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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

10274
[Signature]

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INSPECTION REPORT

INSPECTION DATE & TIME: May 8, 1992
9:30 A.M. to 1:00 P.M.

Permittee and/or Operator's Name: Amax Coal Co.
Business Address: P. O. Box 449
Mine Name: Castle Gate Permit Number: ACT/007/004 County: Carbon
Type of Mining Activity: Underground Surface Other
Company Official(s): None State Officials(s): Paul Baker Federal Official(s): None
Partial: Complete: Date of last Inspection: April 1992 (not yet on file)
Weather Conditions: Partly Cloudy, 60-70's
Acreage: Permitted- 8510 Disturbed- 134.5 Regraded- 6.5 Seeded- 6.5 Bonded- 134.5
Enforcement Action: N92-41-3-1

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>
d. OTHER SEDIMENT CONTROL MEASURES	<input checked="" 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS INFORMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION: May 8, 1992

(Comments are Numbered to Correspond with Topics Listed Above)

The inspection concentrated on the areas of Sowbelly Gulch and Hardscrabble Canyon although I briefly looked at areas near the Castle Gate Prep Plant. No company officials were available, so Crandall Canyon was not accessible.

2. Signs and Markers

New signs have been erected at the entrances to all of the facilities. The substation at Sowbelly has perimeter markers around it that have recently been painted.

4. Hydrologic Balance

b. Diversions

I checked culverts and ditches in the two areas and found most to be in good repair.

In the Sowbelly area east and south of the No. 5 Mine portal is a bench with a ditch on it that collects runoff from watershed area SBWS-U5 and from an area west of what Steve Demczak said was the fan portal (see Exhibits 3.2-1A and 3.2-2B). Exhibit 3.2-1A indicates that water flows along this area. Maintenance is required in this area to keep water from continuing down the hillside and creating erosion.

Just above and to the east of pond 8 is a 36" slotted culvert that crosses the road and goes into the pond. On the west side of the road, this culvert appears to have had a hole put in it so that water coming down the west side of the road could enter the culvert and subsequently the pond. A piece of the culvert measuring approximately 18" X 24" that was apparently cut to form the hole for the road drainage was not fully cut out and removed. A major part of the entrance into the culvert was blocked by this piece of metal. N92-41-3-1 was issued for failing to maintain a diversion and for failure to construct a road drainage control culvert to avoid plugging at an inlet.

c. Sediment Ponds and Impoundments

Water was discharging from the portal into the pond at the adit. This situation was the subject of violation N92-39-2-1. The pond was not discharging. A request was received May 8 from Amax to extend the abatement time for this violation.

13. Revegetation

The Hardscrabble Canyon area contains a moderate infestation of dyer's woad, a state-declared noxious weed. The plants are just starting to flower and need to be controlled as soon as possible. The MRP states that a plan for control of pests will be developed in conjunction with the Division if a problem is identified. March 1992 correspondence from the Division to Richard Allison of Amax identified the need to develop a plan and suggested procedures that could be used. The plan still needs to be developed and control work performed this spring before the plants have mature seeds. This weed is only known from a few localities in Carbon County but has the potential of infesting much of the area's rangeland as it has done in many other areas of northern Utah.

Copy of this Report:

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

Given to: Daron Haddock, Joe Heinrich (DOGM)

Inspector's Signature: Paul B. Baker

Paul B. Baker #41 Date: May 15, 1992