

**POST-CLOSURE PLAN
POND 2
JOLIET 29 STATION
SEPTEMBER 2021**

This post-closure plan has been prepared in accordance with Ill. Adm. Code 845.780(d) for Pond 2 at the Joliet 29 Generating Station, operated by Midwest Generation, LLC (Midwest Generation), in Joliet, IL. This post-closure plan describes the steps necessary for post-closure and methods for compliance with post-closure requirements for Pond 2. The post-closure care period will begin once the construction completion report documenting the closure of Pond 2 has been approved by the Illinois Environmental Protection Agency (IEPA) and Midwest Generation has placed the certified notification of closure as required by 845.780(f) in Joliet 29's operating record.

**1.0 POST-CLOSURE MONITORING AND MAINTENANCE DESCRIPTION
[845.780(d)(1)(A)]**

The post-closure monitoring and maintenance activities will be performed in compliance with 845.780(b). The post-closure care will consist of the following:

- Maintaining the integrity and effectiveness of the geomembrane liner, including making repairs as necessary; and
- Maintaining the groundwater monitoring system and monitoring the groundwater in accordance with 845.600 through 845.680.

In accordance with 845.780(b)(1), the geomembrane liner will be inspected annually for settlement/subsidence that could damage the geomembrane liner. The liner will be repaired in accordance with the manufacturer's recommendations if any of the above conditions are observed. If settlement or subsidence is observed, the potential for leaking through the liner should be evaluated. If it is determined that the potential for leaking through the liner will be detrimental to the proper function of the liner, then it will be repaired as necessary. This should be done based upon guidance from the manufacturer. If the settlement or subsidence does not detrimentally affect the functionality of the liner, then the engineered turf and geomembrane will be inspected for rips/tears. If rips/tears to the geomembrane are noted, then they will be repaired by an approved geomembrane installer.

Groundwater monitoring will be performed in accordance with 845.600 through 845.680 for the duration of the post-closure period. The groundwater monitoring plan for Pond 2 in the Joliet 29 Operating Permit's Section 9 details how the groundwater monitoring will comply with 845.600 through 845.680.

This post-closure care plan is based upon the regulatory requirement to maintain and monitor the site for 30 years after closure. If at the end of the 30-year post-closure care period, the groundwater monitoring activities are still conducting "assessment monitoring" in accordance with Ill. Adm Code 845.640, the post-closure care monitoring and maintenance will continue

until the groundwater monitoring can return to detection monitoring in accordance with Ill. Adm. Code 845.640.

2.0 POST-CLOSURE CARE CONTACT INFORMATION **[845.780(d)(1)(b)]**

Mr. William Naglosky
Station Director
Joliet 29 Generating Station
1800 Channahon Road, Joliet, IL 60436
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3.0 PLANNED USES OF THE PROPERTY **[845.780(d)(1)(c)]**

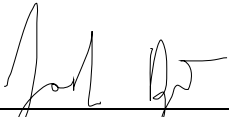
Pond 2 will be used to manage low-volume wastewater that does not contain CCR material. Pond 2 will be accessed to perform groundwater monitoring or inspections, as noted above. The groundwater monitoring will not involve access onto the liner. Access onto the liner for inspections will be kept to a minimum.

4.0 CLOSURE PLAN AMENDMENTS **[845.780(d)(3)]**

This Post-Closure Plan may be amended in accordance with Section 845.780(d)(3) if a change in the operation of Pond 2 would substantially affect the content of this Post-Closure Plan or if unanticipated events necessitate revision of the plan. If a change in operation requires amendment to the Post-Closure Plan, the plan will be amended within 60 days before the change in operation being implemented. If an unexpected event occurs that requires amendment of the Post-Closure Plan, the plan will be amended within 60 days of the unexpected event or within 30 days of the unexpected event if the event occurs after post-closure activities have commenced. Amendments to this Post-Closure Plan will be certified by a professional engineer registered in the State of Illinois in accordance with Ill. Adm. Code 845.780(d)(4).

5.0 PROFESSIONAL ENGINEER'S CERTIFICATION **[845.780(d)(4)]**

This Post-Closure Plan has been prepared to meet the requirements of 35 Ill. Adm. Code 845.780(d)(1).


9/21/21

Joshua D. Davenport, P.E.
Illinois Professional Engineer

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