



**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:	
Company	Rusty Netz Environmental Coordinator
OGM	Karl Houskeeper Environmental Scientist III

**Inspection Report**

Permit Number:	C0070042
Inspection Type:	COMPLETE
Inspection Date:	Thursday, August 14, 2008
Start Date/Time:	8/14/2008 8:00:00 AM
End Date/Time:	8/14/2008 12:00:00 PM
Last Inspection:	Thursday, July 17, 2008

Inspector: Karl Houskeeper, Environmental Scientist III

Weather: Clear, Temp. 82 Deg. F.

InspectionID Report Number: 1735

Accepted by: *[Signature]* jhelfric  
8/18/2008

Permittee: **SUNNYSIDE COGENERATION ASSOCIATES**  
 Operator: **SUNNYSIDE COGENERATION ASSOCIATES**  
 Site: **STAR POINT REFUSE**  
 Address: **ONE POWER PLANT RD, PO BOX 159 SUNNYSIDE UT 84539**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

152.81	<b>Total Permitted</b>
88.78	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

**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:**

Pending actions: No pending actions.

Inspector's Signature: \_\_\_\_\_

*[Signature: Karl Houskeeper]*

Date

Monday, August 18, 2008

Karl Houskeeper, Environmental Scientist III

Inspector ID Number: 49

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

**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The following permits were reviewed:

- Mining permit C/007/042 issued November 14, 2003 and expires November 14, 2008.
- UPDES permit #UTG040025 effective May 1, 2008 and expires midnight April 30, 2013 (under general permit UTG040000).
- Air Quality Permit DAQE-239-02 issued April 1, 2002, remains in effect.
- SPCC plan is not required.
- Certificate of Insurance effective 08/01/2008 and terminates 08/01/2009.
- Reclamation agreement is dated October 14, 2003 and signed by both parties.
- Storm Water Permit UTR000604, effective 01/01/07 and expires @ midnight 12/31/11 (under general permit UTR000000).

## **2. Signs and Markers**

The mine ID signs are located at the contact points of the public road to the permit area and contains all of the appropriate information. All other signs and markers observed during the inspection were in compliance with the approved MRP.

### **4.a Hydrologic Balance: Diversions**

A few diversion culvert inlets were plugged from a recent high intensity storm. Arrangments were made during the inspection to have the inlets cleaned.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The sediment ponds were inspected on June 25, 2008. The report (July 22, 2008) was P.E. certified, dated, and stamped.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

Several of the pre-sediment basins received heavy flows and sediment deposition from the recent high intensity storm events. The basins functioned as designed. Arrangements was made to clean the sediment basins out so that pre treatment from future storms will be effective.

## **7. Coal Mine Waste, Refuse Piles, Impoundments**

The refuse pile was inspected on June 25, 2007. The report (July 22, 2008) was P.E. dated, stamped, and signed by a registered P.E. in the State of Utah.

## **8. Noncoal Waste**

Several items of non-coal waste was observed throughout the site. The items need to be gathered and disposed of properly.

## **20. Air Quality Permit**

The air quality permit DAQE-239-02 was issued on April 1, 2002 and remains in effect.

Permit Number: C0070042  
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**21. Bonding and Insurance**

The bond is a collateral bond in the amount of \$1,375,737.31, as of December 31, 2006.

# 2007 Annual Report Review

**Permittee:** Sunnyside Cogeneration Associates  
**Mine Name:** Star Point Waste Fuel  
**Permit Number:** C/007/0042  
**Date Report Received:** May 12, 2008

**Assigned Reviewer:** Karl R. Houskeeper
**Date Completed**  
July 17, 2008

**Instructions:** The assigned inspector will review the Annual report during the third quarter complete inspection and provide a written determination (finding) on how the mine has or has not met the permit requirements for reporting. If the report is deficient or remedial action is required to obtain compliance, this should be noted and the mine lead notified. A copy of this review will be filed with the Inspection Report. Should any of the sections require additional technical analysis, the inspector will notify the permit supervisor so that it can be scheduled during the 4<sup>th</sup> quarter.

SECTIONS TO REVIEW	SUBMITTED			FINDINGS
	YES	NO	NA	

Cover Sheet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The standard cover sheet developed by the Division was not used. The report has the same information provided as a table of contents.
General Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Identification of other Permits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The report contains all four quarters 2007 of inspections in addition to the annual/fourth qtr.2007 inspection and certification.
Annual Overburden, Spoil, Refuse, Floor, etc. Certified Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The report contains all four quarters 2007 of inspections in addition to the annual/fourth qtr.2007 inspection and certification.

Annual Technical Requirements (Commitments)				
Climatological	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Subsidence	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Vegetation monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Raptor Survey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Soils Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Geological/Geophysical	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Engineering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SCA excavated 209,751 tons of waste from the Star Point refuse pile.
Non-Coal Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Abandoned Underground Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Certificate of existence from Utah Department of Commerce, Appendix C.
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Contour elevations show site condition as of 4/07, contours based on aerial survey. Photo insert taken on 10/20/2007. Map is P.E. certified. Proposed future excavation is contained in the MRP.

# 2007 Annual Report Review

Other Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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