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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

INSPECTION DATE & TIME: 3/30/89
1:00 p.m. to 3:00 p.m.

Permittee and/or Operators Name: Castle Gate Coal Company
Business Address: P.O. Box 449 Helper, Utah
Mine Name: Castlegate Plant Permit Number: ACT/007/004
Type of Mining Activity: Underground Surface XX Other
County: Carbon
Company Official (s): Richard Allison
State Official(s): Mike DeWeese
Partial: XX Complete: Date of Last Inspection: 2/28/89
Weather Conditions: Partly cloudy skies, cool and breezy
Acreage: Permitted 8510 Disturbed 130 Regraded 6.5 Seeded 6.5 Bonded 130
Enforcement Action: NOV N-89-31-1-2

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	(XX)	()	()	(XX)
c. SEDIMENT PONDS AND IMPOUNDMENTS	()	(XX)	()	(XX)
d. OTHER SEDIMENT CONTROL MEASURES	()	()	()	()
e. SURFACE AND GROUNDWATER MONITORING	()	()	()	()
f. EFFLUENT LIMITATIONS	()	()	()	()
5. EXPLOSIVES	()	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	()	()	()	()
7. COAL PROCESSING WASTE	(XX)	()	()	()
8. NONCOAL WASTE	()	()	()	()
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	()	()	()	()

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 3/30/89

(Comments are Numbered to Correspond with Topics Listed Above)

4c. SEDIMENT PONDS AND IMPOUNDMENTS

The thickener overflow impoundment has been partially cleaned. Mr. Allison stated that this cleaning was conducted approximately three weeks prior to the inspection date. The MSHA safety berm around the perimeter of the impoundment was removed during the cleaning process and was not rebuilt. A short section of the berm remained in the southwest corner of the structure containing an emergency discharge culvert. The approved operating plan requires a four foot high berm around the entire perimeter of the impoundment and does not include a discharge structure. NOV N-89-31-1-2 part 2 of 2 was issued as a result of this violation. The operator was notified that upon reconstructing the berm the culvert must be removed.

Sedimentation pond 12B contained visible sediment at the surface extending from the berm inlet to beyond the inlet from pond 12A (approximately half the longitudinal distance of the pond). The water level in the pond was approximately one foot below the spillway inlet. Using pond volume calculations in the MRP and the aforementioned observations the sediment capacity was determined to exceed the 60% design capacity. NOV N-89-31-1-2 part 1 of 2 was issued as a result of this violation.

4d. OTHER SEDIMENT CONTROL MEASURES

The berm running parallel to the west permit boundary has been reinforced from the foreman's office building to the north gate. A section of this berm approximately 30 feet long was noticed to be lower than the adjoining sections in the area below the south overflow pond. I recommended that the operator increase the height of this berm section to match the adjoining sections.

Copy of this Report:

Mailed to: Richard Allison (CGCC), Brian Smith (OSM), PFO

Given to: Joe Helfrich, (DOGM)

Inspectors Signature and Number: M. DeLone #31 Date: 3/31/89