

**POST-CLOSURE PLAN  
LINCOLN STONE QUARRY  
JOLIET #9 STATION  
JANUARY 2022**

**1.0 Introduction**

This post-closure plan has been prepared in accordance with 35 Ill. Adm. Code 845.780 for Lincoln Stone Quarry (LSQ) at the Joliet #9 Station, operated by Midwest Generation, LLC (Midwest Generation), in Joliet, IL. Currently, LSQ is a landfill being operated under Illinois Environmental Protection Agency Permit No. 1994-241-LFM, Modification No. 24. The closure of LSQ will be accomplished by leaving the coal combustion residual (CCR) in place and covering with a final cover system in accordance with 845.750. The closure will achieve the closure performance standards in accordance with 845.750(a). This post-closure plan describes the steps necessary for post-closure and methods for compliance with post-closure requirements for the LSQ. The post-closure care period will begin once the construction completion report documenting the closure of LSQ and the closure certification has been approved by the Illinois Environmental Protection Agency (IEPA). The post-closure care period will begin once Midwest Generation has placed a certified notification of closure as required by 845.780(f) in Joliet #9's operating record. This post-closure care plan is based upon the regulatory requirement to maintain and monitor the site for 30 years after closure.

**2.0 Post-Closure Monitoring and Maintenance Requirements  
[845.780(b)]**

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 final cover system (FCS), including making repairs as necessary to correct the effects of settlement, subsidence, erosion, or other events, and preventing run-on and run-off from eroding or otherwise damaging the final cover.
- Maintaining the groundwater monitoring system and monitoring the groundwater in accordance with the requirements of Subpart F.

**3.0 Final Cover System Monitoring & Maintenance Description  
[845.780(d)(1)(A)]**

Annual inspections for settlement, subsidence, erosion or other damage through-out the post closure care period. Corrective measures will be implemented if any of the above conditions are observed and any repairs made to the FCS will be repaired in accordance with the manufacturer's recommendations. If rips/tears to the engineered turf and/or geomembrane are noted, then they will be repaired by an approved ClosureTurf installer. Erosion of the sand infill that causes the engineered turf backing to become exposed will be brushed back into the exposed turf backing areas.

#### **4.0 Groundwater Monitoring** **[845.780(b)(2)]**

Groundwater monitoring will be performed in accordance with 35 Ill Adm. Code 845 Subpart F for the duration of the post-closure period. Groundwater sampling will be conducted quarterly during the first five years of the post-closure period and groundwater elevations will be collected monthly. After the five years, the groundwater monitoring may be reduced to semi-annually if approved by IEPA.

#### **5.0 Post-Closure Care Contact Information** **[845.780(d)(1)(B)]**

Environmental Specialist  
Joliet #9 Generating Station  
1601 S. Patterson Road  
Joliet, IL 60436  
815-207-4918

#### **6.0 Planned Uses of the Property** **[845.780(d)(1)(C)]**

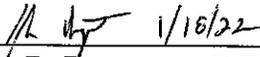
LSQ will be not developed during the post-closure care period. LSQ will be inactive during the post-closure care period, and it will only be accessed to perform groundwater monitoring or inspections, as noted above. The groundwater monitoring will not involve access to the FCS. Access to the FCS for inspections will be kept to a minimum.

#### **7.0 Post-Closure Plan Amendments** **[845.780(d)(3)]**

This Post-Closure Plan will be amended in accordance with 845.780(d)(3) if a change in the operation of LSQ 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 no later than 60 days prior to the change in operation being implemented. If an unexpected event occurs that requires amendment of the 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 §845.780(d)(4).

**8.0 Professional Engineer's Certification**  
**[845.780(d)(4)]**

This Post-Closure Plan for Joliet #9/Lincoln Stone Quarry has been prepared to meet the requirements of 35 Ill. Adm. Code 845.780(d)(1).

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

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