



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

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INSPECTION REPORT

INSPECTION DATE & TIME: 11/25/91, 12:00 pm to 4:30 pm
11/26/91, 7:00 am to 1:30 pm

Permittee and/or Operators Name: Sunnyside Coal Company (SCC)
Business Address: PO Box 99, Sunnyside, Utah 84539
Mine Name: Sunnyside Mine Permit Number: ACT/007/007
Type of Mining Activity: Underground X Surface Other
County: Carbon
Company Official (s): Karl Housekeeper
State Official(s): Henry Sauer
Partial: Complete: X Date of Last Inspection: 10/2/91
Weather Conditions: Clear and Cold
Acreage: Permitted 14475 Disturbed 310 Regraded 0 Seeded 0
Bonded 287 Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	()
3. TOPSOIL	(X)	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	(X)
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	(X)	()	()	()
5. EXPLOSIVES	()	()	(X)	()
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	(X)	()	()	()
7. COAL PROCESSING WASTE	(X)	()	()	()
8. NONCOAL WASTE	(X)	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	()
10. SLIDES AND OTHER DAMAGE	(X)	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	(X)
12. BACKFILLING AND GRADING	(X)	()	()	()
13. REVEGETATION	(X)	()	()	(X)
14. SUBSIDENCE CONTROL	(X)	()	()	()
15. CESSATION OF OPERATIONS	(X)	()	()	()
16. ROADS				
a. CONSTRUCTION	()	()	(X)	()
b. DRAINAGE CONTROLS	(X)	()	()	()
c. SURFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	(X)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	(X)

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PERMIT NUMBER: ACT/007/007

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(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS

The UPDES permit, revised January 24, 1989, changed the total dissolved solids limitation for all mine discharges from 2,000 lbs./day to 14,000 lbs./day.

On November 5, 1991, the permittee submitted a permit amendment for temporary coarse refuse storage in an area commonly referred to as Sacco Flats.

The deadline for submission of sediment pond designs required under Division Order #DO-91B was extended until January 15, 1992. See letter from Lowell Braxton (DOGM) to Joe Fielder (SCC) dated October 16, 1991.

The liability insurance has been revised as of September 26, 1991. The following underlined text are the changes made: ...changed and/or cancelled before expiration date thereof. The issuing company will mail 45 days certified written notice...

The permittee was informed that the liability insurance expires December 2, 1991.

The following records were reviewed and found in good order: proof of insurance; reclamation bond; third quarter water monitoring; third quarter UPDES reports. Additionally, the UPDES reports for Environmental Power Corporation were reviewed.

4b. HYDROLOGIC BALANCE: DIVERSIONS

The following drainage maintenance items must be performed prior to the next state inspection:

- Item #1 The drainage ditch below the Preparation Plant office must be cleaned of sediments.
- Item #2 The diversion ditch adjacent to the gasoline tanks, in the vicinity of the No. 2 Canyon, must be cleared of temporarily stored refuse.

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- Item #3 A gully near the #1 Belt Drive House has formed as a result of wash down procedures. A culvert has been installed to channel water off the Belt House Pad, however, no outlet protection has been provided. I informed the permittee that outlet protection must be provided to prevent further headcutting and that an amendment must be submitted to the Division for approval.
- Item #4 A berm and/or drainage controls must be constructed near the old emulsion house to prevent water from cascading over the outslope of the emulsion house pad.
- Item #5 The outside berm of the manshaft Road adjacent to the #1 sewer line needs to be patched in a small section.

The culvert below the No. 2 Canyon Material Storage Yard was plugged with sediments. The permittee, during the inspection, unplugged the culvert.

As outlet protection and energy dissipation for a few diversions, the permittee has utilized coal refuse as riprap. It was noted that much of the refuse was slaking. Therefore, if the permittee chooses to utilize refuse as riprap, then each batch of refuse must be tested for durability using an accepted procedure.

4c. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The Old Refuse Sediment Pond has been partially cleaned out.

In a letter from Gary Gray (SCC) to Mike Herkimer representing the Bureau of Water Pollution Control (BWPC), dated October 11, 1991, the permittee agreed to implement four practices in an attempt to reduce the TSS from UPDES discharge 002B. One plan was to place 002A and 002B in series via an eight-inch connecting pipe to increase retention time. The permittee informed me that the designs had flaws (i.e., the spillway leaks when the water level in Pond #002A is high). Regardless, the BWPC must be made aware of the inability of the permittee to fulfill item one of the agreement. However, this writer believes that increasing the detention time may greatly decrease TSS in 002B outfall and should be pursued.

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4d. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The silt fences in the No. 2 Canyon channel below the gallery belt must be repaired and maintained. The permittee sent a letter to me, dated 12/4/91, regarding the ongoing deposition of wind borne coal fines in the channel. The permittee proposed the construction of a series of arches to protect the channel from coal fine deposition. Additionally, the letter indicated that SCC would submit an amendment to the plan in order to remedy the situation.

The permittee is in the process of submitting an amendment to the Division for drainage controls in and around the Loop Switch Area.

4e. HYDROLOGIC BALANCE: SURFACE AND GROUNDWATER MONITORING

In a letter from Don Ostler, Water Pollution Control Committee, dated May 29, 1991 to the permittee, the request to delete UPDES Permit #0022942 Outfall #005 was granted.

Karl Housekeeper informed me that the Coarse Refuse Source (CRS) spring was no longer being monitored and that it was never required to be monitored. However, within the permit (i.e., page III-6 and III-41, revised July 17, 1991) the permittee commits to sampling CRS and adding flocculent to reduce the dissolved iron content when necessary. In the past, as well as recently, water quality analyses performed on samples derived from the CRS sample point and the Coarse Refuse Boundary sample point indicate exceedingly high concentrations of total iron (ranges = < .01 mg/L - 19.2 mg/L) and manganese (ranges = .02 mg/L - 2.22 mg/L). Therefore, this water monitoring point must be reinstated into the water monitoring scheme.

11. CONTEMPORANEOUS RECLAMATION

The reclamation at Water Canyon has not been finalized (see comments in the inspection report of September 12 & 13, 1991, item 3, Topsoil). However, interim seeding and mulching of the area has been accomplished as interim erosion control.

The gullies on the outslope of the Old Coarse Refuse Road and Sacco Flat Pad, mentioned in the September 12 & 13, 1991 inspection report, have been backfilled, seeded and mulched.

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The construction of sewer line #1 has been completed. The area has been backfilled, seeded, and mulched.

13. REVEGETATION

The embankments of the Borrow Area Pond have been refertilized this past month.

18. SUPPORT FACILITIES AND UTILITY INSTALLATIONS

Cinder block containment structures have been constructed for the back up motor gas tanks at the Whitmore and the No. 3 Exhaust Fan.

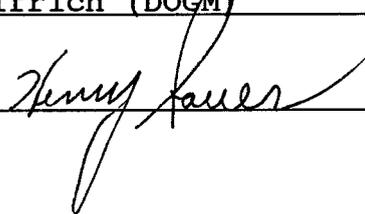
The permittee informed me of the plans to reactivate the old loadout for raw coal. This will also require the construction of a rail spur. No new surface disturbance is planned and the only new facility will be the rail spur.

Copy of this Report:

Mailed to: Bernie Freeman (OSM), Karl Housekeeper (SCC)

Given to: Joe Helfrich (DOGM)

Inspectors Signature: _____



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Date: 12/5/91