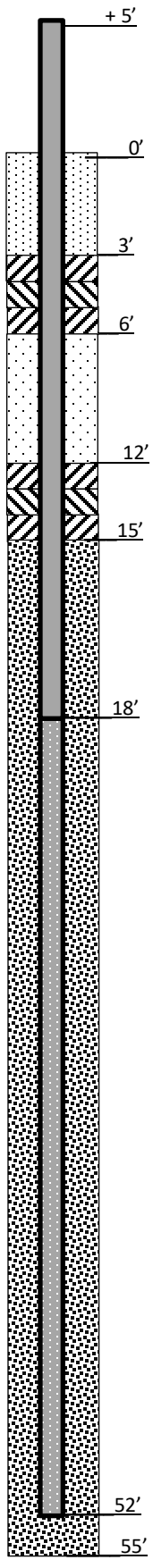
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-463
Project Number:	04225001.16	Coordinates:	N: 18,036.927 E: 22,007.779
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 25, 2025 8:15 AM	Surface Elevation:	720.64’
Drilling Completion Date & Time:	September 25, 2025 10:27 AM		
Well Completion Date & Time:	September 25, 2025 12:46 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	55’
Inspector:	LMB	Well Tag:	BQN-750

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:32	13’	89	Moist	Much	Plastic, Textiles
08:55	24’	112	Slightly Moist	Severe	Plastic, Metal, Rock, Other Organics
09:11	30’	112	Slightly Moist	Severe	Plastic, Rock, Textiles, Other Organics
09:32	40’	144	Slightly Moist	Severe	Plastic, Rock, Textiles, Other Organics
09:54	46’	146	Dry	Severe	Plastic, Textiles, Other Organics
10:15	52’	128	Dry	Severe	Plastic, Textiles, Wire, Other organics
10:27	55’	136	Dry	Severe	Plastic, Cardboard, Textiles, Wood



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	34’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	40’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

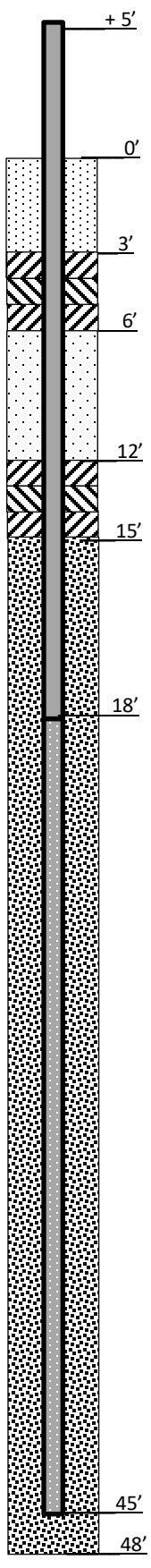
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GGCS Expansion - Phase 2	Well Number:	WE-464
Project Number:	04225001.16	Coordinates:	N: 18,052.7745 | E: 21,857.7928
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 24, 2025 8:30 AM	Surface Elevation:	714.36’
Drilling Completion Date & Time:	September 24, 2025 10:47 AM		
Well Completion Date & Time:	September 24, 2025 12:08 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	48’
Inspector:	LMB	ECY Well Tag:	BQN-749

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:41	11’	90	Slightly Moist	Severe	Plastic, Dirt, Rock, Textiles, Wood, Other Organics
09:06	24’	108	Slightly Moist	Severe	Plastic, Rock, Textiles, Wood, Other Organics
09:22	32’	113	Moist	Severe	Plastic, Textiles, Wood, Other Organics
09:42	41’	118	Slightly Moist	Severe	Plastic, Rock, Textiles, Wood, Wire, Other Organics
09:51	45’	120	Saturated	Severe	Metal, Textiles, Wire, Black Soil/Liquid
10:47	48’	No Data	Saturated	Severe	Metal, Textiles, Wire, Black Soil/Liquid, Other Organics



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	27’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	33’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

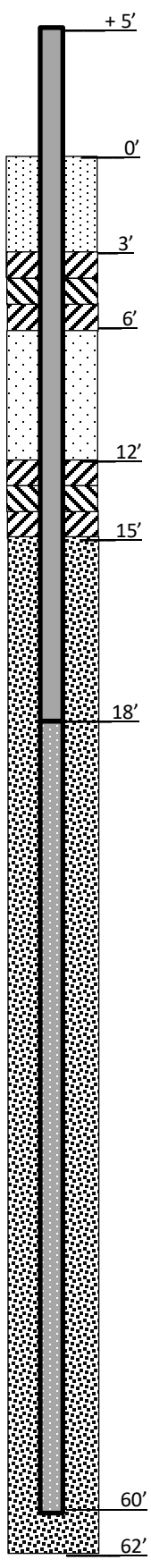
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-465
Project Number:	04225001.16	Coordinates:	N: 17,805.0289 / E: 22,187.4409
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 19, 2025 7:45 AM	Surface Elevation:	719.59’
Drilling Completion Date & Time:	September 19, 2025 10:05 AM		
Well Completion Date & Time:	September 19, 2025 11:51 AM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	62’
Inspector:	LMB	ECY Well Tag:	BQN-744

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:05	20’	73	Moist	Much	Plastic, Dirt, Rock, Textiles
08:23	28’	101	Moist	Much	Plastic, Dirt, Metal, Rock, Wood
08:42	36’	97	Moist	Severe	Plastic, Dirt, Metal, Rock, Textiles, Wood
09:03	43’	136	Moist	Severe	Plastic, Dirt, Rock, Textiles
09:28	51’	138	Moist	Severe	Plastic, Dirt, Rock, Wire
09:54	60’	118	Moist	Severe	Plastic, Wood, Color: Brown, Color: Black
10:05	62’	125	Moist	Severe	Plastic, Other Organics



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	42’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	47’

Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	

Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

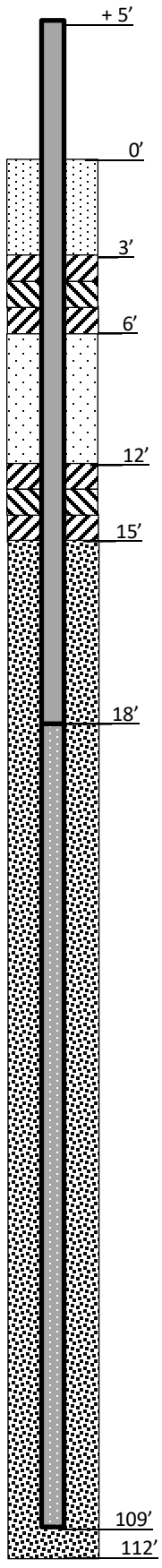
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-466
Project Number:	04225001.16	Coordinates:	N: 17,678.9166 | E: 22,027.8950
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 16, 2025 9:33 AM	Surface Elevation:	773.62’
Drilling Completion Date & Time:	September 16, 2025 3:30 PM		
Well Completion Date & Time:	September 16, 2025 6:40 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	112’
Inspector:	TWH	ECY Well Tag:	BQN-741

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
10:06	25’	93	Dry	Moderate	Plastic, Dirt
10:42	40’	120	Moist	Moderate	Plastic, Dirt, Other Rubber
11:07	50’	130	Moist	Moderate	Plastic, Wood
11:32	59’	138	Moist	Moderate	Plastic, Wood
12:09	69’	144	Dry	Moderate	Plastic, Cardboard, Other, Color: Brown Organics
13:08	83’	130	Dry	Moderate	Plastic, Cardboard, Other, Color: Brown Organics
14:02	93’	155	Dry	Moderate	Plastic, Cardboard, Other, Color: Brown Organics
14:45	104’	176	Dry	Moderate	Plastic, Cardboard, Other, Color: Black Organics



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	91’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	97’

Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	

Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

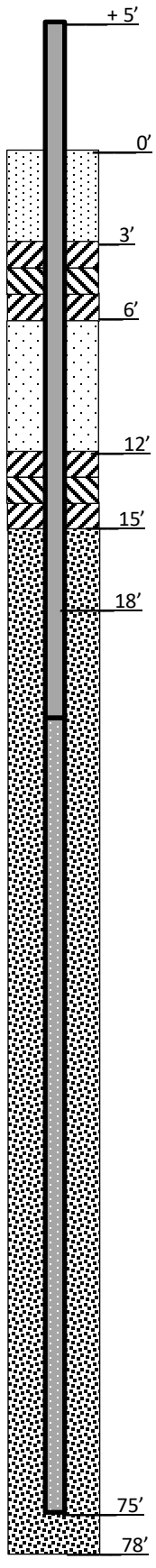
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-467
Project Number:	04225001.16	Coordinates:	N: 17,528.9284 | E: 22,141.9698
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 18, 2025 8:07 AM	Surface Elevation:	740.26’
Drilling Completion Date & Time:	September 18, 2025 11:30 AM		
Well Completion Date & Time:	September 18, 2025 6:03 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	78’
Inspector:	TWH	ECY Well Tag:	BQN-743

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:19	17’	80	Dry	Moderate	Plastic, Textiles, Other Organics
08:38	31’	102	Dry	Moderate	Plastic, Dirt, Textiles
09:02	43’	90	Moist	Moderate	Plastic, Dirt
09:33	46’	102	Saturated	Moderate	Plastic, Dirt
10:32	58’	105	Saturated	Moderate	Plastic, Dirt, Textiles
10:45	65’	102	Saturated	Moderate	Plastic, Dirt
10:59	70’	100	Saturated	Moderate	Plastic, Dirt



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	57’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	63’

Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	

Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

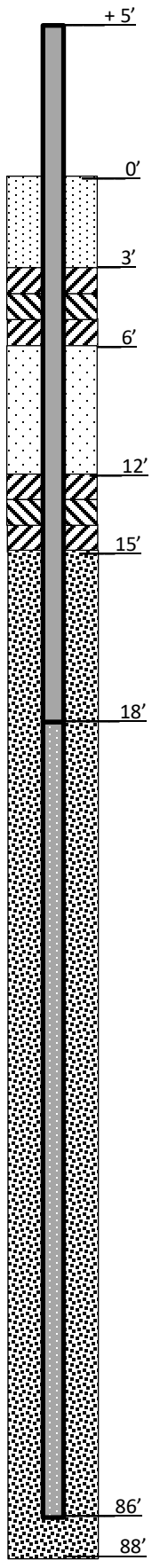
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-468
Project Number:	04225001.16	Coordinates:	N: 17,378.4137 E: 22,118.0802
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 17, 2025 9:24 AM	Surface Elevation:	747.93’
Drilling Completion Date & Time:	September 17, 2025 2:30 PM		
Well Completion Date & Time:	September 17, 2025 4:40 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	88’
Inspector:	TWH	ECY Well Tag:	BQN-742

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
09:52	20’	96	Dry	Moderate	Plastic, Dirt, Color: Black
10:07	29’	102	Moist	Moderate	Plastic, Dirt, Other, Color: Black Organics
10:38	39’	112	Saturated	Moderate	Plastic, Dirt, Other, Color: Black Organics
11:06	50’	138	Saturated	Moderate	Plastic, Dirt, Wire, Other, Color: Black Organics
13:39	66’	135	Saturated	Much	Plastic, Black Soil/Liquid
14:02	79’	130	Saturated	Much	Plastic, Black Soil/Liquid
14:17	83’	128	Saturated	Much	Plastic, Black Soil/Liquid, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	68’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	73’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

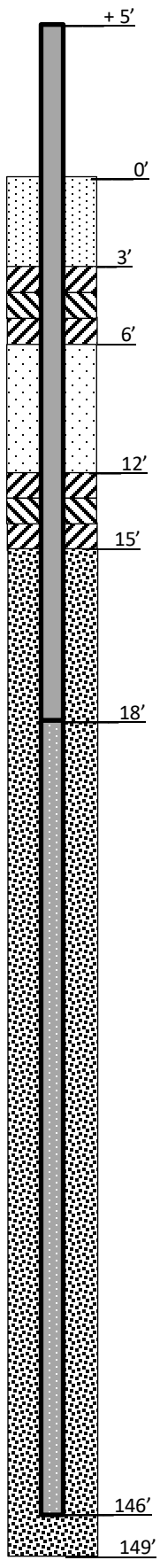
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-469
Project Number:	045225001.16	Coordinates:	N: 16,773.9970 E: 21,499.0740
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 15, 2025 7:45 AM	Surface Elevation:	819.73’
Drilling Completion Date & Time:	September 15, 2025 3:00 PM		
Well Completion Date & Time:	September 15, 2025 5:50 AM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	149’
Inspector:	TWH	ECY Well Tag:	BQN-740

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:10	13’	100	Dry	Little	Plastic
08:22	22’	118	Dry	Little	Plastic, Wood
08:38	28’	128	Dry	Little	Plastic, Wood, Color: Black
08:55	39’	144	Dry	Some	Plastic, Wood, Color: Black
09:16	50’	148	Dry	Some	Plastic, Wood, Color: Brown, Color: Black
09:49	64’	158	Dry	Some	Plastic, Textiles, Wood
10:17	73’	152	Moist	Some	Plastic, Wood, Color: Brown, Color: Black
11:11	88’	154	Very Moist	Some	Plastic, Wood, Color: Brown, Color: Black
12:02	100’	152	Moist	Moderate	Plastic, Textiles, Wood, Color: Black
12:57	114’	142	Saturated	Much	Plastic, Wood, Color: Black
13:31	120’	150	Saturated	Moderate	Plastic, Wood, Color: Black
14:30	143’	No Data	Very Moist	Moderate	Plastic, Wood, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	128’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	134’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

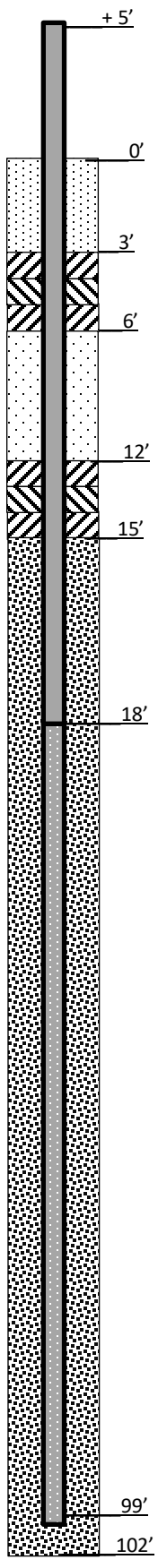
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-471
Project Number:	04225001.16	Coordinates:	N: 16,083.4830 E: 21,916.3190
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 7, 2025 7:35 AM	Surface Elevation:	777.72’
Drilling Completion Date & Time:	August 7, 2025 10:50 AM		
Well Completion Date & Time:	August 7, 2025 12:31 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Dave	Total Depth Drilled:	102’
Inspector:	TWH	ECY Well Tag:	BQN-721

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
07:53	14’	104	Dry	Moderate	Plastic, Textiles
08:02	25’	120	Dry	Moderate	Plastic
08:24	38’	114	Dry	Moderate	Plastic, Wood, Other Organic
08:32	46’	109	Dry	Moderate	Plastic, Dirt
08:51	54’	121	Dry	Moderate	Plastic, Textiles, Wood
09:12	61’	134	Slightly Moist	Moderate	Plastic, Wood
09:49	79’	140	Moist	Moderate	Plastic, Rock, Other Organics
10:30	96’	139	Moist	Moderate	Plastic, Textiles



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	81’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	87’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

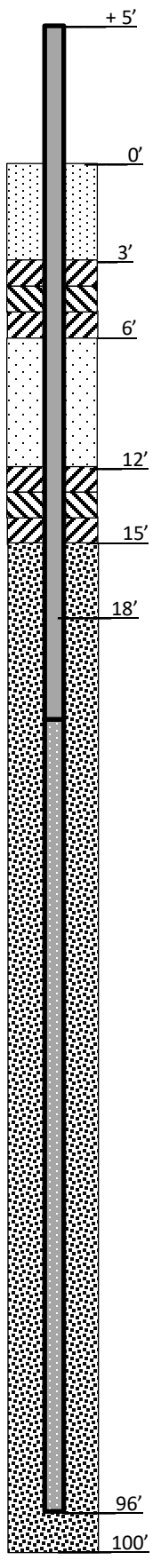
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-472
Project Number:	04225001.16	Coordinates:	N: 16,023.9180 / E: 22012.2270
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 12, 2025 8:00 AM	Surface Elevation:	774.78’
Drilling Completion Date & Time:	August 12, 2025 1:40 PM		
Well Completion Date Time:	August 12, 2025 3:34 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8" PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	100’
Inspector:	TWH	ECY Well Tag:	BQN-724

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:19	10’	83	Dry	Little	Plastic
08:41	20’	108	Dry	Moderate	Plastic, Textiles, Wood, Color: Black
09:24	34’	115	Dry	Moderate	Plastic, Wood, Color: Brown
09:58	44’	132	Dry	Moderate	Plastic, Textiles, Wood, Color: Brown
10:36	54’	144	Saturated	Moderate	Wood, Color: Black
11:12	68’	141	Saturated	Moderate	Plastic, Wood, Color: Black
11:56	74’	153	Saturated	Moderate	Plastic, Wood, Color: Black
12:38	85’	155	Saturated	Moderate	Plastic, Wood, Color: Black
13:20	94’	153	Saturated	Moderate	Plastic, Wood, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	78’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	85’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

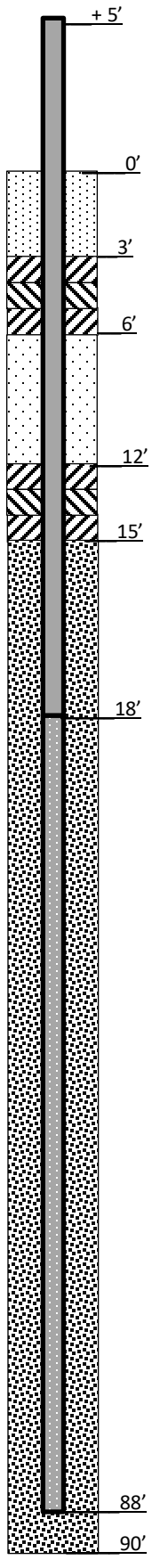
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-473
Project Number:	04225001.16	Coordinates:	N: 15,862.2020 E: 22,046.8200
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 11, 2025 9:17 AM	Surface Elevation:	770.90’
Drilling Completion Date & Time:	August 11, 2025 3:32 PM		
Well Completion Date & Time:	August 11, 2025 5:55 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Jack/Brandon	Total Depth Drilled:	90’
Inspector:	TWH	ECY Well Tag:	BQN-723

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
09:32	10’	82	Dry	Some	Plastic, Color: Brown
09:58	18’	100	Dry	Some	Plastic, Color: Brown
11:07	20’	110	Dry	Some	Plastic, Color: Brown
12:17	32’	141	Dry	Moderate	Plastic, Metal, Color: Brown
12:45	42’	128	Dry	Moderate	Plastic, Metal, Color: Brown
13:33	52’	122	Dry	Moderate	Plastic, Metal, Color: Brown
14:15	68’	120	Saturated	Some	Plastic, Other, Color: Black Organics
15:07	84’	123	Saturated	Moderate	Plastic, Textiles, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	70’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	75’

Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	

Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

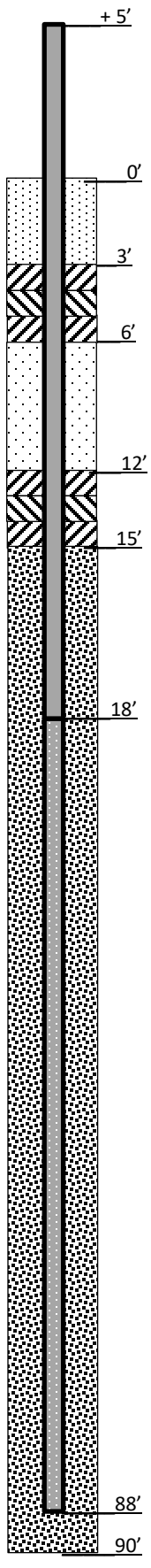
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-474
Project Number:	04225001.16	Coordinates:	N: 15,851.8270 E: 21,940.7220
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 8, 2025 8:01 AM	Surface Elevation:	770.86’
Drilling Completion Date & Time:	August 8, 2025 12:01 PM		
Well Completion Date & Time:	August 8, 2025 1:36 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Dave/Brandon	Total Depth Drilled:	90’
Inspector:	TWH	ECY Well Tag:	BQN-722

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:15	14’	90	Dry	Moderate	Plastic, Color: Brown
08:27	25’	100	Dry	Moderate	Plastic, Color: Brown
08:41	33’	118	Dry	Moderate	Plastic, Textiles, Wood, Other tires
08:55	45’	114	Slightly Moist	Moderate	Plastic, Textiles, Wood
09:24	53’	131	Saturated	Moderate	Plastic, Textiles, Color: Black
10:24	60’	133	Saturated	Moderate	Plastic, Textiles, Color: Black
11:31	81’	151	Saturated	Moderate	Plastic, Textiles, Wood, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	70’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	75’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Bentonite
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

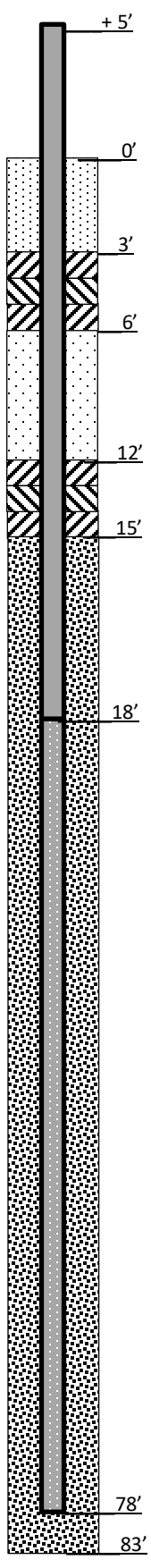
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-475
Project Number:	04225001.16	Coordinates:	N: 15,696.0820 E: 21,828.0540
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 13, 2025 8:15 AM	Surface Elevation:	767.60’
Drilling Completion Date & Time:	August 13, 2025 12:33 PM		
Well Completion Date & Time:	August 13, 2025 2:28 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	83’
Inspector:	L. Bussjager	ECY Well Tag:	BQN-725

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:38	18’	75	Dry	Little	Plastic, Dirt, Wire
09:05	30’	90	Dry	Some	Plastic, Wire, Other Organics
09:28	41’	99	Dry	Some	Plastic, Wire, Other Organics
09:57	50’	112	Slightly Moist	Moderate	Plastic, Textiles, Other, Color: Brown Organics
10:34	58’	118	Moist	Much	Plastic, Metal, Textiles, Color: Brown
11:05	67’	110	Very Moist	Much	Plastic, Textiles
11:25	71’	112	Very Moist	Much	Plastic, Color: Brown
12:07	79’	118	Saturated	Much	Plastic, Color: Brown, Color: Black
12:33	83’	110	Saturated	Severe	Plastic, Color: Brown, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	60’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	68’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

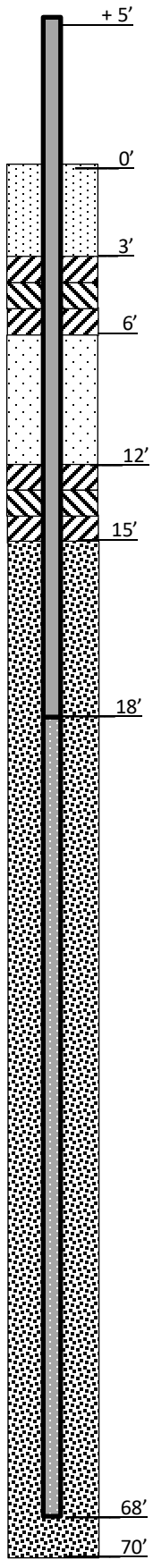
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-476
Project Number:	04225001.16	Coordinates:	N: 15,715.5320 E: 21,720.2520
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 14, 2025 9:05 AM	Surface Elevation:	756.20’
Drilling Completion Date & Time:	August 14, 2025 1:20 PM		
Well Completion Date & Time:	August 14, 2025 3:17 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	70’
Inspector:	Lauren Bussjager	ECY Well Tag:	BQN-726

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
09:12	10’	92	Slightly Moist	Little	Plastic, Textiles, Other Organics
09:45	24’	92	Dry	Moderate	Plastic, Textiles, Other Organics
10:13	32’	88	Slightly Moist	Little	Plastic, Metal, Textiles, Wood, Other, Color: Brown Organics
11:01	62’	133	Saturated	Much	Plastic, Metal, Textiles, Wood, Other, Color: Brown Organics
11:29	52’	112	Slightly Moist	Moderate	Plastic, Wood, Other, Color: Brown, Color: Black Organics
12:34	62’	133	Saturated	Much	Plastic, Metal, Textiles, Wood, Wire, Other, Color: Black Organics
13:00	67’	132	Saturated	Much	Plastic, Metal, Wood, Wire, Color: Brown, Color: Black
13:20	70’	127	Saturated	Much	Plastic, Textiles, Wire, Other, Color: Brown, Color: Black Organics



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	50’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	55’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Bentonite
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

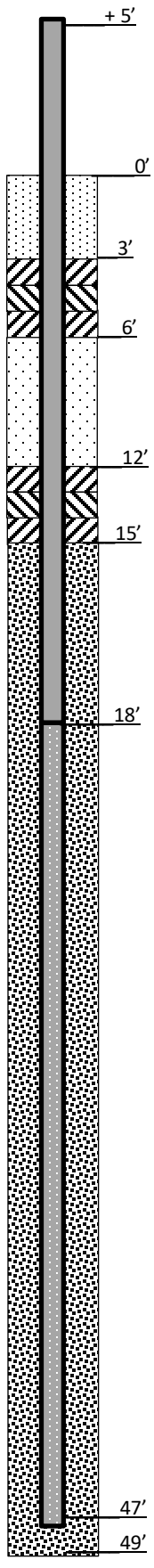
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-477
Project Number:	04226001.16	Coordinates:	N: 15,615.7640 / E: 21,632.3380
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 21, 2025 8:00 AM	Surface Elevation:	739.45’
Drilling Completion Date & Time:	August 21, 2025 10:30 AM		
Well Completion Date & Time:	August 21, 2025 11:45 AM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Tom	Total Depth Drilled:	49’
Inspector:	Alex Deszo	ECY Well Tag:	BQN-730

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:10	14’	90	Dry	Little	Plastic, Other MSW
08:20	28’	100	Dry	Little	Plastic, Other MSW
08:30	38’	102	Slightly Moist	Moderate	Plastic, Other MSW
08:47	45’	116	Slightly Moist	Moderate	Plastic, Metal, Textiles, Wire



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	29’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	34’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

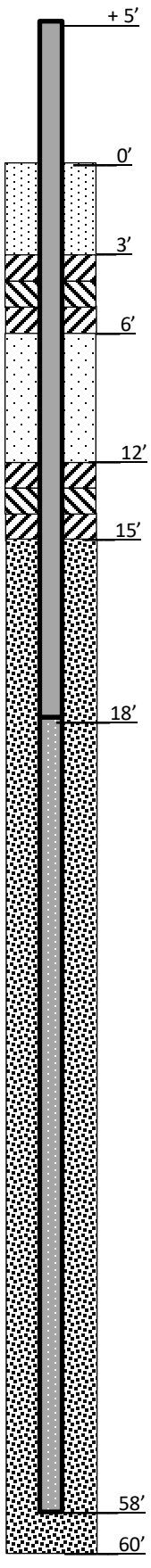
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase	Well Number:	WE-478
Project Number:	04225001.16	Coordinates:	N: 15,654.4620 / E: 21,509.1290
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 15, 2025 7:55 AM	Surface Elevation:	742.84’
Drilling Completion Date & Time:	August 15, 2025 11:17 AM		
Well Completion Date & Time:	August 15, 2025 12:35 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	60’
Inspector:	Lauren Bussjager	ECY Well Tag:	BQN-727

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:04	10’	106	Dry	Some	Plastic, Textiles, Wood
08:23	17’	125	Slightly Moist	Some	Plastic, Metal, Textiles, Wood
08:45	27’	110	Slightly Moist	Moderate	Plastic, Textiles, Wire
09:11	34’	104	Moist	Moderate	Plastic, Textiles, Other rubber
10:05	45’	125	Dry	Moderate	Plastic, Dirt, Other Organics
10:48	54’	164	Saturated	Much	Plastic, Other rubber, organics
11:00	58’	137	Saturated	Severe	Plastic
11:17	60’	134	Saturated	Severe	Plastic, Textiles, Color: Black



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	40’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	45’

Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	

Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Bentonite
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

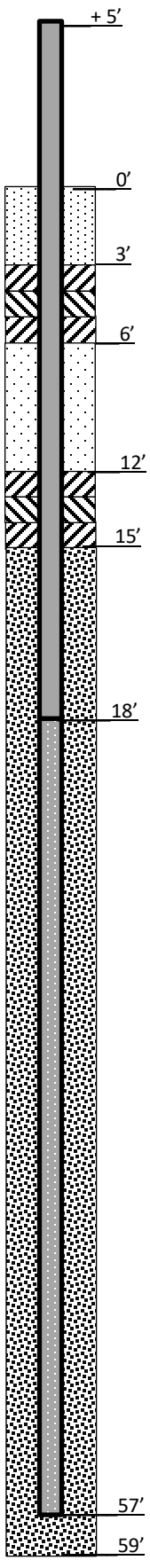
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-479
Project Number:	04225001.16	Coordinates:	N: 15,641.7410 E: 21,376.9260
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 20, 2025 7:15 AM	Surface Elevation:	740.37’
Drilling Completion Date & Time:	August 20, 2025 9:35 AM		
Well Completion Date & Time:	August 20, 2025 11:15 AM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Tommy	Total Depth Drilled:	59’
Inspector:	TWH	ECY Well Tag:	BQN-729

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
08:08	15’	100	Dry	Moderate	Other, Color: Brown MSW
08:16	20’	98	Dry	Some	Other, Color: Brown MSW
08:39	30’	102	Dry	Little	Plastic, Wood
08:55	40’	100	Dry	Little	Plastic, Wood
09:17	50’	128	Dry	Moderate	Plastic



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	39’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	44’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

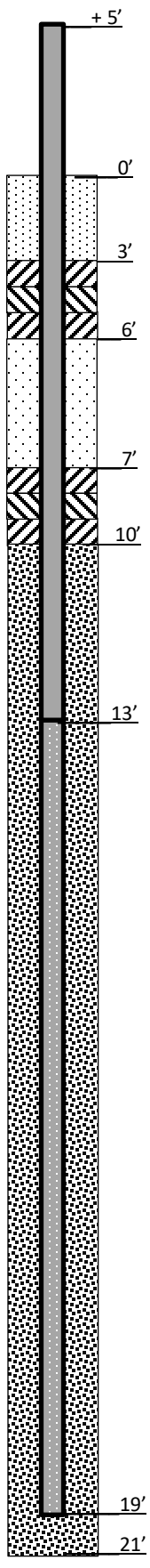
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-480
Project Number:	04225001.16	Coordinates:	N: 15,508.8430 | E: 21,280.4380
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 23, 2025 11:30 AM	Surface Elevation:	708.97’
Drilling Completion Date & Time:	September 23, 2025 12:18 PM		
Well Completion Date & Time:	September 23, 2025 1:41 AM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	21’
Inspector:	LMB	ECY Well Tag:	BQN-748

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
11:35	3’	No Data	Dry	Some	Plastic, Textiles
11:40	14’	106	Slightly Moist	Some	Plastic, Dirt, Textiles
12:15	19’	136	Slightly Moist	Some	Plastic, Wire, Other rubber, organics
12:18	21’	No Data	Slightly Moist	Moderate	Plastic, Rock



Completion Log	
Riser Stick-Up	5’
Solid Pipe	13’
Perforated Pipe	6’
Backfill	3’
Bentonite	3’
Sand Backfill	1’
Bentonite	3’
Filter Pack	11’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

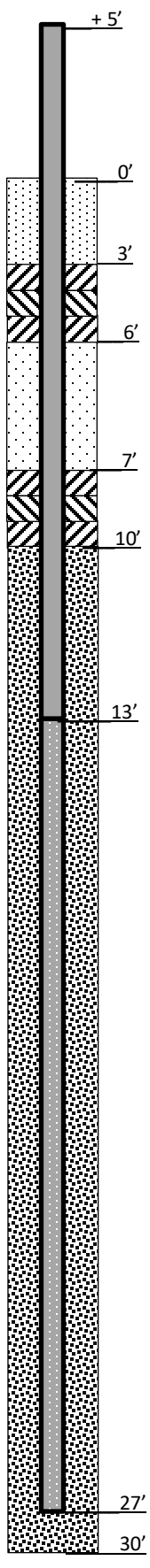
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-481
Project Number:	04224001.16	Coordinates:	N: 15,486.8250 E: 21,120.3320
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 23, 2025 7:45 AM	Surface Elevation:	703.76’
Drilling Completion Date & Time:	September 23, 2025 8:51 AM		
Well Completion Date & Time:	September 23, 2025 10:47 AM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	30’
Inspector:	LMB	ECY Well Tag:	BQN-747

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
07:56	13’	121	Slightly Moist	Little	Plastic, Textiles, Wire
08:12	22’	125	Slightly Moist	Some	Plastic, Textiles, Wire, Other Organics
08:36	27’	139	Slightly Moist	Some	Plastic, Textiles, Wood, Wire, Other Organics



Completion Log	
Riser Stick-Up	5’
Solid Pipe	13’
Perforated Pipe	14’
Backfill	3’
Bentonite	3’
Sand Backfill	1’
Bentonite	3’
Filter Pack	20’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

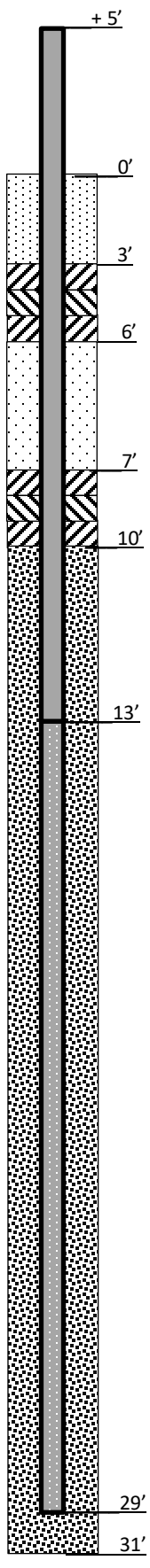
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-483
Project Number:	04225001.16	Coordinates:	N: 15,642.7640 E: 21,110.3810
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	September 22, 2025 11:50 AM	Surface Elevation:	706.41’
Drilling Completion Date & Time:	September 22, 2025 12:30 PM		
Well Completion Date & Time:	September 22, 2025 4:20 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	31’
Inspector:	TWH	ECY Well Tag:	BQN-746

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
12:04	12’	104	Dry	Little	Plastic, Textiles
12:15	20’	120	Dry	Little	Plastic, Textiles
12:23	25’	140	Dry	Little	Plastic, Textiles



Completion Log	
Riser Stick-Up	5’
Solid Pipe	13’
Perforated Pipe	16’
Backfill	3’
Bentonite	3’
Sand Backfill	1’
Bentonite	3’
Filter Pack	21’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

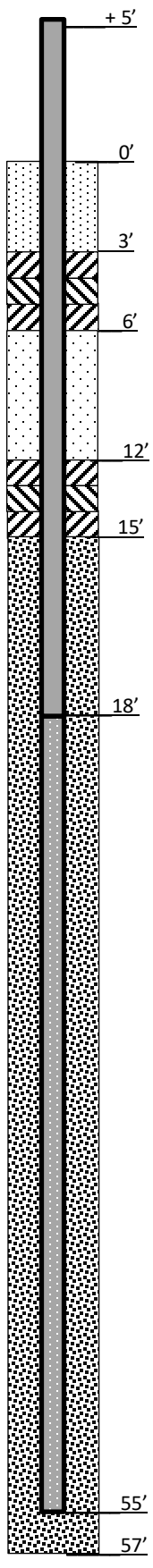
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-484
Project Number:	04225001.16	Coordinates:	N: 15,654.0440 E: 21,245.2540
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 25, 2025 11:06 AM	Surface Elevation:	737.03’
Drilling Completion Date & Time:	August 25, 2025 2:07 PM		
Well Completion Date & Time:	August 25, 2025 3:18 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Brandon	Total Depth Drilled:	57’
Inspector:	Lauren Bussjager	ECY Well Tag:	BQN-731

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
11:20	11’	112	Dry	Some	Plastic, Textiles
11:40	18’	116	Dry	Some	Plastic, Textiles, Wire
11:59	27’	126	Dry	Moderate	Plastic, Dirt, Textiles, Wood, Color: Brown
12:20	34’	122	Dry	Some	Plastic, Textiles, Wood, Other Rubber
12:51	44’	130	Dry	Moderate	Plastic, Dirt, Wood, Other rubber
13:21	52’	150	Dry	Moderate	Plastic, Textiles, Wire, Color: Brown
13:48	62’	163	Dry	Much	Plastic, Wood, Color: Brown
02:07	57’	152	Dry	Much	Plastic, Textiles, Wood



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	37’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	42’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

SCS ENGINEERS

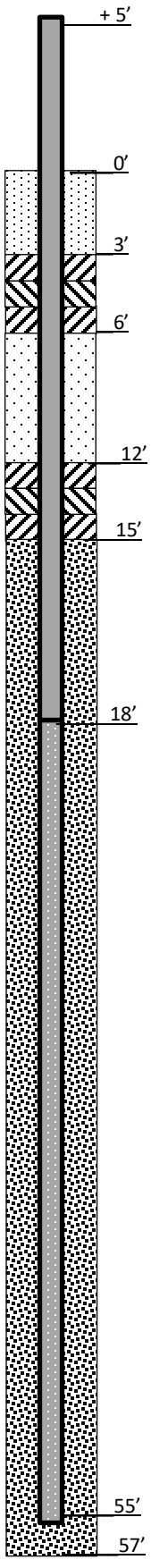
BOREHOLE AND WELL LOG

Project Information

Site Name:	LRI 2025 GCCS Expansion - Phase 2	Well Number:	WE-485
Project Number:	04225001.16	Coordinates:	N: 15,799.6510 E: 21,235.3890
		Elevation Datum:	NGVD 1929
Drilling Start Date & Time:	August 27, 2025 9:01 AM	Surface Elevation:	740.54’
Drilling Completion Date & Time:	August 27, 2025 11:03 AM		
Well Completion Date & Time:	August 27, 2025 12:37 PM	Boring Diameter:	36"
Contractor:	DBM	Pipe Diameter/Material:	8” PVC SCH 80
Driller:	Tommy	Total Depth Drilled:	57’
Inspector:	Lauren Bussjager	ECY Well Tag:	BQN-733

Well Log

Time	Depth	Temp (°F)	Moisture	Decomposition	Composition
09:08	12’	92	Dry	Some	Plastic, Textiles, Wire
09:24	23’	102	Dry	Some	Plastic, Textiles
09:39	30’	100	Dry	Some	Plastic, Textiles
09:59	43’	99	Dry	Some	Plastic, Textiles, Wire
10:17	43’	107	Dry	Moderate	Plastic, Wood, Wire
10:40	55’	140	Dry	Moderate	Plastic, Textiles, Wire
11:03	57’	145	Dry	Moderate	Plastic, Wood, Wire



Completion Log	
Riser Stick-Up	5’
Solid Pipe	18’
Perforated Pipe	37’
Backfill	3’
Bentonite	3’
Sand Backfill	6’
Bentonite	3’
Filter Pack	42’
Backfill Log	
Sand	
Bentonite Chips	
#8 Bentonite	
Stone/Gravel	
Solid Pipe	
Perforated Pipe	
Materials List	
Top/Bottom Cap	PVC SCH 80
Solid Pipe	PVC SCH 80
Perforated Pipe	PVC SCH 80
Bentonite Chips	3/8” Chips
#8 Bentonite	#8 Granules
Backfill	Sand
Gravel/Stone	1.5-2" Round Rock

Appendix I

Financial Assurance Cost Estimates

Table 1
Estimated Closure Costs
LRI Landfill, Pierce County, Washington
January 29, 2025 Update

Total Acreage at Full Build-Out:	169.84	Acres
Remaining Closure at Full Build-Out:	119.37	Acres
Remaining Closure at Full Build-Out:	5,199,757	SF

Item	Description	Unit	Unit Price	Quantity	Cost
1	Subgrade Preparation	SF	$ 0.10	5,199,757	$ 530,375.23
2	Bedding Layer (6-inch layer)	SF	$ 0.71	5,199,757	$ 3,712,626.64
3	Geosynthetic Clay Liner	SF	$ -	-	$ -
4	Geomembrane - Micro DrainLiner	SF	$ 1.00	5,199,757	$ 5,213,588.55
5	Geotextile Filter	SF	$ 0.38	5,199,757	$ 1,978,299.62
6	Vegetative / Topsoil Layer (14-inch layer)	SF	$ 1.22	5,199,757	$ 6,364,502.81
7	Erosion Control Blanket	SF	$ 0.26	5,199,757	$ 1,325,938.09
8	Hydroseed	acre	$ 3,952.50	119.4	$ 471,809.93
9	Access Road (24 ft wide w/ 3-in asphalt layer)	LF	$ 137.63	1,060	$ 145,888.04
10	Storwater Ditches	LF	$ 34.17	8,558	$ 292,426.86
11	4-inch gas collection piping	LF	$ -	-	$ -
12	6-inch gas collection piping	LF	$ 53.75	18,596	$ 999,535.00
13	8-inch gas collection piping	LF	$ 67.72	1,157	$ 78,352.04
14	12-inch gas header piping	LF	$ 83.08	1,919	$ 159,430.52
15	18-inch gas header piping	LF	$ 116.85	3,000	$ 350,550.00
16	Condensate Sumps	EA	$ 17,486.63	5	$ 87,433.13
17	Vertical Gas Extraction Wells (Approx. 9490-feet total)	EA	$ 192.70	9,490	$ 1,828,723.00
	Subtotal				$ 23,539,479
	Mobilization @	5.0%			$ 1,176,974
	Sales Tax @	8.1%			$ 1,906,698
	Engineering and Construction Management @	7.5%			$ 1,765,461
				Estimated Closure Cost:	**$ 28,388,612**
	Total Acreage at Full Build-Out:	169.84			
	Acreage with Final Closure through 2025:	50.47			
	Acres Remaining to be Closed at Full Build-Out:	119.37			
				Estimated Per Acre Unit Cost:	**$ 237,820.33**
	Constructed Acreage through 2025:	148.21			
	Acreage Closed through 2025:	50.47			
	Remaining Acres to be Closed as of January 1, 2025:	97.74			
				Estimated 2025 Closure Cost:	**$ 23,244,559**

Note: Closure and constructed acreages are plan-view.

Table 2
Estimated Annual Post-Closure Costs
LRI Landfill, Pierce County, Washington
January 29, 2025 Update

Total Acreage at Full Build-Out: 169.84
Constructed Acreage through 2025: 148.21

Description	Frequency	Quantity	Unit Cost	Total Cost
LDCRS Monitoring (11 sumps)				
sample collection	quarter	4	$ 2,123.00	$ 8,492.00
laboratory testing	quarter	4	$ 3,836.00	$ 15,344.00
data analysis and reporting	quarter	4	$ 2,831.00	$ 11,324.00
Groundwater Monitoring				
sample collection	quarter	4	$ 8,493.00	$ 33,972.00
laboratory testing	quarter	4	$ 8,512.00	$ 34,048.00
data analysis and reporting	quarter	4	$ 11,324.00	$ 45,296.00
Surface Water Monitoring				
sample collection	quarter	4	$ 779.00	$ 3,116.00
laboratory analysis	quarter	4	$ 719.00	$ 2,876.00
data analysis and reporting	quarter	4	$ 2,123.00	$ 8,492.00
Gas System Monitoring				
surface emission monitoring	quarterly	4	$ 1,416.00	$ 5,664.00
probe monitoring	month	12	$ 1,769.00	$ 21,228.00
data analysis and reporting	annual	1	$ 28,311.00	$ 28,311.00
General Facility Maintenance				
gas system maintenance	annual	1	$ 3,392.00	$ 3,392.00
gas flare replacement, 30 year amortization	annual	1	$ 15,169.00	$ 15,169.00
gas system operation	annual	1	$ 16,961.00	$ 16,961.00
cover maintenance	acre	148.21	$ 393.00	$ 58,246.53
cover replacement & repair	annual	1	$ 3,392.00	$ 3,392.00
sedimentation basin	annual	1	$ 3,921.00	$ 3,921.00
ditch / erosion maintenance	annual	1	$ 1,696.00	$ 1,696.00
buildings	month	12	$ 393.00	$ 4,716.00
equipment	month	12	$ 393.00	$ 4,716.00
General Operating Expenses				
administration	month	12	$ 1,568.00	$ 18,816.00
support services / accounting	month	12	$ 1,568.00	$ 18,816.00
real estate taxes	year	1	$ 62,747.00	$ 62,747.00
electricity	month	12	$ 1,523.00	$ 18,276.00
legal	year	1	$ 1,568.00	$ 1,568.00
engineering	year	1	$ 1,568.00	$ 1,568.00
Leachate System Operation & Maintenance				
pumps	year	2	$ 5,208.00	$ 10,416.00
collection pipe and force main	year	1	$ 3,254.00	$ 3,254.00
storage and load facility	year	1	$ 3,254.00	$ 3,254.00
trucking	gal	1,200,000	0.03	$ 36,000
treatment	gal	1,200,000	0.04	$ 48,000
			Estimated Annual Cost:	**$ 553,088**

Notes: 1) LDCRS monitoring costs assume sample collection, lab testing, and reporting for 11 sumps (LDCRS-1, 2A, 2B, 3A, 4A, 4B, 5, 6, 7, 8, and 9B).
2) Groundwater monitoring costs include sample collection, lab testing, and reporting for 9 wells (MW-1, 2, 3, 4, 5, 6, 7, 9, and 10) and 11 leachate sumps (LCRS-1, 2A, 2B, 3A, 4A, 4B, 5, 6, 7, 8, and 9B).
3) Surface water monitoring costs assume samples will be collected by LRI staff.

Appendix J

LRI Landfill 2024 Tonnage Report Form

Facility Identification Information

Facility Name :	LRI Landfill
Street Address :	30919 Meridian St E
City, State, Zip :	Graham, WA, 98375

Submitted By:	Berndahl, Travis
Report By :	Travis Berndahl 4252133617 tberndahl@scsengineers.com
Submitted Date :	4/22/2026

Did your facility operate at any point in 2025?

Yes

Are you open to the public?	No
Tip Fee Amount	$191.65 Per Ton
Were there any changes in your management practices that impacted your operations?	No
Are there any new solid waste activities planned at your site?	No

Facility Operations

Facility Remaining Capacity	9,102,494.00 Tons
Years of Remaining Life for Facility	10.00
Estimated Year of Closure	2036
Planning an Expansion this year?	Yes

Waste Disposed

Source county	Source State	Source Country	Material	Description	Units	Waste Qty
Pierce	WA	United States of America (USA)	Contaminated Soils (other)		Tons	174,421.00
Pierce	WA	United States of America (USA)	Medical Waste		Tons	164.00
Pierce	WA	United States of America (USA)	Auto fluff		Tons	134,761.00
Pierce	WA	United States of America (USA)	Sawdust/Shavings		Tons	34.00
Pierce	WA	United States of America (USA)	Other		Tons	48,013.00
Pierce	WA	United States of America (USA)	Municipal/Commercial Solid Waste		Tons	668,551.00
Pierce	WA	United States of America (USA)	Construction & Demolition Debris		Tons	11,042.00
Pierce	WA	United States of America (USA)	Industrial Waste		Tons	34,525.00
Pierce	WA	United States of America (USA)	Asbestos		Tons	709.00

Materials Received for Recycle or Compost

Source County	Source State	Source Country	Material	Description	Units	Residential Qty	Commercial Qty	Total

Final Use/Disposition of Materials Recycled or Composted

Material	Quantity	Units	Disposition	Destination	City	County	State	Country

Documents Uploaded

Groundwater Monitoring

Financial Assurance

Other Supporting Documents