

## **Post-closure Plan**

### **Unit 3 Landfill**

#### **Sherburne County Generating Plant**

### **Introduction**

This plan describes the post-closure care maintenance requirements for the Unit 3 Landfill (Landfill) at the Sherburne County Generating Plant (Sherco) in Becker, Minnesota. The Landfill is an existing coal combustion residual (CCR) landfill currently permitted by the Minnesota Pollution Control Agency under Permit Number SW-293. This document complies with the requirements of 40 CFR §257.104 and Permit Number SW-293.

Closure of the Landfill will occur over many phases. Once final closure of the Landfill occurs the post-closure care period will commence. Details of post-closure inspections, maintenance, and groundwater monitoring are provided below.

### **§257.104 (b) Inspections and Maintenance**

Following final closure, a routine inspection of the Landfill final cover will be conducted during the spring and fall of each year. The inspection will include an evaluation of the final cover for settlement, erosion and quality of vegetation, and inspection of stormwater control systems.

If needed, post-closure maintenance of the Landfill will consist of the following:

1. Maintaining the integrity and effectiveness of the final cover system, including making repairs to the final cover 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.
2. Maintaining the integrity and effectiveness of the leachate collection and removal system and operating the leachate collection and removal system in accordance with §257.70
3. Mowing vegetative cover as necessary prevent growth of woody and deep-rooted vegetation.

Groundwater monitoring will be conducted in accordance with §§257.90 through 257.98. During groundwater sampling events, the groundwater monitoring system will be inspected to verify it is properly functioning.

### **§257.104 (c) Post-closure Care Period**

Post-closure inspections, maintenance and groundwater monitoring will be conducted in accordance with §§257.90 through 257.98, and §257.104 for 30 years after final closure of the Landfill unless the monitoring program is operating under assessment monitoring at that time. If the Landfill is in assessment monitoring, groundwater monitoring will continue until the Landfill has returned to detection monitoring.

At the conclusion of either the 30-year time period, or a return to detection monitoring from assessment monitoring after the 30-year period since final closure has concluded, the post-closure care period will end.

### **§257.104 (d)(ii) Contact Information**

The contact during the Post-closure period is:

Name: Sherco Plant Director – Currently Ron Brevig

Address: 13999 Industrial Blvd, Becker MN 55308

Telephone: 763.261.3110

Email: Ronald.L.Brevig@XcelEnergy.com

### **§257.104 (d)(iii) Planned Uses of Property**

The present site owner and operator, Xcel Energy, will not allow use of the site for activities that would be considered to be detrimental to the maintenance of adequate final earth and vegetative cover, surface water drainage systems, leachate collection systems, and groundwater monitoring wells.

### **§257.104 (d)(3) Amendment of Post-closure plan**

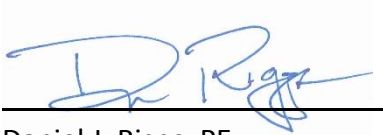
At least 60 days prior to any planned change and no later than 60 days after an unanticipated event that substantially affects the plan, a modified Post-Closure Plan will be prepared will be included in the facility's operating record and posted on the CCR website. If an event warrants a change to the plan after post-closure activities have commenced, the plan will be amended no later than 30 days after the event. Amendments to the Post-Closure Care Plan will be certified by a qualified professional engineer.

### **§257.104 (e) Notification of completion of post-closure plan**

No later than 60 days following the completion of the post-closure care period in accordance with §257.104 (c), a notification of completion of post-closure care will be prepared and certified by a qualified professional engineer. Post-closure care will be considered complete when this notification is made.

## Certification

I hereby certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Daniel J. Riggs, PE  
License No. 49559

October, 17 2016

Date

**References (included in Operating Record and Website)**

Carlson McCain, Inc. (October 2013). "Closure/Post-Closure Plan, Application for Permit Reissuance, Unit 3 AQCS Solids Landfill", MPCA Permit Application Document, Maple Plain, Minnesota.