



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

**Representatives Present During the Inspection:**

OGM Pete Hess Environmental Scientist III

# Inspection Report

Permit Number:	C0070011
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, September 02, 2008
Start Date/Time:	9/2/2008 11:25:00 AM
End Date/Time:	9/2/2008 12:30:00 PM
Last Inspection:	Thursday, August 07, 2008

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, clear, cooler, 70's F.

InspectionID Report Number: 1756

Accepted by: jhelfric

9/8/2008

Permittee: **HIAWATHA COAL CO INC**

Operator: **HIAWATHA COAL CO INC**

Site: **HIAWATHA MINE COMPLEX**

Address: **PO BOX 1245, HUNTINGTON UT 84528**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

#### Current Acreages

12,177.00	<b>Total Permitted</b>
290.00	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- Federal  
 State  
 County  
 Fee  
 Other

#### Types of Operations

- Underground  
 Surface  
 Loadout  
 Processing  
 Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The first quarter of 2008 surface and ground water monitoring data for the Hiawatha Mine Complex has recently been uploaded into the DOGM permanent data base. The insertion of the second quarter data is pending. The Permittee continues to meet this Special Condition of the current State permit.

Mr. Shawn Baker represented Hiawatha Coal Company during today's inspection.

The site received heavy rains over the Labor Day weekend. According to Mr. Baker, the Bear Canyon rain gauge collected 0.44 inches on August 31, 2008. There is evidence at Hiawatha that a similar event(s) hit the Hiawatha Complex.

Inspector's Signature:

Date Tuesday, September 02, 2008

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

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

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**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 Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference 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, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input 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 checked="" 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 Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**4.a Hydrologic Balance: Diversions**

The Permittee recently replaced a 30 inch CMP to carry the flow in ditch DD10 under the #1 Slurry cell access road into pond D004 (located at slope toe / north side of slurry pond #1). Events over Labor day have caused this culvert to silt in to the extent that about 50 % of the cross-section area is blocked. The Permittee needs to clean this ASAP.

**4.d Hydrologic Balance: Water Monitoring**

Pond 008 in middle fork was observed to contain a small volume of collected runoff from the Kings 4/5 mine facilities. Runoff was reporting across this pad to the bank drop diversions just below the crest of the #4 Mine portal (east end of bath house building).

**7. Coal Mine Waste, Refuse Piles, Impoundments**

Slurry pond #1 had ponding on its east end due to the heavy weekend rains, and it appeared that heavy equipment could not be operated in the pit today to recover fines. About eight loaded "Super Sacks" were observed east of the old maintenance shop. The Company is converting from coal trailers to "Super Sacks" apparently due to concerns from the UDOT.

**8. Noncoal Waste**

Scrapping activities at the old tipple substation have not occurred since the clean up of the transformer oil spill in June 2008. Similarly, no activities have occurred at the middle fork / Kings 4 and 5 surface facilities area.

**18. Support Facilities, Utility Installations**

The Permittee needs to update the current surface facilities map to show the office trailer adjacent to the #1 slurry cell.

**21. Bonding and Insurance**

The Permittee has posted a reclamation bond for \$ 3,005,000, which concurs with the Division's cost figures for this site.