



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

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Partial:  Complete:  Exploration:   
Inspection Date & Time: 6/20/94, 10:30am to 4:00pm; 6/21/94, 8:00am to 6:00pm  
Date of Last Inspection: 5/11/94

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 Officials(s): Henry Sauer Company Official(s): Darrel Leonard, Jim Semborsky  
Federal Official(s): None

Weather Conditions: Clear and warm  
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

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 N/A.
  - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing 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, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" 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 VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. 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 checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



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PERMIT NUMBER: ACT/007/007

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(Comments are Numbered to Correspond with Topics Listed Above)

### 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Mr. Leonard informed me that Sunnyside Coal Company (SCC) has submitted a reorganization plan to the Bankruptcy Court. According to Mr. Leonard, the proposal has not been accepted to date. The reorganization plan calls for the sale of all available property (individual sales greater than 50,000 dollars must have prior approval from the court) and reclamation of the site performed by SCC.

### 2. SIGNS AND MARKERS

The mine identification signs at the main entrance gate were in place at the time of the inspection and clearly legible. Disturbed area markers are placed in various locations along cutslopes and road fills. Some markers are located at the base of a cut slope, others are located in the middle or top. The placement of these markers should be consistent throughout the site and accurately represent the disturbed area boundary.

### 3. TOPSOIL

Topsoil stockpiles have not been moved and redisturbance of topsoil material has not occurred. No on-site activities are occurring to identify suitable topsoil material for final reclamation.

### 4. HYDROLOGIC BALANCE:

#### a. DIVERSIONS

The culvert immediately down canyon of the No. Two Canyon Blasting Cap Magazine which directs undisturbed drainage under the pad had been removed. The culvert was completely filled with sediments. The operator was not planning on replacing the culvert and instead planned on leaving the excavated trench. I informed Mr. Leonard that an adequately sized culvert must be reinstalled. An adequately sized culvert has been reinstalled.

The berm above the lower access gate must be reestablished.

The berm southwest of the shop must be reestablished. The berm was destroyed when underground mine machinery was placed in the area.

The air ducts in the undisturbed channel at the bottom of the No. Two Canyon must be removed.

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### b. SEDIMENT PONDS AND IMPOUNDMENTS

A crew was on site during the inspection surveying the Hoist House Sedimentation Pond.

The First Quarter of 1994 Pond Inspection was conducted by John S. Huefner P.E. on March 27, 1994.

### c. OTHER SEDIMENT CONTROL MEASURES

The silt fences for the Whitmore Fan ASCA and the top of the SSSF Sedimentation Pond require minor maintenance.

The silt fences in the vicinity of the Out Crop Fan must be repaired. The fences are functioning properly. The operator must replace torn portions of the fabric and remove sediments which have built up behind the fences.

### d. WATER MONITORING

Notice of Violation N94-32-1-1 was issued for failure to comply with the terms and conditions of the approved plan: failure to conduct water monitoring as required in the approved plan. The NOV applies to the following: first quarter UPDES and biomonitoring for outfall #001; February, 1994 water monitoring locations GT-2 thru GT-4, ICE-1, No. 3 Slope Sump, No. One Slope Sump, Pole Canyon Shaft, 18th Left Inside, Manshaft Dip Sump, 15th Right Sump; March, 1994 water monitoring locations GT-2 thru GT-4; ICE-1. Based on conversations with mine personnel and correspondence from Mr. Bob Burnham (SCC) to the Division of Water Quality (dated May 20, 1994), the samples were delivered and analyzed by the laboratory. However, results were not released because of SCCs' outstanding unpaid balance to the laboratory.

The undersigned inspector field sampled the South Embankment of the East Slurry Cell Seep at 3:50pm on 6/20/94. The results are as follows: Temperature = 75° Fahrenheit; pH = 2.5; Specific Conductance = 18,000 umhos/cm, Discharge = < 0.25 gallons/minute.

The undersigned inspector field sampled the Coarse Refuse Seep (immediately below the upper weir) 5:00pm on 6/21/94. The results are as follows: Temperature = 80° Fahrenheit; pH = 6.65; Specific Conductance = 3040 umhos/cm; Weir Gauge Reading = 0.14; Discharge = 8.5 gpm.

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The undersigned inspector field sampled the Coarse Refuse Seep (immediately above the culvert weir) 5:20pm on 6/21/94. The results are as follows: Temperature = 69.2° Fahrenheit; pH = ---; Specific Conductance = 3650 umhos/cm; Weir Gauge Reading = 0.28; Discharge = 48 gpm.

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

Approximately 3,000 cubic yards of coal waste have been removed from below the Hoist House. The material was placed in SCAs' permit area.

### 8. NONCOAL WASTE

Crushed fifty five gallon drums were observed throughout the No. Two Canyon Yard. Prior to the end of the inspection these crushed drums were placed in the noncoal waste storage area.

Mr. Leonard informed me that the diesel tank in No. Two Canyon was removed by Terry Marasco representing Castle County Oil Company.

The 10,000 gallon water truck and parts of a haul truck which were formally stored in the Sacco Flats Material Storage Area have been moved and placed next to the Old Reclaim Building.

### 9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES

Mr. Leonard informed me that the SCC had received a bid from JBR Consultant Group Inc. to remove all used oil, solvents, etc. from the mine site. During the inspection, two employees of JBR were on site sampling the contents of the fifty five-gallon drums in the No. Two Canyon Storage Yard.

All responsible parties for implementing and maintaining the Spill Prevention and Countermeasure (SPCC) Plan are no longer employed by SCC. The SPCC must be revised and approved by the appropriate agencies.

### 11. CONTEMPORANEOUS RECLAMATION

The status of the Fan Canyon was checked. Currently straw bales and silt fences (installed last year) are in place and appear to be functional. The backfilling and grading, which was performed in the Fall of 1993, requires additional earth moving. This would include but not be limited to the following: complete backfilling of the portal face-up area; adequate

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burial of the coal waste; excavation and armoring of the main channel; reworking the main channel immediately below the disturbed area.

### 12. BACKFILLING AND GRADING

The Outcrop Fan Road and Facilities were observed. There are six open portals and one shaft located at the Outcrop Fan. The shaft location is unknown. Mr. Leonard informed me that it is located within the Outcrop Fan Facilities Area. However, there were no obvious signs of its existence. The access road from the property gate to the facility is 1.3 miles long. Many ephemeral drainages, including the main drainage have been filled in with spoil, refuse and trash. The cutslopes of the road and the portal face-ups are primarily composed of poorly sorted colluvial material derived from sandstone. Some face-ups are approximately sixty feet high.

### 15. CESSATION OF OPERATIONS

Mr. Leonard informed me of the following: On May 25, 1994, underground pumps were shut off; On May 27, 1994 underground power was shut off; On May 31, 1994 all power to the Sunnyside Mine Facilities was shut off and the last discharge into Grassy Trail Creek from UPDES Outfall #001 occurred.

The majority of the open portals have been marked with KEEP OUT tape and/or signs.

### 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The majority of the pit cars have been sold and removed from the site.

Adjacent to the thickener pond, two underground storage tanks exist. Previous to this inspection, this writer was unaware of their presence. Mr. Leonard did not know the size, design or status of the tanks. The tanks were used for alcohol and kerosene.

The valve on the longwall oil tank on the Manshaft Pad has been closed.

### 21. BONDING & INSURANCE

The liability insurance, according to the documents provided, is up to date and current.

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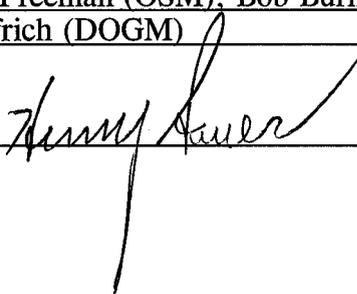
DATE OF INSPECTION: 6/20/94

Copy of this Report:

Mailed to: Bernie Freeman (OSM), Bob Burnham (SCC)

Given to: Joe Helfrich (DOGM)

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



#32 Date: July 1, 1993