

11-4-88 0014



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SU  
Joh

Norman H. Bangerter  
Governor  
Dec C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

## INSPECTION REPORT

INSPECTION DATE & TIME: 10/26 and 27/88  
1p.m. to 4p.m. and 8a.m. to 4:30 p.m.

Permittee and/or Operators Name: Castle Gate Coal Company  
Business Address: P.O. Box 449  
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): Harold G. Sandbeck  
Partial:  Complete:  XXX Date of Last Inspection: 9/8/88  
Weather Conditions: Both days were clear and cool.  
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	(XX )	( )	( )	(XX )
2. SIGNS AND MARKERS	(XX )	( )	( )	(XX )
3. TOPSOIL	(XX )	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(XX )	( )	( )	( )
b. DIVERSIONS	(XX )	( )	( )	( )
c. SEDIMENT PONDS AND IMPOUNDMENTS	(XX )	( )	( )	(XX )
d. OTHER SEDIMENT CONTROL MEASURES	(XX )	( )	( )	(XX )
e. SURFACE AND GROUNDWATER MONITORING	(XX )	( )	( )	(XX )
f. EFFLUENT LIMITATIONS	(XX )	( )	( )	( )
5. EXPLOSIVES	(XX )	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(XX )	( )	( )	( )
7. COAL PROCESSING WASTE	(XX )	( )	( )	(XX )
8. NONCOAL WASTE	(XX )	( )	( )	( )
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(XX )	( )	( )	( )
10. SLIDES AND OTHER DAMAGE	(XX )	( )	( )	( )
11. CONTEMPORANEOUS RECLAMATION	(XX )	( )	( )	(XX )
12. BACKFILLING AND GRADING	(XX )	( )	( )	( )
13. REVEGETATION	(XX )	( )	( )	( )
14. SUBSIDENCE CONTROL	(XX )	( )	( )	( )
15. CESSATION OF OPERATIONS	(XX )	( )	( )	( )
16. ROADS				
a. CONSTRUCTION	(XX )	( )	( )	( )
b. DRAINAGE CONTROLS	(XX )	( )	( )	(XX )
c. SURFACING	(XX )	( )	( )	( )
d. MAINTENANCE	(XX )	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	(XX )	( )	( )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(XX )	( )	( )	(XX )

INSPECTION REPORT  
(continuation sheet)

Page 2 of 5

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 10/26 and 27/88

(Comments are Numbered to Correspond with Topics Listed Above)

General Comments:

Richard Allison accompanied the undersigned inspector on this complete inspection. A records review was conducted on the first day followed by a field inspection on the second day. No significant environmental problems were noted. Maintenance items mentioned in this report have not reached an out of compliance level.

The maintenance issues mentioned in the 1988 September 8 and August 9 inspection reports have been corrected.

1. Permits.

NPDES Permit

The NPDES permit number is UT-0024678 and expires on June 30, 1987. Castle Gate Coal Company applied for permit renewal before the deadline. On June 8, 1987, EPA informed the operator that the permit will remain in force during the interim between expiration and renewal.

The NPDES permit discharge reports were checked for 1988 1st, 2nd and 3rd quarters. No problems were noted. There are nine (9) discharge points (5, 9, 10, 11, 12, 13, 14, 15 and 20).

Certificate of Liability

Castle Gate Coal Company is insured by Continental Insurance Company. The policy number is SRL 3347778 and SRB 3353642 which expires on April 1, 1989.

2. Signs and Markers.

Sowbelly Area

ENTRANCE SIGN. The operator received the new entrance sign which will be posted as soon as possible.

Castle Gate Prep. Plant Area

ADIT NUMBER 1. The operator was informed to maintain and install additional disturbed markers.

INSPECTION REPORT  
(continuation sheet)

Page 3 of 5

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 10/26 and 27/88

(Comments are Numbered to Correspond with Topics Listed Above)

4. Hydrologic Balance:

c. Sediment Ponds and Impoundments.

Pond Inspections

Quarterly monitoring is required for ponds 3, 4, 5, 7, 8, 9, 10, 11, 12A and B, 14, and 15. The 1988 3rd and 4th quarter pond inspection reports were inspected. No problems were found.

Weekly monitoring is required for pond number 13. The weekly pond inspection reports were checked for the 1988 3rd and 4th quarters. The operator had missed the inspection for the week of July 3rd, 1988. In the April 15, 1988 inspection report, pond inspection reports had been checked back to the 3rd quarter of 1987. No problems had been found. Therefore, a violation is not warranted for missing one weekly pond report.

Hard Scrabble Canyon Area

POND 8. The pond inlet requires preventive maintenance. At this time a violation is not warranted.

Castle Gate Prep. Plant Area

RAW WATER POND. The north inlet requires preventive maintenance (dress up area then seed and mulch). This area had been disturbed due to the injection well drilling program. At this time a violation is not warranted.

POND 11. On the north side, the pond inlet and the ditch leading into the pond requires preventive maintenance. Also, the east bank of this pond requires maintenance. At this time a violation is not warranted.

SLURRY OVERFLOW POND. The pond cleanout was still in progress. Pond 12B is due for cleaning as soon as the slurry overflow pond is complete.

INSPECTION REPORT  
(continuation sheet)

Page 4 of 5

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 10/26 and 27/88

(Comments are Numbered to Correspond with Topics Listed Above)

d. Other Sediment Control Measures.

Castle Gate Prep. Plant Area

On September 22, 1988, Lynn Kunzler and the undersigned inspector met with the operator to discuss removal of silt fences at the new unit train loadout. It was decided that the operator would remove some of the silt fences and install additional strawbales where needed. For more information, the reader is referred to field amendment number ACT/007/004-88F titled "Small Area Exemption at the Unit Train Loadout Area".

CLEAN COAL BELT TAKE UP. The area beneath the beltline structure requires preventive maintenance. At this time a violation is not warranted.

A berm requires preventive maintenance on the east side of the truck haul road near the inlet (this culvert crosses the road) of pond 12A. This road is located on the west side of pond 12A.

SOUTH OF CLEAN COAL PILE. The operator needs to seed and mulch the area near the relocated escape hatchway.

e. Surface and Groundwater Monitoring. The water monitoring information is found in Volume 3, Chapter 7 on pages 262 and 263 (New Plans). A list of the parameters is found on page 263. The 1988 1st and 2nd quarter water monitoring reports were inspected. No problems were found. The 1988 3rd quarter water data was not available for inspection. Following is the surface and groundwater monitoring schedule and a list of sampling stations:

Surface Monitoring  
(Refer to Exhibit 7-3)

Monitoring is conducted four (4) times per year on the following dates (plus or minus two weeks):

- \* March 15
- \* June 10
- \* Sept 5
- \* Nov 30

Following are the eight (8) surface sampling points: B-5, B-6, B-11, B-12, B-17, B-25, B-26 and B-28.

INSPECTION REPORT  
(continuation sheet)

Page 5 of 5

PERMIT NUMBER: ACT/007/004

DATE OF INSPECTION 10/26 and 27/88

(Comments are Numbered to Correspond with Topics Listed Above)

Groundwater Monitoring  
(Refer to Exhibit 7-3)

The above surface monitoring schedule will followed for the groundwater sampling points. Following are the four (4) groundwater sampling points: B-22, BM-30, BM31 and BM32.

7. Coal Processing Waste. Quarterly reporting is required for the School House Canyon Refuse Disposal Site. The 1988 2nd and 3rd waste rock reports were checked. No problems were found.

11. Contemporaneous Reclamation.

Sowbelly Area

Price Metal Salvage Company was actively removing structures, buildings, debris and junk from the site. The site is being readied for reclamation next year.

16. Roads:

b. Drainage Controls.

Castle Gate Prep. Plant Area

On the east side of the Class I Haul Road, the drainage ditch immediately below the slurry overflow pond requires cleaning.

18. Support Facilities/Utility Installations.

Hard Scrabble Canyon Area

The substation located at the upper west end across from Goose Island requires a small area exemption (SAE). This issue will be handled in the Mid-Term review.

Copy of this Report:

Mailed to: Richard Allison (CGCC), Price Office and Brian Smith (OSM)

Given to: Sue Linner and Joe Helfrich - DOGM

Inspectors Signature and Number: *Hawel J. A.* #27 Date: 11/02/88