

Post-Closure Care Plan Amendment

Edgewater I-43 Ash Disposal Facility

Phase 3 Module 1

Phase 3 Module 2

Phase 4 Module 1

Contact Water Swale Module

Prepared for:

Wisconsin Power and Light Company

Edgewater Generating Station

3739 Lakeshore Drive

Sheboygan, Wisconsin 53081-7233

SCS ENGINEERS

25222259.00 | February 18, 2026

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Table of Contents

Section	Page
PE Certification	iii
1.0 Introduction and Project Summary	1
2.0 Monitoring and Maintenance Activities	2
2.1 Final Cover Maintenance	2
2.2 Leachate Collection and Removal System Maintenance	2
2.3 Groundwater Monitoring and System Maintenance	2
3.0 Post-Closure Period Contacts	3
4.0 Post-Closure Period Site Use	3
5.0 Certifications	3
6.0 Recordkeeping and Reporting	4

Figures

- Figure 1. Site Location Map
Figure 2. Post-Closure Care Plan

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PE CERTIFICATION

 <p style="margin-top: 10px;">2/18/2026</p>	<p>I, Phillip Gearing, hereby certify that I am a licensed professional engineer in the State of Wisconsin in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. 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 chs. NR 500 to 538, Wis. Adm. Code.</p> <p>Specifically,</p> <ul style="list-style-type: none"> • This Post-Closure Care Plan Amendment was prepared by me or under my direct supervision and meets the requirements of 40 CFR 257.104(d) and NR 514.07(10)(d)
	2/18/2026
(signature)	(date)
Phillip E. Gearing (printed or typed name)	
License number <u> E-45115 </u> My license renewal date is <u> July 31, 2026 </u> .	
Pages or sheets covered by this seal: ALL	

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1.0 INTRODUCTION AND PROJECT SUMMARY

On behalf of Wisconsin Power and Light Company (WPL), SCS Engineers (SCS) has prepared this Post-Closure Care Plan Amendment for the I-43 Ash Disposal Facility (I-43) Phase 3, Modules 1 and 2, Phase 4, Module 1, and the Contact Water Swale Module in accordance with 40 Code of Federal Regulations (CFR) 257.104 and Wisconsin Administrative Code NR 514.07(10)(d), as stated below.

40 CFR 257.104(d). *“Written post-closure plan – (1) Content of the plan. The owner or operator of a CCR unit must prepare a written post-closure plan that includes, as a minimum, the information specified in paragraphs (d)(1)(i) through (iii) of this section.”*

NR 517.07 (10)(d). *“A written long-term care plan that addresses all of the following: 1. A description of the monitoring and maintenance activities and the frequency at which those activities will be performed. The activities shall include, at a minimum, all of the following:”*

The I-43 facility includes the following coal combustion residual (CCR) landfills:

- Closed Phase 1 and Phase 2 (License #2853)
- Active Phase 3 and Phase 4 (License #6078)

The two landfills are located on the same property, but are not contiguous. This plan pertains to the CCR units within the active phases that are regulated under License #6078.

The following modules are the subject of this Post-Closure Plan:

- **Phase 3, Module 1** – This module is part of an existing CCR landfill that received final cover (2015) over completed outer sideslope areas that will no longer receive additional CCR. This module has also received some intermediate cover in areas where future overlay of CCR will occur.
- **Phase 3, Module 2** – This module is part of an existing CCR landfill that has received some intermediate cover and is currently being filled.
- **Phase 4, Module 1** – This module is part of an existing CCR landfill that received final cover (2016) over completed outer sideslope areas that will no longer receive additional CCR. This module has also received some intermediate cover in areas where future overlay of CCR will occur.
- **Contact Water Swale Module (CWS)** – This module is a new CCR landfill that has been constructed and approved for filling by the Wisconsin Department of Natural Resources (DNR). Placement of CCR is anticipated to begin in 2026.

Two future CCR modules (Phase 4, Module 2 and Phase 4, Module 3) are permitted with the DNR, but are not currently planned for development as permitted. The site location is shown on **Figure 1**. **Figure 2** shows proposed final cover grades and monitoring locations.

Phase 3, Module 1 and Phase 4, Module 1 have been partially closed with a final cover as described in the Closure Plan. The remaining open areas of these CCR modules will be closed when CCR materials reach final waste grades. Following the closure of the existing CCR modules at the I-43 Ash

Disposal Facility, WPL will conduct post-closure care in accordance with 40 CFR 257.104(c) for the required 30 years and with NR 514.07(10)(d) for the required 40 years per NR 506.084(2).

2.0 MONITORING AND MAINTENANCE ACTIVITIES

40 CFR 257.104(d)(1)(i). “A description of the monitoring and maintenance activities required in paragraph (b) of this section for the CCR unit, and the frequency at which these activities will be performed.”

NR 514.07(10)(d)(1). “A description of the monitoring and maintenance activities and the frequency at which those activities will be performed.”

Monitoring and Maintenance Activities	Frequency
Mowing	Semi-Annually
Inspections by Owner/Operator	Quarterly
Repair to Final Cover for Erosion Concerns	As needed, determined by inspection
Sedimentation Basin Cleaning	As needed, determined by inspection
Leachate Collection Line Cleaning	Annually
Environmental Monitoring (groundwater, leachate)	Semi-Annually

The owner/operator will perform quarterly inspections of the landfill surface, leachate control system, and groundwater monitoring systems. If issues are noticed during the inspection, action will be taken to remedy the situation. Eroded areas will be repaired and reseeded. Repairs or replacement will be performed on the groundwater monitoring system as needed.

2.1 FINAL COVER MAINTENANCE

Mowing will be performed semi-annually during the growing season unless additional mowing is required in response to the vegetation growth rate. During inspections, if eroded areas are noted, WPL will repair and reseed the area.

2.2 LEACHATE COLLECTION AND REMOVAL SYSTEM MAINTENANCE

The leachate collection and removal system for the existing CCR landfill will be maintained to meet state requirements including leachate collection line cleaning, leachate collection video inspection, and any needed repairs to the existing system. Leachate collection video inspection will occur at a minimum 5-year interval, following the annual pipe cleaning required by NR 506.07(5)(c). The video camera inspection will extend a minimum of 300 feet onto the base grades of each leachate collection line.

2.3 GROUNDWATER MONITORING AND SYSTEM MAINTENANCE

All CCR wells, as defined by NR 500.03(26y) and approved by the Department, will be maintained and sampled semi-annually for the parameters listed in Appendix III to Part 257 listed in Appendix I, Table 1A to NR 507, and in accordance with 40 CFR 257.90-98 and NR 507.15 (3).

Non-CCR monitoring wells at the site will be maintained and sampled as approved by the DNR in writing.

Sampling and analysis will be conducted in accordance with the Groundwater Sampling and Analysis Plan.

3.0 POST-CLOSURE PERIOD CONTACTS

40 CFR 257.104(d)(1)(ii). *“The name, address, telephone number, and email address of the person or office to contact about the facility during the post-closure period.”*

NR 514.07(10)(d)(2). *“The name, address, telephone number, and email address of the person or office to contact about the facility during long-term care.”*

Currently, the contact information for I-43 Ash Disposal Facility during the post-closure/long-term care period is as follows:

Edgewater Generating Station
Attn: Plant Manager
3739 Lakeshore Drive
Sheboygan, WI 53081
(920) 459-6182
CCRProgram@alliantenergy.com

4.0 POST-CLOSURE PERIOD SITE USE

40 CFR 257.104(d)(1)(iii). *“A description of the planned uses of the property during the post-closure period. Post-closure use of the property shall not disturb the integrity of the final cover, liner(s), or any other component of the containment system or the function of the monitoring systems unless necessary to comply with the requirements of the subpart...”*

NR 514.07(10)(d)(3). *“A description of the planned uses of the property during long-term care. Post-closure uses may not disturb the integrity of the final cover, liner, or any other component of the landfill, or the function of the monitoring systems unless approved in writing by the department....”*

The final use of the I-43 Ash Disposal Facility will be privately owned green space. With this use, there will be no disturbance of the final cover or any other landfill-related components.

5.0 CERTIFICATIONS

40 CFR 257.104(d)(4). *“The owner or operator of the CCR unit must obtain a written certification from a qualified professional engineer that the initial and any amendment of the written post-closure plan meets the requirements of this section.”*

NR 500.05. *“Unless otherwise specified, all submittals for review and approval of any initial site report, feasibility report, plan of operation site investigation report, remedial action options report, construction documentation report, or closure plan, or any modifications to those plans, shall include all of the following:*

- (4) **CERTIFICATION.** (a) *The reports and plan sheets shall be under the seal of a licensed professional engineer.”*

Phillip Gearing, PE, a licensed professional engineer in the State of Wisconsin, has overseen the preparation of this Post-Closure Care Plan. A certification statement is provided on **page iii** of this plan.

6.0 RECORDKEEPING AND REPORTING

40 CFR 257.104(b)(2)(iv). *“The owner or operator has completed the written post-closure plan when the plan, including the certification required by paragraph (d)(4) of this section, has been placed in the facility’s operating record as required by Section 257.105(i)(4).”*

NR 506.17(2)(e). *“The written operating record shall contain the plan of operation, plan modifications, construction documentation, department approvals, annual reports, inspection records, monitoring and corrective action records, notifications to the department, and records of public comments received during any public comment period.”*

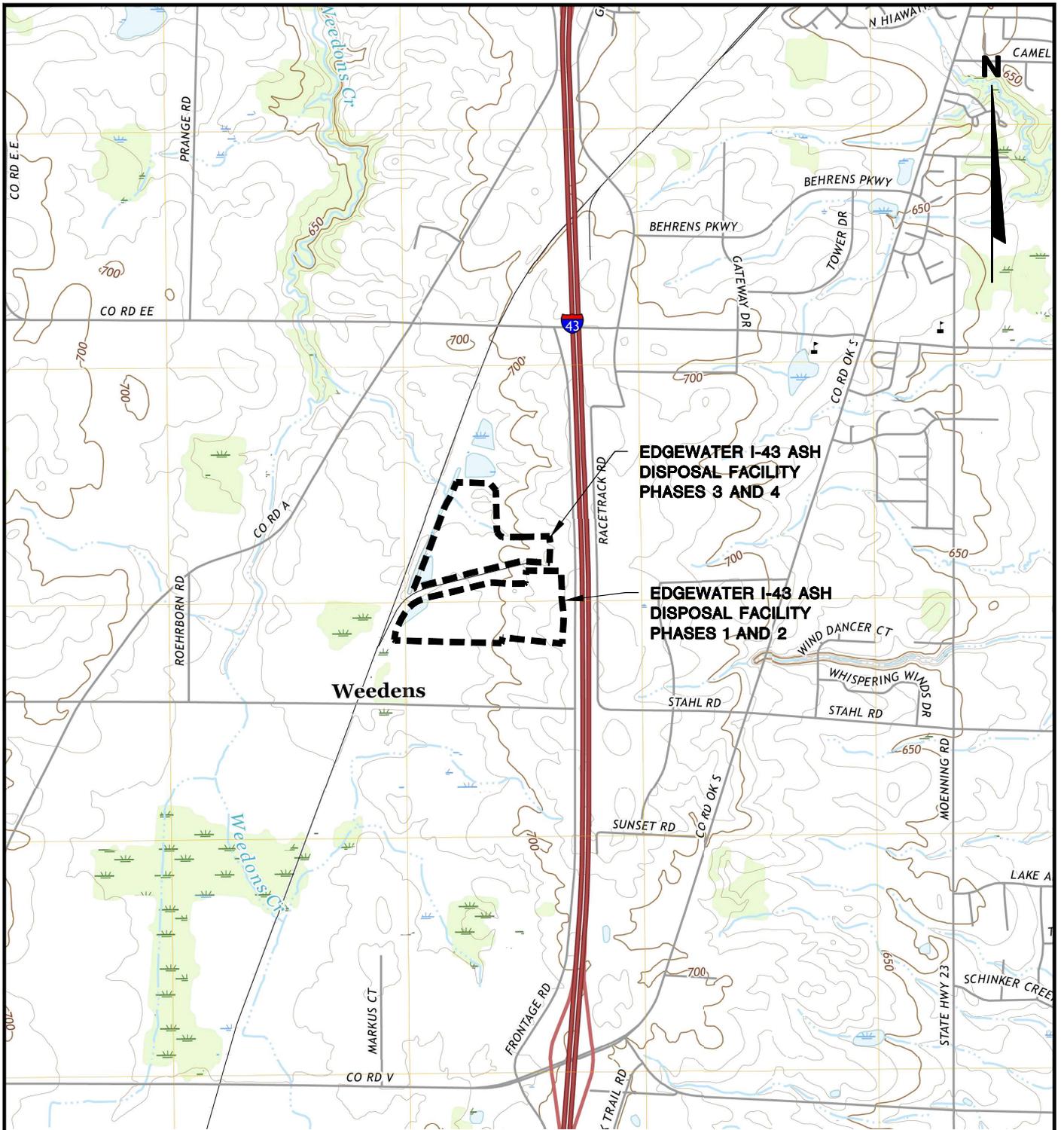
The Post-Closure Care Plan will be placed in the facility’s operating record and on Alliant Energy’s CCR Rule Compliance Data and Information website, as will all amendments, per 40 CFR 257.105(i) and 257.107(i).

WPL will amend the Post-Closure Care Plan if there is a change in operation of the CCR unit that affects the written Post-Closure Care Plan or, if after post-closure activities have started, unanticipated events cause a revision of the plan per 40 CFR 257.104(d).

WPL will provide notification of completion of the post-closure care no later than 60 days following the completion of the post-closure care period. The notification will include certification by a qualified professional engineer verifying that post-closure care has been completed in accordance with the plan per 40 CFR 257.104(e). The notification will be placed in the facility’s operating record and on the website per 40 CFR 257.105(i) and 257.107(i).

Figures

- 1 Site Location Map
- 2 Post-Closure Care Plan



Weedens

EDGEWATER I-43 ASH DISPOSAL FACILITY PHASES 3 AND 4

EDGEWATER I-43 ASH DISPOSAL FACILITY PHASES 1 AND 2



SHEBOYGAN HILLS QUADRANGLE
 WISCONSIN-SHEBOYGAN CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 SCALE: 1" = 2,000'



CLIENT	WISCONSIN POWER AND LIGHT COMPANY EDGEWATER GENERATING STATION 3739 LAKESHORE DRIVE SHEBOYGAN, WI 53081		SITE	POST-CLOSURE PLAN EDGEWATER I-43 ASH DISPOSAL FACILITY TOWN OF WILSON, WISCONSIN		ENGINEER	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830		FIGURE 1
	PROJECT NO.	25222259.00		DRAWN BY:	RVG				
	DRAWN:	01/23/2026		CHECKED BY:	PEG				
	REVISED:		APPROVED BY:	PEG, 2/18/26					

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