

0011



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

0027

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INSPECTION REPORT

Partial: XXX Complete: Exploration:
Inspection Date & Time: 05/16/2002 / 11:00 pm -4:30 pm
Date of Last Inspection: 04/10/2002

Mine Name: Gordon Creek 2, 7, & 8 County: Carbon Permit Number: C/007/016
Permittee and/or Operator's Name: Mountain Coal Company
Business Address: HC 35 Box 380, Helper, Utah 84526
Type of Mining Activity: Underground XXX Surface Prep. Plant Other
Company Official(s): Dan Guy
State Official(s): Joe Helfrich Federal Official(s): None
Weather Conditions: Sunny, 60
Existing Acreage: Permitted 180 Disturbed 20.3 Regraded Seeded
Status: Active Reclamation XXX

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 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 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 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 type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input checked="" 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 (4 th Quarter- April, May, June)	<input type="checkbox"/>	<input checked="" 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)

PERMIT NUMBER: C/007/016

DATE OF INSPECTION: 05/16/2002

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permit for this reclaimed site was renewed effective August 28, 1999. There are two amendments pending, #BR01B, Phase I bond release. The technical analysis describing ten deficiencies was sent to Chris Hansen on February 27, 2002. A response to the TA was due to be submitted on May 15, 2002, and #AM02A, (Rock Gabion removal) submitted on March 13, 2002. The amendment was reviewed by Division staff (Joe Helfrich and Dave Darby). The TA contained one deficiency. That deficiency is: **R645-301-731 and 752.220**, The applicant was required to demonstrate that no additional contributions of suspended solids is occurring in the receiving stream channel and prevent material damage outside the permit area, prior to removing the silt fence or straw bale sediment control structure applicant needs to demonstrate that Water quality and effluent limitations-discharges comply with federal and state water quality laws and regulations.

The best method to assess sediment loading from the site is to compare runoff containing sediment loads from the Fan Portal area to sediment loads to the reference area. The applicant can also use the background comparison method to check the sediment load from the Fan Portal area with the sediment load of the receiving stream. Flow must be in the stream channel. A storm greater than the 2 yr-6 hr event is required before a comparison can be made. The applicant can measure the stream above the sedimentation pond as a comparison point, since the sedimentation contains all the flow from the canyon.

2. SIGNS AND MARKERS

The identification sign located at the main access at the end of the county road was legible and in good repair.

4A. HYDROLOGIC BALANCE: DIVERSIONS

The snow has completely melted since the previous inspection.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

On the day of this inspection, the three-celled pond was in good repair and functioning properly. The site has remained unchanged since the previous inspection.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The current plan makes several references to silt fences as the primary sediment control structures for the fan portal area. These references should be removed from the MRP since they have been replaced with gabions.

INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/016

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4D. HYDROLOGIC BALANCE: WATER MONITORING

During the inspection, Dan and I discussed sampling locations for the reclaimed fan portal area. The Division has requested that the operator demonstrate that the reclaimed area can meet the effluent of the reference area and not impact receiving waters outside the reclaimed area. The drainage just below the reference area, the lower end of the diversion ditch below the reclaimed fan portal area, and the diversion ditch down stream from the reclaimed area before it enters the North Fork of Gordon Creek were selected as possible sampling locations.

Inspector's Signature: _____


Joseph C. Helfrich #1

Date: May 20, 2002

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

cc: James Fulton, OSM
Chris Hansen, Canyon Fuel Company
Dan Guy, Blackhawk Engineering
Price Field office

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