

Sunnyside Cogeneration Associates

SCA #2 Ash Landfill

UDEQ CCR Landfill Permit

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Table of Contents

Section 1 Introduction, Permit Applicability and Public Notifications

Section 2 Site Stability / Location Selection

Section 3 Air Criteria

Section 4 Run-on / Run-off Control Plan

Section 5 Inspections

Section 6 Groundwater Monitoring and Corrective Action Plan

Section 7 Closure Plan

Section 8 Post Closure Plan

List of Appendices

Appendix 1-A	Carbon County Conditional Use Permit
Appendix 1-B	Utah State Groundwater Permit
Appendix 1-C	Utah State Construction Permit
Appendix 1-D	Utah State Approved Construction Drawings
Appendix 2-A	Geotechnical Engineering Report – PSI April 2012
Appendix 3-A	Title V Air Quality Permit
Appendix 4-A	Hydrology Calculations
Appendix 4-B	Hydrologic Drawing
Appendix 4-C	State Engineer –Stream Alteration Permit for Sediment Pond #018
Appendix 4-D	State Engineer – Dam Permit for Sediment Pond #018
Appendix 5-A	Weekly Inspection Form
Appendix 5-B	Inspector Training Log
Appendix 6-A	Background Sampling 2012-2013: MW8
Appendix 6-B	Monitor Well Installation 2015: MW9, MW10
Appendix 6-C	Monitor Well Installation 2015: MW11
Appendix 6-D	Background Sampling 2015-2017: MW8, MW9, MW10, MW11
Appendix 6-E	SCA Ash Leachate Analysis

Section 1
Introduction, Permit Applicability and Public Notifications

Section 1 of this permit addresses the following regulatory sections:

R315-319-1;

R315-319-2;

R315-319-50;

R315-319-51;

R315-319-52;

R315-319-53;

R315-319-105;

R315-319-106;

R315-319-107;

1.0 Introduction

The Sunnyside Cogeneration Associates (SCA) power plant burns waste fuel, including waste coal materials, and provides dozens of jobs, both directly through plant operations, and indirectly through contractor positions and suppliers. SCA supplies electric power to the local power grid and is a major tax contributor to the local area. SCA is part of the overall mining and energy production industry which is an essential part of the local, state and global economy. Continued operation of SCA brings important social and economic benefits to the area. Removal of the waste fuel left behind by others through the past decades of mining in the area results in an efficient use of natural resources and reclamation of the existing refuse piles. Operations occur in a manner which protects air quality, surface waters and groundwater in the region.

1.1 Permit Applicability

Ash material from the SCA power plant is classified as a coal combustion residual (CCR) and is currently subject to certain federal regulations included with 40CFR 257 and certain Utah State regulations included in R315-319.

The Sunnyside Cogeneration Associates #2 Ash Landfill (SCA#2) meets the definition of an existing CCR landfill [R315-319-53 (21)]. It is located on private property owned by SCA in an area approximately 1 mile to the south east of the SCA power plant. The SCA#2 Ash Landfill began construction and began receiving CCR material prior to October 14, 2015 and continues to receive CCR. Necessary permits and approvals for the SCA#2 Ash Landfill were received prior to October 14, 2015.

Many of the regulations in R315-319 pertain only to new or existing CCR impoundments or to new CCR landfills or to a lateral expansion of the waste boundaries of a CCR unit made after Oct 14, 2015. These regulations are not applicable to an existing CCR landfill like the SCA#2 Ash Landfill and will not be addressed in this permit. [R315-319-60; R315-319-61 R315-319-62; R315-319-63; R315-319-70; R315-319-71; R315-319-72; R315-319-73; R315-319-74; R315-319-82; R315-319-83; R315-319-100; R315-319-101 a, b & c]

1.2 Operating Record

SCA will maintain records, provide notification and post documents to its publicly accessible website in accordance with R315-319-105, -106 and -107 regulations applicable to an existing CCR landfill.

SCA maintains a written operating record at its facility. The records are maintained for at least 5 years following from the date of each occurrence, measurement, maintenance, corrective action, report, record, or study. SCA will maintain the files either in hard copy and / or in electronic format.

The operating record will include information regarding the following:

- Documents demonstrating that the CCR unit is in compliance with location requirements under Subsection R315-319- 64(a).
- Design and construction plans, and revisions to these plans
- Fugitive dust control plan, and any subsequent amendment of the plan, required by Subsection R315-319-80(b), [The current plan will be maintained in the record irrespective of the time requirement specified in Subsection R315-319-105(b).]
 - Annual CCR fugitive dust control report required by Subsection R315-319-80(c).
- Initial and periodic run-on and run-off control system plans as required by Subsection R315-319-81(c).
- Documentation recording the results of the weekly inspection as required by Subsection R315-319-84(a). [note that weekly inspections are added to the operating record but do not require notice to the director or internet posting]
 - The periodic inspection report as required by Subsection R315-319-84(b)(2).
 - Documentation detailing the corrective measures taken to remedy a deficiency or release (if any) as required by Subsections R315-319-84(b)(5).
- Groundwater monitoring plan and corrective action documentation, as it becomes available:
 - The annual groundwater monitoring and corrective action report as required by Subsection R315-319-90(e).
 - Documentation of the design, installation, development, and decommissioning of any monitoring wells, piezometers and other measurement, sampling, and analytical devices as required by Subsection R315-319-91(e)(1).

- The groundwater monitoring system certification as required by Subsection R315-319-91(f).
- The selection of a statistical method certification as required by Subsection R315-319-93(f)(6).
- Within 30 days of establishing an assessment monitoring program, the notification as required by Subsection R315-319-94(e)(3).
- The results of appendices III and IV to Rule R315-319 constituent concentrations as required by Subsection R315-319-95(d)(1).
- Within 30 days of returning to a detection monitoring program, the notification as required by Subsection R315-319-95(e).
- Within 30 days of detecting one or more constituents in appendix IV to Rule R315-319 at statistically significant levels above the groundwater protection standard, the notifications as required by Subsection R315-319-95(g).
- Within 30 days of initiating the assessment of corrective measures requirements, the notification as required by Subsection R315-319-95(g)(5).
- The completed assessment of corrective measures as required by Subsection R315-319-96(d).
- Documentation prepared by the owner or operator recording the public meeting for the corrective measures assessment as required by Subsection R315-319-96(e).
- The semiannual report describing the progress in selecting and designing the remedy and the selection of remedy report as required by Subsection R315-319-97(a), except that the selection of remedy report shall be maintained until the remedy has been completed.
- Within 30 days of completing the remedy, the notification as required by Subsection R315-319-98(e).
- Closure Plan. The written closure plan, and any amendment of the plan, as required by Subsection R315-319-102(b). [The current plan will be maintained in the record irrespective of the time requirement specified in Subsection R315-319-105(b)].
 - SCA will place the following closure information in the facility's operating record, when it becomes available:
 - The written demonstration(s), including the certification required by Subsection R315-319-102(e)(2)(iii), for a time extension for initiating closure as required by Subsection R315-319-102(e)(2)(ii).

- The written demonstration(s), including the certification required by Subsection R315-319-102(f)(2)(iii), for a time extension for completing closure as required by Subsection R315-319-102(f)(2)(i).
- The notification of intent to close a CCR unit as required by Subsection R315-319-102(g).
- The notification of completion of closure of a CCR unit as required by Subsection R315-319-102(h).
- The notification recording a notation on the deed as required by Subsection R315-319-102(i).
- The notification of intent to comply with the alternative closure requirements as required by Subsection R315-319-103(c)(1).
- The annual progress reports under the alternative closure requirements as required by Subsection R315-319-103(c)(2).
- Post Closure Plan. The written post-closure plan, and any amendment of the plan, as required by Subsection R315-319-104(d). [The current plan will be maintained in the record irrespective of the time requirement specified in Subsection R315-319-105(b)].
 - SCA will place the following post-closure information in the facility's operating record, when it becomes available:
 - The notification of completion of post-closure care period as required by Subsection R315-319-104(e).

1.3 Notifications

SCA will send all notifications required under Subsections R315-319-106(e) through (i), which pertain to an existing CCR landfill, to the Director before the close of business on the day the notification is required to be completed. [For purposes of Section R315-319-106, before the close of business means the notification shall be postmarked or sent by electronic mail (email). If a notification deadline falls on a weekend or federal holiday, the notification deadline is automatically extended to the next business day.]

- Unless otherwise required in Section R315-319-106, the notifications specified in Section R315-319-106, which pertain to an existing CCR landfill, shall be sent to the Director within 30 days of placing in the operating record the information required by Subsection R315-319-105.
- SCA will notify the director when information identified in Section 1.2 above has been placed in the operating record and on SCA's publicly accessible Internet site.

1.4 Internet Site

SCA maintains a publicly accessible Internet site containing the information specified in Section R315-319-107 which pertains to an existing CCR landfill. The site is titled "CCR Rule Compliance Data and Information." www.sunnysidecogeneration.com

- Unless otherwise required in Section R315-319-107, the information required to be posted to the CCR Web site will be made available to the public for at least five years following the date on which the information was first posted to the CCR Web site.
- Unless otherwise required in Section R315-319-107, the information will be posted to the CCR Web site within 30 days of placing the pertinent information required by Subsection R315-319-105 in the operating record.
- SCA will post the information identified in Section 1.2 above in the operating record and on SCA's publicly accessible Internet site

APPENDIX 1-A

Carbon County Conditional Use Permit

APPENDIX 1-B

Utah State Groundwater Permit

APPENDIX 1-C

Utah State Construction Permit

APPENDIX 1-D

Utah State Approved Construction Drawings