

December 19, 2025

Project No. 2103691

Mr. Eric Kovatch
WEC Energy Group – Business Services
333 West Everett Street, A231
Milwaukee, WI 53203

**Re: 2025 Landfill Inspection Report
Weston Disposal Site No. 3
Wisconsin Public Service Corporation
Town of Knowlton, Marathon County, Wisconsin**

Dear Mr. Kovatch:

GEI Consultants, Inc. (GEI) is pleased to provide this landfill inspection report for the Wisconsin Public Service Corporation (WPSC) Weston Disposal Site No. 3 (WDS3). The inspection was completed to comply with *40 CFR 257 Subpart D – Standards for the Disposal of Coal Combustion Residuals (CCR) in Landfills and Surface Impoundments* and specifically with *§ 257.84(b) Annual inspections by a qualified professional engineer*.

§ 257.84 Inspection Requirements for CCR Landfills

(b) Annual inspections by a qualified professional engineer.

(1) Existing and new CCR landfills and any lateral expansion of a CCR landfill must be inspected on a periodic basis by a qualified professional engineer to ensure that the design, construction, operation, and maintenance of the CCR unit is consistent with recognized and accepted good engineering standards. The inspection must, at a minimum, include:

- (i) A review of available information regarding the status and condition of the CCR unit, including, but not limited to, files available in the operating record (e.g., the results of inspections by a qualified person and results of previous annual inspections); and
- (ii) A visual inspection of the CCR unit to identify signs of distress or malfunction of the CCR unit.

(2) *Inspection report.* The qualified professional engineer must prepare a report following each inspection that addresses the following:

- (i) Any changes in geometry of the structure since the previous annual inspection;
- (ii) The approximate volume of CCR contained in the unit at the time of the inspection;

- (iii) Any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit; and
- (iv) Any other change(s) which may have affected the stability or operation of the CCR unit since the previous annual inspection.

Background

The landfill, located in the E 1/2 of the NW 1/4 and W 1/2 of the NE 1/4, Section 23, Township 26 North, Range 7 East, Town of Knowlton, Marathon County, Wisconsin, is permitted by the Wisconsin Department of Natural Resources (WDNR) under License No. 3067. The Site Location Figure, attached in Appendix A, shows the location of the landfill relative to the Weston Power Plant. The landfill was permitted by the WDNR on December 11, 2014, with the issuance of a Conditional Plan of Operation Approval. The facility is licensed and approved as a 57.6-acre, 4,075,500 cubic yard (cy) landfill. Cells 1 and 2 have a constructed area of 15.1 acres and an operational capacity of 667,900 cy. Both cells were constructed in 2015 in addition to the installation of a leachate force main, storage tank, and load-out system. The construction of Cells 1 and 2 was approved by the WDNR on April 22, 2016. WPSC placed Cell 2 into service on June 27, 2016, and Cell 1 into service on August 16, 2021. WPSC has filled the cells episodically since being placed into service and has constructed permanent final cover over approximately 3.5 acres of the Cell 2 exterior slopes after reaching final waste grades.

GEI was retained to perform an annual inspection of the landfill in compliance with *§ 257.84(b) Annual inspections by a qualified professional engineer*. The inspection was performed on September 29, 2025. This cover letter, Appendix A - Site Location Figure, Appendix B - Annual Inspection Form, and Appendix C – Landfill Inspection Photo Log, constitute the entirety of this report.

Site Inspection

The landfill site inspection was performed by John M. Trast, P.E, D.GE on September 29, 2025. The inspection included observation of Cells 1 and 2, observation and inspection of the Cell 2 partial final cover and perimeter slopes, and storm water management features for the site. Photographs taken during the site inspection are attached to this report in Appendix C. The following are the observed conditions as of the date of the annual inspection:

- (i) Cell 1 was placed into service on August 26, 2021, with the placement of the frost protection layer. Cell 1 received approximately 16,025 cy of CCR in 2025. As of December 19, 2025, approximately 138,775 cy of CCR have been disposed of in Cell 1. CCR placement consists of the 4-foot frost protection layer on the floor of the cell and the north and east perimeter slopes.
- (ii) Cell 2 was placed into service on June 27, 2016. As of December 19, 2025, approximately 389,000 cy of CCR have been disposed of in Cell 2. CCR placement consists of the 4-foot frost protection layer on the floor of the cell and CCR placed to final waste grades on the east slope. A permanent final cover has been constructed over approximately 3.5 acres of the perimeter slopes of Cell 2 in 2016 and 2020; the remainder of the cell has CCR placed in accordance with the waste filling and storm water management plans.

(iii) The perimeter slopes of Cells 1 and 2, and the final cover slopes of Cell 2 appear to be in excellent condition with no signs of instability, structural weakness, significant erosion, woody vegetation, or animal burrows. The fugitive dust control plan is effective as there was no evidence of fugitive dust around the perimeter of the landfill and no observed dust from site operations.

Conclusion

On September 29, 2025, a GEI licensed professional engineer completed an annual inspection of the WPSC Weston Disposal Site No. 3 in compliance with § 257.84(b) *Annual inspections by a qualified professional engineer*. Cell 2 of the landfill are operational and did not receive any CCR during 2025. Cell 1 is operational and received approximately 16,025 cy of CCR during 2025. The perimeter slopes of Cell 2 appear to be in good condition with no significant erosion, no woody vegetation, no animal burrows, and no areas of instability or structural weakness. At the time of the inspection, the permanent final cover constructed was in excellent condition. The vegetation was well established with no erosion, no woody vegetation, no animal burrows, and no areas of instability or structural weakness.

The inspection was completed by John M. Trast, P.E., D.GE.

"I am a licensed professional engineer in the State of Wisconsin in accordance with the requirements of Chapter A-E 4, Wisconsin Administrative Code; that this document has been prepared in accordance with the Rules of Professional Conduct in Chapter A-E 8, Wisconsin Administrative Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in Chapters NR 500 to 538, Wisconsin Administrative Code and 40 CFR 257."

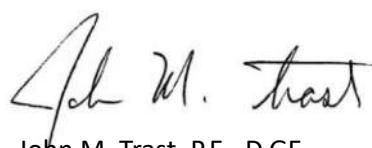
If you have any questions regarding this report, please contact John Trast at 920.455.8299.

Sincerely,

GEI CONSULTANTS, INC.



Andrew J. Schwoerer, P.G.
Project Professional

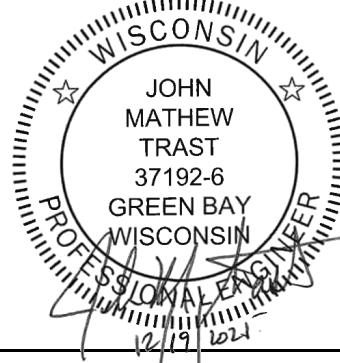


John M. Trast, P.E., D.GE
Vice President

AJS/JMT:amp
B:\Working\WEC ENERGY GROUP\2103691 CCR Landfills Engineering Assistance\05_In_Progress\WDS3\2025 Inspection\01_R2103691_WDS3 Landfill
Inspection_2025_FINAL.docx

Appendices

- Appendix A Site Location Figure
- Appendix B Annual Inspection Form
- Appendix C Landfill Inspection Photo Log



Appendix A Site Location Figure



WISCONSIN PUBLIC SERVICE
TOWN OF KNOWLTON, WISCONSIN



WESTON DISPOSAL SITE NO. 3
SITE LOCATION FIGURE

Project 2103691

December 19, 2025

Fig. 1

2025 Landfill Inspection Report
Weston Disposal Site No. 3
Wisconsin Public Service Corporation
Town of Knowlton, Marathon County, Wisconsin
December 19, 2025

Appendix B Annual Inspection Form

WDS3 ASH LANDFILL CCR COMPLIANCE - ANNUAL INSPECTION

INSPECTOR: John M. Trast, P.E., D.GE

INSPECTION DATE/TIME: 9/29/2025, 12:00 P.M.

WEATHER:

Temperature: 60° F
 Conditions: Sunny
 Wind: Moderate
 Wind Direction: W
 Precipitation: None

LEACHATE COLLECTION SYSTEM:

<u>Load-out Facility:</u>		<u>Sump:</u>		
High level alarms:	Yes	Cell 1 Pump #1	Available	24.3 in Primary LCS Sump
Low level alarms:	No	Cell 1 Pump #2	Available	23.0 in Primary LCS Sump
Leak alarms	No	Control Panel:	Available	
Tank Level :	17.7 ft	Cell 2 Pump #1	Available	23.5 in Primary LCS Sump
Tank Volume:	65914 gallons	Cell 2 Pump #2	Available	22.6 in Primary LCS Sump
Pump:	Available	Control Panel:	Available	
Pad Condition:	Good			

Comments: Leachate volume in the tank is being managed by certified operators to generally keep the volume less than 30,000 gallons (operating capacity is 104,800 gallons). Leachate levels in the sumps are being maintained in compliance with the operating license requirements (no alarms) of less than 1-foot of head on the liner. Tank volume is higher due to a large rainfall the previous week.

STABILITY/EROSION OF FINAL

Final Covers:

Waste Slopes:

Comments : The Cell 2 final cover slopes appear stable with no observed instability, no significant erosion, no woody vegetation, no animal burrows, or concerns regarding the final cover slopes. Everything appeared to be in good condition with no observed instability or significant erosion.

Note: Check mark indicates slope appears stable and no significant erosion.

LANDFILL OPERATIONS:

Fugitive Dust Control:

Tracking Pads :
 Cattle Guards :
 Access Road Clean:
 Landfill Surfaces Vegetated:
 Airbourne Dust Visible: No
 Sign of Recent Dust Deposition: No

Stormwater Management

Exterior Ditches:
 Interior Ditches:
 Catch Basin:
 Culverts:

Comments: Cell 2 partial closures occurred in 2016 on the south and southeast slopes and 2020 on the east slope. The remaining uncovered east slope over Cell 2 will be covered in the future. In 2021, WEC opened Cell 1 of the landfill and placed the 4-foot-thick frost protection layer. Leachate from Cells 1 and 2 is hauled from the on-site leachate collection tank to the Weston Power Plant for disposal.

Note: Check mark indicates that the features are acceptable.

2025 Landfill Inspection Report
Weston Disposal Site No. 3
Wisconsin Public Service Corporation
Town of Knowlton, Marathon County, Wisconsin
December 19, 2025

Appendix C Landfill Inspection Photo Log

Weston Disposal Site No. 3 Landfill

Inspection - Photo Log

Date: 9/29/2025

Project No.: 2103691

Client: Wisconsin Public Service Corporation



Photo No. 1 – Active filling area on Cell 1 and Cell 2, looking north.	2
Photo No. 2 – Cell 2/3 intercell berm and leachate collection ditch along west side of Cell 2.	2
Photo No. 3 – Cell 2 west slope.	3
Photo No. 4 – Cell 2 south slope and stormwater diversion berm.	3
Photo No. 5 – Stormwater Basin 2 east of Cell 2.	4
Photo No. 6 – Stormwater Basin 2 and Cell 2 final cover.	4
Photo No. 7 – Active filling area in Cell 1, looking south.	5
Photo No. 8 – Looking north on the Cell 1 active filling area and the east slope prepared for final cover.	5
Photo No. 9 – Looking east at the Cell 1 north perimeter slope and leachate collection ditch.	6
Photo No. 10 – Cell 1 north and east perimeter slopes, looking southwest.	6
Photo No. 11 – Cell 2 diversion berms and stormwater drain pipe inlet.	7
Photo No. 12 – Looking north at the Cell 2 east perimeter slope and diversion berm.	7
Photo No. 13 – Cell 2 south diversion berm and headwell pipe.	8
Photo No. 14 – Leachate loadout pad and control panels.	8
Photo No. 15 – Cell 1 gradient control outlet pipe.	9
Photo No. 16 – Cell 1 gradient control outlet pipe.	9

Weston Disposal Site No. 3 Landfill Inspection – Photo Log

Date: 9/29/2025

Project No.: 2103691

Client: Wisconsin Public Service Corporation



Photo No. 1 – Active filling area on Cell 1 and Cell 2, looking north.



Photo No. 2 – Cell 2/3 intercell berm and leachate collection ditch along west side of Cell 2.

Weston Disposal Site No. 3 Landfill Inspection – Photo Log

Date: 9/29/2025

Project No.: 2103691

Client: Wisconsin Public Service Corporation



Photo No. 3 – Cell 2 west slope.



Photo No. 4 – Cell 2 south slope and stormwater diversion berm.

Weston Disposal Site No. 3 Landfill Inspection – Photo Log

Date: 9/29/2025

Project No.: 2103691

Client: Wisconsin Public Service Corporation



Photo No. 5 – Stormwater Basin 2 east of Cell 2.



Photo No. 6 – Stormwater Basin 2 and Cell 2 final cover.

Weston Disposal Site No. 3 Landfill Inspection – Photo Log

Date: 9/29/2025

Project No.: 2103691

Client: Wisconsin Public Service Corporation



Photo No. 7 – Active filling area in Cell 1, looking south.



Photo No. 8 – Looking north on the Cell 1 active filling area and the east slope prepared for final cover.

Weston Disposal Site No. 3 Landfill

Inspection – Photo Log

Date: 9/29/2025

Project No.: 2103691

Client: Wisconsin Public Service Corporation



Photo No. 9 – Looking east at the Cell 1 north perimeter slope and leachate collection ditch.



Photo No. 10 – Cell 1 north and east perimeter slopes, looking southwest.

Weston Disposal Site No. 3 Landfill

Inspection – Photo Log

Date: 9/29/2025

Project No.: 2103691

Client: Wisconsin Public Service Corporation



Photo No. 11 – Cell 2 diversion berms and stormwater drain pipe inlet.



Photo No. 12 – Looking north at the Cell 2 east perimeter slope and diversion berm.

Weston Disposal Site No. 3 Landfill Inspection – Photo Log

Date: 9/29/2025

Project No.: 2103691

Client: Wisconsin Public Service Corporation



Photo No. 13 – Cell 2 south diversion berm and headwell pipe.



Photo No. 14 – Leachate loadout pad and control panels.

Weston Disposal Site No. 3 Landfill

Inspection – Photo Log

Date: 9/29/2025

Project No.: 2103691

Client: Wisconsin Public Service Corporation



Photo No. 15 – Cell 1 gradient control outlet pipe.



Photo No. 16 – Cell 1 gradient control outlet pipe.