

# **ANNUAL DUST CONTROL REPORT**

## **Dairyland Power Cooperative Alma Offsite Phase IV Landfill**

### **December 13, 2018**

#### **Introduction**

Dairyland Power Cooperative (DPC) has prepared this Annual Dust Control Report in accordance with 40 CFR 257.80(c) to document the following information for the Alma Offsite Phase IV Landfill (Phase IV Landfill) located near Alma, Wisconsin:

- Description of dust control procedures implemented at the Phase IV Landfill
- Summary of any concerns raised by stakeholders
- Description of any corrective actions taken

#### **Implementation of Dust Control Procedures**

During the last 12 months, dust control procedures have been implemented at the Phase IV Landfill, as discussed in the Dust Control Plan for the Alma Offsite Phase IV Landfill (Dust Control Plan), dated October 14, 2015. A dust control log has been maintained to document dust control during the reporting year. Typical dust control measures used in and around the landfill include, water spray within the active landfill as needed, wetting access roads, sweeping activities, use of covers on trucks, controls to limit tracking ash out of the landfill. A copy of the current Dust Control Plan is available in the DPC operating record and on the DPC internet site, as required by 40 CFR 257.105(g) and 257.107(g).

DPC is considering additional modifications to the landfill ash processing facility to improve dust control during ash load out and transfer to the landfill. A status report appears below:

- DPC submitted a work order to replace the existing AOS small diameter flow meter in 2018 and replace water piping to improve water flow. A significant calcification was discovered in the piping likely reducing the flow rates to the mixer. Instead of replacing the piping it was determined that a chemical cleaning would be more cost effective and reduce the labor required to replace the entire piping system. A work order was submitted to perform chemical cleaning on the piping at the Offsite rather than replace existing piping. Once the piping has been cleared, an engineering firm, will determine the proper sizing of the valve to replace the smaller diameter flow meter currently installed. The flow should be measured before and after to gauge the effectiveness of the improvements.

The level of fugitive dust emitted from the mixers should be evaluated after these improvements have been performed to determine if any additional improvements are warranted.

## **Stakeholder Correspondence**

During the last 12 months, the following concerns or complaints have been received by DPC:

- No concerns or complaints were received.

For each correspondence item above, follow-up communications were completed and records have been maintained by DPC (Note: none for this reporting period). If needed, corrective actions have been implemented as discussed under Corrective Actions.

## **Corrective Actions**

Based on inspections and/or stakeholder correspondence during the last 12 months, corrective actions have not been identified to improve dust control at the Phase IV Landfill. A summary of corrective actions, including completion date or status, is provided below.

- None.

## **Closing**

A copy of the most recent Annual Dust Control Report is available in the Facility operating record and on the DPC internet site, as required by 40 CFR 257.105(g) and 257.107(g). The DPC internet site also provides contact information and requests that stakeholders contact DPC with any concerns regarding dust controls at the Facility.