

0017



# 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: 04/20/95 10:00a-4:00p  
Date of Last Inspection: 04/191/95

Mine Name: Soldier Creek Mine County: Carbon Permit Number: ACT/007/018  
Permittee and/or Operator's Name: Soldier Creek Coal Company  
Business Address: P.O. Box I Price, Utah 84501  
Type of Mining Activity: Underground X Surface  Prep. Plant  Other   
State Officials(s): David W. Darby  
Company Official(s): Dave Spillman  
Federal Official(s): none  
Weather Conditions: Rain  
Existing Acreage: Permitted- 4910 Disturbed- 24 Regraded- 0 Seeded- 0 Bonded- 95.2  
Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0  
Status: Exploration/ X Active/  Inactive/  Temporary Cessation/  Bond Forfeiture  
Reclamation (Phase I/ Phase II/ Final Bond Release/ 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 checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



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## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/007/018

DATE OF INSPECTION: 04-20-95

(Comments are Numbered to Correspond with Topics Listed Above)

### 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The midterm permit is currently being conducted. DOGM has completed a review and submitted comments to the the operator. Soldier Creek is to submit a second submittal by May 5, 1995. The five-year permit

### 2. SIGNS AND MARKERS

Signs and markers are properly posted.

### 4. HYDROLOGIC BALANCE

#### a. DIVERSIONS

All disturbed and undisturbed diversions were evaluated for stability and integrity. All diversions were functioning well with no obstructions or breaches.

#### b. SEDIMENTATION PONDS AND IMPOUNDMENTS

The sedimentation pond (002) contained some water. There was still sufficient volume in the pond to handle the runoff from contributed by the spring flows that have been occurring because of alternate storms and warm weather.

The last quarterly pond inspection was conducted on 12-7-94. The analysis of the pond by Soldier Creek's engineer, Barry Barnham, identified the embankment to be stable. As identified in the previous inspection by Paul Baker, rocks sluffing off the hillside has pushed the creek over to the side of the pond and is eroding part of the toe of the embankment. There is sufficient material on the embankment to protect the pond. However, our concern is that a large thunder storm which occasionally occur in the area could quickly erode the embankment's softer material. The pond is originally built on the outside meander of the stream. To maintain its meander pattern the creek tries to erode toward the pond embankment. The site should be monitored to ensure continued erosion of the embankment does not occur at a rapid rate.

#### d. WATER MONITORING

1. Water monitoring information was checked. The information for 1st quarter 1994 had been collected on March 28, 1995, but not compiled for analysis. Soldier Creek Coal Co. is considering proposing changes in their water monitoring program. Their proposal would reduce some monitoring frequencies and delete some constituents that have shown to be either insignificant in evaluating to water conditions or has already established consistent trends. Soldier Creek has contracted Dr. Mayo, a professor at Brigham Young University, to evaluate their ground water resources and draft a PHC. A water monitoring plan will be drafted to address the PHC, and will include not only the current CHIA, but the areas on and adjacent to the Alkali Lease area and Dugout Creek area.

#### e. EFFLUENT LIMITATION

NPDES reports for site 002 (Sedimentation Pond) collected for January and February indicated that no effluent occurred. Site 003, mine water discharge, met effluent limitations. Soldier Creek's records indicate that they are discharging approximately 250,000 gallons per day directly into the creek. This is down from a normal discharge of about 400,000 gallons per day because they are pumping some of the mine water to a sump area. They expect to resume the higher discharge later in the year after the sump fills.

Copy of this Report:

Mailed to: Tom Ehmett (OSM), Guy Davis (PacifiCorp)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: David W. Darby

David W. Darby # 47

Date: 5/2/95

**INSPECTION REPORT**

(Continuation sheet)

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PERMIT NUMBER: <sup>1007/018</sup> ~~ACT/015/015~~

DATE OF INSPECTION: 4/20/95

(Comments are Numbered to Correspond with Topics Listed Above)

8. NONCOAL WASTE

The site was checked for scattered no coal waste. All waste was contained in identified areas.

9. BONDING & INSURANCE

The bond is current. Bond # U1712871-1 and is covered by Energy Insurance International, Inc., the same broker for Soldier Creek's insurance which is fully covered to 3/16/96.

Copy of this Report:

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Given to: Joe Helfrich (DOGM)

Inspector's Signature: David W. Darby

David W. Darby # 47

Date: 5/2/95