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Date
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Project No.
1940114239

2025 CCR ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

WESTON DISPOSAL SITE NO. 3 LANDFILL

**2025 CCR ANNUAL GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT
WESTON DISPOSAL SITE NO. 3 LANDFILL**

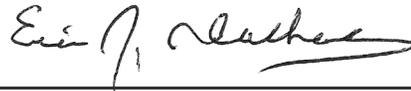
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Prepared by **Kyle J. Schaefer**
Checked by **Eric J. Tlachac, PE**
Approved by **Nathaniel R. Keller, PG**

Ramboll
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204
USA

T 414-837-3607
F 414-837-3608
<https://ramboll.com>



Kyle J. Schaefer
Senior Lead Consultant, Site Solutions



Eric J. Tlachac, PE
Senior Managing Consultant



Nathaniel R. Keller, PG
Senior Managing Consultant

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ACRONYMS AND ABBREVIATIONS

| | |
|-----------------|--|
| § | Section |
| 40 C.F.R. | Title 40 of the Code of Federal Regulations |
| ACL | Alternative Concentration Limit |
| Ca | calcium |
| CCR | coal combustion residuals |
| Cl | chloride |
| ES | Enforcement Standard |
| ESAP | Environmental Sampling & Analysis Plan |
| mg/L | milligrams per liter |
| NA | not applicable |
| No. | number |
| NRT/OBG | Natural Resource Technology, an OBG Company |
| PAL | Preventive Action Limit |
| Ramboll | Ramboll Americas Engineering Solutions, Inc. |
| SAP | Sampling and Analysis Plan |
| SO ₄ | Sulfate |
| TBD | to be determined |
| TDS | total dissolved solids |
| WDNR | Wisconsin Department of Natural Resources |
| WDS3 | Weston Disposal Site No. 3 Landfill |
| Wis. Adm. Code | Wisconsin Administrative Code |

EXECUTIVE SUMMARY

On August 1, 2022, the Wisconsin Department of Natural Resources (WDNR) updated Wisconsin Administrative Code (Wis. Adm. Code) NR 500 to include additional requirements for new and existing Coal Combustion Residual (CCR) Landfills in the State of Wisconsin. This report has been prepared to provide the information required by Ch. NR 507.15(3)(m) for the Weston Disposal Site Number (No.) 3 (WDS3) Landfill (License #3067) located in the Town of Knowlton, Wisconsin.

In accordance with the August 1, 2022 revisions to Ch. NR 500 Wis. Adm. Code, a Plan of Operation Modification (Plan Mod), including an Environmental Sampling and Analysis Plan (ESAP) Addendum, was prepared as required in Ch. NR 514.045 for the above referenced CCR landfill and submitted to WDNR by February 1, 2023 for review and approval.

- WDNR determined in a letter dated April 26, 2023 that the Plan Mod was incomplete and requested additional information. A revised Plan Mod was prepared and submitted on December 20, 2023.
- WDNR determined in a letter dated March 18, 2024 that the revised Plan Mod remained incomplete and requested additional information. Following this request, a second revision to the Plan Mod was prepared and submitted on August 23, 2024.
- On November 21, 2024, a notification letter from WDNR provided concurrence on completeness of the Plan Mod. A virtual meeting was held on January 7, 2025, allowing public comment on the Plan Modification and the comment period remained open until January 27, 2025.
- On March 25, 2025, WDNR provided a DRAFT Conditional Plan Mod Approval. A 30-day public comment period was held between March 25, 2025, and April 24, 2025, to comply with s. NR 514.045(4), Wis. Adm. Code.
- On January 12, 2026, WDNR provided a final Conditional Plan Mod Approval.

Beginning in 2016, sampling at the WDS3 Landfill was completed in accordance with the Detection Monitoring Program requirements specified in Title 40 of the Code of Federal Regulations (40 C.F.R.) Section (§) 257.94. Following the updates to Ch. NR 500 Wis. Adm. Code in 2022, groundwater sampling has been completed in accordance with Ch. NR 507.15(3)(L) (Detection Monitoring) since 2023.

Comparisons of the concentrations of detected parameters to Ch. NR 140 groundwater quality standards (Preventive Action Limits [PALs] and Enforcement Standards [ESs]) were not completed in 2025 because these standards for some Detection Monitoring Parameters are calculated based upon site-specific baseline monitoring data (e.g., Field Specific Conductance, Total Alkalinity, Total Hardness, Total Calcium, and Total Dissolved Solids). Values for these standards were proposed in the Plan Mod and only recently approved. An Alternative Concentration Limit (ACL) for Total Boron was also proposed for monitoring well LS-106 in the Plan Mod recently approved.

No changes were made to the monitoring system in 2025 (no wells were installed or decommissioned).

1. INTRODUCTION

This report has been prepared by Ramboll Americas Engineering Solutions, Inc. (Ramboll) on behalf of Wisconsin Public Service Corporation, to provide the information required by Ch. NR 507.15(3)(m) at the WDS3 Landfill (License #3067) located in the Town of Knowlton, Wisconsin.

In accordance with Ch. NR 507.15(3)(m), the owner or operator of a CCR landfill must prepare an Annual Groundwater Monitoring and Corrective Action Report for the preceding calendar year that documents the status of the Groundwater Monitoring and Corrective Action Program for the CCR landfill (**Section 2**), summarizes key actions completed (**Section 3**), describes any problems encountered, discusses actions to resolve the problems (**Section 4**), and projects key activities for the upcoming year (**Section 5**). At a minimum, the annual report must contain the following information, to the extent available:

1. A map, aerial image, or diagram showing the CCR landfill and all upgradient and downgradient monitoring wells, including the well identification numbers, that are part of the groundwater monitoring for the CCR landfill (**Figure 1**).
2. Identification of any monitoring wells that were installed or decommissioned during the preceding year, along with a narrative description of why those actions were taken (**Section 3**).
3. In addition to all the monitoring data obtained under Ch. NR 507.15(3)(L) (**Tables 1 and 2**), a summary including the number of groundwater samples that were collected for analysis for each upgradient and downgradient well, the dates the samples were collected, and whether the sample was required by the Detection Monitoring or Assessment Monitoring (**Section 3 and Table A**).
4. A narrative discussion of any transition between monitoring including the date and circumstances for transitioning from Detection Monitoring to Assessment Monitoring (**Section 2**) in addition to identifying any constituents detected above Ch. NR 140 standards (**Table A**).
5. A section at the beginning of the annual report that provides an overview of the current status of groundwater monitoring and corrective action for the CCR landfill (**Executive Summary**). At a minimum, the summary shall include all of the following:
 - i. At the start of the current annual reporting period, whether the CCR landfill was operating under Detection Monitoring or Assessment Monitoring.
 - ii. At the end of the current annual reporting period, whether the CCR landfill was operating under Detection Monitoring or Assessment Monitoring.
 - iii. If it was determined by the owner or operator that there was a groundwater quality exceedance under Ch. NR 140 for one or more constituents listed under Ch. NR 507 Appendix I for CCR wells, a listing of those constituents, the names of the monitoring wells associated with the exceedances, and the date when the Assessment Monitoring was initiated for the CCR landfill.
 - iv. If corrective action measures were required, the date when the assessment of corrective measures was initiated for the CCR landfill, the date when the public informational hearing under Ch. NR 508.06(3)(e) was held for the discussion of the results of the

remedial action options report, and the date when the assessment of corrective measures was completed.

- v. If a remedy was required under Ch. NR 508 during the annual reporting period, the date of remedy selection, and whether remedial activities were initiated or are ongoing during the annual reporting period.

This report provides the required information for the WDS3 Landfill for calendar year 2025.

2. MONITORING AND CORRECTIVE ACTION PROGRAM STATUS

As required in Ch. NR 514.045, a Plan Mod, including an ESAP Addendum, was prepared for the WDS3 Landfill to fulfill additional requirements related to the August 1, 2022 revisions to Ch. NR 500 and submitted to WDNR by February 1, 2023 for review and approval.

- WDNR determined in letters dated April 26, 2023 and March 18, 2024 that the Plan Mod and a subsequent revision were incomplete and requested additional information.
- A second revision to the Plan Mod. was prepared and submitted on August 23, 2024.
- On November 21, 2024, a notification letter from WDNR provided concurrence on completeness of the Plan Mod. A virtual meeting was held on January 7, 2025, allowing public comment on the Plan Mod. and the public comment period remained open until January 27, 2025.
- On March 25, 2025, WDNR provided a DRAFT Conditional Plan Mod Approval. A 30-day public comment period was held between March 25, 2025, and April 24, 2025, to comply with s. NR 514.045(4), Wis. Adm. Code.
- On January 12, 2026, WDNR provided a final Conditional Plan Mod Approval.

Comparisons of the concentrations of detected parameters to Ch. NR 140 groundwater quality standards (Preventive Action Limits [PALs] and Enforcement Standards [ESs]) were not completed in 2025 because these standards for some Detection Monitoring Parameters are calculated based upon site-specific baseline monitoring data (e.g., Field Specific Conductance, Total Alkalinity, Total Hardness, Total Calcium, and Total Dissolved Solids). Values for these standards were proposed in the Plan Mod and only recently approved. An Alternative Concentration Limit (ACL) for Total Boron was also proposed for monitoring well LS-106 in the Plan Mod recently approved. Accordingly, no changes have occurred to the monitoring program status in calendar year 2025.

Beginning in 2016 sampling at the WDS3 Landfill was completed in accordance with the Detection Monitoring Program requirements specified in Title 40 of the Code of Federal Regulations (40 C.F.R.) Section (§) 257.94. Following updates to the Wis. Adm. Code in 2022, groundwater sampling has been completed in accordance with Ch. NR 507.15(3)(L) (Detection Monitoring).

3. KEY ACTIONS COMPLETED IN 2025

The Detection Monitoring Program is summarized in **Table A**, below. The groundwater monitoring system, including the CCR unit and all background (upgradient) and downgradient monitoring wells, is presented in **Figure 1**. No changes were made to the monitoring system in 2025.

In general, one groundwater sample was collected from each background and downgradient well during each monitoring event. All samples were collected and analyzed in accordance with the *Sampling and Analysis Plan Revision 1, Weston Disposal Site No. 3 Landfill* (Ramboll, 2023) submitted as Appendix C of the ESAP Addendum. Potentiometric surface maps for both monitoring events in 2025 are included in **Figure 2 and Figure 3**. Average linear groundwater velocity was calculated for each monitoring event as noted in the tabular summary provided with each potentiometric surface map. Water level data, collected from background and downgradient monitoring wells, are included in **Table 1**. All monitoring data and analytical results obtained under Ch. NR 507.15(3)(L) in 2024 are presented in **Table 2**. Laboratory reports for all 2025 monitoring events are included in **Appendix A**. Results for analysis of additional samples required by Ch. NR 507 are included in some reports because they were collected during the same sampling events, but are not summarized in this report.

In 2025, groundwater sampling was completed in accordance with Ch. NR 507.15(3)(L).

Table A. 2025 Detection Monitoring Program Summary

| Sampling Date | Purpose | Analytical Data Receipt Date | Parameters Analyzed |
|-----------------|----------------------|------------------------------|-------------------------------|
| April 9, 2025 | Detection Monitoring | June 20, 2025 | Ch. NR 507 App A Tables 1A |
| October 9, 2025 | Detection Monitoring | November 6, 2025 | Ch. NR 507 App A Tables 1A |

4. PROBLEMS ENCOUNTERED AND ACTIONS TO RESOLVE THE PROBLEMS

No problems were encountered with the Groundwater Monitoring Program during 2025. Groundwater samples were collected and analyzed in accordance with the SAP and all data were accepted.

5. KEY ACTIVITIES PLANNED FOR 2026

The following key activities are planned for 2026:

- Detection Monitoring in accordance with Ch. NR 507.15(3)(L) with semi-annual sampling scheduled for the second and fourth quarters of 2026.
- Complete evaluation of groundwater analytical data against Ch. NR 140 standards including the PALs, ESs, and/or ACLs, approved by WDNR.
- A notification will be provided to WDNR within 90 days of the end of the sampling period when results indicate concentrations have attained or exceeded groundwater standards in accordance with Ch. NR 507.30. The notification shall specify the parameters that have attained or exceeded standards, the wells at which the standards (PAL, ES, or ACL) were attained or exceeded, and provide a preliminary analysis of the cause and significance of each concentration in accordance with Chs. NR 140.24(1)(a) or 140.26(1)(a). The notification shall also include the intent to either begin Assessment Monitoring or determine whether a false exceedance occurred.
- As described in Chs. NR 508.06(1)(c) and NR 507.28(3), if a groundwater standard exceedance is detected in a CCR well, a demonstration may be completed and submitted within 60 days of detecting the exceedance to indicate if a source other than WDS3 Landfill is the cause or the exceedance is due to an error.
 - If WDNR concurs with the false exceedance demonstration within 30 days of receipt, Detection Monitoring will continue.
 - If WDNR does not concur within 30 days, an Assessment Monitoring Program in accordance with Ch. NR 508.06(2) will be initiated.

6. REFERENCES

Ramboll, 2023. *Sampling and Analysis Plan Revision 1, Weston Disposal Site No. 3 Landfill, Town of Knowlton, Wisconsin*. December 19, 2023.

TABLES

**TABLE 1
GROUNDWATER ELEVATIONS**

2025 CCR ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
WESTON DISPOSAL SITE NO. 3 LANDFILL
TOWN OF KNOWLTON, WI

| Well ID | Well Type | Latitude (Decimal Degrees) | Longitude (Decimal Degrees) | Date | Groundwater Elevation (ft NAVD88) |
|---------|---------------------------|----------------------------|-----------------------------|-----------|-----------------------------------|
| LS-101 | Background (Upgradient) | 44.72648 | -89.63627 | 4/8/2025 | 1197.61 |
| | | | | 10/8/2025 | 1191.97 |
| LS-100 | Compliance (Downgradient) | 44.72484 | -89.63437 | 4/8/2025 | 1192.57 |
| | | | | 10/8/2025 | 1187.79 |
| LS-105 | Compliance (Downgradient) | 44.72295 | -89.63439 | 4/8/2025 | 1186.89 |
| | | | | 10/8/2025 | 1184.24 |
| LS-106 | Compliance (Downgradient) | 44.72219 | -89.63533 | 4/8/2025 | 1182.64 |
| | | | | 10/8/2025 | 1181.39 |
| LS-107 | Compliance (Downgradient) | 44.72630 | -89.63852 | 4/8/2025 | 1189.19 |
| | | | | 10/8/2025 | 1188.07 |
| LS-52 | Water Level Only | NA | NA | 4/8/2025 | 1192.38 |
| | | | | 10/8/2025 | 1189.68 |

Notes:

ft = foot/feet

NAVD88 = North American Vertical Datum of 1988

Weston Disposal Site #3
Table 2. Analytical Results - CCR Parameters

Date Range: 01/01/2025 to 12/31/2025

| Well Id | Date Sampled | Lab Id | Alkalinity, unfiltered, mg/L | B, tot, mg/L | Ca, tot, mg/L | Cl, tot, mg/L | Fluoride, total, mg/L | Hardness, tot, mg/L |
|---------|--------------|-------------|---------------------------------|--------------|---------------|---------------|--------------------------|------------------------|
| LS-100 | 4/9/2025 | 40293455006 | 31.0 | <0.0173 | 11.1 | 2.20 | <0.095 | 35.20 |
| | 10/9/2025 | AE82248 | 39.1 | 0.0248 | 36.8 | 23.50 | <0.095 | 119.00 |
| LS-101 | 4/9/2025 | 40293455008 | 13.5 | <0.0173 | 2.8 | 0.74 | <0.095 | 10.20 |
| | 10/9/2025 | AE82249 | 24.2 | <0.0173 | 5.1 | <0.59 | <0.095 | 171.00 |
| LS-105 | 4/9/2025 | 40293455015 | 74.1 | 0.0246 | 20.3 | 2.40 | <0.095 | 71.30 |
| | 10/9/2025 | AE82250 | 83.0 | 0.0538 | 20.8 | 1.30 | <0.095 | 71.70 |
| LS-106 | 4/9/2025 | 40293455017 | 10.6 | 0.0547 | 3.0 | <0.59 | <0.095 | 16.40 |
| | | 40293455024 | | | | | <0.095 | |
| | 10/9/2025 | AE82251 | 112.0 | <0.0173 | 26.6 | 2.30 | <0.095 | 110.00 |
| LS-107 | 4/9/2025 | 40293455018 | 37.7 | 0.0238 | 23.5 | 16.10 | <0.095 | 81.20 |
| | 10/9/2025 | AE82252 | 42.2 | 0.0398 | 28.0 | 16.20 | <0.190 | 95.60 |

Weston Disposal Site #3
Table 2. Analytical Results - CCR Parameters

Date Range: 01/01/2025 to 12/31/2025

| Well Id | Date Sampled | Lab Id | pH (field), SU | SO4, tot, mg/L | TDS, mg/L |
|---------|--------------|-------------|----------------|----------------|-----------|
| LS-100 | 4/9/2025 | 40293455006 | 5.7 | 11.0 | 56 |
| | 10/9/2025 | AE82248 | 5.1 | 58.7 | 220 |
| LS-101 | 4/9/2025 | 40293455008 | 5.6 | 1.3 | 12 |
| | 10/9/2025 | AE82249 | 5.5 | 2.1 | 40 |
| LS-105 | 4/9/2025 | 40293455015 | 5.9 | 11.1 | 76 |
| | 10/9/2025 | AE82250 | 5.7 | 6.4 | 114 |
| LS-106 | 4/9/2025 | 40293455017 | 5.8 | 1.1 | 70 |
| | | 40293455024 | | | <9 |
| | 10/9/2025 | AE82251 | 5.9 | 1.6 | 166 |
| LS-107 | 4/9/2025 | 40293455018 | 5.7 | 38.4 | 76 |
| | 10/9/2025 | AE82252 | 5.4 | 47.6 | 158 |

FIGURES

PROJECT: 71202 | DATED: 1/29/2024 | DESIGNER: GALARNIMC
Y:\GIS\Projects\1611660\Weston_Power_Plant\MXD\2023\Annual_GWM_CAR\Figure 1_Monitoring Well Location Map.mxd



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

-  CCR RULE DOWNGRAIDENT MONITORING WELL LOCATION
-  CCR RULE UPGRADIENT MONITORING WELL LOCATION
-  WESTON DISPOSAL SITE NO. 3 LANDFILL



NOTES
1. IMAGERY DATE = 10/10/2022

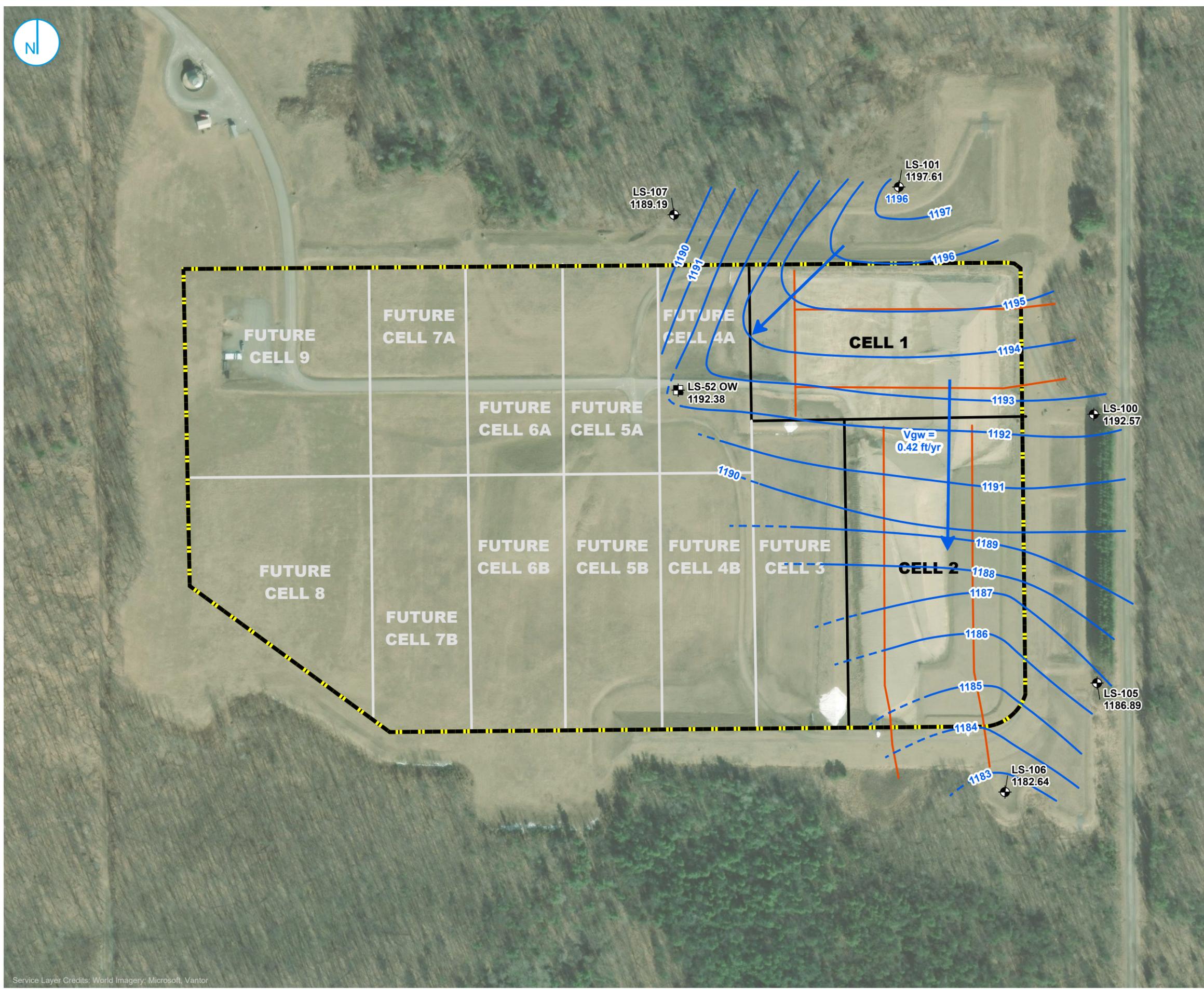
MONITORING WELL LOCATION MAP

2025 CCR ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WESTON DISPOSAL SITE NO. 3 LANDFILL
TOWN OF KNOWLTON, WISCONSIN

FIGURE 1

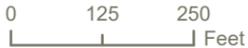
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.





- WESTON DISPOSAL SITE NO. 3 LANDFILL
- GROUNDWATER GRADIENT CONTROL SYSTEM
- CCR RULE MONITORING WELL
- MONITORING WELL LOCATION
- GROUNDWATER ELEVATION CONTOUR (1-FT CONTOUR INTERVAL, NAVD 88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

- NOTES**
1. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 2. Vgw = ESTIMATED FT/YR GROUNDWATER FLOW VELOCITY
 3. IMAGERY DATE = 3/02/2024



**POTENTIOMETRIC SURFACE MAP
APRIL 8, 2025**

**2025 CCR ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WESTON DISPOSAL SITE NO. 3 LANDFILL
TOWN OF KNOWLTON, WISCONSIN**

FIGURE 2

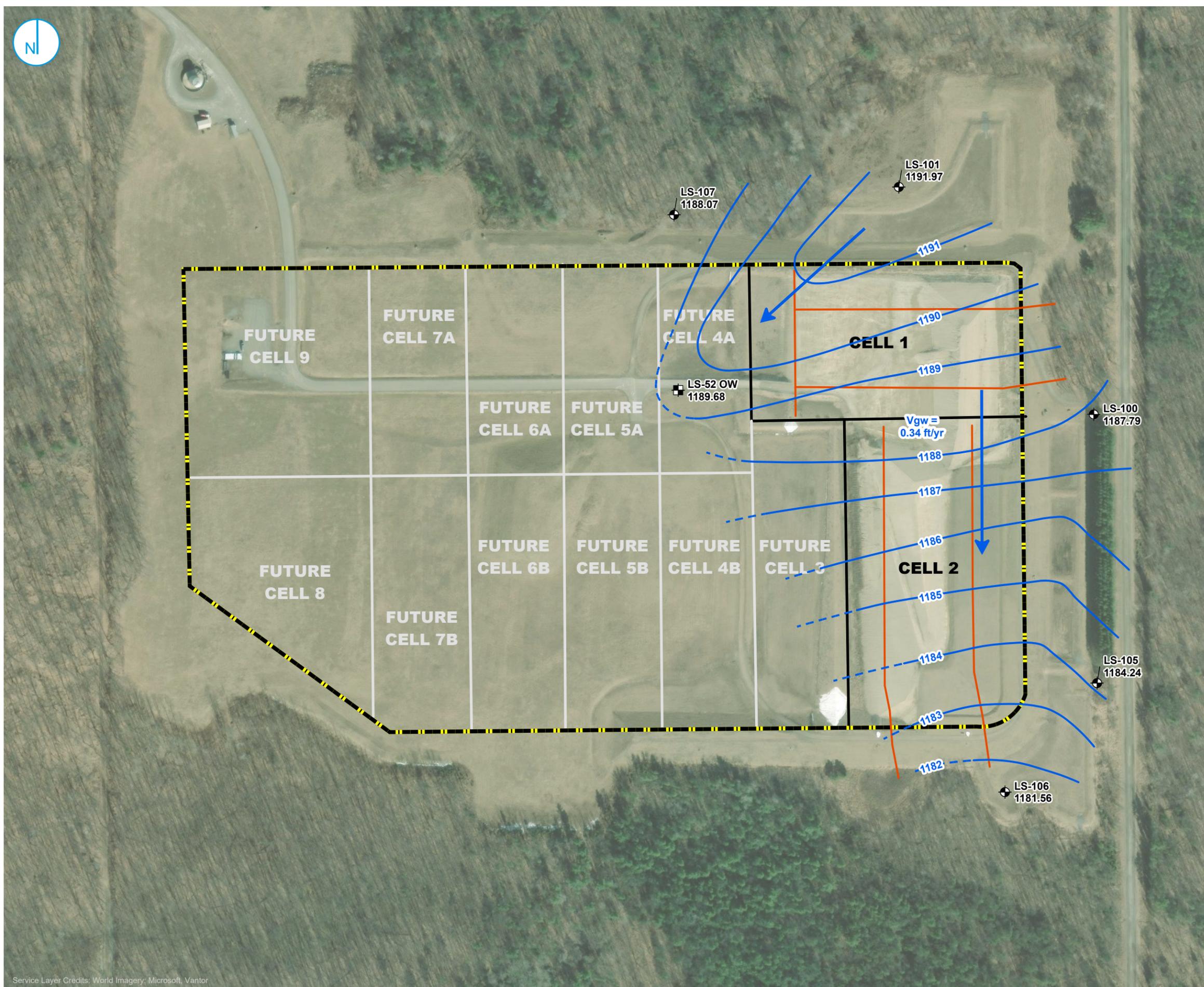
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.



**GROUNDWATER AVERAGE LINEAR VELOCITY CALCULATIONS
 WESTON DISPOSAL SITE NO. 3 LANDFILL
 TOWN OF KNOWLTON, WISCONSIN**

| | | | |
|--------------------------|------------------------------------|--|---|
| APRIL 2025 | | $V = K i / n_e$ | V = Groundwater Velocity K = Hydraulic Conductivity i = Hydraulic Gradient (unitless value) n_e = Effective Porosity |
| UPPERMOST AQUIFER | | | |
| Contours | 1196 to 1194 | South Side of Cell 1 / North Side of Cell 2 | Elevation Change (ft) |
| K = | 1.28E+01 ft/yr | Geometric mean for Landfill | Distance Change (ft) |
| i = | 0.008 | between contours identified above | 2 / 245 |
| n_e = | 25 % | | 0.008 |
| V = | $\frac{1.28E+01 * 8.16E-03}{0.25}$ | | |
| V = | 0.42 feet/year | | |

[O: KJS 6/26/2025, C: NRK 1/22/26]



- WESTON DISPOSAL SITE NO. 3 LANDFILL
- GROUNDWATER GRADIENT CONTROL SYSTEM
- CCR RULE MONITORING WELL
- MONITORING WELL LOCATION
- GROUNDWATER ELEVATION CONTOUR (1-FT CONTOUR INTERVAL, NAVD 88)
- INFERRED GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

- NOTES**
1. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
 2. V_{gw} = ESTIMATED FT/YR GROUNDWATER FLOW VELOCITY
 3. IMAGERY DATE = 3/02/2024



**POTENTIOMETRIC SURFACE MAP
OCTOBER 8, 2025**

**2025 CCR ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
WESTON DISPOSAL SITE NO. 3 LANDFILL
TOWN OF KNOWLTON, WISCONSIN**

FIGURE 3



**GROUNDWATER AVERAGE LINEAR VELOCITY CALCULATIONS
WESTON DISPOSAL SITE NO. 3 LANDFILL
TOWN OF KNOWLTON, WISCONSIN**

| | | | |
|--------------------------|------------------------------------|--|---|
| OCTOBER 2025 | | $V = K i / n_e$ | V = Groundwater Velocity K = Hydraulic Conductivity i = Hydraulic Gradient (unitless value) n_e = Effective Porosity |
| UPPERMOST AQUIFER | | | |
| Contours | 1191 to 1189 | South Side of Cell 1 / North Side of Cell 2 | Elevation Change (ft) |
| K = | 1.28E+01 ft/yr | Geometric mean for Landfill | Distance Change (ft) |
| i = | 0.007 | between contours identified above | 2 / 305 |
| n_e = | 25 % | | 0.007 |
| V = | $\frac{1.28E+01 * 6.56E-03}{0.25}$ | | |
| V = | 0.34 feet/year | | |

[O: KJS 10/14/2025, C: NRK 1/22/26]

APPENDICES

APPENDIX A
LABORATORY REPORTS

To: Eric Kovatch
 PSB Annex A231

From: WEC Business Services
 Laboratory Services PSBA-A070
 WDNR Cert # 241329000



Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-10** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78881 Sample Collection Date/Time: 04/08/2025 18:25
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 9.38 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 1.5 | 0.1 | Degrees t | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 318 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 7.17 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 5.62 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 3.7 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 163 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/15/25 | 020 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Dissolved Bicarbonate Ion | 163 | 5 | mg/L | 10 | 1 | | | 4/15/25 | 020 |
| Dissolved Potassium | 2140 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 4/11/25 | 020 |
| Dissolved Sodium | 2590 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/11/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 166000 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Sample Description: **LS-48P** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78882 Sample Collection Date/Time: 04/08/2025 16:20
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|--------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 1.00 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 2.1 | 0.1 | Degrees t | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 223 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 7.37 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 21.06 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 14.3 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | 74.1 | 17.3 | ug/L | 40 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-48P** **Weston Disposal Site #3 - Ash Landfill Sample**
Sample ID: AE78882 Sample Collection Date/Time: 04/08/2025 16:20
Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | 15.9 | 2.4 | ug/L | 10 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 97.2 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/15/25 | 020 |
| Dissolved Calcium | 14400 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 4870 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Dissolved Bicarbonate Ion | 97.2 | 5 | mg/L | 10 | 1 | | | 4/15/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 56000 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |
| Dissolved Potassium | 1900 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 4/11/25 | 020 |
| Dissolved Sodium | 24700 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/11/25 | 020 |

Sample Comments:

Sample Description: **LS-48R** **Weston Disposal Site #3 - Ash Landfill Sample**
Sample ID: AE78883 Sample Collection Date/Time: 04/08/2025 16:30
Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 1.93 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | -0.5 | 0.1 | Degrees C | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 231 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 6.71 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 48.20 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 8.3 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | 61.9 | 17.3 | ug/L | 40 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | 13.4 | 1.4 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | 653 | 56.7 | ug/L | 100 | 1 | | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 340 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | 3.2 | 2.4 | ug/L | 10 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 107 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/15/25 | 020 |
| Dissolved Calcium | 22600 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 9810 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Dissolved Bicarbonate Ion | 107 | 5 | mg/L | 10 | 1 | | | 4/15/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 96900 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-49R** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78884 Sample Collection Date/Time: 04/09/2025 15:41
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 3.46 | 0.05 | feet | | 1 | | H2OD | 4/9/25 | REL |
| Field Temperature | 0.7 | 0.1 | Degrees C | | 1 | | TEMP | 4/9/25 | REL |
| Field Conductivity | 169 | 0 | umhos | | 1 | | FCOND25 | 4/9/25 | REL |
| Field pH | 5.83 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/9/25 | REL |
| Turbidity | 2.64 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/9/25 | REL |
| Dissolved Sulfate | 4.8 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | 80.4 | 56.7 | ug/L | 100 | 1 | J | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 775 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 80.8 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/15/25 | 020 |
| Dissolved Calcium | 15800 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 6660 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Dissolved Bicarbonate Ion | 80.8 | 5 | mg/L | 10 | 1 | | | 4/15/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 66800 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Sample Description: **LS-54** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78885 Sample Collection Date/Time: 04/08/2025 14:15
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 1.26 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 0.4 | 0.1 | Degrees C | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 46 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 5.29 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 91.85 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 3.9 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 1.9 | 1.5 | ug/L | 5 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 13.7 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/17/25 | 020 |
| Dissolved Calcium | 3740 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 992 | 182 | ug/L | 1000 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/17/25 | 020 |
| Dissolved Bicarbonate Ion | 13.7 | 5 | mg/L | 10 | 1 | | | 4/17/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 13400 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Comments:

Sample Description: **LS-100** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78886 Sample Collection Date/Time: 04/09/2025 13:00
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 6.47 | 0.05 | feet | | 1 | | H2OD | 4/9/25 | REL |
| Field Temperature | -1.1 | 0.1 | Degrees t | | 1 | | TEMP | 4/9/25 | REL |
| Field Conductivity | 105 | 0 | umhos | | 1 | | FCOND25 | 4/9/25 | REL |
| Field pH | 5.69 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/9/25 | REL |
| Turbidity | 2.78 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 11.7 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Bicarbonate Ion | 31 | 5 | mg/L | 10 | 1 | | HCO3 | 4/15/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 31.1 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/15/25 | 020 |
| Total Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Calcium | 11100 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Calcium | 11400 | 114 | ug/L | 500 | 1 | D9 | EPA 200.7 | 4/14/25 | 020 |
| Total Chloride in Groundwater | 2.0 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Total Magnesium | 1820 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Magnesium | 1880 | 182 | ug/L | 1000 | 1 | D9 | EPA 200.7 | 4/14/25 | 020 |
| Total Potassium | 777 | 325 | ug/L | 1000 | 1 | J | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Potassium | 807 | 325 | ug/L | 1000 | 1 | J | EPA 200.7 | 4/14/25 | 020 |
| Total Sodium | 4680 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Sodium | 4760 | 350 | ug/L | 500 | 1 | D9 | EPA 200.7 | 4/14/25 | 020 |
| Total Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Alkalinity as CaCO3 | 31 | 5 | mg/L | 10 | 1 | | SM 2320 B-1997 | 4/15/25 | 020 |
| Total Dissolved Solids | 56 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 4/16/25 | 020 |
| Total Chloride | 2.2 | 0.59 | mg/L | 2 | 1 | | EPA 300.0 | 4/11/25 | 020 |
| Total Fluoride | Less Than | 0.095 | mg/L | 0.32 | 1 | U | EPA 300.0 | 4/11/25 | 020 |
| Total Sulfate | 11 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/11/25 | 020 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Dissolved Bicarbonate Ion | 31.1 | 5 | mg/L | 10 | 1 | | | 4/15/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 36100 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |
| Total Hardness as CaCO3 ug/L | 36100 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Comments:

Sample Description: **LS-100P** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78887 Sample Collection Date/Time: 04/08/2025 15:40
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 8.41 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 4.1 | 0.1 | Degrees t | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 290 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 6.27 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 12.48 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 25 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | 17.4 | 17.3 | ug/L | 40 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | 3.3 | 1.4 | ug/L | 5 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | 1510 | 56.7 | ug/L | 100 | 1 | | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 378 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | 3.1 | 2.4 | ug/L | 10 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 120 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/15/25 | 020 |
| Dissolved Calcium | 28900 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 9920 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Dissolved Bicarbonate Ion | 120 | 5 | mg/L | 10 | 1 | | | 4/15/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 113000 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Sample Description: **LS101** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78888 Sample Collection Date/Time: 04/09/2025 12:19
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|---------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 7.30 | 0.05 | feet | | 1 | | H2OD | 4/9/25 | REL |
| Field Temperature | -0.3 | 0.1 | Degrees t | | 1 | | TEMP | 4/9/25 | REL |
| Field Conductivity | 33 | 0 | umhos | | 1 | | FCOND25 | 4/9/25 | REL |
| Field pH | 5.58 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/9/25 | REL |
| Turbidity | 9.81 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/9/25 | REL |
| Dissolved Sulfate | 1.1 | 0.44 | mg/L | 2 | 1 | J | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS101** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78888 Sample Collection Date/Time: 04/09/2025 12:19
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/17/25 | 020 |
| Bicarbonate Ion | 13.5 | 5 | mg/L | 10 | 1 | | HCO3 | 4/17/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 12 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/17/25 | 020 |
| Total Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Chloride in Groundwater | Less Than | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Potassium | 843 | 325 | ug/L | 1000 | 1 | J | EPA 200.7 | 4/14/25 | 020 |
| Total Potassium | 936 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Sodium | 2250 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Sodium | 2300 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Iron | 491 | 56.7 | ug/L | 100 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Manganese | 5.3 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Alkalinity as CaCO3 | 13.5 | 5 | mg/L | 10 | 1 | | SM 2320 B-1997 | 4/17/25 | 020 |
| Total Dissolved Solids | 12 | 8.7 | mg/L | 20 | 1 | J | Std Mtd 2540 C | 4/16/25 | 020 |
| Total Chloride | 0.74 | 0.59 | mg/L | 2 | 1 | J | EPA 300.0 | 4/11/25 | 020 |
| Total Fluoride | Less Than | 0.095 | mg/L | 0.32 | 1 | U | EPA 300.0 | 4/11/25 | 020 |
| Total Sulfate | 1.3 | 0.44 | mg/L | 2 | 1 | J | EPA 300.0 | 4/11/25 | 020 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/17/25 | 020 |
| Dissolved Bicarbonate Ion | 12 | 5 | mg/L | 10 | 1 | | | 4/17/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 9780 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |
| Total Calcium | 2750 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Magnesium | 809 | 182 | ug/L | 1000 | 1 | J | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Calcium | 2730 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Magnesium | 717 | 182 | ug/L | 1000 | 1 | J | EPA 200.7 | 4/14/25 | 020 |
| Total Hardness as CaCO3 ug/L | 10200 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |

Sample Comments:

Sample Description: **LS-101P** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78889 Sample Collection Date/Time: 04/08/2025 17:00
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|--------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 8.15 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 4.7 | 0.1 | Degrees C | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 63 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 5.94 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 101.55 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 3 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-101P** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78889 Sample Collection Date/Time: 04/08/2025 17:00
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Cobalt | 56.2 | 1.4 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 23.9 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/15/25 | 020 |
| Dissolved Calcium | 5090 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 1240 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Dissolved Bicarbonate Ion | 23.9 | 5 | mg/L | 10 | 1 | | | 4/15/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 17800 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Sample Description: **LS-102** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78890 Sample Collection Date/Time: 04/08/2025 17:50
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 2.38 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 1.9 | 0.1 | Degrees C | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 81 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 5.37 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 5.51 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 6.7 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 3.8 | 1.5 | ug/L | 5 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 17.2 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/17/25 | 020 |
| Dissolved Calcium | 6680 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 1650 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/17/25 | 020 |
| Dissolved Bicarbonate Ion | 17.2 | 5 | mg/L | 10 | 1 | | | 4/17/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 23400 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-102P** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78891 Sample Collection Date/Time: 04/08/2025 18:00
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 1.28 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 2.4 | 0.1 | Degrees C | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 112 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 5.31 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 226.41 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 9.2 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 9.7 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 30.8 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/18/25 | 020 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/18/25 | 020 |
| Dissolved Bicarbonate Ion | 30.8 | 5 | mg/L | 10 | 1 | | | 4/18/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 39000 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |
| Dissolved Potassium | 1290 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 4/11/25 | 020 |
| Dissolved Sodium | 4070 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/11/25 | 020 |

Sample Comments:

Sample Description: **LS-103** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78892 Sample Collection Date/Time: 04/08/2025 12:05
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 8.33 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 3.1 | 0.1 | Degrees C | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 125 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 5.83 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 47.09 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 5.4 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 4 | 1.5 | ug/L | 5 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 13 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/17/25 | 020 |
| Dissolved Calcium | 6620 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 1970 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/17/25 | 020 |
| Dissolved Bicarbonate Ion | 13 | 5 | mg/L | 10 | 1 | | | 4/17/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 24700 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Comments:

Sample Description: **LS-103P** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78893 Sample Collection Date/Time: 04/08/2025 12:15
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 8.50 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 4.4 | 0.1 | Degrees t | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 561 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 7.13 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 89.96 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 15.8 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | 21.8 | 17.3 | ug/L | 40 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | 149 | 56.7 | ug/L | 100 | 1 | | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 181 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | 6 | 2.4 | ug/L | 10 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 163 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/18/25 | 020 |
| Dissolved Calcium | 68300 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 15300 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/18/25 | 020 |
| Dissolved Bicarbonate Ion | 163 | 5 | mg/L | 10 | 1 | | | 4/18/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 234000 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Sample Description: **LS-104** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78894 Sample Collection Date/Time: 04/08/2025 12:50
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|---------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 6.41 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 0.9 | 0.1 | Degrees t | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 49 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 5.79 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 21.70 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 1.9 | 0.44 | mg/L | 2 | 1 | J | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 2.3 | 1.5 | ug/L | 5 | 1 | J | EPA 200.7 | 4/14/25 | 20 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-104** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78894 Sample Collection Date/Time: 04/08/2025 12:50
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 10 | 5 | mg/L | 10 | 1 | J | Std Mtd 2320 B | 4/17/25 | 020 |
| Dissolved Calcium | 2660 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 650 | 182 | ug/L | 1000 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/17/25 | 020 |
| Dissolved Bicarbonate Ion | 10 | 5 | mg/L | 10 | 1 | J | | 4/17/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 9320 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Sample Description: **LS-105** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78895 Sample Collection Date/Time: 04/09/2025 13:44
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 3.39 | 0.05 | feet | | 1 | | H2OD | 4/9/25 | REL |
| Field Temperature | -0.3 | 0.1 | Degrees t | | 1 | | TEMP | 4/9/25 | REL |
| Field Conductivity | 197 | 0 | umhos | | 1 | | FCOND25 | 4/9/25 | REL |
| Field pH | 5.94 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/9/25 | REL |
| Turbidity | 2.47 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/9/25 | REL |
| Dissolved Sulfate | 12 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | 23.1 | 17.3 | ug/L | 40 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | 7.6 | 1.4 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | 8080 | 56.7 | ug/L | 100 | 1 | | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 1190 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Bicarbonate Ion | 74.1 | 5 | mg/L | 10 | 1 | | HCO3 | 4/15/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 78.7 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/18/25 | 020 |
| Total Boron | 24.6 | 17.3 | ug/L | 40 | 1 | J | EPA 200.7 | 4/14/25 | 020 |
| Total Cobalt | 6.2 | 1.4 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Chloride in Groundwater | 2.0 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Total Potassium | 1000 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Potassium | 1080 | 325 | ug/L | 1000 | 1 | D9 | EPA 200.7 | 4/14/25 | 020 |
| Total Sodium | 3640 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Sodium | 3640 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Iron | 7870 | 56.7 | ug/L | 100 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Manganese | 1170 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Alkalinity as CaCO3 | 74.1 | 5 | mg/L | 10 | 1 | | SM 2320 B-1997 | 4/15/25 | 020 |
| Total Dissolved Solids | 76 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 4/16/25 | 020 |
| Total Chloride | 2.4 | 0.59 | mg/L | 2 | 1 | | EPA 300.0 | 4/11/25 | 020 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-105** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78895 Sample Collection Date/Time: 04/09/2025 13:44
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|----------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Total Fluoride | Less Than | 0.095 | mg/L | 0.32 | 1 | U | EPA 300.0 | 4/11/25 | 020 |
| Total Sulfate | 11.1 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/11/25 | 020 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/18/25 | 020 |
| Dissolved Bicarbonate Ion | 78.7 | 5 | mg/L | 10 | 1 | | | 4/18/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 73500 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |
| Total Calcium | 20300 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Magnesium | 5030 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Calcium | 20900 | 114 | ug/L | 500 | 1 | D9 | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Magnesium | 5170 | 182 | ug/L | 1000 | 1 | D9 | EPA 200.7 | 4/14/25 | 020 |
| Total Hardness as CaCO3 ug/L | 71300 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |

Sample Comments:

Sample Description: **LS-105P** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78896 Sample Collection Date/Time: 04/08/2025 15:20
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 3.41 | 0.05 | feet | | 1 | | H2OD | 4/8/25 | REL |
| Field Temperature | 4.2 | 0.1 | Degrees C | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 200 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 5.56 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 2.92 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | 17 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | 28.2 | 17.3 | ug/L | 40 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 101 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 74.8 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/18/25 | 020 |
| Dissolved Calcium | 22100 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 6650 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/18/25 | 020 |
| Dissolved Bicarbonate Ion | 74.8 | 5 | mg/L | 10 | 1 | | | 4/18/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 82400 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-106** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78897 Sample Collection Date/Time: 04/09/2025 14:44
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 10.60 | 0.05 | feet | | 1 | | H2OD | 4/9/25 | REL |
| Field Temperature | -0.7 | 0.1 | Degrees t | | 1 | | TEMP | 4/9/25 | REL |
| Field Conductivity | 28 | 0 | umhos | | 1 | | FCOND25 | 4/9/25 | REL |
| Field pH | 5.82 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/9/25 | REL |
| Turbidity | 136.28 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/9/25 | REL |
| Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/17/25 | 020 |
| Bicarbonate Ion | 10.6 | 5 | mg/L | 10 | 1 | | HCO3 | 4/17/25 | 020 |
| Total Boron | 54.7 | 17.3 | ug/L | 40 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Magnesium | 2130 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Potassium | 2600 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Sodium | 1300 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Alkalinity as CaCO3 | 10.6 | 5 | mg/L | 10 | 1 | | SM 2320 B-1997 | 4/17/25 | 020 |
| Total Dissolved Solids | 70 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 4/16/25 | 020 |
| Total Chloride | Less Than | 0.59 | mg/L | 2 | 1 | U | EPA 300.0 | 4/16/25 | 020 |
| Total Fluoride | Less Than | 0.095 | mg/L | 0.32 | 1 | U | EPA 300.0 | 4/16/25 | 020 |
| Total Sulfate | 1.1 | 0.44 | mg/L | 2 | 1 | J | EPA 300.0 | 4/16/25 | 020 |
| Total Calcium | 3040 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Hardness as CaCO3 ug/L | 16400 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |
| Total Cobalt | 2.5 | 1.4 | ug/L | 5.0 | 1 | J | EPA 200.7 | 4/14/25 | 020 |
| Total Iron | 8040 | 56.7 | ug/L | 100 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Manganese | 209 | 1.5 | ug/L | 5.0 | 1 | | EPA 200.7 | 4/14/25 | 020 |

Sample Comments:

Sample Description: **LS-107** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78898 Sample Collection Date/Time: 04/09/2025 11:40
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|---------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 5.21 | 0.05 | feet | | 1 | | H2OD | 4/9/25 | REL |
| Field Temperature | 0.4 | 0.1 | Degrees t | | 1 | | TEMP | 4/9/25 | REL |
| Field Conductivity | 234 | 0 | umhos | | 1 | | FCOND25 | 4/9/25 | REL |
| Field pH | 5.66 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/9/25 | REL |
| Turbidity | 2.14 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/9/25 | REL |
| Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Bicarbonate Ion | 37.7 | 5 | mg/L | 10 | 1 | | HCO3 | 4/15/25 | 020 |
| Total Boron | 23.8 | 17.3 | ug/L | 40 | 1 | J | EPA 200.7 | 4/14/25 | 020 |
| Total Alkalinity as CaCO3 | 37.7 | 5 | mg/L | 10 | 1 | | SM 2320 B-1997 | 4/15/25 | 020 |
| Total Dissolved Solids | 76 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 4/16/25 | 020 |
| Total Chloride | 16.1 | 0.59 | mg/L | 2 | 1 | | EPA 300.0 | 4/11/25 | 020 |
| Total Fluoride | Less Than | 0.095 | mg/L | 0.32 | 1 | U | EPA 300.0 | 4/11/25 | 020 |
| Total Sulfate | 38.4 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/11/25 | 020 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-107** **Weston Disposal Site #3 - Ash Landfill Sample**
Sample ID: AE78898 Sample Collection Date/Time: 04/09/2025 11:40
Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Total Calcium | 23500 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Potassium | 9440 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Sodium | 17900 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Hardness as CaCO3 ug/L | 81200 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |

Sample Comments:

Sample Description: **QAQC1** **Weston Disposal Site #3 - Ash Landfill Sample**
Sample ID: AE78899 Sample Collection Date/Time: 04/08/2025 00:00
Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Sulfate | 5.5 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 3.8 | 1.5 | ug/L | 5 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 12.9 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/17/25 | 020 |
| Dissolved Calcium | 6580 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 1970 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/17/25 | 020 |
| Dissolved Bicarbonate Ion | 12.9 | 5 | mg/L | 10 | 1 | | | 4/17/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 24500 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Sample Description: **QAQC2** **Weston Disposal Site #3 - Ash Landfill Sample**
Sample ID: AE78900 Sample Collection Date/Time: 04/08/2025 00:00
Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|---------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Sulfate | 17 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/17/25 | 020 |
| Dissolved Boron | 27.7 | 17.3 | ug/L | 40 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 104 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **QAQC2** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78900 Sample Collection Date/Time: 04/08/2025 00:00
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 73.7 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/18/25 | 020 |
| Dissolved Calcium | 22600 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 6900 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/18/25 | 020 |
| Dissolved Bicarbonate Ion | 73.7 | 5 | mg/L | 10 | 1 | | | 4/18/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 84900 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Sample Description: **QAQC3** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78901 Sample Collection Date/Time: 04/08/2025 00:00
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Sulfate | 11.8 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/18/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |
| Bicarbonate Ion | 29.8 | 5 | mg/L | 10 | 1 | | HCO3 | 4/15/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 30.8 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/18/25 | 020 |
| Total Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Alkalinity as CaCO3 | 29.8 | 5 | mg/L | 10 | 1 | | SM 2320 B-1997 | 4/15/25 | 020 |
| Total Dissolved Solids | 32 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 4/16/25 | 020 |
| Total Chloride | 2.2 | 0.59 | mg/L | 2 | 1 | | EPA 300.0 | 4/11/25 | 020 |
| Total Fluoride | Less Than | 0.095 | mg/L | 0.32 | 1 | U | EPA 300.0 | 4/11/25 | 020 |
| Total Sulfate | 10.9 | 0.44 | mg/L | 2 | 1 | | EPA 300.0 | 4/11/25 | 020 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/18/25 | 020 |
| Dissolved Bicarbonate Ion | 30.8 | 5 | mg/L | 10 | 1 | | | 4/18/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 35500 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |
| Total Calcium | 11300 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Magnesium | 1880 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Calcium | 11200 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Magnesium | 1870 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Hardness as CaCO3 ug/L | 35900 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Comments:

Sample Description: **EB1** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78902 Sample Collection Date/Time: 04/08/2025 18:40
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Temperature | 2.3 | 0.1 | Degrees C | | 1 | | TEMP | 4/8/25 | REL |
| Field Conductivity | 3.5 | 0 | umhos | | 1 | | FCOND25 | 4/8/25 | REL |
| Field pH | 7.39 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/8/25 | REL |
| Turbidity | 0.57 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/8/25 | REL |
| Dissolved Sulfate | Less Than | 0.44 | mg/L | 2 | 1 | U | EPA 300.0 | 4/18/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | Less Than | 5 | mg/L | 10 | 1 | U | Std Mtd 2320 B | 4/18/25 | 020 |
| Dissolved Calcium | Less Than | 114 | ug/L | 500 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | Less Than | 182 | ug/L | 1000 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/18/25 | 020 |
| Dissolved Bicarbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | | 4/18/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | Less Than | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

Sample Description: **EB2** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78903 Sample Collection Date/Time: 04/09/2025 16:00
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|----------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Temperature | 2.4 | 0.1 | Degrees C | | 1 | | TEMP | 4/9/25 | REL |
| Field Conductivity | 3.2 | 0 | umhos | | 1 | | FCOND25 | 4/9/25 | REL |
| Field pH | 7.41 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 4/9/25 | REL |
| Turbidity | 0.68 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 4/9/25 | REL |
| Dissolved Sulfate | Less Than | 0.44 | mg/L | 2 | 1 | U | EPA 300.0 | 4/18/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/15/25 | 020 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **EB2** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78903 Sample Collection Date/Time: 04/09/2025 16:00
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Bicarbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | HCO3 | 4/15/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | Less Than | 5 | mg/L | 10 | 1 | U | Std Mtd 2320 B | 4/18/25 | 020 |
| Total Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Manganese | Less Than | 1.5 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Molybdenum | Less Than | 2.4 | ug/L | 10 | 1 | U | EPA 200.7 | 4/14/25 | 020 |
| Total Alkalinity as CaCO3 | Less Than | 5 | mg/L | 10 | 1 | U | SM 2320 B-1997 | 4/15/25 | 020 |
| Total Dissolved Solids | Less Than | 8.7 | mg/L | 20 | 1 | U | Std Mtd 2540 C | 4/16/25 | 020 |
| Total Chloride | Less Than | 0.59 | mg/L | 2 | 1 | U | EPA 300.0 | 4/11/25 | 020 |
| Total Fluoride | Less Than | 0.095 | mg/L | 0.32 | 1 | U | EPA 300.0 | 4/11/25 | 020 |
| Total Sulfate | Less Than | 0.44 | mg/L | 2 | 1 | U | EPA 300.0 | 4/11/25 | 020 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/18/25 | 020 |
| Dissolved Bicarbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | | 4/18/25 | 020 |
| Total Calcium | Less Than | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Magnesium | Less Than | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Calcium | Less Than | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Dissolved Magnesium | Less Than | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 4/14/25 | 020 |
| Total Hardness as CaCO3 ug/L | Less Than | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | Less Than | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/14/25 | 020 |

Sample Comments:

Sample Description: **LS-106 HT** **Weston Disposal Site #3 - Ash Landfill Sample**
 Sample ID: AE78904 Sample Collection Date/Time: 04/09/2025 14:44
 Sample Received: 05/23/2025 Sample Collector: R E LEE

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Sulfate | 0.7 | 0.44 | mg/L | 2 | 1 | J | EPA 300.0 | 4/20/25 | 020 |
| Dissolved Boron | Less Than | 17.3 | ug/L | 40 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Cobalt | Less Than | 1.4 | ug/L | 5 | 1 | U | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Iron | Less Than | 56.7 | ug/L | 100 | 1 | U | 200.7 | 4/14/25 | 20 |
| Dissolved Manganese | 59.4 | 1.5 | ug/L | 5 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Total Filtered Alkalinity as CaCO3 | 10.5 | 5 | mg/L | 10 | 1 | | Std Mtd 2320 B | 4/17/25 | 020 |
| Dissolved Calcium | 2410 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 4/14/25 | 20 |
| Dissolved Magnesium | 778 | 182 | ug/L | 1000 | 1 | J | EPA 200.7 | 4/14/25 | 20 |
| Total Dissolved Solids | Less Than | 8.7 | mg/L | 20 | 1 | U | Std Mtd 2540 C | 4/16/25 | 020 |
| Dissolved Chloride | Less Than | 0.59 | mg/L | 2 | 1 | U | EPA 300.0 | 4/20/25 | 020 |
| Dissolved Fluoride | Less Than | 0.095 | mg/L | 0.32 | 1 | U | EPA 300.0 | 4/20/25 | 020 |
| Dissolved Potassium | 394 | 325 | ug/L | 1000 | 1 | J | EPA 200.7 | 4/11/25 | 020 |
| Dissolved Sodium | 1080 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 4/11/25 | 020 |
| Dissolved Carbonate Ion | Less Than | 5 | mg/L | 10 | 1 | U | CO3 | 4/17/25 | 020 |

Report Date: Friday, June 20, 2025

The following are the analytical results for samples received by Laboratory Services:

| | | | | |
|---------------------|------------|--|------------|-------|
| Sample Description: | LS-106 HT | Weston Disposal Site #3 - Ash Landfill Sample | | |
| Sample ID: | AE78904 | Sample Collection Date/Time: | 04/09/2025 | 14:44 |
| Sample Received: | 05/23/2025 | Sample Collector: | R E LEE | |

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|----------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Bicarbonate Ion | 10.5 | 5 | mg/L | 10 | 1 | | | 4/17/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 9230 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 4/11/25 | 020 |

Sample Comments:

LOD and LOQ are adjusted for dilution factor.

'J' Flag, if present indicates an estimated concentration at or above the LOD and below the LOQ.

If there are any questions concerning this report, please contact Lab Services: 414-221-4595

To: Eric Kovatch
 PSB Annex A231

From: WEC Business Services
 Laboratory Services PSBA-A070
 WDNR Cert # 241329000



Report Date: Thursday, November 6, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-100 Weston Disposal Site #3 - Ash Landfill CCR Well**

Sample ID: AE82248 Sample Collection Date/Time: 10/09/2025 14:52

Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 11.25 | 0.05 | feet | | 1 | | H2OD | 10/9/25 | RE LEE |
| Field Conductivity | 306 | 0 | umhos | | 1 | | FCOND25 | 10/9/25 | RE LEE |
| Field pH | 5.13 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 10/9/25 | RE LEE |
| Field Temperature | 13.6 | 0.1 | Degrees t | | 1 | | TEMP | 10/9/25 | RE LEE |
| Dissolved Oxygen-Field | 3.13 | 0.1 | mg/l | | 1 | | FIELDDO | 10/9/25 | RE LEE |
| Turbidity | 2.16 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 10/9/25 | RE LEE |
| Redox Potential | 244.0 | 1 | mV | | 1 | | ASTM D1498-93 | 10/9/25 | RE LEE |
| Total Sulfate | 58.7 | 0.44 | mg/L | 2.0 | 1 | | EPA 300.0 | 10/30/25 | 020 |
| Total Alkalinity as CaCO3 | 39.1 | 5.0 | mg/L | 10.0 | 1 | | SM 2320 B-1997 | 10/15/25 | 020 |
| Total Chloride in Groundwater | 23.5 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 10/30/25 | 020 |
| Total Fluoride in Groundwater | 0.095 | 0.095 | mg/L | 0.32 | 1 | < | EPA 300.0 | 10/30/25 | 020 |
| Total Dissolved Solids | 220 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 10/15/25 | 020 |
| Total Calcium | 36800 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/29/25 | 020 |
| Total Boron | 24.8 | 17.3 | ug/L | 40.0 | 1 | J | EPA 200.7 | 10/29/25 | 020 |
| Total Hardness as CaCO3 | 119 | 1.00 | mg/L | 5.40 | 1 | | StdMtd 2340B | 10/29/25 | 020 |
| Total Cobalt | 0.0014 | 0.0014 | mg/L | 0.005 | 1 | < | EPA 200.7 | 10/29/25 | 020 |
| Dissolved Boron | 27.3 | 17.3 | ug/L | 40.0 | 1 | J | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Calcium | 36200 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Magnesium | 6440 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Molybdenum | 2.4 | 2.4 | ug/L | 10.0 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Sodium | 9630 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Potassium | 2300 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 117000 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 10/28/25 | 020 |
| Dissolved Sulfate | 57.0 | 0.44 | mg/L | 2.0 | 1 | | EPA 300.0 | 11/3/25 | 020 |
| Dissolved Chloride | 22.7 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 11/3/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 40.2 | 5.0 | mg/L | 10.0 | 1 | | Std Mtd 2320 B | 10/17/25 | 020 |
| Bicarbonate Ion | 40.2 | 5.0 | mg/L | 10.0 | 1 | | HCO3 | 10/17/25 | 020 |
| Carbonate Ion | 5.0 | 5.0 | mg/L | 10.0 | 1 | < | CO3 | 10/17/25 | 020 |

Sample Comments:

Report Date: Thursday, November 6, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-101 Weston Disposal Site #3 - Ash Landfill CCR Well**
 Sample ID: AE82249 Sample Collection Date/Time: 10/09/2025 14:09
 Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 13.44 | 0.05 | feet | | 1 | | H2OD | 10/9/25 | RE LEE |
| Field Conductivity | 49 | 0 | umhos | | 1 | | FCOND25 | 10/9/25 | RE LEE |
| Field pH | 5.47 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 10/9/25 | RE LEE |
| Field Temperature | 12.4 | 0.1 | Degrees t | | 1 | | TEMP | 10/9/25 | RE LEE |
| Dissolved Oxygen-Field | 6.22 | 0.1 | mg/l | | 1 | | FIELDDO | 10/9/25 | RE LEE |
| Turbidity | 4.87 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 10/9/25 | RE LEE |
| Redox Potential | 239.7 | 1 | mV | | 1 | | ASTM D1498-93 | 10/9/25 | RE LEE |
| Total Sulfate | 2.1 | 0.44 | mg/L | 2.0 | 1 | | EPA 300.0 | 10/30/25 | 020 |
| Total Alkalinity as CaCO3 | 24.2 | 5.0 | mg/L | 10.0 | 1 | | SM 2320 B-1997 | 10/15/25 | 020 |
| Total Chloride in Groundwater | 0.59 | 0.59 | mg/L | 2.0 | 1 | < | EPA 300.0 | 10/30/25 | 020 |
| Total Fluoride in Groundwater | 0.095 | 0.095 | mg/L | 0.32 | 1 | < | EPA 300.0 | 10/30/25 | 020 |
| Total Dissolved Solids | 40 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 10/15/25 | 020 |
| Total Calcium | 5050 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/29/25 | 020 |
| Total Boron | 17.3 | 17.3 | ug/L | 40.0 | 1 | < | EPA 200.7 | 10/29/25 | 020 |
| Total Hardness as CaCO3 | 171 | 1.00 | mg/L | 5.40 | 1 | | StdMtd 2340B | 10/29/25 | 020 |
| Total Cobalt | 0.0014 | 0.0014 | mg/L | 0.005 | 1 | < | EPA 200.7 | 10/29/25 | 020 |
| Dissolved Boron | 17.3 | 17.3 | ug/L | 40.0 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Calcium | 5030 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Magnesium | 1070 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Molybdenum | 2.4 | 2.4 | ug/L | 10.0 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Sodium | 2860 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Potassium | 1610 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 17000 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 10/28/25 | 020 |
| Dissolved Sulfate | 2.1 | 0.44 | mg/L | 2.0 | 1 | | EPA 300.0 | 11/3/25 | 020 |
| Dissolved Chloride | 0.59 | 0.59 | mg/L | 2.0 | 1 | < | EPA 300.0 | 11/3/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 24.3 | 5.0 | mg/L | 10.0 | 1 | | Std Mtd 2320 B | 10/17/25 | 020 |
| Bicarbonate Ion | 24.3 | 5.0 | mg/L | 10.0 | 1 | | HCO3 | 10/17/25 | 020 |
| Carbonate Ion | 5.0 | 5.0 | mg/L | 10.0 | 1 | < | CO3 | 10/17/25 | 020 |

Sample Comments:

Sample Description: **LS-105 Weston Disposal Site #3 - Ash Landfill CCR Well**
 Sample ID: AE82250 Sample Collection Date/Time: 10/09/2025 15:34
 Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 6.04 | 0.05 | feet | | 1 | | H2OD | 10/9/25 | RE LEE |
| Field Conductivity | 183 | 0 | umhos | | 1 | | FCOND25 | 10/9/25 | RE LEE |
| Field pH | 5.70 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 10/9/25 | RE LEE |
| Field Temperature | 13.9 | 0.1 | Degrees t | | 1 | | TEMP | 10/9/25 | RE LEE |
| Dissolved Oxygen-Field | 0.22 | 0.1 | mg/l | | 1 | | FIELDDO | 10/9/25 | RE LEE |
| Turbidity | 2.17 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 10/9/25 | RE LEE |

Report Date: Thursday, November 6, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-105 Weston Disposal Site #3 - Ash Landfill CCR Well**
 Sample ID: AE82250 Sample Collection Date/Time: 10/09/2025 15:34
 Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Redox Potential | 69.9 | 1 | mV | | 1 | | ASTM D1498-93 | 10/9/25 | RE LEE |
| Total Sulfate | 6.4 | 0.44 | mg/L | 2.0 | 1 | | EPA 300.0 | 10/30/25 | 020 |
| Total Alkalinity as CaCO3 | 83 | 5.0 | mg/L | 10.0 | 1 | | SM 2320 B-1997 | 10/15/25 | 020 |
| Total Chloride in Groundwater | 1.3 | 0.59 | mg/L | 2.0 | 1 | J | EPA 300.0 | 10/30/25 | 020 |
| Total Fluoride in Groundwater | 0.095 | 0.095 | mg/L | 0.32 | 1 | < | EPA 300.0 | 10/30/25 | 020 |
| Total Dissolved Solids | 114 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 10/15/25 | 020 |
| Total Calcium | 20800 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/29/25 | 020 |
| Total Boron | 53.8 | 17.3 | ug/L | 40.0 | 1 | | EPA 200.7 | 10/29/25 | 020 |
| Total Hardness as CaCO3 | 71.7 | 1.00 | mg/L | 5.40 | 1 | | StdMtd 2340B | 10/29/25 | 020 |
| Total Cobalt | 0.0041 | 0.0014 | mg/L | 0.005 | 1 | J | EPA 200.7 | 10/29/25 | 020 |
| Dissolved Boron | 54 | 17.3 | ug/L | 40.0 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Calcium | 20100 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Magnesium | 4650 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Molybdenum | 2.4 | 2.4 | ug/L | 10.0 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Sodium | 3610 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Potassium | 1520 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 69300 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 10/28/25 | 020 |
| Dissolved Sulfate | 6.4 | 0.44 | mg/L | 2.0 | 1 | | EPA 300.0 | 11/3/25 | 020 |
| Dissolved Chloride | 1.4 | 0.59 | mg/L | 2.0 | 1 | J | EPA 300.0 | 11/3/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 80.1 | 5.0 | mg/L | 10.0 | 1 | | Std Mtd 2320 B | 10/17/25 | 020 |
| Bicarbonate Ion | 80.1 | 5.0 | mg/L | 10.0 | 1 | | HCO3 | 10/17/25 | 020 |
| Carbonate Ion | 5.0 | 5.0 | mg/L | 10.0 | 1 | < | CO3 | 10/17/25 | 020 |

Sample Comments:

Sample Description: **LS-106 Weston Disposal Site #3 - Ash Landfill CCR Well**
 Sample ID: AE82251 Sample Collection Date/Time: 10/09/2025 18:53
 Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|-------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 11.85 | 0.05 | feet | | 1 | | H2OD | 10/9/25 | RE LEE |
| Field Conductivity | 225 | 0 | umhos | | 1 | | FCOND25 | 10/9/25 | RE LEE |
| Field pH | 5.86 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 10/9/25 | RE LEE |
| Field Temperature | 14.8 | 0.1 | Degrees C | | 1 | | TEMP | 10/9/25 | RE LEE |
| Dissolved Oxygen-Field | 0.20 | 0.1 | mg/l | | 1 | | FIELDDO | 10/9/25 | RE LEE |
| Turbidity | 26.97 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 10/9/25 | RE LEE |
| Redox Potential | 44.9 | 1 | mV | | 1 | | ASTM D1498-93 | 10/9/25 | RE LEE |
| Total Sulfate | 1.6 | 0.44 | mg/L | 2.0 | 1 | J | EPA 300.0 | 10/30/25 | 020 |
| Total Alkalinity as CaCO3 | 112 | 5.0 | mg/L | 10.0 | 1 | | SM 2320 B-1997 | 10/15/25 | 020 |
| Total Chloride in Groundwater | 2.3 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 10/30/25 | 020 |
| Total Fluoride in Groundwater | 0.095 | 0.095 | mg/L | 0.32 | 1 | < | EPA 300.0 | 10/30/25 | 020 |
| Total Dissolved Solids | 166 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 10/15/25 | 020 |

Report Date: Thursday, November 6, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-106 Weston Disposal Site #3 - Ash Landfill CCR Well**
 Sample ID: AE82251 Sample Collection Date/Time: 10/09/2025 18:53
 Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Total Calcium | 26600 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/29/25 | 020 |
| Total Boron | 17.3 | 17.3 | ug/L | 40.0 | 1 | < | EPA 200.7 | 10/29/25 | 020 |
| Total Hardness as CaCO3 | 110 | 1.00 | mg/L | 5.40 | 1 | | StdMtd 2340B | 10/29/25 | 020 |
| Total Cobalt | 0.0062 | 0.0014 | mg/L | 0.005 | 1 | | EPA 200.7 | 10/29/25 | 020 |
| Dissolved Calcium | 26100 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Magnesium | 10300 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Sodium | 4620 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Potassium | 1750 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Sulfate | 1.5 | 0.44 | mg/L | 2.0 | 1 | J | EPA 300.0 | 11/3/25 | 020 |
| Dissolved Chloride | 2.1 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 11/3/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 113 | 5.0 | mg/L | 10.0 | 1 | | Std Mtd 2320 B | 10/17/25 | 020 |
| Bicarbonate Ion | 113 | 5.0 | mg/L | 10.0 | 1 | | HCO3 | 10/17/25 | 020 |
| Carbonate Ion | 5.0 | 5.0 | mg/L | 10.0 | 1 | < | CO3 | 10/17/25 | 020 |

Sample Comments:

Sample Description: **LS-107 Weston Disposal Site #3 - Ash Landfill CCR Well**
 Sample ID: AE82252 Sample Collection Date/Time: 10/09/2025 13:24
 Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|-------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Water Level | 6.33 | 0.05 | feet | | 1 | | H2OD | 10/9/25 | RE LEE |
| Field Conductivity | 245 | 0 | umhos | | 1 | | FCOND25 | 10/9/25 | RE LEE |
| Field pH | 5.42 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 10/9/25 | RE LEE |
| Field Temperature | 13.1 | 0.1 | Degrees t | | 1 | | TEMP | 10/9/25 | RE LEE |
| Dissolved Oxygen-Field | 0.53 | 0.1 | mg/l | | 1 | | FIELDDO | 10/9/25 | RE LEE |
| Turbidity | 1.94 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 10/9/25 | RE LEE |
| Redox Potential | 180.6 | 1 | mV | | 1 | | ASTM D1498-93 | 10/9/25 | RE LEE |
| Total Sulfate | 47.6 | 0.89 | mg/L | 4.0 | 2 | | EPA 300.0 | 10/30/25 | 020 |
| Total Alkalinity as CaCO3 | 42.2 | 5.0 | mg/L | 10.0 | 1 | | SM 2320 B-1997 | 10/15/25 | 020 |
| Total Chloride in Groundwater | 16.2 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 10/30/25 | 020 |
| Total Fluoride in Groundwater | 0.19 | 0.19 | mg/L | 0.63 | 2 | <D3 | EPA 300.0 | 10/30/25 | 020 |
| Total Dissolved Solids | 158 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 10/15/25 | 020 |
| Total Calcium | 28000 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/29/25 | 020 |
| Total Boron | 39.8 | 17.3 | ug/L | 40.0 | 1 | J | EPA 200.7 | 10/29/25 | 020 |
| Total Hardness as CaCO3 | 95.6 | 1.00 | mg/L | 5.40 | 1 | | StdMtd 2340B | 10/29/25 | 020 |
| Total Cobalt | 0.0014 | 0.0014 | mg/L | 0.005 | 1 | < | EPA 200.7 | 10/29/25 | 020 |
| Dissolved Calcium | 27200 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Magnesium | 6050 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Sodium | 9330 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Potassium | 1870 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Sulfate | 46.9 | 0.44 | mg/L | 2.0 | 1 | | EPA 300.0 | 11/3/25 | 020 |

Report Date: Thursday, November 6, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **LS-107 Weston Disposal Site #3 - Ash Landfill CCR Well**
Sample ID: AE82252 Sample Collection Date/Time: 10/09/2025 13:24
Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Dissolved Chloride | 16.1 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 11/3/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 42.6 | 5.0 | mg/L | 10.0 | 1 | | Std Mtd 2320 B | 10/17/25 | 020 |
| Bicarbonate Ion | 42.6 | 5.0 | mg/L | 10.0 | 1 | | HCO3 | 10/17/25 | 020 |
| Carbonate Ion | 5.0 | 5.0 | mg/L | 10.0 | 1 | < | CO3 | 10/17/25 | 020 |

Sample Comments:

Sample Description: **QA/QC3 Weston Disposal Site #3 - Ash Landfill CCR Well**
Sample ID: AE82253 Sample Collection Date/Time: 10/09/2025 12:00
Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Total Sulfate | 59.8 | 0.44 | mg/L | 2.0 | 1 | | EPA 300.0 | 10/31/25 | 020 |
| Total Alkalinity as CaCO3 | 39.6 | 5.0 | mg/L | 10.0 | 1 | | SM 2320 B-1997 | 10/15/25 | 020 |
| Total Chloride in Groundwater | 22.6 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 10/30/25 | 020 |
| Total Fluoride in Groundwater | 0.095 | 0.095 | mg/L | 0.32 | 1 | < | EPA 300.0 | 10/31/25 | 020 |
| Total Dissolved Solids | 214 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 10/15/25 | 020 |
| Total Calcium | 36900 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/29/25 | 020 |
| Total Boron | 27.4 | 17.3 | ug/L | 40.0 | 1 | J | EPA 200.7 | 10/29/25 | 020 |
| Total Hardness as CaCO3 | 119 | 1.00 | mg/L | 5.40 | 1 | | StdMtd 2340B | 10/29/25 | 020 |
| Total Cobalt | 0.0014 | 0.0014 | mg/L | 0.005 | 1 | < | EPA 200.7 | 10/29/25 | 020 |
| Dissolved Boron | 31.5 | 17.3 | ug/L | 40.0 | 1 | J | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Calcium | 38100 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Magnesium | 6650 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Molybdenum | 2.4 | 2.4 | ug/L | 10.0 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Sodium | 10100 | 350 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Potassium | 2340 | 325 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 123000 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 10/28/25 | 020 |
| Dissolved Sulfate | 57.2 | 0.44 | mg/L | 2.0 | 1 | | EPA 300.0 | 11/3/25 | 020 |
| Dissolved Chloride | 22.9 | 0.59 | mg/L | 2.0 | 1 | | EPA 300.0 | 11/3/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 40.4 | 5.0 | mg/L | 10.0 | 1 | | Std Mtd 2320 B | 10/17/25 | 020 |
| Bicarbonate Ion | 40.4 | 5.0 | mg/L | 10.0 | 1 | | HCO3 | 10/17/25 | 020 |
| Carbonate Ion | 5.0 | 5.0 | mg/L | 10.0 | 1 | < | CO3 | 10/17/25 | 020 |

Sample Comments:

Report Date: Thursday, November 6, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Description: **EB2 Weston Disposal Site #3 - Ash Landfill CCR Well**
 Sample ID: AE82254 Sample Collection Date/Time: 10/09/2025 18:15
 Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Field Conductivity | 1.7 | 0 | umhos | | 1 | | FCOND25 | 10/9/25 | RE LEE |
| Field pH | 6.54 | 0.1 | Units | 0.1 | 1 | | FIELDPH | 10/9/25 | RE LEE |
| Field Temperature | 17.0 | 0.1 | Degrees C | | 1 | | TEMP | 10/9/25 | RE LEE |
| Turbidity | 0.33 | 0.1 | NTU'S | | 1 | | EPA 180.1 | 10/9/25 | RE LEE |
| Total Sulfate | 0.44 | 0.44 | mg/L | 2.0 | 1 | < | EPA 300.0 | 10/30/25 | 020 |
| Total Alkalinity as CaCO3 | 5.0 | 5.0 | mg/L | 10.0 | 1 | < | SM 2320 B-1997 | 10/15/25 | 020 |
| Total Chloride in Groundwater | 0.59 | 0.59 | mg/L | 2.0 | 1 | < | EPA 300.0 | 10/30/25 | 020 |
| Total Fluoride in Groundwater | 0.095 | 0.095 | mg/L | 0.32 | 1 | < | EPA 300.0 | 10/30/25 | 020 |
| Total Dissolved Solids | 8.7 | 8.7 | mg/L | 20 | 1 | < | Std Mtd 2540 C | 10/15/25 | 020 |
| Total Calcium | 114 | 114 | ug/L | 500 | 1 | < | EPA 200.7 | 10/29/25 | 020 |
| Total Boron | 17.3 | 17.3 | ug/L | 40.0 | 1 | < | EPA 200.7 | 10/29/25 | 020 |
| Total Hardness as CaCO3 | 1.00 | 1.00 | mg/L | 5.40 | 1 | < | StdMtd 2340B | 10/29/25 | 020 |
| Total Cobalt | 0.0014 | 0.0014 | mg/L | 0.005 | 1 | < | EPA 200.7 | 10/29/25 | 020 |
| Dissolved Boron | 17.3 | 17.3 | ug/L | 40.0 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Calcium | 114 | 114 | ug/L | 500 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Magnesium | 182 | 182 | ug/L | 1000 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Molybdenum | 2.4 | 2.4 | ug/L | 10.0 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Sodium | 350 | 350 | ug/L | 500 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Potassium | 325 | 325 | ug/L | 1000 | 1 | < | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 1000 | 1000 | ug/L | 5400 | 1 | < | Std Mtd 2340B | 10/28/25 | 020 |
| Dissolved Sulfate | 0.44 | 0.44 | mg/L | 2.0 | 1 | < | EPA 300.0 | 11/3/25 | 020 |
| Dissolved Chloride | 0.59 | 0.0031 | mg/L | 0.010 | 1 | < | EPA 300.0 | 11/3/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 5.0 | 5.0 | mg/L | 10.0 | 1 | J | Std Mtd 2320 B | 10/17/25 | 020 |
| Bicarbonate Ion | 5.0 | 5.0 | mg/L | 10.0 | 1 | J | HCO3 | 10/17/25 | 020 |
| Carbonate Ion | 5.0 | 5.0 | mg/L | 10.0 | 1 | < | CO3 | 10/17/25 | 020 |

Sample Comments:

Sample Description: **LS-106 High Turbidity WDS3 #3 - Ash Landfill CCR Well**
 Sample ID: AE82255 Sample Collection Date/Time: 10/09/2025 16:53
 Sample Received: 10/14/2025 Sample Collector: J OETTINGER

| <u>Parameter</u> | <u>Result</u> | <u>LOD</u> | <u>Units</u> | <u>LOQ</u> | <u>DIL</u> | <u>Result Flag</u> | <u>Analysis Method</u> | <u>Analysis Date</u> | <u>Analyst</u> |
|------------------------------------|---------------|------------|--------------|------------|------------|--------------------|------------------------|----------------------|----------------|
| Total Dissolved Solids | 166 | 8.7 | mg/L | 20 | 1 | | Std Mtd 2540 C | 10/15/25 | 020 |
| Total Filtered Alkalinity as CaCO3 | 113 | 5.0 | mg/L | 10.0 | 1 | | Std Mtd 2320 B | 10/17/25 | 020 |
| Dissolved Boron | 18.3 | 17.3 | ug/L | 40.0 | 1 | J | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Calcium | 26200 | 114 | ug/L | 500 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Magnesium | 10400 | 182 | ug/L | 1000 | 1 | | EPA 200.7 | 10/28/25 | 020 |
| Dissolved Hardness as CaCO3 ug/L | 108000 | 1000 | ug/L | 5400 | 1 | | Std Mtd 2340B | 10/28/25 | 020 |
| Dissolved Sulfate | 1.6 | 0.44 | mg/L | 2.0 | 1 | JMO | EPA 300.0 | 11/3/25 | 020 |
| Dissolved Chloride | 2.1 | 0.59 | mg/L | 2.0 | 1 | MO | EPA 300.0 | 11/3/25 | 020 |
| Dissolved Fluoride | 0.095 | 0.095 | mg/L | 0.32 | 1 | <MO | EPA 300.0 | 11/3/25 | 020 |

Report Date: Thursday, November 6, 2025

The following are the analytical results for samples received by Laboratory Services:

Sample Comments:

LOD and LOQ are adjusted for dilution factor.

'J' Flag, if present indicates an estimated concentration at or above the LOD and below the LOQ.

If there are any questions concerning this report, please contact Lab Services: 414-221-4595