



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Representatives Present During the Inspection:	
OGM	Priscilla Burton Environmental Scientist III
Company	Rusty Netz Environmental Coordinator

Inspection Report

Permit Number:	C0070035
Inspection Type:	TECHNICAL
Inspection Date:	Monday, January 22, 2007
Start Date/Time:	1/22/2007 1:00:00 PM
End Date/Time:	1/22/2007 2:30:00 PM
Last Inspection:	Tuesday, January 09, 2007

Inspector: Priscilla Burton, Environmental Scientist III

Weather: sun, 30 F

InspectionID Report Number: 1198

Accepted by: whedberg 
2/5/2007

Permittee: **SUNNYSIDE COGENERATION ASSOCIATES**

Operator: **SUNNYSIDE COGENERATION ASSOCIATES**

Site: **SUNNYSIDE REFUSE & SLURRY**

Address: **ONE POWER PLANT RD, PO BOX 159 SUNNYSIDE UT 84539**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

310.00	Total Permitted
202.00	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

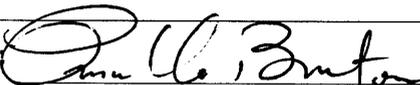
- Federal
 State
 County
 Fee
 Other

Types of Operations

- Underground
 Surface
 Loadout
 Processing
 Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Met with Rusty Netz to discuss the removal and stockpiling of cover soil from the surface of the east slurry cell berm prior to mining the coarse refuse in the berm.

Inspector's Signature: 

Priscilla Burton, Environmental Scientist III

Inspector ID Number: 37

Date: Tuesday, January 23, 2007

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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REVIEW OF PERMIT PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. *Substantiate the elements on this inspection by checking the appropriate performance standard.*
 - a. *For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.*
 - b. *For PARTIAL inspections check only the elements evaluated.*
2. *Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.*
3. *Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.*
4. *Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.*

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Topsoil

Plate 5-1 shows the surface facilities and the east slurry cell. Mr. Netz said that approximately two feet of soil cover from the adjacent borrow site was placed on the berm of the east slurry cell in 1993 by Sunnyside CoGeneration Associates as a fire control measure (see also Section 9.3 of the MRP). The mining of the east slurry cell is described in Sec. 526 and Plate 3-1 of the MRP. As described in App. 9-1, the mining plan has been to dispose of the non-combustible material in waste disposal areas (which correspond to the Borrow Material Storage Areas shown on Plate 5-1). The suitability of the east slurry berm cover is discussed in App.2-10 and 2-11. These appendices provide some documentation of the characteristics of the material, and conclude that if the material is carefully removed it may be suitable for re-use. Therefore, stockpiling the soil cover on the east slurry berm is in accordance with the approved plan.

According to Plate 5-1, the berm is approximately 1300 ft long and 150 ft wide and should yield 14,444 cu yds of soil (if the soil is 2 ft deep). Along one third of the berm's length, the soil has been removed and placed in a windrow on both east and west sides of the berm. As mining progresses, this soil along the length of the remainder of the berm will be removed and stockpiled. The stockpiled soil will remain in the windrow until the coarse refuse is mined down to native soil. The stockpiled soil will then be replaced over the area or remain stockpiled for use to reclaim another area of the site.

Presently, the windrowed soil is not protected from erosion by seeding, berm, or siltation structure. Mr. Netz indicated the mining of the berm may take six months and the length of time the soil would remain stockpiled was uncertain.

Preservation of this stockpiled soil will reduce the amount of borrow soil required at final reclamation. [Section 9.8.2 indicates there is 325,000 cubic yards required for final reclamation, but Plate 8-4 indicates there is 644,656 cubic yards required.] Therefore, I supported saving the soil cover for use as substitute topsoil during final reclamation. I supported the placement of the soil in windrows rather than a single stockpile. I stated that if the stockpiles were to be left indefinitely (over six months), they needed to be seeded and protected from erosion, according to plan as follows:

- Handling of topsoil on reclaimed areas and from undisturbed areas during operations is described in Section 232 of the Operation Plan.
- Interim reclamation of the stockpiled soil with an interim seed mix is described in Section 9.9.2 and Figure 9-1 of the Reclamation Plan.