



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

DR 74
Joh

INSPECTION REPORT

INSPECTION DATE & TIME: June 11, 1991
8:30 - 10:30 a.m.

Permittee and/or Operator's Name: Summit Coal Co.
Business Address: P.O. Box 646, Coalville UT 84017
Mine Name: Boyer Mine Permit Number: INA/043/008
Type of Mining Activity: Underground X Surface Other
County: Summit Company Official(s): N/A
State Official(s): Priscilla Burton, Paul Baker
Federal Official(s): none
Partial: Complete: X Date of last Inspection: 5/20/91
Weather Conditions: Sunshine, clear, 70's
Acreage: Permitted=170 Disturbed=5.5 Regraded=0 Seeded=0
Bonded=5.5 Enforcement Action: none

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: INA/043/008

DATE OF INSPECTION: June 11, 1991

(Comments are Numbered to Correspond with Topics Listed Above)

2. SIGNS AND MARKERS

An AVS check of the sign was not confirmed by the information provided in the permit.

The sign lists the address for the Boyer Mine as P.O. Drawer 7; Coalville UT 84017. Telephone: 561-8902.

The permit lists the address as P.O. Box 646; Coalville UT. Telephone: 336-5514.

3. TOPSOIL

The sediment control ditch surrounding the topsoil piles is in good shape, except where a rodent has dug a hole (approximately 6" in diameter) in the berm at the toe of the pile.

The fencing below the berm has been pulled from the posts -- carrying the associated straw bales with it. Therefore, there is a tangle of straw bales and fencing below the topsoil pile by the truck entrance. There was no indication that this was a new disturbance.

4.b. DIVERSIONS

Undisturbed Diversions:

The 24" culvert, C-6 (see Plate 7-1), that carries water from the County road runoff and truck roadway entrance is nearly plugged with sediment. Approximately 5" of clearance remains from the top of the culvert to the level of sediment. Water from the truck entrance is creating erosion around culvert C-6 as a result. This flow is undercutting the edge of the State Road, U133. Culvert C-5, an 18" culvert upstream paralleling the State Road, is likewise plugged with sediment and trash.

Undisturbed diversions flowing into culvert C-2 have piled weeds in front of the upstream end of the culvert.

The undisturbed diversion ,C-1, has a trickle of water flowing through it. There is no trash rack present and none appeared needed. The fence isolating C-1 from the disturbed area has been knocked down. This disturbance has occurred since my last visit to the site in March.

The undisturbed diversion that encircled the site has been lost in two sections due to slumping. This earth movement occurred some years ago on the West side, above the return portal, and on the East side, above the waste disposal site and road. Therefore, water from the undisturbed watersheds may enter the disturbed site and end up in the sediment pond.

Disturbed Diversions:

The disturbed diversion flowing into culvert C-3 has rocks and weeds filling in the upstream end. The downstream end of C-3 is not visible, due to the construction of the waterbar on the truck entrance. A piping hole that has formed in the waterbar backfill, on the slope of the sediment pond, is the probable location of the downstream end of C-3.

In short, maintenance is required on the disturbed diversion culverts and the undisturbed State Road (U 133) culverts.

4.c. SEDIMENT PONDS

The sediment pond is marshy with cattails and white top being the predominant vegetation. The principal spillway has been closed by an tin grate that slides over the 24" culvert. Moisture is evident as staining on the principal spillway culvert and the associated cement.

6. DISPOSAL OF DEVELOPMENT WASTE

The pile of waste rock has cheat grass (an annual) growing on its slopes in the toe of an old slide area. also evident in this area are rills that are approximately 3" deep. Water is emanating from the toe of the pile and forming small rills down the haul road approximately 5" deep at the deepest point. The water is carried down towards the sediment pond, leaving a salt encrusted trail. All of the salts and sediment are trapped by the berm running parallel to the office trailer, and are not reaching the sediment pond due to evaporation.

12. BACKFILLING AND GRADING

The three portals remain adequately sealed, with settling occurring along the sides and top of the backfill. Approximately 1' of settling has occurred for a distance of 10'.

18. SUPPORT FACILITIES

The bath house trailer is open. The main office trailer is locked, but windows are broken. In front of the main office trailer are bags of coal samples. Flow from this area will run into the C-5 and C-6 entering the stream at some point. These bags should be removed.

Copy of this Report:

Mailed to:

Given to:

Brian Smith, Offic of Surface Mining

Joe Helfrich and Daron Haddock, DOGM

Inspector's Signature & Number:  #37 Date: 6/17/91