



**U.S. DEPT. OF THE INTERIOR
OFFICE OF SURFACE MINING
Mine Site Evaluation
State Program**



1. Permittee/Person SUNNYSIDE COGENERATION ASSOCIATES		9. Permit Number C0070035	10. Permit Type PP
2. Address ONE POWER PLANT RD		11. Field Visit Date 1/24/2018	12. Purpose OP
3. City SUNNYSIDE		13. SRA Present Y	
4. State UT		14. Permit Status A	15. Site Status AP
5. Zip Code 84539	6. Phone Number (435) 888-4476	16. Facility Type EGL	
7. Operator Name, if Different than Permittee		17. OSM Office # 140	18. CCID #
8. Mine Name SUNNYSIDE COARSE REFUSE AND SLURRY		19. Land Code S	
		20. M.S.H.A. ID #	21. State Abbrev. UT
		22. County/Burrough CARBON	
		23. AVS Permittee Entity ID Number 128991	24. State Office

25. Hours	26. Signature Block	27. Reviewing Official:
		
	Signature Thomas Medlin, ID#562 Printed Name:	Signature
	Date: 1/31/2018	Review Date: 2/2/2018 mm - dd - yyyy
		Is Supplemental MSE Page Used Y/N <input checked="" type="checkbox"/> Y

Permit Type - Item 10 IP = Interim Program PP = Permanent Program NP = No Permit

Purpose Type Codes - Item 12
Oxx...Oversight Rfx. Reclamation Fees CCR. Citizen Complaint Referral (non-site visit)
Axx...Assistance Fxx. Federal Actions CC... Citizen Complaint (initial site visit)
CCF... Assistance

Joint Inspection - Item 13 A joint inspection is when a state inspector accompanies an OSM inspector at any time during the review of the mine site

Permit Status - Item 14

<p>A Active: Coal mining activities occurring or permitted but not yet disturbed.</p> <p>IN Inactive (Permanent Program Permit): Phase II completed or Temporary Cessation of Operations. (Interim Program Permit): Coal mining completed and reclamation activities initiated.</p> <p>BR Bond Release: Reclamation completed and State Regulatory Authority(RA) has released all of the bond (Phase III Release).</p>	<p>AB Abandoned: All surface and underground coal mining activities have ceased and operator has left the site without completing reclamation as defined in 30 CFR 840.11(g).</p> <p>AB1 Bond Forfeiture: Bond forfeiture officially in process or completed and reclamation in progress or not yet commenced.</p> <p>AB2 Partially Reclaimed Forfeiture: Forfeited site where all bonds have been used to reclaim site, but site not reclaimed to Program standards.</p> <p>AB3 Reclaimed Forfeiture: Forfeited site that has been reclaimed to Program standards.</p> <p>NA Not Applicable: When site is unpermitted.</p>
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Site Status - Item 15

<p>ND No Disturbance: No coal mining and reclamation operations have been started.</p> <p>EX Coal Exploration: Coal exploration operations have started and where coal mining operations have not begun.</p> <p>AP Active Coal Producing: Coal surface mining activities are occurring.</p> <p>AN Active Non-Producing: Active non-producing facility such as tipple or preparation plant.</p> <p>NM No Mining: The Permit Status is active, site is not in Temporary Cessation, no surface coal mining activity, and site not regraded.</p>	<p>MC Mining Complete: No mining activity on site, site regraded and awaiting bond release.</p> <p>TC Temporary Cessation: The RA has granted cessation of mining pursuant to 30 CFR 816/817-13(b).</p> <p>P1 Phase I Release: At least Phase I bond release granted for entire permitted area. For interim permits, partial bond release.</p> <p>P2 Phase II Release: At least Phase II bond release for the entire permitted area.</p> <p>P3 Phase III Release: Reclamation completed and the RA has released all bond.</p>	<p>NS Non-Site Visit: Status of site not determined.</p> <p>FP Forfeiture Pending: The RA is pursuing actions to revoke the permit, collect the performance bond(s), and/or reclamation of forfeited site is in progress.</p> <p>FR Forfeited and Reclaimed: Forfeiture reclamation completed.</p> <p>FO Abandoned Site: Abandoned site that is permitted but there is no bond.</p> <p>WC Wildcat: Coal mining and reclamation operations have or are taking place and the activity is not covered by the required permits from the RA.</p>
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Facility Type Codes - Item 16

<p>A...Surface</p> <p>B...Underground</p> <p>C...Preparation Plant</p>	<p>D...Ancillary (Haulroad, Conveyor, and/or Rails</p> <p>E...Refuse and/or Impoundment</p> <p>F...Loading Facility and/or Tipple</p> <p>G...Stockpiles</p>	<p>H...Exploration Permits</p> <p>I...Notice of Intent to Explore</p> <p>J...Exempt 16 and 2/3</p>
<p>K...Government Financed Construction Exemption</p> <p>L...Remining site permitted under 30 CFR 785.25</p>		

**Small Business Regulatory Enforcement Fairness Act (SBREFA)
Your Comments are Important**

The Small Business and Agriculture Regulatory Enforcement Ombudsman and 10 Regional Fairness Boards were established to receive comments from small businesses about Federal agency enforcement actions. The Ombudsman will annually evaluate the enforcement activities and rate each agency's responsiveness to small business. If you are a small business (a business with 500 or fewer employees including those of affiliates) and wish to comment on the enforcement or compliance activities of OSM, call 1-888-REG-FAIR (1-888-734-3247).

**U.S. DEPT. OF THE INTERIOR
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Mine Site Evaluation**

Permittee/ Person	SUNNYSIDE COGENERATION ASSOCIATES	Permit Number	C0070035	Field Visit Date	1/24/2018	State Program Continuation Page
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28. Performance Standard Categories

Codes: 1=Compliance, 2=Noncompliance, 3=Not Planned, 4=Not Started, 5=Noncompliance Identified Elsewhere, 6=Previously Cited, 7=Permit Defect

<p>A. Administrative</p> <p>1. <input type="checkbox"/> Mining within Valid Permit</p> <p>2. <input type="checkbox"/> Mining within Bonded Area</p> <p>3. <input type="checkbox"/> Terms & Conditions of Permit</p> <p>4. <input type="checkbox"/> Liability Insurance</p> <p>5. <input type="checkbox"/> Ownership and Control</p> <p>6. <input type="checkbox"/> Temporary Cessation</p> <p>7. <input type="checkbox"/> AML Rec. Fees - Non-Respondent</p> <p>8. <input type="checkbox"/> AML Rec. Fees - Failure to Pay</p> <p>B. Hydrologic Balance</p> <p>1. <input checked="" type="checkbox"/> Drainage Control</p> <p>2. <input type="checkbox"/> Inspections & Certifications</p> <p>3. <input checked="" type="checkbox"/> Siltation Structures</p> <p>4. <input type="checkbox"/> Discharge Structures</p> <p>5. <input type="checkbox"/> Diversions</p> <p>6. <input type="checkbox"/> Effluent Limits</p> <p>7. <input type="checkbox"/> Ground Water Monitoring</p> <p>8. <input type="checkbox"/> Surface Water Monitoring</p> <p>9. <input type="checkbox"/> Drainage - Acid-Toxic Materials</p> <p>10. <input type="checkbox"/> Impoundments</p> <p>11. <input type="checkbox"/> Stream Buffer Zones</p> <p>C. Topsoil & Subsoil</p> <p>1. <input type="checkbox"/> Removal</p> <p>2. <input type="checkbox"/> Substitute Materials</p> <p>3. <input checked="" type="checkbox"/> Storage and Protection</p> <p>4. <input type="checkbox"/> Redistribution</p>	<p>D. Backfilling & Grading</p> <p>1. <input type="checkbox"/> Exposed Openings</p> <p>2. <input type="checkbox"/> Contemporaneous Reclamation</p> <p>3. <input type="checkbox"/> Approximate Original Contour</p> <p>4. <input type="checkbox"/> Highwall Elimination</p> <p>5. <input type="checkbox"/> Steep Slopes (includes downslope)</p> <p>6. <input type="checkbox"/> Handling of Acid and Toxic Materials</p> <p>7. <input type="checkbox"/> Stabilization (rills and gullies)</p> <p>E. Excess Spoil Disposal</p> <p>1. <input checked="" type="checkbox"/> Placement</p> <p>2. <input checked="" type="checkbox"/> Drainage Control</p> <p>3. <input checked="" type="checkbox"/> Surface Stabilization</p> <p>4. <input type="checkbox"/> Inspections & Certifications</p> <p>F. Coal Mine Waste (Refuse Piles/Impoundments)</p> <p>1. <input type="checkbox"/> Drainage Control</p> <p>2. <input type="checkbox"/> Surface Stabilization</p> <p>3. <input type="checkbox"/> Placement</p> <p>4. <input type="checkbox"/> Inspections & Certifications</p> <p>5. <input type="checkbox"/> Impounding Structures</p> <p>G. Use of Explosives</p> <p>1. <input type="checkbox"/> Blaster Certification</p> <p>2. <input type="checkbox"/> Distance Prohibitions</p> <p>3. <input type="checkbox"/> Blast Survey/Schedule</p> <p>4. <input type="checkbox"/> Warnings & Records</p> <p>5. <input type="checkbox"/> Control of Adverse Effects</p>	<p>H. Subsidence Control Plan</p> <p>I. Roads</p> <p>1. <input checked="" type="checkbox"/> Road Construction</p> <p>2. <input type="checkbox"/> Certification</p> <p>3. <input checked="" type="checkbox"/> Drainage</p> <p>4. <input checked="" type="checkbox"/> Surfacing and Maintenance</p> <p>5. <input type="checkbox"/> Reclamation</p> <p>J. Signs & Markers</p> <p>1. <input checked="" type="checkbox"/> Signs</p> <p>2. <input checked="" type="checkbox"/> Markers</p> <p>K. Distance Prohibitions</p> <p>L. Revegetation</p> <p>1. <input type="checkbox"/> Vegetative Cover</p> <p>2. <input type="checkbox"/> Timing</p> <p>M. Postmining Land Use</p> <p>N. Other</p> <p>General Performance Category</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
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Performance Standard Categories 30 CFR Counterparts

<p>A. Administrative (816/817.71-74)</p> <p>1. Valid Permit 773.11</p> <p>2. Mining within Bonded Area 773.11</p> <p>3. Terms & Conditions of Permit 773.17</p> <p>4. Liability Insurance 800.60</p> <p>5. Ownership and Control 778.13</p> <p>6. Temporary Cessation 842.11(e) & 816/817.131</p> <p>7. AML Rec. Fees - Non-Respondent 870.15(b)</p> <p>8. AML Rec. Fees - Failure to Pay 870.15(a)</p> <p>B. Hydrologic Balance (816/817.41-57)</p> <p>1. Drainage Control 45</p> <p>2. Inspections & Certifications 49(a)(10)</p> <p>3. Siltation Structures 46</p> <p>4. Discharge Structures 47</p> <p>5. Diversions 43</p> <p>6. Effluent Limits 42</p> <p>7. Ground Water Monitoring 41(c)</p> <p>8. Surface Water Monitoring 41(e)</p> <p>9. Drainage-Acid - Toxic Materials 41(f)</p> <p>10. Impoundments 49</p> <p>11. Stream Buffer Zones 57</p> <p>C. Topsoil & Subsoil (816/817.22)</p> <p>1. Removal 22(a)</p> <p>2. Substitute Materials 22(c)</p> <p>3. Storage and Protection 22(c)</p> <p>4. Redistribution 22(d)</p> <p>D. Backfilling & Grading (816/817.95-107)</p> <p>1. Exposed Openings 816/817.13, 14, 15, & 823.11 & 21</p> <p>2. Contemporaneous Reclamation 100</p> <p>3. Approximate Original Contour 102(a)(1)</p> <p>4. Highwall Elimination 102(a)(2)</p> <p>5. Steep Slopes (includes downslope) 107</p> <p>6. Handling of Acid & Toxic Materials 102(c)</p> <p>7. Stabilization (rills and gullies) 95(b)</p>	<p>E. Excess Spoil Disposal (816/817.71-74)</p> <p>1. Placement 71(e)</p> <p>2. Drainage Control 71(f)</p> <p>3. Surface Stabilization 71(g)</p> <p>4. Inspections & Certifications 71(h)</p> <p>F. Coal Mine Waste (Refuse Piles/Impoundments) (816/817.81-84)</p> <p>1. Drainage Control 83(a)</p> <p>2. Surface Stabilization 83(b)</p> <p>3. Placement 83(c)</p> <p>4. Inspections and Certifications 83(d)</p> <p>5. Impounding Structures 84</p> <p>G. Use of Explosives (816/817.61-68)</p> <p>1. Blaster Certification 61(c)</p> <p>2. Distance Prohibitions 61(d)</p> <p>3. Blast Survey/Schedule 62-64</p> <p>4. Warnings & Records 66 & 68</p> <p>5. Control of Adverse Effects 67</p> <p>H. Subsidence Control Plan (817.121-122)</p> <p>I. Roads (816/817.150-151)</p> <p>1. Road Construction 150(c)</p> <p>2. Certification 151(a)</p> <p>3. Drainage 150(b)-151(d)</p> <p>4. Surfacing and Maintenance 150(e)-151(d)</p> <p>5. Reclamation 150(f)</p> <p>J. Signs & Markers (816/817.11)</p> <p>1. Signs 11(a),(b),(c)</p> <p>2. Markers 11(a),(b),(d),(e),(f)</p> <p>K. Distance Prohibitions (761.11)</p> <p>L. Revegetation (816/817.111-116)</p> <p>1. Vegetative Cover 111 & 116</p> <p>2. Timing 113</p> <p>M. Postmining Land Use (816/817.133)</p>
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**Denver Field Branch
Mine Site Evaluation Narrative**

Permittee: Sunnyside Cogeneration Associates
Operator: Sunnyside Cogeneration Associates
Site: Sunnyside Refuse and Slurry
Permit No: C/007/0035
Date of Inspection: January 24, 2018
Inspection Type: Oversight partial
Weather: Sunny, clear, and cold with soft ground conditions
Operator Representative(s): Rusty Netz
State Official(s): Steve Demczak, Division of Oil, Gas and Mining
OSMRE Official(s): Tom Medlin #562

Background

This was an oversight partial inspection at the Sunnyside Refuse and Slurry site in Carbon County, Utah. The permitted disturbance area is 196.65 acres. Prior to and following this inspection, I performed an administrative review of pertinent documentation including the 2016 Annual Report, recent water quality memoranda, various maps and drawings, and recent DOGM inspection reports.

Mine and Permit Identification Signs R645-301-521.241

The mine and permit identification signs were stationed at the appropriate points of public access and contained the required information. See Figure 1.

Perimeter Markers R645-301-521.251

Green and white-painted t-posts delineated the disturbed area perimeter. See Figure 2.

Roads R645-301-534.150

Access and haul roads throughout the site were in good repair, exhibiting positive drainage and stable, compacted construction. During the inspection a water truck was observed treating the road surfaces to control fugitive dust emissions. See Figure 3.

Topsoil Storage R645-301-234.230

The Coarse Refuse Toe Topsoil Stockpile and Storage Area #1 Topsoil Pile were inspected to ensure protection of the resource from wind and water erosion. Both stockpiles were stable, vegetated, and bermed; no issues were noted. See Figure 4.

Topsoil Markers R645-301-521.270

The topsoil marker associated with the Coarse Refuse Toe Topsoil Stockpile was in serviceable condition. The topsoil marker associated with the Storage Area #1 Topsoil Pile was faded to the point it could not be read from distance. The operator representative agreed to post a new marker on the Storage Area #1 Topsoil Pile. See Figure 5.

Noncoal Mine Waste R645-301-528.330

The site was tidy and free of uncontrolled noncoal mine waste.

Excess Spoil R645-301-528.310

Excess Spoil Disposal Area #2 accepts waste rock generated during the coarse refuse remaining process at Sunnyside. The pile was inspected for stability; no issues were observed. See Figure 6.

Sedimentation Ponds R645-301-742.220 et seq, and Drainage Control R645-301-742.423 et seq

The Railcut Sediment Pond, Coarse Refuse Toe Sediment Pond, Pasture Sediment Pond, and Coal Pile Sediment Pond and associated culverts and spillways were inspected to ensure their proper function in directing and treating surface runoff. The Coal Pile Sediment Pond was impounding a small amount of water; all other sediment ponds were dry. All ponds exhibited ample sediment storage capacity and stable embankments. All spillways and culverts were open and would function as designed. See Figures 7 and 8.

Cleanout material associated with the Coarse Refuse Toe Sediment Pond had been improperly stored adjacent to the pond, instead of hauled to the Excess Spoil Disposal Area #2 which has been designated and approved for this purpose. The operator representative agreed to relocate the material. See Figure 9.

Alternate sediment control in the form of filter fabric fencing with a trash rack, just upgradient of an 18" corrugated metal pipe, treats surface drainage associated with the Old Coarse Refuse Road Sediment Pond (Plate 7-1). The fencing was obstructed by tumbleweed which could interfere with its design-function during runoff events. The operator representative agreed to remove the tumbleweed. See Figure 10.

Maintenance Items

The operator representative agreed to relocate the cleanout material associated with the Coarse Refuse Toe Sediment Pond to its approved location within the permit area, replace the faded topsoil marker at the Storage Area #1 Topsoil Pile, and remove the tumbleweed that had accumulated at the filter fabric fencing associated with the Old Coarse Refuse Road Sediment Pond.

Enforcement Actions

No enforcement actions were taken as a result of this inspection, nor are any pending.

Photos:



Figure 1. Mine and permit identification signs.



Figure 2. Disturbed area perimeter marker.



Figure 3. Haul road.



Figure 4. Storage Area #1 Topsoil Pile.



Figure 5. Faded topsoil marker at Storage Area #1 Topsoil Pile.



Figure 6. Excess Spoil Disposal Area #2.



Figure 7. Coal Pile Sediment Pond.



Figure 8. Inlet culvert at Pasture Sediment Pond showing daylight at its receiving end.



Figure 9. Coarse Refuse Toe Sediment Pond with improperly stockpiled cleanout material (circled in red).



Figure 10. Filter fabric fencing at the Old Coarse Refuse Road Sediment Pond obstructed by tumbleweed.