

0021



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*Handwritten initials/signature*

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## INSPECTION REPORT

INSPECTION DATE & TIME: 23 Aug, 1992  
09:00 a. m. to 1:00 p. m.

Permittee and/or Operator's Name: AMAX Coal Company  
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 X Surface Other  
Company Official(s): Pete Ferguson and Mel Coonrod  
State Official(s): James D. Smith Federal Official(s): none  
Partial: X Complete:      Date of last Inspection: July 27 and 28, 1992  
Weather Conditions: Sunny, low 70's, light breeze  
Acreage: Permitted-8510 Disturbed-134.5 Regraded-6.5 Seeded-6.5 Bonded-134.5  
Enforcement Action: none

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	( )	( )	( )	( )
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	( )	( )	( )	( )
e. SURFACE AND GROUNDWATER MONITORING	(X)	( )	( )	(X)
f. EFFLUENT LIMITATIONS	(X)	( )	( )	( )
5. EXPLOSIVES	( )	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	( )	( )	( )	( )
7. COAL PROCESSING WASTE	(X)	( )	( )	( )
8. NONCOAL WASTE	(X)	( )	( )	( )
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	( )	( )	( )	( )

## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/007/019      DATE OF INSPECTION: 20 Aug, 1992

(Comments are Numbered to Correspond with Topics Listed Above)

### 4.b. Diversions

The temporary crossing of the ephemeral stream on the north side of the Goose Island reclaimed area has been removed. Mel Coonrod said that hydroseeding is scheduled for this fall for the area disturbed by this removal.

Concrete "headgates" have been installed at the heads of the concrete lined diversions on both sides of the waste disposal pile in Schoolhouse Canyon, and fill material has been added along the sides of the north diversion. Both actions were to prevent erosion from undercutting and ruining the concrete channels.

Erosion continues at the inlets to sedimentation pond 13 at the waste rock disposal site.

Ditches at the Hardscrabble area were cleaned last week according to Mel Coonrod. Concrete lining has recently been placed in the ditches at both ends of the slotted drain that crosses the road and empties into Pond 8, and the ditches were rip-rapped for several additional feet beyond the concrete. During this inspection the ditches and culverts in Hardscrabble Canyon appeared generally to be clear of debris but a detailed check was not made.

### 4.c Sediment Ponds and Impoundments

The weekly inspections of pond 13 have been made. Records of inspections done prior to July 30, 1992 are in the mine office. Records of inspections after that date are in a book at the pond.

### 4.e. Surface and Ground Water Monitoring

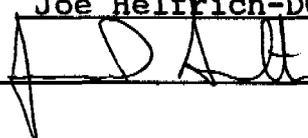
Water monitoring done in June had two sample sites numbered 28, apparently the result of eliminating the two sample sites numbered 26 that were noted in the inspection report dated October 9-11, 1991. Mel Coonrod is familiar with the sampling sites and was able to clarify the locations of the actual sites, but the map of water monitoring locations is still incorrect and the numbering

system is a source of confusion. AMAX has received relief from Finding 21 of the Division Order dated December 18, 1990 that covers this problem, so a notice of violation will not be written, but the revised MRP needs to resolve the confusion and ensure that past and future water monitoring results can be accurately correlated.

Copy of this Report:

Mailed to: Brian Smith-OSM, Richard Allison-AMAX Coal Company

Given to: Joe Helfrich-DOGM, Daron Haddock-DOGM

Inspector's Signature:  # 43 Date: 25 Aug, 1992