



*John S. URB*  
5-27-88

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
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INSPECTION REPORT

INSPECTION DATE & TIME: May 6, 1988  
10:00 am to 1:30 pm

Permittee and/or Operators Name: Castle Gate Coal Company  
Business Address: P.O. Bos 449, Helper, Utah 84526  
Mine Name: Price River Complex Permit Number: ACT/007/004  
Type of Mining Activity: Underground  Surface  Other   
County: Carbon  
Company Official (s): Richard Allison  
State Official(s): Randy Harden  
Partial:  Complete:  Date of Last Inspection: April 14&15, 1988  
Weather Conditions: cloudy, scattered rain  
Acreage: Permitted 8510 Disturbed 130 Regraded 6.5 Seeded 6.5 Bonded 130  
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	( )	( )	( )	( )
c. SEDIMENT PONDS AND IMPOUNDMENTS	( )	( )	( )	( )
d. OTHER SEDIMENT CONTROL MEASURES	( X )	( )	( )	( X )
e. SURFACE AND GROUNDWATER MONITORING	( )	( )	( )	( )
f. EFFLUENT LIMITATIONS	( )	( )	( )	( )
5. EXPLOSIVES	( )	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	( )	( )	( )	( )
7. COAL PROCESSING WASTE	( )	( )	( )	( )
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	( X )	( )	( )	( X )
c. SURFACING	( )	( )	( )	( )
d. MAINTENANCE	( )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	( X )	( )	( )	( X )

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(Comments are Numbered to Correspond with Topics Listed Above)

4. HYDROLOGIC BALANCE

d. OTHER SEDIMENT CONTROL MEASURES

Silt fences and straw bales were inspected in the vicinity of the new unit train loadout facilities. These sediment control structures were found to be in good condition and operational. Some piping was noted on the approach to the bridge to the unit train loadout in the fill material of the bridge abutment. The operator was requested to remedy the situation. Existing straw bales below the piping were functioning properly.

16. ROADS

b. DRAINAGE CONTROLS

The refuse haul road was inspected and found to be in operating condition. However, due to weathering of the embankment along the upper portion of the haul road, it was indicated that this ditch area should be cleaned out by the next inspection of the site. Additionally the cross drain from the ditch, diverting the water into pond 013 needs to be cleaned and the berm at the head of the culvert needs to be more substantially built prior to anticipated spring and summer thunderstorms. It was pointed out to the operator that the refuse haul road needs to be more frequently maintained in order to remain in compliance with the design requirements for drainage control in order to minimize the potential for violations in this area.

Due to construction of the unit train loadout facilities and the relatively flat area between the loadout and the clean coal pile, poor drainage of the area exists. The operator indicated that he intends on regrading and establishing more definitive drainage ditches in this area in order to promote better drainage through this area. Drainage from this area does report to Pond 011 and the area was considered to be in compliance with the requirements of the permit.

The operator had been requested to clean and maintain the ditches and berms along the access roads leading to the Goose Island reclaimed area and to the portal area to the west. This had been accomplished by the operator and the ditches and berms were found to be in excellent condition at the time of the inspection.

Inspectors Signature and Number: #13  Date: May 11, 1988

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18. SUPPORT FACILITIES UTILITY INSTALLATIONS

The thickener overflow pond had breached the week prior to this inspection as a result of failure to clean and maintain sufficient capacity for purging of the thickener. When the thickener was drained, the overflow pond immediately to the south of thickener breached, causing considerable surface flow throughout the area. The operator has repaired the embankment to the thickener overflow pond and plans on cleaning the pond out to design capacity in the near future. None of the observed flow from the thickener overflow pond passed off of the permit area. Most of the water and sediments were directed along existing ditches and berm to sediment ponds 012A and 012B. Ditches which carried the flow and sediments from the thickener overflow pond to the sediment ponds have been cleaned and are in good condition. Due to the accumulation of the fines from the thickener in these ponds, the operator also intends on cleaning out these ponds in the near future. Since the breach of the embankment of the thickener overflow pond did not result in any off-site damage or degradation and the operator took immediate steps to repair the on site damage associated with the failure, no enforcement action was taken. Site conditions currently indicate that the surface runoff drainage controls in the area are functioning within permit requirements.

Copy of this Report:

Mailed to: John Kathman - OSM, Richard Allison - Castle Gate Coal Co  
Given to: Joe Helfrich - DOGM, PFO, Harold Sandbeck, Dave Darby

Inspectors Signature and Number: #13  Date: May 11, 1988