0010

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Michael O. Leavitt
Governor

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Executive Director

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Partial: XXX Complete:__ Exploration:__
Inspection Date & Time: 4/20/98
Date of Last Inspection: __

Mine Name: Hiawatha Complex County: Carbon Permit Number: **ACT/007/011**
Permittee and/or Operator's Name: Hiawatha Coal Company
Business Address: 3212 South State Street, Salt Lake City, Utah 84115
Type of Mining Activity: Underground XXX Surface__ Prep. Plant__ Other__
Company Official(s):_____
State Officials(s): Peter Hess Federal Official(s):_____
Weather Conditions:_____
Existing Acreage: Permitted- 12707 Disturbed- 290 Regraded-_ Seeded-_ Bonded- 290
Increased/Decreased: Permitted-___ Disturbed-___ Regraded-___ Seeded-___ Bonded-___
Status: _Exploration/__Active/ XXX Inactive/__Temporary Cessation/__Bond Forfeiture
Reclamation (__Phase I/__Phase II/__Final Bond Release/__Liability_____Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

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.

		EVALUATED	N/A	COMMENTS	NOV/ENF
1.	PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	[XX]	[ ]	[XX]	[ ]
2.	SIGNS AND MARKERS	[ ]	[ ]	[ ]	[ ]
3.	TOPSOIL	[ ]	[ ]	[ ]	[ ]
4.	HYDROLOGIC BALANCE:				
a.	DIVERSIONS	[ ]	[ ]	[ ]	[ ]
b.	SEDIMENT PONDS AND IMPOUNDMENTS	[ ]	[ ]	[ ]	[ ]
c.	OTHER SEDIMENT CONTROL MEASURES	[ ]	[ ]	[ ]	[ ]
d.	WATER MONITORING	[ ]	[ ]	[ ]	[ ]
e.	EFFLUENT LIMITATIONS	[ ]	[ ]	[ ]	[ ]
5.	EXPLOSIVES	[ ]	[ ]	[ ]	[ ]
6.	DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	[ ]	[ ]	[ ]	[ ]
7.	COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	[X]	[ ]	[X]	[ ]
8.	NONCOAL WASTE	[ ]	[ ]	[ ]	[ ]
9.	PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	[ ]	[ ]	[ ]	[ ]
10.	SLIDES AND OTHER DAMAGE	[ ]	[ ]	[ ]	[ ]
11.	CONTEMPORANEOUS RECLAMATION	[ ]	[ ]	[ ]	[ ]
12.	BACKFILLING AND GRADING	[ ]	[ ]	[ ]	[ ]
13.	REVEGETATION	[ ]	[ ]	[ ]	[ ]
14.	SUBSIDENCE CONTROL	[X]	[ ]	[X]	[ ]
15.	CESSATION OF OPERATIONS	[ ]	[ ]	[ ]	[ ]
16.	ROADS:				
a.	CONSTRUCTION/MAINTENANCE/SURFACING	[ ]	[ ]	[ ]	[ ]
b.	DRAINAGE CONTROLS	[ ]	[ ]	[ ]	[ ]
17.	OTHER TRANSPORTATION FACILITIES	[ ]	[ ]	[ ]	[ ]
18.	SUPPORT FACILITIES/UTILITY INSTALLATIONS	[ ]	[ ]	[ ]	[ ]
19.	AVS CHECK (4th Quarter-April, May, June)_____(date)	[ ]	[ ]	[ ]	[ ]
20.	AIR QUALITY PERMIT	[ ]	[ ]	[ ]	[ ]
21.	BONDING & INSURANCE	[ ]	[ ]	[ ]	[ ]

INSPECTION REPORT
(Continuation sheet)

PERMIT NUMBER: **ACT/007/011** DATE OF INSPECTION: 4/20/98

(Comments are Numbered to Correspond with Topics Listed Above)

COAL OPERATOR'S ANNUAL REPORT INSPECTION REPORT FORM
STATEMENTS OF COMPLETENESS OR INDICATIONS OF DEFICIENCY

MINE NAME Hiawatha Coal Company PERMIT NUMBER ACT/007/011

INSPECTOR'S REVIEW:

This portion assigned to Ms. Susan White, SLC-DOGM.

ENGINEER'S REVIEW: Conducted April 20, 1998

1) COMMENT ON SUBSIDENCE MONITORING DATA:

Hiawatha Coal Company monitors 111 subsidence monitoring stations. The 1997 field survey was flown by Olympus Aerial Surveys on September 29, 1997. Of all survey points, the maximum up-heave observed was 0.87 feet; maximum settling was observed to be -0.82 feet. The last mining in the Hiawatha Complex took place in King 4 Mine and was conducted by U. S. Fuel Company; all underground extraction ceased in February 1993. Only raw data has been submitted with this report. There is no formalized analysis, nor is there a map showing the locations of the monitoring points. Nothing in the subsidence report is P. E. certified.

2) COMMENTS ON ANNUAL OVERBURDEN, SPOILS, REFUSE, FLOOR, ETC.

As noted above, all underground mining at the Hiawatha Complex ceased in February of 1993. Analyses of overburden and spoil are irrelevant. Refuse (created from coal processing) is no longer being generated. This section does not apply.

3) COMMENTS ON ANNUAL IMPOUNDMENT CERTIFICATIONS:

Slurry cell #1 remains active, with 32,173 tons of fines being recovered and sold during 1997. Slurry cells 4 and 5 are in the reclamation phase, with #4 to be reported to MSHA in 1998 as no longer being an MSHA impoundment, (i.e., totally reclaimed). All sediment containment ponds have bottom elevations well below the 60 percent clean out elevation, as is required by the R645 coal rules. No signs of instability or other hazardous conditions have been reported for any of the ponds. Mr. Charles Reynolds, P. E. has adequately certified all impoundment and refuse pile inspections.

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

Copy of this Report:
Mailed to: Charles Reynolds (Hiawatha Coal Company) Henry Austin (OSM)
Given to: Joe Helfrich (DOGM) Filed to: Price Field Office
Date: April 20, 1998

Inspector's Signature: Peter Hess #46
Peter Hess