

Section 5 **Inspections**

Section 5 of this permit addresses the following regulatory sections:
R315-319-84;

5.0 Introduction

The SCA#2 Ash Landfill is an existing CCR Landfill and operates in accordance with federal and state regulations pertaining to existing CCR Landfills.

Periodic inspections of the SCA#2 Ash Landfill are conducted by a qualified person as follows:

- Weekly Inspections are conducted at intervals not exceeding seven days. Inspections include any appearances of actual or potential structural weakness and other conditions which are disrupting or have the potential to disrupt the operation or safety of the landfill.
 - The results of these weekly inspections are recorded in the facility's operating record as required by Subsection R315-319-105(g)(8).
 - SCA began these weekly inspections prior to October 19, 2015
 - A typical weekly inspection forms is included in Appendix 5-A
 - A typical inspector training log form is included in Appendix 5-B

- Annual inspections are conducted by a qualified professional engineer. These inspections are conducted to observe that the design, construction, operation, and maintenance of the landfill are consistent with recognized and generally accepted good engineering standards. These annual inspection include (at a minimum):
 - A review of available information regarding the status and condition of the landfill, including, but not limited to, files available in the operating record, e.g., the results of weekly inspections, and results of previous annual inspections; and
 - A visual inspection of the landfill to identify signs of distress or malfunction of the CCR unit.
 - SCA began conducting these annual inspections prior to January 18, 2016.
 - These inspections are conducted annually with the deadline to complete a subsequent annual inspection being 12 months after the prior inspection is completed. Any required inspection may be conducted prior to the required deadline provided SCA places the completed inspection report into the facility's operating record within a reasonable amount of time. In all cases, the deadline for completing subsequent inspection reports is based on the date of completing the previous inspection report. For purposes of Section R315-319-84, the owner or operator has completed an inspection when the inspection report has been placed in the facility's operating record as required by Subsection R315-319-105(g)(9).

- Annual Inspection report. The qualified professional engineer will prepare a report following each annual inspection that addresses the following:
 - Any changes observed in geometry of the structure since the previous annual inspection;
 - The approximate volume of CCR contained in the landfill at the time of the inspection;
 - Any observed appearances of an actual or potential structural weakness of the landfill, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the landfill; and
 - Any other observed change(s) which may have affected the stability or operation of the landfill since the previous annual inspection.

If a deficiency or release is identified during an inspection, SCA will remedy the deficiency or release as soon as feasible and prepare documentation detailing the corrective measures taken.

SCA will comply with the recordkeeping requirements specified in Subsection R315-319-105(g), the notification requirements specified in Subsection R315-319-106(g), and the internet requirements specified in Subsection R315-319-107(g).

APPENDIX 5-A

Weekly Inspection Form

SUNNYSIDE COGENERATION FACILITY
SCA #2 Ash Landfill Weekly Inspection Report

Inspectors Name _____ Date _____
 Inspectors Signature _____

Weather Conditions for the Week	Yes	No	Comments
Any Major Storms this Week			
Windy Conditions > 20 miles/hr			

Condition of SCA #2 Ash Landfill	Yes	No	Comments
Any erosion issues observed with ash landfill slopes			
Any appearance of instability or structural weakness			
Were all storm water measures and controls in place and effective			
Any issues observed with drainage ditches			
Were fugitive emissions controlled on ash landfill			
Does the ash landfill surface have positive drainage			
Is construction of landfill proceeding in accordance with approved plan			

Condition of Sedimentation Trap #1	Yes	No	Comments
Any problems observed with the inlet/outlet of the sediment trap			
Sediment levels within specs.			
Any noticeable erosion to sediment trap interior or exterior slopes			
Any substantial vegetation growth in sed trap or on embankment			
Any appearance of instability or structural weakness			

Condition of Sedimentation Pond #018	Yes	No	Comments
Any problems observed with the inlet/outlet of the pond			
Sediment levels within specs.			
Any noticeable erosion to pond interior or exterior slopes			
Any substantial vegetation growth in pond or on embankment			
Any appearance of instability or structural weakness			

Condition of Travel Roadways	Yes	No	Comments
Any noticeable erosion to roadways or adjacent cut/fill slopes			
Any issues observed with roadway ditches			
Were fugitive emissions controlled on roadway			

APPENDIX 5-B

Inspector Training Log

