



# State of Utah

## INSPECTION REPORT

0371  
Jan

Norman H. Bangertter  
Governor  
Dee C. Hansen  
Executive Director

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Complete:  Exploration:   
Inspection Date & Time: 9/30/92, 10:00 to 13:00  
Date of Last Inspection: 8/27/92

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84100-1203  
801-538-5540

Diana P. Niemi, Ph.D.  
Division Director

Mine Name: Boyer Mine County: Summit Permit Number: INA/043/008

Permittee and/or Operator's Name: Summit Coal Co.

Business Address: P.O. Box 646, Coalville UT 84017

Type of Mining Activity: Underground  Surface  Prep. Plant  Other

State Official(s): Priscilla Burton, Sharon Falvey

Company Official(s): none present

Federal Official(s): none present

Weather Conditions: sunshine, mild

Existing Acreage: Permitted- 170 Disturbed- 5.5 Regraded- 0 Seeded- 0 Bonded- 5.5

Increased/Decreased: Permitted-  Disturbed-  Regraded-  Seeded-  Bonded-

Status:  Exploration/  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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

Page 2 of 2

PERMIT NUMBER: INA/043/008

DATE OF INSPECTION: 9/30/92

(Comments are Numbered to Correspond with Topics Listed Above)

During the inspection, it was noted that the East Access gate to the haulroad and property had been broken. Vehicle access is now possible through the site.

4.a. A storm event has overtopped the inlet to C-2 at the location of the west diversion ditch (UD2). (see Plate 7-1). The inlet to C-2 was not visible and must be buried by sediments. The sediment and rip rap carried by the event crossed the State Highway. State road crews evidently had cleared the debris and formed a ditch alongside the road to carry water which is not adequately controlled by culverts C-6, C-5, C-2, and C-3. The west diversion UD-2 can be considered completely ineffective at this time, due to breaches in the diversion at three locations of heavy water concentration off the undisturbed slopes.

The water bar between C-3 and C-2 culverts was in tact.

The water bar which had been located in SAE-1 on the eastern bend of the haul road has been destroyed (not by a storm event, but by equipment). The excess material has been pushed towards undisturbed diversion ditch UD-1.

7. Dimensions of the three largest mine waste piles were paced and angles measured for the purposes of approximating their volumes. Piles were simplified into triangular prism shapes.

Pile #1 (adjacent to the undisturbed diversion ditch UD2 shown on Plate 7-1) was calculated at 3,982 yd<sup>3</sup> or 3,385 Tons (assuming that 1 yd<sup>3</sup> of coal is 1700 lbs).

Pile #2 (adjacent to the haulroad between the upper and lower pads) was calculated at 3,654 yd<sup>3</sup> or 3,106 Tons.

Pile #3 (above the reclaim tunnel on the upper pad) was calculated at 1,205 yd<sup>3</sup> or 1,204 Tons.

Therefore, the **approximate** amount of acidic mine waste (refer to previous complete inspection report, sampling and laboratory results) to be buried during final reclamation will be 8,841 yd<sup>3</sup> or 7,515 Tons.

16.b. Please see discussion above under 4.a.

Copy of this Report:

Mailed to: Bernie Freeman (OSM),

Given to: Joe Helfrich (DOGM), Daron Haddock, (DOGM)

Inspector's Signature: Dorella Burton

# 37 Date: 10/6/92