

Annual Coal Combustion Residual Fugitive Dust Control Report



North Manatee Recycling and Disposal Facility
Duette, FL

December 3, 2019

Description and Justification of Controls

Fugitive dust from hauling of CCR waste is controlled by the moisture conditioning of materials. Receipt of CCR ceased in May of 2019.

CCR, if excessively dry, have the potential for becoming airborne during hauling operations. CCR waste are moisture conditioned by the generator before loading into haul trucks. To further minimize the potential for dusting, haul trucks are covered before entering the disposal site. Haul road speed limits (<15 mph) limits the probability of dusting. In addition, hauling may be suspended if wind speeds are greater than 45 mph (dependent on other mitigating conditions such as rain, etc). Any CCRs that are spilled on haul roads, access ramps, or other areas out of the immediate disposal area will be cleaned up and returned to the transport vehicle or to the disposal area.

As with hauling operations, the primary means of controlling fugitive dust during landfill operations is the CCR moisture conditioning that occurs before the materials are loaded into haul trucks. Water and/or leachate may be spread on the landfill if needed for additional dust suppression. Landfill operations may be temporarily suspended if wind speeds are greater than 45 mph, again, dependent on other mitigating conditions (rain, etc.) On areas where CCR will not be immediately placed or on areas subject to equipment traffic, non-CCR material may be spread to seal the area in order to minimize fugitive dust. As areas of the landfill are brought to grade, the final cover system will be installed, effectively eliminating the possibility of CCR fugitive dust emission from these capped and revegetated areas.

Record of Citizen Complaints

Receipt of CCR ceased in May of 2019. NMRDF did not received any complaints due to CCR dust emissions from this facility in 2019. A log for recording citizen complaints is attached (Attachment 1). Log entries include data and time of complaint, name and telephone number of person making complaint, location of reported fugitive dusting event, corrective measures taken, and current weather condition parameter estimates (including wind speed and direction, temperature, relative humidity, etc.)

Corrective Actions and Amendment of Plan

There was no corrective action taken nor amendments to the Fugitive Dust Control Plan made in 2019.

Annual Fugitive Dust Report

NMRDF will prepare an annual CCR fugitive dust control report (to be completed and posted by December 10th of each year) that includes a description of the actions taken by the owner or operator to control CCR fugitive dust, a record of all citizen complaints, and a summary of any corrective measures, if any, taken.

Report Completed by: Frederick Nassar, Environmental Protection Manager, WMIF

Date: 12/3/2019

NMRDF CCR Fugitive Dust Complaint Log

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