



**State of Utah**  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS AND MINING

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Michael O. Leavitt  
 Governor  
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 Division Director

**INSPECTION REPORT**

Partial:    Complete: XXX Exploration:     
 Inspection Date & Time: 9/26/00 / 10:30 AM to 2:00 PM  
 Date of Last Inspection: 8/30/00

1027

Mine Name: Hiawatha Complex County: Carbon Permit Number: [REDACTED]  
 Permittee and/or Operator's Name: Hiawatha Coal Company  
 Business Address: P. O. Box 1202, Huntington, Utah 84528  
 Type of Mining Activity: Underground XXX Surface    Prep. Plant    Other     
 Company Official(s): Jim Stoddard  
 State Official(s): Paul Baker Federal Official(s): None  
 Weather Conditions: Clear, 60's  
 Existing Acreage: Permitted 12707 Disturbed 290 Regraded    Seeded     
 Status: Exploration    Active X Inactive    Temporary Cessation    Bond Forfeiture     
 Reclamation (Phase I    Phase II    Final Bond Release    Liability    Year   )

**REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. 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.
  - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
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 checked="" 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 checked="" 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 ISSUES	<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 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 checked="" 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 (4 <sup>th</sup> Quarter- April, May, June)	<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)

PERMIT NUMBER ACT/007/011

DATE OF INSPECTION 9/26/00

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

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

The Division has yet to receive information about when the officers of ANR, the permittee's parent company, assumed their positions. I reminded Mr. Finley of this, and he should be submitting the information soon.

**3. TOPSOIL**

The scraper was broken down when I was doing the inspection, but the operator has been spreading some more soil. Mr. Stoddard was pocking the top of slurry pond 5, but there are still a few areas on top that need more soil. Part of the east side is done except for pocking, and part of it still needs soil. Mr. Stoddard and I discussed the depth to which soil is to be taken from the borrow area. The average depth is about seven feet.

**4A. HYDROLOGIC BALANCE: DIVERSIONS**

The report for the August inspection discussed some culverts in South Fork that needed maintenance. It was evident maintenance had been done on these culverts, but it appeared there had been another storm. In the report, I specifically mentioned that culverts 27 and 28 needed maintenance, but this was a mistake. The culverts that needed work are 46 and 47 in the South Fork loadout area.

The outlet from culvert 47 is right at the inlet to culvert 46, so when debris is trapped at the inlet to culvert 46, some sediment drops out up at the lower end of 47. I could see rocks and sediment about 15 feet up from the outlet of 47, and the inlet to 46 needs to be cleared again.

The berm in the Middle Fork coal stockpile area still needs to be repaired.

The report for the August inspection indicates there is an area on the upper pad in Middle Fork where water could be diverted toward DD-21 and that this would stop an erosion problem. After looking at the area again, I believe the erosion on the pad outslope may have been there a long time and that it is not necessary to do any additional work in this area.

There is a ditch that goes from the southeast to the east side of refuse pile 2 that used to flow into sediment pond 5. Sediment pond 5 has now been reclaimed, and the design in the plan shows this ditch also being reclaimed. The ditch on the southeast side of the refuse pile is supposed to continue along the highway toward the east and does not turn north across the disturbed area.

**4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

The pond inspection reports had been inadvertently taken to the Bear Canyon Mine where Charles Reynolds was working on a report. I went to the mine and saw the reports which indicated no problems with the ponds except that some are getting close to the 60% cleanout level.

Sediment pond 5 has now been fully reclaimed.

INSPECTION REPORT  
(Continuation sheet)

PERMIT NUMBER ACT/007/011

DATE OF INSPECTION 9/26/00

**4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

I mentioned in the last inspection report that there was a problem with the alternate sediment control area near the water tank in South Fork. We looked at this area again, and although I could not see evidence of sediment leaving the disturbed area, I feel the operator needs to place a straw bale or silt fence near the bottom of this area to ensure it doesn't happen. The area has been grazed enough that vegetation is no longer adequate to control the erosion.

**4D. HYDROLOGIC BALANCE: WATER MONITORING**

Except for UPDES samples, the operator begins water monitoring in the second quarter. This information was not yet available but will be checked in the next inspection.

**13. REVEGETATION**

After seeing the results of late winter and spring seedings at this site, I strongly encourage the operator to do everything possible to be sure the site is seeded in the fall. One area that was seeded in the spring has done reasonably well, but the rest have not.

**16B. ROAD: DRAINAGE CONTROLS**

The report for the August inspection indicates some discrepancies between the map of the drainage control structures along the South Fork road and what we found on site. The operator found a culvert that we did not see and has put fence posts by all these culverts so we can find them more easily.

The culvert the operator found appears to correspond most closely with culvert 43 on the map of the area. This culvert needs maintenance.

Although the operator found one of the culverts, there are still discrepancies. Beginning just across from the lower sediment pond, the culverts we found were 18", 36", 24", 24", 36", 24", 36", 24", and 24". The culverts shown on the map are 36", 30", 24", 24", 36", 24", and 24". Therefore, it appears the designs in the plan need to be updated.

In Middle Fork, we checked culvert sizes beginning at the old schoolhouse and ending where Middle Fork crosses under the road. The sizes we found in the field correspond to what is in the plan, but culverts 32 and 33 need maintenance.

Inspector's Signature: \_\_\_\_\_

  
Paul Baker #41

Date October 3, 2000

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM  
Elliott Finley, Hiawatha Coal Company  
Price Field office

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