

TRANSALTA CENTRALIA MINING LLC

LIMITED PURPOSE LANDFILL



ANNUAL CCR FUGITIVE DUST CONTROL
REPORT

Prepared By:

TransAlta Centralia Mining LLC
913 Big Hanaford Road
Centralia, WA 98531

October 2023

1. INTRODUCTION

The 2023 Annual CCR Fugitive Dust Control Report (Annual Report) has been prepared pursuant to the air criteria of 40 CFR 257.80. The Annual Report summarizes activities described in the CCR fugitive dust control plan (Plan) and includes the following components: description of actions taken to control CCR fugitive dust; a record of all citizen complaints; and a summary of any corrective measures taken.

The deadline for completing a subsequent Annual Report is one year after the date of completing the previous CCR fugitive dust control report. The previous Annual Report was placed into the operating record on October 6, 2022. This Annual Report addresses the period from October 6, 2022 to October 9, 2023. The Annual Report is deemed complete when it is placed in the facility's operating record as described in Section 6.

The Annual Report will be Placed in the operating record and retained in the offices of TransAlta Centralia Mining LLC (TCM). The Annual Report will also be placed on the TransAlta USA publicly accessible internet website titled "Environmental Management/CCR Rule Compliance Data and Information as described in Section 6.

2. FACILITY DESCRIPTION and CONTACT INFORMATION

2.1. Facility Information

General Information:

Name of Facility: TransAlta Centralia Mining LLC – Limited Purpose Landfill

Street: 913 Big Hanaford Road

City: Centralia State: WA ZIP Code: 98531

County: Lewis

Latitude: 46 °, 44 “, 23 ‘ North Longitude: 122 °, 49 “, 55 ‘ West

2.2. Contact Information

Facility Operator:

Name: TransAlta Centralia Mining LLC

Attention: Dennis N. Morr, Jr. – Landfill Manager

Address: 913 Big Hanaford Road

City, State, Zip Code: Centralia, WA 98531

2.3. Facility Description

The TransAlta Centralia Mining LLC Limited Purpose Landfill (LPLF) is in Lewis County Washington. The landfill is nested within the former Centralia Coal Mine which is adjacent to the TransAlta Centralia Generation LLC (TCG). The LPLF receives bottom and fly ash wastes from TCG.

3. FUGITIVE DUST CONTROLS

The following fugitive dust control measures were implemented during the period addressed by this Annual Report:

Activity	Fugitive Dust Control Measures
Access &Haulage Roadways	Road dust will be controlled through proper road design and construction. Periodic grading will be conducted to remove debris and maintain an adequate operating surface. Watering of the road surface is the primary dust control measure available for site conditions and is most appropriate for haul road management. The application of traction rock will be conducted as necessary during dry and/or windy periods of the year when hauling operations are occurring.
Landfill Operations	Fill lift construction will be approximately 10 feet deep. End dump trucks place their load in piles and dozers push the conditioned CCR material into its final placement. This process minimizes the generation of dust from the CCR material as it is placed in the landfill. Placement of CCR material, primarily fly ash, in the landfill has the potential to generate dust and will be controlled, as needed, by watering the surface of the dump while spreading and compaction operations are being conducted. The CCR material will be compacted by the large rubber-tired trucks hauling the CCR material to the landfill and by the large dozers that spread the material.
Landfill Cover	Based on operating experience, daily cover of CCR material is not needed for dust control. Once the material is in place and compacted fugitive dust is not an issue. As lifts are completed, an intermediate cover consisting of approximately 12 inches of mine spoils will be placed, covering the CCR material.

4. CITIZEN COMPLAINT LOG

4.1. Plan Contacts

Generally, complaints made to TCM are by telephone and received by the Landfill Manager (Plan Contact). At times when the Landfill Manager is not on site, the guard house or the TCG main telephone number may receive complaint information and that will be passed along to the Landfill manager at the earliest convenience. **No complaints were received by the Landfill Manager during the period addressed by this Annual Report.**

4.2. Follow-up

All complaints will be entered into a log by the Landfill manager with details noted such as the nature of the complaint, date, time, and other relevant details. All complaints will be followed up which may include checking landfill operations at the time of the event, reviewing inspection records, discussing with other operations personnel, reviewing weather data and contacting the person making the complaint to obtain additional information. **No complaint follow-up was necessary during the period addressed by this Annual Report.**

4.3. Corrective Action and Documentation

Corrective actions will be taken as needed and documented. If it is determined that the Plan needs to be amended because of corrective actions, it will be amended in accordance with the Plan. If possible, the Landfill Manager will follow-up with the complainant to explain the findings of the complaint investigation and corrective actions. Citizen complaints will be recorded in the Annual Report. **No corrective actions due to complaints were necessary during the period addressed by this Annual Report.**

5. PLAN ASSESSMENT

The plan will be periodically assessed to verify its effectiveness, and if necessary, amended. **The Landfill Manager reviewed the inspection records when preparing this Annual Report to assess the effectiveness of the Plan and determined that no additional or modified measures were warranted.**

6. RECORD KEEPING, NOTIFICATION and INTERNET REQUIREMENTS

6.1. Recordkeeping

The Annual Report and the Plan (and any subsequent amendment of the Plan) will be kept in the facility's operating record as they become available. The Plan and files of all related information will be maintained in a written operating record at the facility for at least five years following the date of each occurrence, measurement, maintenance, corrective action, report, record or study. Only the most recent Plan must be maintained in the record. Files may be maintained on a computer.

6.2. Notification

The Washington Department of Ecology, Solid Waste Management Program Manager will be notified within 30 days of when the Annual Report is placed in the operating record and on the publicly accessible internet site. This notification will be made on or before the close of business on the day the notification is required to be completed. "Before the close of business day" means the notification will be postmarked or sent by e-mail. If the notification deadline falls on a weekend or federal holiday, the notification is automatically extended to the next business day.

6.3. Internet Site Requirements

The most recent Annual Report will be placed on the facility's CCR website <https://transalta.com/about-us/our-operations/facilities/centralia/> within 30 days of placing it in the operating record.