



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

Partial: Complete: Exploration:

Inspection Date & Time: March 8, 1995, 9:00 A.M. to 2:00 P.M.

Date of Last Inspection: February 8, 1995

Mine Name: Castle Gate County: Carbon Permit Number: ACT/007/004

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

Business Address: P. O. Box 449, Helper, Utah

Type of Mining Activity: Underground Surface Prep. Plant Other

State Official(s): Paul Baker

Company Official(s): Lonnie Mills

Federal Official(s): None

Weather Conditions: Partly Cloudy, 50's

Existing Acreage: Permitted- 7619 Disturbed- 177.6 Regraded- 33.2 Seeded- 33.2 Bonded- 145.6

Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0

Status: Exploration/ Active/ Inactive/ Temporary Cessation/ Bond Forfeiture

Reclamation (Phase I/ Phase II/ Final Bond Release/ 10 for Goose Island 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" 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. 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 checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. 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 EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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/MAINTENANCE/SURFACING	<input checked="" 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"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_(date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<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: March 8, 1995

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits, Change, Transfer, Renewal, Sale

According to the schedule submitted under Division Order 94-A, Amax is required to submit revisions to portions of its mining and reclamation plan by April 30, 1995. Parts of the plan found deficient were mainly in the section dealing with Crandall Canyon. Additional data collection (soils) will be collected as soon as weather permits, and these sections will be submitted within 90 days after collection. Amax commits to respond to deficiencies within 45 days or to request appropriate extensions.

On March 6, 1995, the Division received a response to deficiencies in the plan to cover the coal seam in the No. 4 Mine canyon. This response is under review.

4. Hydrologic Balance

The leak in a pipe along the north part of the road next to the Price River at the preparation plant has been repaired.

b. Sediment Ponds and Impoundments

Riprap has been added to the west inlet of pond 11.

9. Protection of Fish, Wildlife, and Related Environmental Values

At the exposed portion of the No. 5 Mine fan portal (discussed below), we found two dead birds. I believe they were rosy finches. This species does not normally nest at elevations as low as Sowbelly Gulch, but it winters at lower elevations. We saw nothing indicating how the birds died, but I thought it a strange coincidence that two birds would die in the same location near the mine portal. Last fall, there was a strong draft coming from this portal. It is possible that gases from the mine killed the birds. I have borrowed a methane detector from the Abandoned Mines program and will attempt to measure any methane that might be coming from the mine.

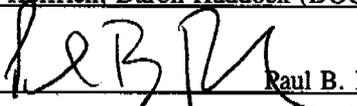
12. Backfilling and Grading

At the preliminary Phase I bond release inspection on November 2, 1994, an exposed portion of the No. 5 Mine fan portal was found. This was subsequently covered, reseeded, and mulched. At the time, I was told it was covered with three feet of material. The soil has settled about one foot or less, and the concrete on top of the portal is again exposed. The operator needs to cover this portal again.

Copy of this Report:

Mailed to: Donna Griffin (OSM), Lonnie Mills (AMAX)

Given to: Joe Helfrich, Daron Haddock (DOGM)

Inspector's Signature:  Raul B. Baker #41 Date: March 9, 1995