

# Annual Fugitive Dust Control Report

For the

Dallman and Lakeside Coal Combustion Residuals Surface  
Impoundments and Landfill

City Water, Light and Power (CWLP)

Springfield, Illinois



Prepared by:

Environmental, Health & Safety, CWLP

December 2016

## Introduction

Pursuant to the requirements of 40 CFR Part 257.80(c) and in accordance with 40 CFR Part 257.105(g)(2), CWLP must prepare an Annual Coal Combustion Residuals (CCR) Fugitive Dust Control Report inclusive of the following information dating one year from the placement of the initial CCR Fugitive Dust Control Plan in its operating record. This Report includes:

- a. Description of actions taken to control CCR fugitive dust
- b. All citizen complaints
- c. Summary of corrective measures taken

## Description of Actions Taken to Control CCR Fugitive Dust

- a) The paved roadway entrance to the facility was watered and/or swept as often as practicable to remove mud, dirt or similar debris.
- b) Fugitive dust emission reduction, roadway conditions, and employee safety concerns limited vehicle speed to 10 mph on all roadways inside the facility.
- c) CCR storage piles were maintained at a surface moisture sufficient to reduce wind-blown erosion and fugitive dust. Gypsum and ash have a moisture content of 10-20%.
- d) Material handlers operating inside the facility exercised caution and care in CCR pile manipulation and loading procedures in order to minimize fugitive dust emissions.
- e) During high wind events, material handlers reduced or halted operations.
- f) In order to reduce roadway fugitive dust from the facility, a six foot concrete barrier wall has been constructed on the southeast side of the facility as a preventative measure.
- g) In addition to the constructed wall mentioned above, the natural growth of vegetation within and surrounding the facility serves as a further control against roadway fugitive dust.
- h) Emissions Monitoring - CWLP conducted fugitive dust inspections with personnel who are certified by the Illinois Environmental Protection Agency (IEPA) in the evaluation of visible emissions to ensure the adequacy of existing emission controls at the facility. Opacity measurements have been taken on the paved entrance road using Method 22 or Method 9 on a monthly basis. Opacity measurements have been taken on the CCR piles using Method 22 or Method 9 on an as needed basis since material already have a surface moisture content between 10-20%.

## All Citizen Complaints

There have been no citizen complaints registered in reference to fugitive dust from the Dallman and Lakeside CCR Surface Impoundments and Landfill. A copy of the Fugitive Dust Citizen Complaint Log is below;

Fugitive Dust Citizen Complaint Log								
Complaint Background Details				Received Dust Event Details				Summary of corrective measures taken
Date Received	Time Received	Name Provided	Contact Information	Date Observed	Time Observed	Source and Location Description	Comments/Other	
No Complaints								

## Summary of Corrective Measures Taken

There have been no additional corrective measures taken; however, CWLP continues to execute fugitive dust management practices in accordance with the Fugitive Dust Control Plan.