

0033
102



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

NR 7
gd

Norman H. Bangarter
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

INSPECTION REPORT

INSPECTION DATE & TIME: June 2, 1992
10:00 A.M. to 4:30 P.M.

Permittee and/or Operator's Name: Amax Coal Co.
Business Address: P. O. Box 449, Helper, Utah 84526
Mine Name: Castle Gate Permit Number: ACT/007/004 County: Carbon
Type of Mining Activity: Underground Surface Other
Company Official(s): Johnny Pappas and Mel Coonrod State Official(s): Paul Baker Federal
Official(s): None
Partial: Complete: Date of last Inspection: May 8, 1992
Weather Conditions: Clear, 80's
Acreage: Permitted- 8510 Disturbed- 134.5 Regraded- 6.5 Seeded- 6.5 Bonded- 134.5
Enforcement Action: N92-41-4-2

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. OTHER SEDIMENT CONTROL MEASURES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. SURFACE AND GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL PROCESSING WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS				
a. CONSTRUCTION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. MAINTENANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES AND UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19. AVS INFORMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

Page 2 of 2

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION: June 2, 1992

(Comments are Numbered to Correspond with Topics Listed Above)

3. Hydrologic Balance

b. Diversions

Between the outlet to culvert CGC4 and sediment pond 13 in the Schoolhouse Canyon refuse site area, there is a steep slope that has had some erosion on it because of the drainage coming from CGC4. Any sediment coming from this area is controlled by the pond. The newly revised plan states on page 6 that the riprap for this area is marginally undersized and that the culvert will be monitored and erosion maintained by adding additional riprap if necessary. Before the next inspection, this area must be monitored and appropriate action taken to control additional erosion.

13. Revegetation

The Hardscrabble Canyon area contains the only known infestation of dyer's woad, a state-declared noxious weed, in Carbon County. The plan states that a plan to control pests will be developed with the Division if a problem is identified. The problem was identified to Amax in conversations on March 12 and May 20, 1992; in correspondence dated March 13, 1992; and in the previous inspection report. N92-41-4-2 part 1 of 2 was issued for failing to comply with the approved plan and for reestablished plant species not meeting the requirements of state noxious weed laws.

There are other problems with noxious weeds within disturbed areas. The topsoil pile just inside the gate to the road that leads to Crandall Canyon has whitetop growing on it. On the slope between this pile and the road is some bindweed. There is some musk thistle near the gas tanks in Crandall Canyon. Bindweed is not normally sprayed at this time of year, but efforts must be made to control the other weeds, particularly the whitetop, by the next inspection.

The approved plan states that monitoring of reclaimed areas will be conducted in years 1, 2, 3, 5, 7, and 9 using the same techniques that were used in the original reference area sampling. The Goose Island area of Hardscrabble Canyon was reclaimed in 1984, and partial bond release for regrading and seeding was granted. Richard Allison indicated that vegetation monitoring was not performed in 1991 which was the seventh year since reclamation was performed. N92-41-4-2 part 2 of 2 was issued for failing to follow the approved plan for vegetation monitoring.

18. Support Facilities and Utility Installations

At the Castle Gate prep plant area was an aboveground portable fuel tank which, according to external measurements, would hold approximately 2100 gallons. Mr. Allison told me in March that this tank was going to be removed. It was surrounded by a berm and only contained about 6" of fuel, but it was not shown on the map and was not locked. I was told in a telephone conversation with Pete Furgeson on June 5 that the tank had been removed.

Copy of this Report:

Mailed to: Richard Allison (Amax), Bernie Freeman (OSM)

Given to: Daron Haddock, Joe Helfich (DOGM)

Inspector's Signature: _____

 Paul B. Baker #41 Date: June 5, 1992