



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

INSPECTION DATE & TIME: May 31, 1988  
1:30 p.m. to 4:00 p.m.

Permittee and/or Operators Name: Summit Coal Co.  
Business Address: P.O. Box 646, Coalville, Utah 84017  
Mine Name: Boyer Mine Permit Number: ACT/043/008  
Type of Mining Activity: Underground  Surface  Other   
County: Summit  
Company Official (s): none  
State Official(s): Rick Summers  
Partial:  Complete:  Date of Last Inspection: 4/11/88  
Weather Conditions: clear  
Acreage: Permitted 170 Disturbed 5.5 Regraded  Seeded  Bonded 5.5  
Enforcement Action: none

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	( X )	( )	( )	( X )
2. SIGNS AND MARKERS	( )	( )	( )	( )
3. TOPSOIL	( )	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	( )	( )	( )	( )
b. DIVERSIONS	( X )	( )	( )	( X )
c. SEDIMENT PONDS AND IMPOUNDMENTS	( X )	( )	( )	( X )
d. OTHER SEDIMENT CONTROL MEASURES	( X )	( )	( )	( X )
e. SURFACE AND GROUNDWATER MONITORING	( )	( )	( )	( )
f. EFFLUENT LIMITATIONS	( )	( )	( )	( )
5. EXPLOSIVES	( )	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	( )	( )	( )	( )
7. COAL PROCESSING WASTE	( )	( )	( )	( )
8. NONCOAL WASTE	( )	( )	( )	( )
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	( )	( )	( )	( )
10. SLIDES AND OTHER DAMAGE	( )	( )	( )	( )
11. CONTEMPORANEOUS RECLAMATION	( )	( )	( )	( )
12. BACKFILLING AND GRADING	( )	( )	( )	( )
13. REVEGETATION	( )	( )	( )	( )
14. SUBSIDENCE CONTROL	( )	( )	( )	( )
15. CESSATION OF OPERATIONS	( )	( )	( )	( )
16. ROADS				
a. CONSTRUCTION	( )	( )	( )	( )
b. DRAINAGE CONTROLS	( )	( )	( )	( )
c. SURFACING	( )	( )	( )	( )
d. MAINTENANCE	( )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	( )	( )	( )	( )

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PERMIT NUMBER: ACT/043/008

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(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits

The Boyer mine experienced an in mine fire during the middle of May 1988. As part of the suppression effort, it was necessary to cover the old work portals located directly to the west of the topsoil stockpile. This activity resulted in some disturbance outside the disturbed area limits. The disturbance was necessary as an emergency measure and no enforcement action is warranted. The operator must submit a revision to the MRP to include this area in the disturbed area and commit to installation of temporary sedimentation controls and reclamation of the disturbance. A letter to the operator will be issued from the Division requiring the modification and timeframes for submittal. The Division was not contacted concerning the fire or disturbance. The operator should be aware that the Division should be contacted whenever an emergency disturbance is necessary.

b. DIVERSIONS

The springs located in WS-4 (upstream from UD-1) have been flowing. An onsite measurement of the discharge by myself indicated the flow rate was 5.6 gpm. The operator installed a 2 inch bypass line from the upstream disturbed limit to a highway road culvert located directly south of the mine trailer. This is the area of the landslide that occurred two years ago. Although no mine representative was onsite to discuss the matter, it appears the operator was bypassing the toe of the existing slide to prevent additional movement. Also, concerns with water produced in the mine as a result of recharge from the springflow may have been considered. The Division should have been notified of the plans to install this line. However, it appears this is an acceptable temporary solution to the slide area. The operator should submit a permit modification to install a culvert for the entire length of UD-1. This culvert should be installed this summer.

c. SEDIMENT PONDS AND IMPOUNDMENTS

The mine is producing water. Water is being pumped from the mine via a 2 inch PVC line to a discharge point located at the top of the entrance access road. The discharge then drains down the road drainage ditch to the cross culvert that discharges into the sediment pond. The elevation of the water in the pond was below the cleanout elevation marker on the sediment stake. The discharge (pumping cycle) is intermittent. The currently approved MRP did not account for the discharge in the design of the sedimentation pond. The operator has taken the correct steps to treat the discharge. However, a modification to the MRP must be submitted that demonstrates the sedimentation pond is capable to treat the additional discharge. Alternatively, the operator may provide plans to treat the water in the mine and obtain a direct discharge permit for the mine water. A NPDES permit is still pending approval for the pond.

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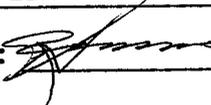
d. OTHER SEDIMENT CONTROL MEASURES

As a result of the increased springflow discussed in **b.** above, some of the straw bales in UD-1 have been slightly undercut. The damage is not significant and no sediment or evidence of sediment movement was observed off the permit area. The operator must repair the bales and insure they are functional at all times.

Copy of this Report:

Mailed to: Jack Blonquist, John Kathman (OSM), Price Office

Given to: NOV File, Sue Linner

Inspectors Signature and Number:  #15 Date: 6/16/88