

0008



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

Michael O. Leavitt  
Governor  
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Partial: X Complete:      Exploration:       
Inspection Date & Time: 10/26-28/93  
Date of Last Inspection: 9/15-17/93

Mine Name: Sunnyside Coal Mine County: Carbon Permit Number: ACT/007/007  
Permittee and/or Operator's Name: Sunnyside Coal Company (SCC)  
Business Address: PO Box 99, Sunnyside, Utah 84539  
Type of Mining Activity: Underground X Surface      Prep. Plant      Other       
State Official(s): Henry Sauer, Ken Wyatt  
Company Official(s): Gary Gray, Chuck Rempes  
Federal Official(s):       
Weather Conditions: Clear, cold and windy  
Existing Acreage: Permitted-14475 Disturbed-310 Regraded-0 Seeded-0 Bonded-310  
Increased/Decreased: Permitted-     Disturbed-     Regraded-     Seeded-     Bonded-      
Status:      Exploration/ X Active/      Inactive/      Temporary Cessation/      Bond Forfeiture  
Reclamation (     Phase I/      Phase II/      Final Bond Release/      Liability      Year)

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

#### Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 VALUES	<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. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. 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 (4th Quarter-April, May, June)_____ (date)	<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 & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/007/007

DATE OF INSPECTION: \_\_\_\_\_

(Comments are Numbered to Correspond with Topics Listed Above)

## 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The majority of the duration on site was dedicated to conducting a survey to define the flow pattern underneath the Coarse Refuse Pile (CRP). A resistivity array was established to search for areas of high conductance relative to the surrounding area. The theory being that regions within the CRP which contained a relatively high water content would be detected. A preliminary review of the data indicates an anomaly on the northern extreme of the CRP. Additional analysis and plotting will be forthcoming.

## 4. HYDROLOGIC BALANCE:

### a. DIVERSIONS

While on site the week of October 18, 1993 (conducting ground surveys) and as observed during this inspection, precipitation had accumulated on some of the CRP terraces. NOV N93-32-5-2, part 2 of 2 was written subsequent to last months inspection for "Failure to maintain diversion structures". The portion of the operation to which the violation applies was the Coarse Refuse Pile (CRP) 100 yr.-6 hr. drainage system. The original subject (see 9/93 inspection report) of this violation was the main diversion ditch on the south end of the CRP. Subsequent to the observations made during this partial inspection NOV N93-32-5-2, part 2 of 2 was modified to include drainage off the terraces. The abatement is to construct the terrace so that they drain surface water. The abatement deadline was put at no later than 5:00 p.m. November 19, 1993.

### d. WATER MONITORING

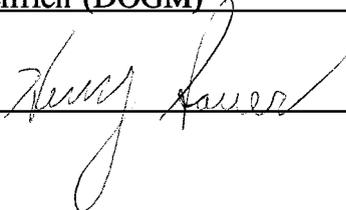
The undersigned inspector requested copies of the water monitoring lab sheets for the coarse refuse seep (CRS) and the coarse refuse boundary (CRB) monitoring locations. After review of these laboratory results and review of the third quarter water monitoring summary it was determined that the August 1993 results from the CRB were incorrectly entered under the CRS. The permittee has submitted (November 1, 1993) a corrected spread sheet to replace the incorrect summary.

Copy of this Report:

Mailed to: Bernie Freeman (OSM), Gary Gray (SCC)

Given to: Joe Helfrich (DOGM)

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



# \_\_\_\_\_ Date: \_\_\_\_\_