



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

Table with 2 columns: Company, Name, Title. Row 1: Mark Reynolds, Resident Agent. Row 2: Dave Darby, Environmental Scientist III. Row 3: Joe Helfrich, Environmental Scientist III.

Inspection Report

Table with 2 columns: Field, Value. Fields: Permit Number (C0070011), Inspection Type (COMPLETE), Inspection Date (Tuesday, June 28, 2005), Start Date/Time (6/28/2005 10:00:00 AM), End Date/Time (6/28/2005 2:00:00 PM), Last Inspection (Friday, June 03, 2005).

Inspector: Joe Helfrich, Environmental Scientist III

Weather: sunny breezy 75

InspectionID Report Number: 655

Accepted by: whedberg
7/7/2005

Permittee: HIAWATHA COAL CO INC
Operator: HIAWATHA COAL CO INC
Site: HIAWATHA MINE COMPLEX
Address: PO BOX 1202, HUNTINGTON UT 84528
County: CARBON
Permit Type: PERMANENT COAL PROGRAM
Permit Status: ACTIVE

Table with 3 columns: Current Acreages, Mineral Ownership, Types of Operations. Includes checkboxes for Federal, State, County, Fee, Other, Underground, Surface, Loadout, Processing, Reprocessing.

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

The purpose of this site visit was to conduct a complete inspection of the Hiawatha complex. Dave Darby conducted an on site midterm review of the BTCA for the facilities sediment control structures.

Inspector's Signature \_\_\_\_\_ Date Thursday, June 30, 2005

Joe Helfrich, Environmental Scientist III
Inspector ID Number: 1

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

**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 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" 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.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" 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	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### **1. Permits, Change, Transfer, Renewal, Sale**

The DOGM permit was issued on March 14, 2002 and expires on March 14, 2007. Other documents include the following:

- Certificate of Insurance by Scottsdale Insurance Co. Policy # CLS0668789 effective 01/27/04 and expires 1/27/06.
- UPDES Permit UT-0023094 issued 10/01/2004 and expires 09/30/2009 at midnight.
- Air Quality Permit BAQE-502-89 issued 07/25/1989 and remains in effect.
- Bond is an irrevocable letter of credit issued by Bank One in the amount of \$2,838,000.

### **2. Signs and Markers**

Signs containing the required information were posted at points of access to the mining facilities.

### **3. Topsoil**

A copy of the midterm review soils technical memo prepared by Priscilla Burton was given to Mr. Reynolds during the previous inspection. Mr. Reynolds was asked to contact Priscilla Burton regarding the findings portion of the memo. The findings stated that, "The information provided does not clearly indicate whether the commitment to survey Borrow Area "A" after topsoil activity was completed in 1998 was conducted. Prior to approval, the Permittee must provide the following, in accordance with:

R645-301-121.200, The Permittee must conduct and/or provide the results of the survey described in R645-301-241, Hiawatha Area Reclamation, p. 37, to determine those areas in Borrow Area "A" which had reached the maximum excavation depth of substitute topsoil. The Permittee must also provide information on depth of ripping, mulch treatment, and seed mix for Borrow Area "A." The Permittee must indicate in the MRP narrative whether the coal fine removal occurred as described in Sec. R645-301-541, Hiawatha Processing Plant and Waste Disposal Sites Reclamation, p. 5-56."

#### **4.a Hydrologic Balance: Diversions**

The 24" CMP (24) that collects undisturbed flow from the right fork of the King 4 and 6 mine yard was plugged with runoff debris. This resulted in overland flow to the sediment pond. With some minor hand work, Mr. Reynolds was able to direct all of the flow back into the by-pass culvert during the previous inspection. This culvert connects with a 36" CMP (25) that discharges below the sediment pond. This culvert was leaking near the toe of the outslope of the mine yard pad. Water from the leak was flowing to the sediment pond where it was being retained. The culvert has been ordered. Diversions at the other mining facilities were found to be in working order.

#### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The sediment ponds were inspected on 1/15/05 showing no signs of hazards or instability. With the exception of the sediment pond at the middle fork facility, all of the other sediment ponds at the Hiawatha complex were dry. The emergency spillway for the upper sediment pond at the King 6 mine has accumulated limbs and natural debris that should be removed.

#### **4.c Hydrologic Balance: Other Sediment Control Measures**

There are a number of ASCAS throughout the complex that represent alternative sediment control in lieu of a larger structure such as a sediment pond. The on site midterm review of the structures indicated that they were adequate and represented the BTCA for the site.

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

2nd quarter water monitoring was completed on 4/28/05. The data was uploaded into the Division's database on 7/1/05.

#### **4.e Hydrologic Balance: Effluent Limitations**

DMR's were current through May 2005. Effluent limitations are recorded monthly, averaged, and submitted quarterly.

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

The slurry impoundments were inspected on 6/27/05 and the refuse pile on 1/15/05 showing no signs of weakness or instability.

#### **20. Air Quality Permit**

Air Quality Permit BAQE-502-89 issued 07/25/1989 and remains in effect.

#### **21. Bonding and Insurance**

The bond is an irrevocable letter of credit issued by Bank One in the amount of \$2,838,000. The insurance is current through 1/27/06.