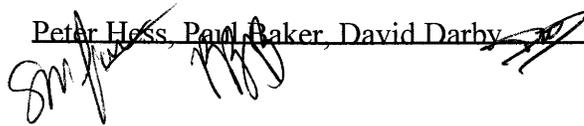


**1999 Annual Report Review**

Permittee: Hiawatha Coal Company, Inc.  
 Mine Name: Hiawatha Complex  
 Permit Number: ACT/007/011  
 Date Report Received: 3/30/2000(SLO), 4/7/2000 (PEO)  
 Assigned Reviewers: Peter Hess, Paul Baker, David Darby



**Instructions:** The assigned staff will review their respective portions of the Annual report and provide a written determination (findings) on how the Mine has or has not met the permit requirements for reporting. If the report is deficient or remedial action is required to obtain compliance, this should be noted and the inspector notified. Once all reviewers have completed the report, they should initial it and a copy will be filed in the Mine Internal File.

**Assignments:**

**Inspectors:** Review each cover sheet, AVS Legal/Financial, Mine Sequence Maps.  
**Hydrologists:** Review Water Monitoring Data, Precipitation and Climatological Data, Non-Coal Waste  
**Biologists:** Review Vegetation/Revegetation Success Monitoring, Raptor Survey  
**Engineers:** Review Subsidence Monitoring Data, Annual Impoundment Certification, Annual Overburden, Spoils, Refuse, Floor, etc.

Section to Review	Submitted	Yes	No	Findings
Cover Sheet		<u>X</u>	—	
AVS; Legal/ Financial Update		<u>X</u>	—	Information about Hiawatha Coal's officers is the same as in the plan. Information from the Department of Commerce indicates ANR's officers have changed, and the plan should be amended to show the correct ownership and control information.
Mine Sequence Map		—	—	

Water Monitoring Data	<u>X</u> —	Data was previously submitted quarterly or monthly with regard to monitoring schedule. UPDES monitoring sites include sediment pond discharge and mine water discharge, report quarterly. All other surface and ground-water monitoring sites report quarterly. Information is being entered and stored in the electronic data system.
Precipitation & Climatological Data	— <u>X</u>	No annual precipitation data was submitted. Regulations require average seasonal precipitation data for baseline. This information is in the MRP.
Non-Coal Waste report	— <u>X</u>	Methods describing how non-coal waste is described in the MRP. No information is presented by the operator in the annual report with regard to the amount of non-coal waste produced.
Subsidence Monitoring Data	<u>X</u> —	112 monitoring points were checked; only six showed deflections greater than one foot; one point had a deflection of 2.16 feet. Report is P. E. certified by Charles Reynolds. All surface areas were walked in August of '99; no significant changes or new fracturing was noted during the '99 survey.
Annual Impoundment Certification	<u>X</u> —	All ponds inspected and P. E. certified as meeting R645 coal rule requirements by Charles Reynolds on 12/29/99. Ponds 003A, 004A, 007A and 009A have only 1 foot of sediment storage capacity remaining to be at 60% level. Must be re-evaluated in spring of 2000 to determine if cleaning is required. No signs of instability or other hazards reported.

Annual Overburden, Spoil, Refuse, Floor, etc.	<u>X</u> —	Mines are not producing; no samples taken. Refuse pile #1 inactive; no material is being added; no changes made in configuration of pile. Inspection report P. E. certified by Charles Reynolds.
Vegetation Data	— <u>X</u>	Not required.
Revegetation Success Monitoring	— <u>X</u>	Not required.
Raptor Survey	<u>X</u> —	Three active raptor nests were in the general vicinity of the mine.
Other Information	— —	