



# 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: February 26, 1999, 8:00 to 10:45 AM  
Date of Last Inspection: January 14, 1999

Mine Name: Hiawatha Complex County: Carbon Permit Number: ACT/007/011  
Permittee and/or Operator's Name: Hiawatha Coal Company  
Business Address: P. O. Box 1202, Huntington, Utah 84528  
Type of Mining Activity: Underground  Surface  Prep. Plant  Other   
State Official(s): Paul Baker  
Company Official(s): Aldon Gustafson  
Federal Official(s): None  
Weather Conditions: Mostly clear, 30-40's, several inches of snow in the canyons  
Existing Acreage: Permitted- 12707 Disturbed- 290 Regraded-  Seeded-  Bonded- 290  
Increased/Decreased: Permitted- 0 Disturbed- 0 Regraded- 0 Seeded- 0 Bonded- 0  
Status:  Exploration/  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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input checked="" 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 checked="" 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 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 type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/007/011

DATE OF INSPECTION: February 26, 1999

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits, Change, Transfer, Renewal, Sale

On February 8, 1999, the Division received another response to Division Order 97A. The proposal is under review.

4. Hydrologic Balance

a. Diversions

The ditch on the southeast side of slurry pond 5 is shallow and needs maintenance.

There are some ditches in the area below the old preparation plant that need to be better defined. Mr. Gustafson told me he has tried recently to do this work but that it will need to wait until the ground thaws.

b. Sediment Ponds and Impoundments

For the past few months, Charles Reynolds and I have discussed how it appears three of the ponds need to be cleaned. The annual certified inspection reports confirm they are close to the 60% cleanout level, but none of them is over this level.

d. Water Monitoring

The lab report for SP 13 showed TDS at 9020 mg/L, but the conductivity was only 1254. It is likely the lab report is in error, but the operator should confirm this with the lab and report corrected results if possible.

13. Revegetation

There was a flock of rosy finches on the newly-reclaimed portion of slurry pond 5. I estimated there were about 100 birds. Rosy finches are seed eaters, and I am concerned they may have a significant effect on the revegetation. However, as Charles Reynolds reminded me, the area was raked after being seeded, so a good portion of the seed should be under the soil. We found mostly hulls on the surface.

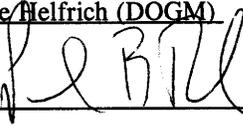
The Division agreed the operator would be allowed to not mulch the area if they gouged it. The area was gouged then seeded and raked. We will watch the area this summer. If we do not see much germination, it may be necessary to include mulch for future revegetation efforts. While I am not terribly fond of wood fiber hydromulch, I believe it provides better cover and would probably attract fewer birds than straw or hay.

The area seeded in 1997 did not do well in 1998 despite 1998 being an above-average precipitation year. Except for raking, the same revegetation methods were used in both 1997 and 1998. Seed predation could be one reason the 1997 seeding did not do well.

Copy of this Report:

Mailed to: Elliott Finley (Hiawatha Coal Co.), James Fulton (OSM)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: 

Paul B. Baker #41

Date: March 5, 1999