

Prepared for  
**Wisconsin Public Service Corporation**

Date  
**January 31, 2026**

Project No.  
**1940114239**

# **2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT**

## **WESTON DISPOSAL SITE NO. 3 LANDFILL**

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

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Project no. **1940114239**  
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## ACRONYMS AND ABBREVIATIONS

§	Section
40 C.F.R.	Title 40 of the Code of Federal Regulations
ASD	Alternate Source Demonstration
Ca	calcium
CCR	Coal Combustion Residuals
Cl	chloride
GMP	Groundwater Monitoring Plan
GWPS	groundwater protection standard
mg/L	milligrams per liter
NA	not applicable
No.	number
NRT/OBG	Natural Resource Technology, an OBG Company
Ramboll	Ramboll Americas Engineering Solutions, Inc.
SAP	Sampling and Analysis Plan
SO <sub>4</sub>	sulfate
SSI	statistically significant increase
TBD	to be determined
TDS	total dissolved solids
WDS3	Weston Disposal Site No. 3 Landfill

## EXECUTIVE SUMMARY

This report has been prepared to provide the information required by Title 40 of the Code of Federal Regulations (40 C.F.R.) Section (§) 257.90(e) for the Weston Disposal Site Number (No.) 3 (WDS3) Landfill located in the Town of Knowlton, Wisconsin.

Groundwater is being monitored at the WDS3 Landfill in accordance with the Detection Monitoring Program requirements specified in 40 C.F.R. § 257.94.

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

In 2025, groundwater analytical data was evaluated for statistically significant increases (SSIs) over background concentrations for 40 C.F.R. § 257.94 Appendix III constituents in groundwater monitoring wells at the WDS3 Landfill. The following constituents and wells had SSIs reported in 2025:

- Boron (B) – LS-105 and LS-106
- Calcium (Ca) – LS-100, LS-105, LS-106, and LS-107
- Chloride (Cl) – LS-107
- Sulfate (SO<sub>4</sub>) – LS-100 and LS-107
- Total Dissolved Solids (TDS) – LS-107

Alternate Source Demonstrations (ASDs) prepared in prior years for these parameters and monitoring locations provide lines of evidence that the SSIs observed during the Detection Monitoring Program were not due to a release from the WDS3 Landfill, but were either from naturally occurring conditions (*e.g.*, natural variation in groundwater quality), a result of statistical procedures used to evaluate the results, or potential anthropogenic impacts in the area surrounding the WDS3 Landfill.

The WDS3 Landfill remains in the Detection Monitoring Program in accordance with 40 C.F.R. § 257.94.

## 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 40 C.F.R. § 257.90(e) for the WDS3 Landfill located in the Town of Knowlton, Wisconsin.

In accordance with 40 C.F.R. § 257.90(e), the owner or operator of a coal combustion residuals (CCR) unit 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 unit (**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 unit and all background (or upgradient) and downgradient monitoring wells, to include the well identification numbers, that are part of the groundwater monitoring program for the CCR unit (**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 §§ 257.90 through 257.98 (**Tables 1 and 2**), a summary including the number of groundwater samples that were collected for analysis for each background and downgradient well, the dates the samples were collected, and whether the sample was required by the Detection Monitoring or Assessment Monitoring Programs (**Section 3 and Table A**).
4. A narrative discussion of any transition between monitoring programs (*e.g.*, the date and circumstances for transitioning from Detection Monitoring to Assessment Monitoring (**Section 2**) in addition to identifying the constituent(s) detected at an SSI relative to background levels) (**Table A**).
5. Other information required to be included in the annual report as specified in §§ 257.90 through 257.98.
6. A section at the beginning of the annual report that provides an overview of the current status of groundwater monitoring and corrective action programs for the CCR unit (**Executive Summary**). At a minimum, the summary must specify all of the following:
  - i. At the start of the current annual reporting period, whether the CCR unit was operating under the Detection Monitoring Program in § 257.94 or the Assessment Monitoring Program in § 257.95.
  - ii. At the end of the current annual reporting period, whether the CCR unit was operating under the Detection Monitoring Program in § 257.94 or the Assessment Monitoring Program in § 257.95.
  - iii. If it was determined that there was an SSI over background for one or more constituents listed in Appendix III of § 257 pursuant to § 257.94(e):
    - A. Identify those constituents listed in Appendix III of § 257 and the names of the monitoring wells associated with such an increase.

- B. Provide the date when the Assessment Monitoring Program was initiated for the CCR unit.
- iv. If it was determined that there was a statistically significant level above the groundwater protection standard [GWPS] for one or more constituents listed in Appendix IV of § 257 pursuant to § 257.95(g) include all of the following:
  - A. Identify those constituents listed in Appendix IV of § 257 and the names of the monitoring wells associated with such an increase.
  - B. Provide the date when the assessment of corrective measures was initiated for the CCR unit.
  - C. Provide the date when the public meeting was held for the assessment of corrective measures for the CCR unit.
  - D. Provide the date when the assessment of corrective measures was completed for the CCR unit.
- v. Whether a remedy was selected pursuant to § 257.97 during the current annual reporting period, and if so, the date of remedy selection.
- vi. Whether remedial activities were initiated or are ongoing pursuant to § 257.98 during the current annual reporting period.

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

## **2. MONITORING AND CORRECTIVE ACTION PROGRAM STATUS**

No changes have occurred to the monitoring program status in calendar year 2025 and the WDS3 Landfill remains in the Detection Monitoring Program in accordance with 40 C.F.R. § 257.94.

### 3. KEY ACTIONS COMPLETED IN 2025

The Detection Monitoring Program is summarized in **Table A** on the following page. 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, Weston Disposal Site No. 3 Landfill* (Natural Resource Technology, an OBG Company [NRT/OBG], 2017). Potentiometric surface maps for the fourth quarter of 2024 and both monitoring events in 2025 are included in **Figures 2 through 4**. 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 40 C.F.R. §§ 257.90 through 257.98 (as applicable) in the fourth quarter of 2024 and both monitoring events in 2025 are presented in **Table 2**. Laboratory reports for both 2025 monitoring events are included in **Appendix A**. Results for analysis of additional samples required by Ch. NR 507 Wisconsin Administrative Code are included in some reports because they were collected during the same sampling events, but are not summarized in this report.

Analytical data were evaluated in accordance with the *Statistical Analysis Plan, Weston Disposal Site No. 3 Landfill* (NRT/OBG, 2017) to determine any SSIs for Appendix III parameters relative to background concentrations. Statistical background values are provided in **Table 3**. A flow chart showing the statistical methodology for determining background values is included as **Appendix B**.

Statistical evaluation of analytical data, including SSI determinations, from the Detection Monitoring Program for the October 16, 2024 (Detection Monitoring Round 15) and April 9, 2025 (Detection Monitoring Round 16) sampling events were completed in 2025 and within 90 days of receipt of the analytical data. The SSIs determined in 2025 were also determined in previous sampling events. Potential alternate sources and natural variation were evaluated following those previous sampling events as outlined in the 40 C.F.R. § 257.94(e)(2). ASDs were completed and certified by a qualified professional engineer. The dates ASDs were completed are provided in the notes of **Table A**.

**Table A. 2024-2025 Detection Monitoring Program Summary**

Detection Round	Sampling Date	Analytical Data Receipt Date	Parameters Collected	SSI Wells (Parameters)	SSI(s) Determination Date	ASD Completion Date <sup>1</sup>
15	October 16, 2024	January 8, 2025	Appendix III	LS-100 (Ca, SO <sub>4</sub> ) LS-105 (B, Ca) LS-106 (Ca) LS-107 (Ca, Cl, SO <sub>4</sub> , TDS)	April 8, 2025	NA
16	April 9, 2025	June 20, 2025	Appendix III	LS-105 (Ca) LS-106 (B) LS-107 (Ca, Cl, SO <sub>4</sub> )	September 18, 2025	NA
17	October 9, 2025	November 6, 2025	Appendix III	TBD	TBD Before February 4, 2026	TBD

**Notes:**

NA: Not applicable

TBD: To Be Determined

<sup>1</sup> The April 15, 2018, July 7, 2021, and June 5, 2023 ASDs for WDS3 provided a description, data, and pertinent information supporting an alternate source for the wells and parameters with an SSI identified during the October 16, 2024 and April 9, 2025 sampling events.

## **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:

- Continuation of the Detection Monitoring Program with semi-annual sampling scheduled for the second and fourth quarters of 2026.
- Complete evaluation of analytical data from the downgradient wells using background data to determine whether an SSI of Appendix III parameters detected at concentrations greater than background concentrations has occurred.
- If an SSI is identified, potential alternate sources (*i.e.*, a source other than the CCR unit caused the SSI or that the SSI resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality) will be evaluated.
  - If an alternate source is identified to be the cause of the SSI, a written demonstration will be completed within 90 days of SSI determination and included in the 2026 Annual Groundwater Monitoring and Corrective Action Report.
  - If an alternate source(s) is not identified to be the cause of the SSI, the applicable requirements of 40 C.F.R. §§ 257.94 through 257.98 as may apply in 2026 (*e.g.*, Assessment Monitoring) will be met, including associated recordkeeping/notifications required by 40 C.F.R. §§ 257.105 through 257.108.

## 6. REFERENCES

Natural Resource Technology, an OBG Company (NRT/OBG), 2017. *Sampling and Analysis Plan, Weston Disposal Site No. 3 Landfill, Town of Knowlton, Wisconsin, October 3, 2017.*

Natural Resource Technology, an OBG Company (NRT/OBG), 2017. *Statistical Analysis Plan, Weston Disposal Site No. 3 Landfill, Town of Knowlton, Wisconsin, October 17, 2017.*

## 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	10/15/2024	1192.27
				4/8/2025	1197.61
				10/8/2025	1191.97
LS-100	Compliance (Downgradient)	44.72484	-89.63437	10/15/2024	1187.86
				4/8/2025	1192.57
				10/8/2025	1187.79
LS-105	Compliance (Downgradient)	44.72295	-89.63439	10/15/2024	1184.47
				4/8/2025	1186.89
				10/8/2025	1184.24
LS-106	Compliance (Downgradient)	44.72219	-89.63533	10/15/2024	1181.56
				4/8/2025	1182.64
				10/8/2025	1181.39
LS-107	Compliance (Downgradient)	44.72630	-89.63852	10/15/2024	1188.16
				4/8/2025	1189.19
				10/8/2025	1188.07
LS-52	Water Level Only	NA	NA	10/15/2024	1189.55
				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 - Appendix III Parameters**

Date Range: 10/01/2024 to 12/31/2025

Lab Methods:

Well Id	Date Sampled	Lab Id	B, tot, mg/L	Ca, tot, mg/L	Cl, tot, mg/L	Fluoride, total, mg/L	pH (field), SU	SO4, tot, mg/L
LS-100	10/16/2024	40286084018	<0.0173	17.4	2.20	<0.095	5.5	15.4
	4/9/2025	40293455006	<0.0173	11.1	2.20	<0.095	5.7	11.0
	10/9/2025	AE82248	0.0248	36.8	23.50	<0.095	5.1	58.7
LS-101	10/16/2024	40286084019	<0.0173	4.6	<0.59	<0.095	5.8	2.1
	4/9/2025	40293455008	<0.0173	2.8	0.74	<0.095	5.6	1.3
	10/9/2025	AE82249	<0.0173	5.1	<0.59	<0.095	5.5	2.1
LS-105	10/16/2024	40286084020	0.0514	20.5	0.85	<0.095	6.0	9.0
	4/9/2025	40293455015	0.0246	20.3	2.40	<0.095	5.9	11.1
	10/9/2025	AE82250	0.0538	20.8	1.30	<0.095	5.7	6.4
LS-106	10/16/2024	40286084021	0.0293	14.5	1.30	<0.095	6.0	1.8
	4/9/2025	40293455017 40293455024	0.0547	3.0	<0.59	<0.095 <0.095	5.8	1.1
	10/9/2025	AE82251	<0.0173	26.6	2.30	<0.095	5.9	1.6
LS-107	10/16/2024	40286084022	0.0332	29.9	23.80	<0.095	5.6	51.4
	4/9/2025	40293455018	0.0238	23.5	16.10	<0.095	5.7	38.4
	10/9/2025	AE82252	0.0398	28.0	16.20	<0.190	5.4	47.6

**Weston Disposal Site #3**  
**Table 2. Analytical Results - Appendix III Parameters**

Date Range: 10/01/2024 to 12/31/2025

Lab Methods:

Well Id	Date Sampled	Lab Id	TDS, mg/L
LS-100	10/16/2024	40286084018	86
	4/9/2025	40293455006	56
	10/9/2025	AE82248	220
LS-101	10/16/2024	40286084019	34
	4/9/2025	40293455008	12
	10/9/2025	AE82249	40
LS-105	10/16/2024	40286084020	98
	4/9/2025	40293455015	76
	10/9/2025	AE82250	114
LS-106	10/16/2024	40286084021	80
		40286084025	68
	4/9/2025	40293455017	70
		40293455024	<9
	10/9/2025	AE82251	166
LS-107	10/16/2024	40286084022	184
	4/9/2025	40293455018	76
	10/9/2025	AE82252	158

**Notes:**

Exceedance of Background

**TABLE 3**

**STATISTICAL BACKGROUND VALUES**

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

WESTON DISPOSAL SITE NO. 3 LANDFILL

TOWN OF KNOWLTON, WISCONSIN

<b>Parameter</b>	<b>Statistical Background Value (LPL/UPL)</b>
40 C.F.R. Part 257 Appendix III	
Boron (mg/L)	0.0430
Calcium (mg/L)	12.9
Chloride (mg/L)	4.26
Fluoride (mg/L)	DQR
pH (field) (SU)	4.9/8.8
Sulfate (mg/L)	13.3
Total Dissolved Solids (mg/L)	100

**Notes:**

40 C.F.R. = Title 40 of the Code of Federal Regulations

LPL = Lower Prediction Limit (applicable for pH only)

mg/L = milligrams per liter

DQR = Double quantification rule, background data set is non-detect. If parameter is detected in both the sample event and a resample it is considered an exceedance.

SU = Standard Units

UPL = Upper Prediction Limit

## 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 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. V<sub>gw</sub> = ESTIMATED FT/YR GROUNDWATER FLOW VELOCITY
  3. IMAGERY DATE = 10/10/2022



**POTENTIOMETRIC SURFACE MAP  
OCTOBER 15, 2024**

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

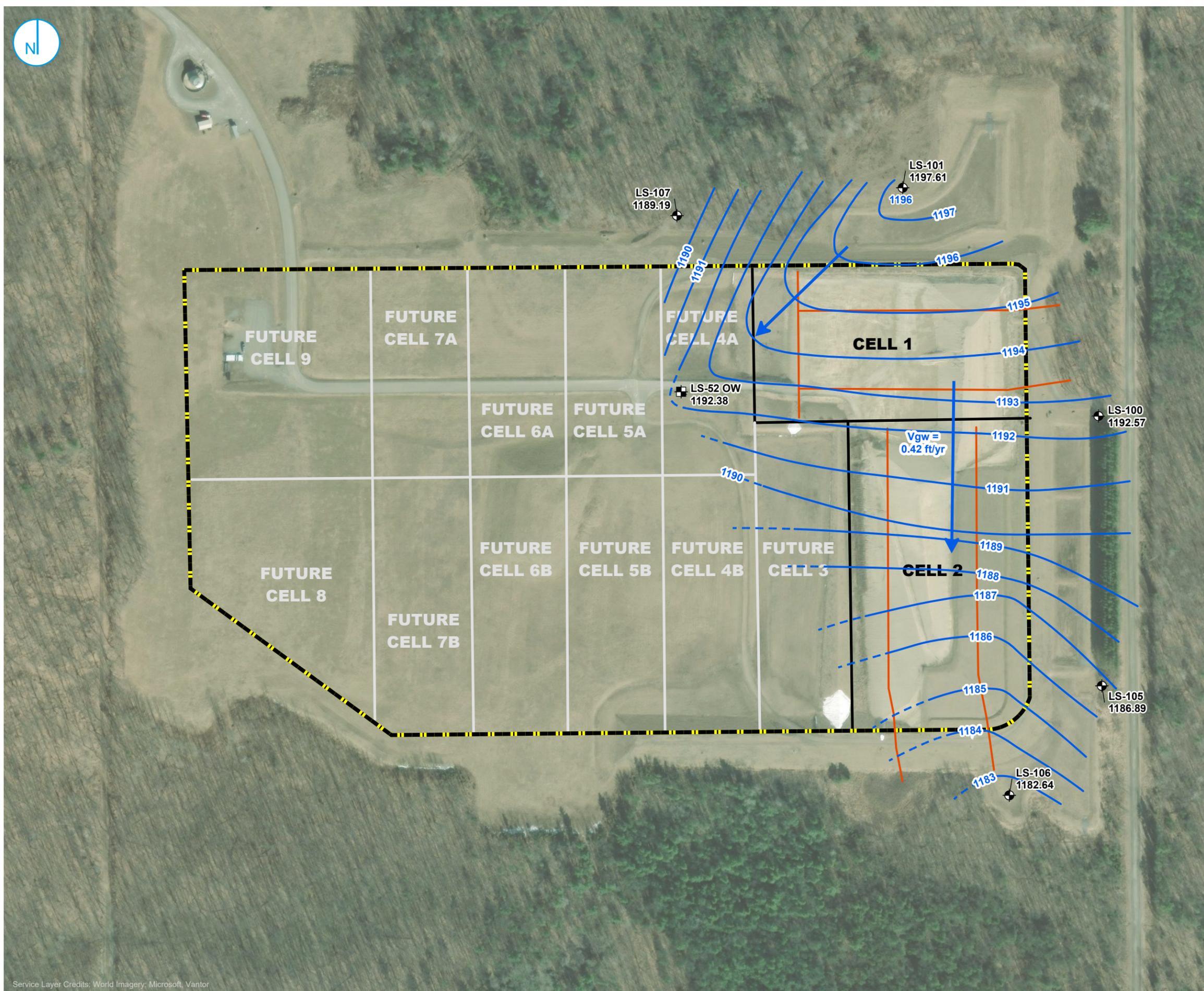
**FIGURE 2**



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

<b>OCTOBER 2024</b>		$V = K i / n_e$	V = Groundwater Velocity K = Hydraulic Conductivity i = Hydraulic Gradient (unitless value) $n_e$ = Effective Porosity		
<b>UPPERMOST AQUIFER</b>					
<b>Contours</b>	<b>1185 to 1184</b>	<b>South Side of Cell 2</b>		Elevation Change (ft)	Distance Change (ft)
K =	1.28E+01 ft/yr	Geometric mean for Landfill			
i =	0.007	between contours identified above			
$n_e$ =	25 %			1 /	153
V =	$\frac{1.28E+01 * 6.54E-03}{0.25}$				0.007
V =	0.33 feet/year				

[O:KJS 11/26/24, C: NRK 1/28/25]



- 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<sub>gw</sub> = ESTIMATED FT/YR GROUNDWATER FLOW VELOCITY
  3. IMAGERY DATE = 3/02/2024



**POTENTIOMETRIC SURFACE MAP  
APRIL 8, 2025**

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

**FIGURE 3**

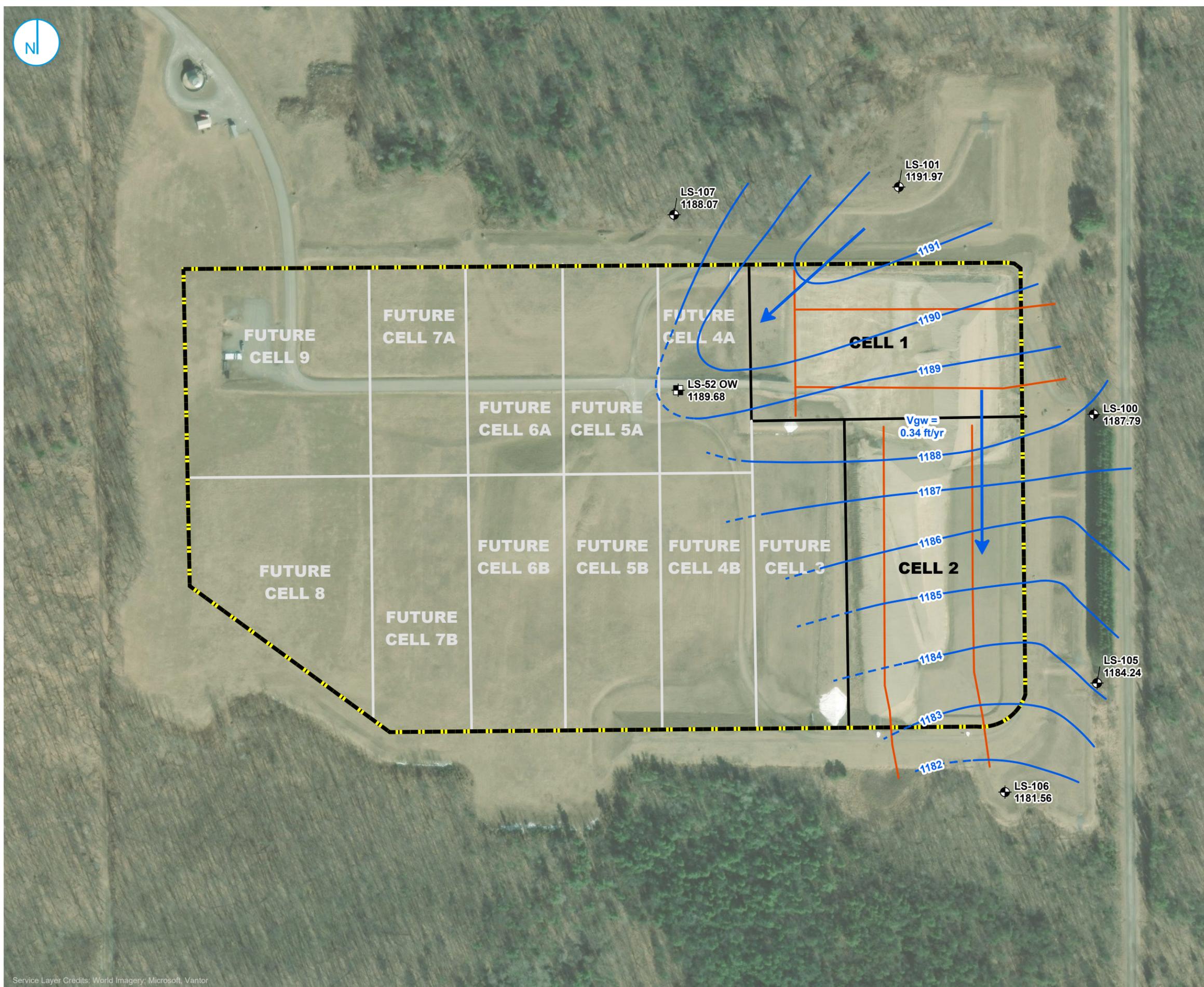
RAMBOLL AMERICAS  
ENGINEERING SOLUTIONS, INC.



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

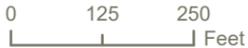
<b>APRIL 2025</b>	<b><math>V = K i / n_e</math></b>		V = Groundwater Velocity K = Hydraulic Conductivity i = Hydraulic Gradient (unitless value) $n_e$ = Effective Porosity
<b>UPPERMOST AQUIFER</b>			
<b>Contours</b>	<b>1196 to 1194</b>	<b>South Side of Cell 1 / North Side of Cell 2</b>	Elevation Change (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 ANNUAL GROUNDWATER MONITORING  
AND CORRECTIVE ACTION REPORT  
WESTON DISPOSAL SITE NO. 3 LANDFILL  
TOWN OF KNOWLTON, WISCONSIN**

**FIGURE 4**



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

<b>OCTOBER 2025</b>		$V = K i / n_e$	V = Groundwater Velocity K = Hydraulic Conductivity i = Hydraulic Gradient (unitless value) $n_e$ = Effective Porosity
<b>UPPERMOST AQUIFER</b>			
<b>Contours</b>	<b>1191 to 1189</b>	<b>South Side of Cell 1 / North Side of Cell 2</b>	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: Wednesday, January 8, 2025

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

Sample Description: <b>LS-10 Weston Disposal Site #3 - Ash Landfill Sample</b>									
Sample ID:	AE75995	Sample Collection Date/Time:	10/16/2024	12:50					
Sample Received:	12/17/2024	Sample Collector:	RE 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	14.93	0.05	feet		1		H2OD	10/16/24	REL
Field Temperature	8.6	0.1	Degrees t		1		TEMP	10/16/24	REL
Field Conductivity	303	0	umhos		1		FCOND25	10/16/24	REL
Field pH	7.3	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	9.9	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Total Filtered Alkalinity as CaCO3	157	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	4.4	0.44	mg/L	2.0	1	H1	EPA 300.0	11/14/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	168	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Sample Comments:

Qualifier H1 - analysis conducted outside of the method hold time.

Sample Description: <b>LS-48P Weston Disposal Site #3 - Ash Landfill Sample</b>									
Sample ID:	AE75996	Sample Collection Date/Time:	10/15/2024	16:30					
Sample Received:	12/17/2024	Sample Collector:	RE 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	1.75	0.05	feet		1		H2OD	10/15/24	REL
Field Temperature	6.0	0.1	Degrees t		1		TEMP	10/15/24	REL
Field Conductivity	214	0	umhos		1		FCOND25	10/15/24	REL
Field pH	7.1	0.1	Units	0.1	1		FIELDPH	10/15/24	REL
Turbidity	52.9	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	97.0	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	16.6	0.44	mg/L	2.0	1	H1	EPA 300.0	11/13/24	020
Dissolved Boron	75.8	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Dissolved Molybdenum	19.0	2.4	ug/L	10.0	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	50.3	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Report Date: Wednesday, January 8, 2025

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

Sample Comments:

Qualifier H1 - analysis conducted outside of the method hold time.

Sample Description: **LS-48R Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE75997 Sample Collection Date/Time: 10/15/2024 16:40  
Sample Received: 12/17/2024 Sample Collector: RE 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	2.19	0.05	feet		1		H2OD	10/15/24	REL
Field Temperature	8.5	0.1	Degrees t		1		TEMP	10/15/24	REL
Field Conductivity	224	0	umhos		1		FCOND25	10/15/24	REL
Field pH	6.7	0.1	Units	0.1	1		FIELDPH	10/15/24	REL
Turbidity	27.1	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	110	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	9.8	0.44	mg/L	2.0	1	M0	EPA 300.0	11/11/24	020
Dissolved Boron	79.0	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Dissolved Molybdenum	2.6	2.4	ug/L	10.0	1	J	EPA 200.7	10/23/24	020
Total Hardness as CaCO3	99.4	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Sample Comments:

Sample Description: **LS-49R Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE75998 Sample Collection Date/Time: 10/17/2024 09:48  
Sample Received: 12/17/2024 Sample Collector: RE 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	4.34	0.05	feet		1		H2OD	10/17/24	REL
Field Temperature	8.6	0.1	Degrees t		1		TEMP	10/17/24	REL
Field Conductivity	128	0	umhos		1		FCOND25	10/17/24	REL
Field pH	6.2	0.1	Units	0.1	1		FIELDPH	10/17/24	REL
Turbidity	4.1	0.1	NTU'S		1		EPA 180.1	10/17/24	REL
Total Filtered Alkalinity as CaCO3	61.2	20	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	5.9	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	52.7	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Sample Comments:

Report Date: Wednesday, January 8, 2025

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

Sample Description: **LS-54 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE75999 Sample Collection Date/Time: 10/15/2024 14:10  
Sample Received: 12/17/2024 Sample Collector: RE 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	2.45	0.05	feet		1		H2OD	10/15/24	REL
Field Temperature	9.3	0.1	Degrees C		1		TEMP	10/15/24	REL
Field Conductivity	57	0	umhos		1		FCOND25	10/15/24	REL
Field pH	5.7	0.1	Units	0.1	1		FIELDPH	10/15/24	REL
Turbidity	42.7	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	20.8	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	3.5	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	15.9	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Sample Comments:

Sample Description: **LS-54P Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76000 Sample Collection Date/Time: 10/15/2024 14:20  
Sample Received: 12/17/2024 Sample Collector: RE 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	1.57	0.05	feet		1		H2OD	10/15/24	REL
Field Temperature	6.7	0.1	Degrees C		1		TEMP	10/15/24	REL
Field Conductivity	90	0	umhos		1		FCOND25	10/15/24	REL
Field pH	5.9	0.1	Units	0.1	1		FIELDPH	10/15/24	REL
Turbidity	133.3	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	39.8	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	4.5	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	32.0	17.3	ug/L	40.0	1	J	EPA 200.7	10/23/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	31.5	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Sample Comments:

Sample Description: **LS-100P Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76001 Sample Collection Date/Time: 10/15/2024 16:00  
Sample Received: 12/17/2024 Sample Collector: RE 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	11.37	0.05	feet		1		H2OD	10/15/24	REL

Report Date: Wednesday, January 8, 2025

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

Sample Description: **LS-100P Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76001 Sample Collection Date/Time: 10/15/2024 16:00  
Sample Received: 12/17/2024 Sample Collector: RE 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	8.5	0.1	Degrees t		1		TEMP	10/15/24	REL
Field Conductivity	272	0	umhos		1		FCOND25	10/15/24	REL
Field pH	6.5	0.1	Units	0.1	1		FIELDPH	10/15/24	REL
Turbidity	10.1	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	121	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	23.0	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	22.1	17.3	ug/L	40.0	1	J	EPA 200.7	10/23/24	020
Dissolved Molybdenum	3.1	2.4	ug/L	10.0	1	J	EPA 200.7	10/23/24	020
Total Hardness as CaCO3	121	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Sample Comments:

Sample Description: **LS-101P Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76002 Sample Collection Date/Time: 10/16/2024 11:45  
Sample Received: 12/17/2024 Sample Collector: RE 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	13.22	0.05	feet		1		H2OD	10/16/24	REL
Field Temperature	7.5	0.1	Degrees t		1		TEMP	10/16/24	REL
Field Conductivity	72	0	umhos		1		FCOND25	10/16/24	REL
Field pH	6.9	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	56.7	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Total Filtered Alkalinity as CaCO3	26.5	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	3.4	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	19.7	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Sample Comments:

Sample Description: **LS-102 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76003 Sample Collection Date/Time: 10/16/2024 12:20  
Sample Received: 12/17/2024 Sample Collector: RE 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	4.24	0.05	feet		1		H2OD	10/16/24	REL
Field Temperature	10.5	0.1	Degrees t		1		TEMP	10/16/24	REL

Report Date: Wednesday, January 8, 2025

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

Sample Description: **LS-102 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76003 Sample Collection Date/Time: 10/16/2024 12:20  
Sample Received: 12/17/2024 Sample Collector: RE 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 Conductivity	104	0	umhos		1		FCOND25	10/16/24	REL
Field pH	5.7	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	2.2	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Total Filtered Alkalinity as CaCO3	20.7	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	8.2	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	27.2	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Sample Comments:

Sample Description: **LS-102P Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76004 Sample Collection Date/Time: 10/16/2024 12:30  
Sample Received: 12/17/2024 Sample Collector: RE 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	3.50	0.05	feet		1		H2OD	10/16/24	REL
Field Temperature	8.1	0.1	Degrees t		1		TEMP	10/16/24	REL
Field Conductivity	107	0	umhos		1		FCOND25	10/16/24	REL
Field pH	5.7	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	105	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Total Filtered Alkalinity as CaCO3	28.1	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	9.0	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	35.3	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Sample Comments:

Sample Description: **LS-103 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76005 Sample Collection Date/Time: 10/15/2024 12:35  
Sample Received: 12/17/2024 Sample Collector: RE 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	15.16	0.05	feet		1		H2OD	10/15/24	REL
Field Temperature	10.4	0.1	Degrees t		1		TEMP	10/15/24	REL
Field Conductivity	299	0	umhos		1		FCOND25	10/15/24	REL

Report Date: Wednesday, January 8, 2025

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

Sample Description: **LS-103 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76005 Sample Collection Date/Time: 10/15/2024 12:35  
Sample Received: 12/17/2024 Sample Collector: RE 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 pH	5.8	0.1	Units	0.1	1		FIELDPH	10/15/24	REL
Turbidity	6.2	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	15.8	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/29/24	020
Dissolved Sulfate	7.4	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/22/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/22/24	020
Total Hardness as CaCO3	78.3	1.0	mg/L	5.4	1		Std Mtd 2340B	10/22/24	020

Sample Comments:

Sample Description: **LS-103P Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76006 Sample Collection Date/Time: 10/15/2024 12:45  
Sample Received: 12/17/2024 Sample Collector: RE 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	15.86	0.05	feet		1		H2OD	10/15/24	REL
Field Temperature	7.2	0.1	Degrees t		1		TEMP	10/15/24	REL
Field Conductivity	523	0	umhos		1		FCOND25	10/15/24	REL
Field pH	6.7	0.1	Units	0.1	1		FIELDPH	10/15/24	REL
Turbidity	249	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	163	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	15.3	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	18.9	17.3	ug/L	40.0	1	J	EPA 200.7	10/22/24	020
Dissolved Molybdenum	4.9	2.4	ug/L	10.0	1	J	EPA 200.7	10/22/24	020
Total Hardness as CaCO3	226	1.0	mg/L	5.4	1		Std Mtd 2340B	10/22/24	020

Sample Comments:

Sample Description: **LS-104 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76007 Sample Collection Date/Time: 10/15/2024 13:25  
Sample Received: 12/17/2024 Sample Collector: RE 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	14.60	0.05	feet		1		H2OD	10/15/24	REL
Field Temperature	10.2	0.1	Degrees t		1		TEMP	10/15/24	REL
Field Conductivity	54	0	umhos		1		FCOND25	10/15/24	REL
Field pH	5.9	0.1	Units	0.1	1		FIELDPH	10/15/24	REL

Report Date: Wednesday, January 8, 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: AE76007 Sample Collection Date/Time: 10/15/2024 13:25  
Sample Received: 12/17/2024 Sample Collector: RE 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>
Turbidity	161.2	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	16.1	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/29/24	020
Dissolved Sulfate	2.4	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/22/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/22/24	020
Total Hardness as CaCO3	11.1	1.0	mg/L	5.4	1		Std Mtd 2340B	10/22/24	020

Sample Comments:

Sample Description: **LS-105P Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76008 Sample Collection Date/Time: 10/15/2024 15:20  
Sample Received: 12/17/2024 Sample Collector: RE 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	5.78	0.05	feet		1		H2OD	10/15/24	REL
Field Temperature	9.6	0.1	Degrees t		1		TEMP	10/15/24	REL
Field Conductivity	181	0	umhos		1		FCOND25	10/15/24	REL
Field pH	5.9	0.1	Units	0.1	1		FIELDPH	10/15/24	REL
Turbidity	7.6	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	56.4	20	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	27.6	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	63.9	17.3	ug/L	40.0	1		EPA 200.7	10/22/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/22/24	020
Total Hardness as CaCO3	74.9	1.0	mg/L	5.4	1		Std Mtd 2340B	10/22/24	020

Sample Comments:

Sample Description: **QAQC 1 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76009 Sample Collection Date/Time: 10/15/2024 00:00  
Sample Received: 12/17/2024 Sample Collector: RE 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 Filtered Alkalinity as CaCO3	16.6	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/29/24	020
Dissolved Sulfate	7.5	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/28/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/28/24	020
Total Hardness as CaCO3	76.6	1.0	mg/L	5.4	1		Std Mtd 2340B	10/28/24	020

Report Date: Wednesday, January 8, 2025

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

Sample Comments:

Sample Description: **QAQC 2 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76010 Sample Collection Date/Time: 10/15/2024 00:00  
Sample Received: 12/17/2024 Sample Collector: RE 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 Filtered Alkalinity as CaCO3	56.3	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	27.4	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	64.1	17.3	ug/L	40.0	1		EPA 200.7	10/28/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/28/24	020
Total Hardness as CaCO3	75.3	1.0	mg/L	5.4	1		Std Mtd 2340B	10/28/24	020

Sample Comments:

Sample Description: **EB 1 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76011 Sample Collection Date/Time: 10/15/2024 17:00  
Sample Received: 12/17/2024 Sample Collector: RE 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	8.1	0.1	Degrees t		1		TEMP	10/15/24	REL
Field Conductivity	2.9	0	umhos		1		FCOND25	10/15/24	REL
Field pH	7.0	0.1	Units	0.1	1		FIELDPH	10/15/24	REL
Turbidity	1.3	0.1	NTU'S		1		EPA 180.1	10/15/24	REL
Total Filtered Alkalinity as CaCO3	Less Than	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Dissolved Sulfate	Less Than	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/28/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/28/24	020
Total Hardness as CaCO3	Less Than	1.0	mg/L	5.4	1		Std Mtd 2340B	10/28/24	020

Sample Comments:

Sample Description: **LS-100 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76012 Sample Collection Date/Time: 10/16/2024 16:36  
Sample Received: 12/17/2024 Sample Collector: RE 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	11.18	0.05	feet		1		H2OD	10/16/24	REL

Report Date: Wednesday, January 8, 2025

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

Sample Description: **LS-100 Weston Disposal Site #3 - Ash Landfill Sample**  
 Sample ID: AE76012 Sample Collection Date/Time: 10/16/2024 16:36  
 Sample Received: 12/17/2024 Sample Collector: RE 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	11.6	0.1	Degrees C		1		TEMP	10/16/24	REL
Field Conductivity	149	0	umhos		1		FCOND25	10/16/24	REL
Field pH	5.52	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	3.6	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Dissolved Boron	23.6	17.3	ug/L	40.0	1		EPA 200.7	10/28/24	020
Dissolved Calcium	17800	114	ug/L	500	1	D9	EPA 200.7	10/28/24	020
Dissolved Magnesium	3090	182	ug/L	1000	1	D9	EPA 200.7	10/28/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/28/24	020
Dissolved Sodium	5330	350	ug/L	500	1		EPA 200.7	10/28/24	020
Dissolved Potassium	1500	325	ug/L	1000	1		EPA 200.7	10/28/24	020
Total Hardness as CaCO3	57.1	1.0	mg/L	5.4	1		Std Mtd 2340B	10/28/24	020
Dissolved Chloride	Less Than	0.59	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Sulfate	16.2	0.44	mg/L	2.0	1	D9	EPA 300.0	11/11/24	020
Total Filtered Alkalinity as CaCO3	45.6	5.0	mg/l	10.0	1	D9	Std Mtd 2320 B	10/25/24	020
Carbonate Ion	Less Than	5.0	mg/L	10.0	1		CO3	10/22/24	020
Bicarbonate Ion	45.2	5.0	mg/L	10.0	1		HCO3	10/22/24	020
Total Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Total Calcium	17400	114	ug/L	500	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	55.8	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020
Total Fluoride	Less Than	0.095	mg/L	0.32	1	M0	EPA 300.0	11/7/24	020
Total Chloride	2.2	0.59	mg/L	2.0	1		EPA 300.0	11/7/24	020
Total Sulfate	15.4	0.44	mg/L	2.0	1	M0	EPA 300.0	11/7/24	020
Total Dissolved Solids	86.0	8.7	mg/L	20.0	1		Std Mtd 2540 C	10/23/24	020
Total Alkalinity as CaCO3	45.2	5.0	mg/L	10.0	1		SM 2320 B-1997	10/22/24	020

Sample Comments:

Sample Description: **LS-101 Weston Disposal Site #3 - Ash Landfill Sample**  
 Sample ID: AE76013 Sample Collection Date/Time: 10/16/2024 15:41  
 Sample Received: 12/17/2024 Sample Collector: RE 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	13.14	0.05	feet		1		H2OD	10/16/24	REL
Field Temperature	10.4	0.1	Degrees C		1		TEMP	10/16/24	REL
Field Conductivity	49	0	umhos		1		FCOND25	10/16/24	REL
Field pH	5.8	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	9.2	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/28/24	020
Dissolved Calcium	4530	114	ug/L	500	1		EPA 200.7	10/28/24	020
Dissolved Magnesium	1050	182	ug/L	1000	1		EPA 200.7	10/28/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/28/24	020
Dissolved Sodium	2920	350	ug/L	500	1		EPA 200.7	10/28/24	020

Report Date: Wednesday, January 8, 2025

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

Sample Description: **LS-101 Weston Disposal Site #3 - Ash Landfill Sample**  
 Sample ID: AE76013 Sample Collection Date/Time: 10/16/2024 15:41  
 Sample Received: 12/17/2024 Sample Collector: RE 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 Potassium	1360	325	ug/L	1000	1		EPA 200.7	10/28/24	020
Total Hardness as CaCO3	15.7	1.0	mg/L	5.4	1		Std Mtd 2340B	10/28/24	020
Dissolved Chloride	Less Than	0.59	mg/L	2.0	1		EPA 300.0	11/11/24	020
Dissolved Sulfate	2.1	0.44	mg/L	2.0	1		EPA 300.0	11/11/24	020
Total Filtered Alkalinity as CaCO3	24.2	5.0	mg/l	10.0	1	D9	Std Mtd 2320 B	10/25/24	020
Carbonate Ion	Less Than	5.0	mg/L	10.0	1		CO3	10/22/24	020
Bicarbonate Ion	21.6	5.0	mg/L	10.0	1		HCO3	10/22/24	020
Total Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Total Calcium	4560	114	ug/L	500	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	15.9	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020
Total Fluoride	Less Than	0.095	mg/L	0.32	1		EPA 300.0	11/12/24	020
Total Chloride	Less Than	0.59	mg/L	2.0	1		EPA 300.0	11/12/24	020
Total Sulfate	2.1	0.44	mg/L	2.0	1		EPA 300.0	11/12/24	020
Total Dissolved Solids	34.0	8.7	mg/L	20.0	1		Std Mtd 2540 C	10/23/24	020
Total Alkalinity as CaCO3	21.6	5.0	mg/L	10.0	1		SM 2320 B-1997	10/22/24	020

Sample Comments:

Sample Description: **LS-105 Weston Disposal Site #3 - Ash Landfill Sample**  
 Sample ID: AE76014 Sample Collection Date/Time: 10/16/2024 17:18  
 Sample Received: 12/17/2024 Sample Collector: RE 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	5.81	0.05	feet		1		H2OD	10/16/24	REL
Field Temperature	11.2	0.1	Degrees t		1		TEMP	10/16/24	REL
Field Conductivity	190	0	umhos		1		FCOND25	10/16/24	REL
Field pH	6.0	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	3.7	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Dissolved Boron	51.8	17.3	ug/L	40.0	1	D9	EPA 200.7	10/22/24	020
Dissolved Calcium	21900	114	ug/L	500	1	D9	EPA 200.7	10/22/24	020
Dissolved Magnesium	5130	182	ug/L	1000	1	D9	EPA 200.7	10/22/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/22/24	020
Dissolved Sodium	3880	350	ug/L	500	1		EPA 200.7	10/22/24	020
Dissolved Potassium	1360	325	ug/L	1000	1		EPA 200.7	10/22/24	020
Total Hardness as CaCO3	75.8	1.0	mg/L	5.4	1		Std Mtd 2340B	10/22/24	020
Dissolved Chloride	0.79	0.59	mg/L	2.0	1	J, M0	EPA 300.0	11/12/24	020
Dissolved Sulfate	9.2	0.44	mg/L	2.0	1	D9, M0	EPA 300.0	11/12/24	020
Total Filtered Alkalinity as CaCO3	82.5	5.0	mg/l	10.0	1	D9	Std Mtd 2320 B	10/25/24	020
Carbonate Ion	Less Than	5.0	mg/L	10.0	1		CO3	10/22/24	020
Bicarbonate Ion	77.7	5.0	mg/L	10.0	1		HCO3	10/22/24	020
Total Boron	51.4	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Total Calcium	20500	114	ug/L	500	1		EPA 200.7	10/23/24	020

Report Date: Wednesday, January 8, 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: AE76014 Sample Collection Date/Time: 10/16/2024 17:18  
 Sample Received: 12/17/2024 Sample Collector: RE 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 Hardness as CaCO3	71.3	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020
Total Fluoride	Less Than	0.095	mg/L	0.32	1		EPA 300.0	11/12/24	020
Total Chloride	0.85	0.59	mg/L	2.0	1	J	EPA 300.0	11/12/24	020
Total Sulfate	9.0	0.44	mg/L	2.0	1		EPA 300.0	11/12/24	020
Total Dissolved Solids	98.0	8.7	mg/L	20.0	1		Std Mtd 2540 C	10/23/24	020
Total Alkalinity as CaCO3	77.7	5.0	mg/L	10.0	1		SM 2320 B-1997	10/22/24	020

Sample Comments:

Sample Description: **LS-106 Weston Disposal Site #3 - Ash Landfill Sample**  
 Sample ID: AE76015 Sample Collection Date/Time: 10/16/2024 18:13  
 Sample Received: 12/17/2024 Sample Collector: RE 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	11.68	0.05	feet		1		H2OD	10/16/24	REL
Field Temperature	12.5	0.1	Degrees C		1		TEMP	10/16/24	REL
Field Conductivity	127	0	umhos		1		FCOND25	10/16/24	REL
Field pH	6.0	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	21.5	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Dissolved Calcium	16100	114	ug/L	500	1	D9	EPA 200.7	10/22/24	020
Dissolved Magnesium	5210	182	ug/L	1000	1	D9	EPA 200.7	10/22/24	020
Dissolved Sodium	4540	350	ug/L	500	1		EPA 200.7	10/22/24	020
Dissolved Potassium	1250	325	ug/L	1000	1		EPA 200.7	10/22/24	020
Dissolved Chloride	1.4	0.59	mg/L	2.0	1	J	EPA 300.0	11/12/24	020
Dissolved Sulfate	1.9	0.44	mg/L	2.0	1	J	EPA 300.0	11/12/24	020
Total Filtered Alkalinity as CaCO3	66.4	5.0	mg/l	10.0	1	D9	Std Mtd 2320 B	10/25/24	020
Carbonate Ion	Less Than	5.0	mg/L	10.0	1		CO3	10/22/24	020
Bicarbonate Ion	65.2	5.0	mg/L	10.0	1		HCO3	10/22/24	020
Total Boron	29.3	17.3	ug/L	40.0	1	J	EPA 200.7	10/23/24	020
Total Calcium	14500	114	ug/L	500	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	57.3	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020
Total Fluoride	Less Than	0.095	mg/L	0.32	1		EPA 300.0	11/12/24	020
Total Chloride	1.3	0.59	mg/L	2.0	1	J	EPA 300.0	11/12/24	020
Total Sulfate	1.8	0.44	mg/L	2.0	1	J	EPA 300.0	11/12/24	020
Total Dissolved Solids	80.0	8.7	mg/L	20.0	1		Std Mtd 2540 C	10/23/24	020
Total Alkalinity as CaCO3	65.2	5.0	mg/L	10.0	1		SM 2320 B-1997	10/22/24	020

Report Date: Wednesday, January 8, 2025

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

Sample Comments:

Sample Description: **LS-107 Weston Disposal Site #3 - Ash Landfill Sample**  
 Sample ID: AE76016 Sample Collection Date/Time: 10/16/2024 14:27  
 Sample Received: 12/17/2024 Sample Collector: RE 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	6.24	0.05	feet		1		H2OD	10/16/24	REL
Field Temperature	11.1	0.1	Degrees t		1		TEMP	10/16/24	REL
Field Conductivity	271	0	umhos		1		FCOND25	10/16/24	REL
Field pH	5.6	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	3.4	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Dissolved Calcium	33100	114	ug/L	500	1	D9	EPA 200.7	10/22/24	020
Dissolved Magnesium	7330	182	ug/L	1000	1	D9	EPA 200.7	10/22/24	020
Dissolved Sodium	9410	350	ug/L	500	1		EPA 200.7	10/22/24	020
Dissolved Potassium	1940	325	ug/L	1000	1		EPA 200.7	10/22/24	020
Dissolved Chloride	23.8	0.59	mg/L	2.0	1		EPA 300.0	11/12/24	020
Dissolved Sulfate	52.8	0.44	mg/L	2.0	1	D9	EPA 300.0	11/12/24	020
Total Filtered Alkalinity as CaCO3	40.1	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Carbonate Ion	Less Than	5.0	mg/L	10.0	1		CO3	10/22/24	020
Bicarbonate Ion	40.1	5.0	mg/L	10.0	1		HCO3	10/22/24	020
Total Boron	33.2	17.3	ug/L	40.0	1	J	EPA 200.7	10/23/24	020
Total Calcium	29900	114	ug/L	500	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	102	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020
Total Fluoride	Less Than	0.095	mg/L	0.32	1		EPA 300.0	11/12/24	020
Total Chloride	23.8	0.59	mg/L	2.0	1		EPA 300.0	11/12/24	020
Total Sulfate	51.4	0.44	mg/L	2.0	1		EPA 300.0	11/12/24	020
Total Dissolved Solids	184	8.7	mg/L	20.0	1		Std Mtd 2540 C	10/23/24	020
Total Alkalinity as CaCO3	40.1	5.0	mg/L	10.0	1		SM 2320 B-1997	10/22/24	020

Sample Comments:

Sample Description: **QAQC 3 Weston Disposal Site #3 - Ash Landfill Sample**  
 Sample ID: AE76017 Sample Collection Date/Time: 10/16/2024 00:00  
 Sample Received: 12/17/2024 Sample Collector: RE 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 Boron	29.7	17.3	ug/L	40.0	1	J	EPA 200.7	10/22/24	020
Dissolved Calcium	19100	114	ug/L	500	1	D9	EPA 200.7	10/22/24	020
Dissolved Magnesium	3260	182	ug/L	1000	1	D9	EPA 200.7	10/22/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/22/24	020
Dissolved Sodium	5800	350	ug/L	500	1		EPA 200.7	10/22/24	020

Report Date: Wednesday, January 8, 2025

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

Sample Description: **QAQC 3 Weston Disposal Site #3 - Ash Landfill Sample**  
 Sample ID: AE76017 Sample Collection Date/Time: 10/16/2024 00:00  
 Sample Received: 12/17/2024 Sample Collector: RE 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 Potassium	1550	325	ug/L	1000	1		EPA 200.7	10/22/24	020
Total Hardness as CaCO3	61.2	1.0	mg/L	5.4	1		Std Mtd 2340B	10/22/24	020
Dissolved Chloride	2.0	0.59	mg/L	2.0	1		EPA 300.0	11/13/24	020
Dissolved Sulfate	15.3	0.44	mg/L	2.0	1		EPA 300.0	11/13/24	020
Total Filtered Alkalinity as CaCO3	45.6	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Carbonate Ion	Less Than	5.0	mg/L	10.0	1		CO3	10/22/24	020
Bicarbonate Ion	46.2	5.0	mg/L	10.0	1		HCO3	10/22/24	020
Total Boron	17.3	17.3	ug/L	40.0	1	J	EPA 200.7	10/23/24	020
Total Calcium	17300	114	ug/L	500	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	55.7	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020
Total Fluoride	Less Than	0.095	mg/L	0.32	1		EPA 300.0	11/12/24	020
Total Chloride	2.1	0.59	mg/L	2.0	1		EPA 300.0	11/12/24	020
Total Sulfate	15.7	0.44	mg/L	2.0	1		EPA 300.0	11/12/24	020
Total Dissolved Solids	76.0	8.7	mg/L	20.0	1		Std Mtd 2540 C	10/23/24	020
Total Alkalinity as CaCO3	46.2	5.0	mg/L	10.0	1		SM 2320 B-1997	10/22/24	020

Sample Comments:

Sample Description: **EB 2 Weston Disposal Site #3 - Ash Landfill Sample**  
 Sample ID: AE76018 Sample Collection Date/Time: 10/16/2024 18:40  
 Sample Received: 12/17/2024 Sample Collector: RE 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	10.2	0.1	Degrees t		1		TEMP	10/16/24	REL
Field Conductivity	3.6	0	umhos		1		FCOND25	10/16/24	REL
Field pH	6.9	0.1	Units	0.1	1		FIELDPH	10/16/24	REL
Turbidity	1.5	0.1	NTU'S		1		EPA 180.1	10/16/24	REL
Dissolved Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/22/24	020
Dissolved Calcium	Less Than	114	ug/L	500	1		EPA 200.7	10/22/24	020
Dissolved Magnesium	Less Than	182	ug/L	1000	1		EPA 200.7	10/22/24	020
Dissolved Molybdenum	Less Than	2.4	ug/L	10.0	1		EPA 200.7	10/22/24	020
Dissolved Sodium	Less Than	350	ug/L	500	1		EPA 200.7	10/22/24	020
Dissolved Potassium	Less Than	325	ug/L	1000	1		EPA 200.7	10/22/24	020
Total Hardness as CaCO3	Less Than	1.0	mg/L	5.4	1		Std Mtd 2340B	10/22/24	020
Dissolved Chloride	Less Than	0.59	mg/L	2.0	1		EPA 300.0	11/13/24	020
Dissolved Sulfate	Less Than	0.44	mg/L	2.0	1		EPA 300.0	11/13/24	020
Total Filtered Alkalinity as CaCO3	Less Than	5.0	mg/l	10.0	1		Std Mtd 2320 B	10/25/24	020
Carbonate Ion	Less Than	5.0	mg/L	10.0	1		CO3	10/22/24	020
Bicarbonate Ion	Less Than	5.0	mg/L	10.0	1		HCO3	10/22/24	020
Total Boron	Less Than	17.3	ug/L	40.0	1		EPA 200.7	10/23/24	020
Total Calcium	Less Than	114	ug/L	500	1		EPA 200.7	10/23/24	020
Total Hardness as CaCO3	Less Than	1.0	mg/L	5.4	1		Std Mtd 2340B	10/23/24	020

Report Date: Wednesday, January 8, 2025

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

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Sample Description: **EB 2 Weston Disposal Site #3 - Ash Landfill Sample**  
Sample ID: AE76018 Sample Collection Date/Time: 10/16/2024 18:40  
Sample Received: 12/17/2024 Sample Collector: RE 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		EPA 300.0	11/12/24	020
Total Chloride	Less Than	0.59	mg/L	2.0	1		EPA 300.0	11/12/24	020
Total Sulfate	Less Than	0.44	mg/L	2.0	1		EPA 300.0	11/12/24	020
Total Dissolved Solids	Less Than	8.7	mg/L	20.0	1		Std Mtd 2540 C	10/23/24	020
Total Alkalinity as CaCO3	Less Than	5.0	mg/L	10.0	1		SM 2320 B-1997	10/22/24	020

Sample Comments:

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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: 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:

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Sample Description:	LS-106 HT	<b>Weston Disposal Site #3 - Ash Landfill Sample</b>		
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:

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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:

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Sample Comments:

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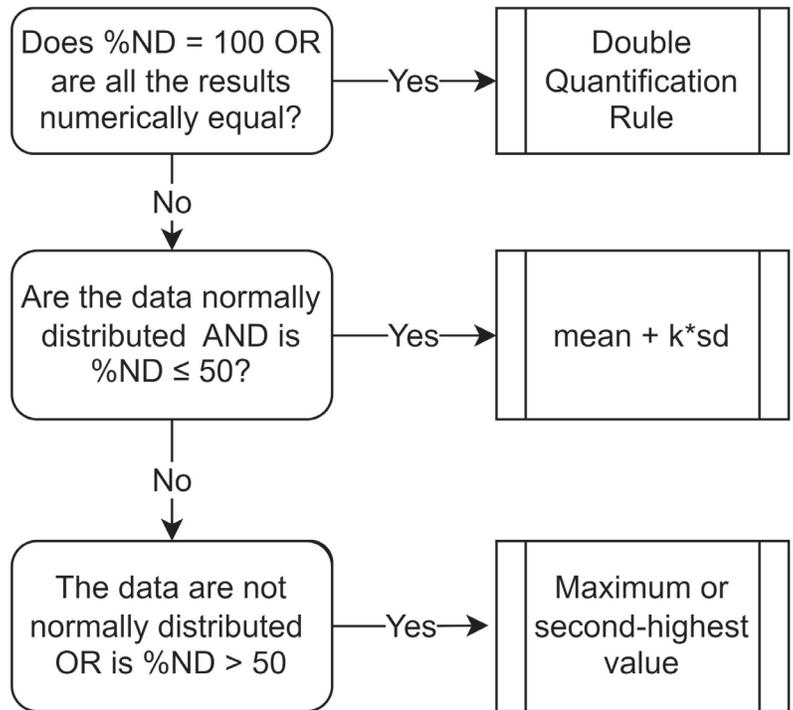
LOD and LOQ are adjusted for dilution factor.

'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

**APPENDIX B**  
**STATISTICAL METHODOLOGY FOR DETERMINATION OF BACKGROUND**  
**VALUES**

Notes
%ND = Percent non-detected samples
sd = standard deviation
k = kappa for site-wide false positive rate
<u>Alpha Levels</u>
Confidence Limit = 0.1



When data are not normally distributed or %ND > 50, the maximum value is used if the background sample size is < 60. Where the background sample size is ≥ 60, the achievable per-constituent false positive rates for the maximum and second-highest background values will be compared, and the background value with the achievable per-constituent false positive rate that is closest to, but does not exceed, the target per-constituent false positive rate of 0.015% is used.