



Annual Fugitive Dust Control Report

Richmond Power and Light
Whitewater Valley Station
Richmond, Indiana

GAI Project Number: C151119.25
September 2024



Prepared by: GAI Consultants, Inc.
Pittsburgh Office
385 E. Waterfront Drive
Homestead, Pennsylvania 15120

Prepared for: Richmond Power & Light
2000 U.S. 27 South
P.O. Box 908
Richmond, Indiana 47374

Table of Contents

1.0 Introduction5

2.0 Fugitive Dust Control Plan5

3.0 Annual Fugitive Dust Control Report5

4.0 Description of Fugitive Dust Controls5

5.0 Citizens Complaint Log5

6.0 Corrective Actions5

© 2024 GAI Consultants

1.0 Introduction

The Whitewater Valley Power Station (Station) is owned by Richmond Power & Light (RP&L) and is located in Richmond, Indiana (IN). The Station includes a Surface Impoundment (Impoundment), which is used for the long term storage of coal combustion residuals (CCR).

The Impoundment is located on RP&L property at the Whitewater Valley Power Station in Wayne County, Indiana (coordinates 39° 48' 12.9" North and 84° 53' 54.8" West). The Impoundment is located in the northwestern corner of the property.

The Impoundment is currently inactive and is regulated as an existing CCR surface impoundment under the United States Environmental Protection Agency's (EPA's) "Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments" [40 CFR 257 Subpart D], published in the Federal Register on April 17, 2015 with an effective date of October 19, 2015 (CCR Rule) and subsequent revisions. The Impoundment also meets the provisions of the "Extension of Compliance Deadlines for Certain Inactive Surface Impoundments: Response to Partial Vacatur," effective October 4, 2016.

2.0 Fugitive Dust Control Plan

This Fugitive Dust Control Plan (FDCP) for the Station, dated April 2017, sets forth the techniques utilized to control dust emissions during loading, transportation, and placement of CCR at the Station.

3.0 Annual Fugitive Dust Control Report

40 CFR § 257.80(c) requires an Annual CCR Fugitive Dust Control Report (FDCR) be prepared that includes a description of activities taken by the owner or operator to control CCR fugitive dust; a record of all citizen complaints; and a summary of any corrective measures taken. The FDCR must be placed the facility's operating record as required by 40 CFR § 257.105(g)(2). This report documents actions to control fugitive dust during the period from June 14, 2022 to July 30, 2024.

4.0 Description of Fugitive Dust Controls

The Station utilizes industry accepted practices as needed for controlling CCR fugitive dust. Measures that may be used to control CCR fugitive dust are described in the FDCP and include the following:

- Water Addition/Spray;
- Wind Restrictions;
- Tarps; and
- Water/Chemical Dust Suppressants.

5.0 Citizens Complaint Log

No citizen complaints were received during the annual period covered by this report.

6.0 Corrective Actions

The CCR fugitive dust controls are adequate and no corrective actions were required.