



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

027

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INSPECTION REPORT

Partial: \_\_\_ Complete: X Exploration: \_\_\_  
Inspection Date & Time: August 19, 1999  
Date of Last Inspection: July 13, 1999

Mine Name: Gordon Creek Mines 2, 7 & 8 County: Carbon Permit Number: ACT/007/016  
Permittee and/or Operator's Name: Mountain Coal Company  
Business Address: P.O. Box 591 Somerset, Colorado 81434  
Type of Mining Activity: Underground X Surface \_\_\_ Prep. Plant \_\_\_ Other \_\_\_  
State Official(s): David Darby  
Company Official(s): Chris Hansen, Dan Guy  
Federal Official(s): None  
Weather Conditions: Clear, warm  
Existing Acreage: Permitted- 2289 Disturbed- 0 Regraded- 17.2 Seeded- 17.2 Bonded- 17.2  
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 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 type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<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 checked="" 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 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. 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: ACT/007/016

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DATE OF INSPECTION: August 19, 1999

(Comments are Numbered to Correspond with Topics Listed Above)

### GENERAL COMMENTS

I met Chris Hansen and Dan Guy at the minesite. The main purpose of the inspection was to evaluate the site with Cris so he could be informed and give direction to any issues outstanding. We walked to all areas of the reclaimed site.

#### 2. Signs and Markers

Signs are in place identifying the minesite. No trespass signs are hanging on the fence.

#### 3. Topsoil

Sharon Falvey and Bob Davidson were on site, but not part of the inspection. They were collecting soil samples to establish their erodibility potential. The information will be evaluated to establish a K factor for the RUSTLE soil loss equation. It is intended to be presented at a conference and used to compare with other reclaimed mines.

#### 4. Hydrology

##### a. Diversions

Diversions SD-4, SD-5 and SD-6 had been reconstructed to a greater depth to accommodate the 10year-6 hour runoff event. Riprap had been placed on the sides of the channel of SD-5. Dan gave me a set of as-built cross-sections and information showing the channels were sized using a curver number to reflect antecedent moisture conditions. I took the designs to review. I expressed concerns to Chris that the riprap should be placed to protect the channel.

##### b. Sedimentation Pond and Impoundments

The sedimentation pond contained runoff, but was only about one-third full. It appeared to be functioning properly.

##### c. Other Sediment Control Measures

We observed the rock weirs placed along the access road. The collection basins above the weirs had been dug out so that they were about 6 feet deep. The excavated material was placed on the road adjacent to the basin. Dan stated the material was placed there to prevent vehicles from driving into the hole. I was not worried that the material would run down the road. I thought that any material would be captured by another weir structure.

Copy of this Report:

Mailed to: James Fulton (OSM/Denver), Chris Hansen (CFC), Dan Guy (Blackhawk Engineering)

Given to: Pam Grubaugh-Littig (DOGM)

Inspector's Signature: David Darby #47 Date: August 26, 1999

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e. Effluent limitations

There have been no known discharges from the sedimentation pond during this quarter.

12. Backfilling and Grading

The roughening of the road surface to eliminate the ruts has helped provide runoff control and reduce trespass by vehicle. It was noted that some rainstorms had occurred since the last visit and some sediment had deposited in the gouges.

13. Revegetation

Chris and I hiked up the #8 Minesite. There is a good growth of vegetation over the upper mine area. There is a large population of alfalfa and clover in the lower minesite. We did not observe the growth of many shrubs or woody plants.

18. Support Facilities and installations.

I mentioned to Dan and Chris that they should consider completing the work necessary to get Sweets Pond removed from the permit. Dan mentioned that the vegetation data had been collected by Rick Collins and that action needed to be taken.

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Given to: Pam Grubaugh-Littig (DOGM)

Inspector's Signature: *David Darby* David Darby #47 Date: August 26, 1999