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# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 30, 2015

Elliot Finley, Resident Agent  
Hiawatha Coal Company  
P.O. Box 1240  
Huntington, Utah 84528

Subject: 2014 Annual Report Review Completion, Hiawatha Mine, C/007/0011, Task ID #4860

Dear Mr. Finley:

The Division staff has completed the review of the 2014 Annual Report. Enclosed is a copy of the review with each reviewer's comments completed on June 30, 2015.

Thank you for your diligence in completing the Annual Report. If you have any questions, please call me at (801) 538-5350.

Sincerely,

Steve Christensen  
Permit Supervisor

SKC/sqs  
Enclosure  
O:\007011.HIA\WG4860 ANNUAL REPORT\ReviewCompletionLetter.doc



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# Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by the date specified in the cover letter. During a complete inspection an inspector will check and verify the information.

## GENERAL INFORMATION

Company Name	Hiawatha Coal Company, Inc.	Mine Name	Hiawatha Mine Complex
Permit Number	C/007/0011	Permit expiration Date	2017-03-14
Operator Name	Hiawatha Coal Company, Inc.	Phone Number	+1 (801) 857-0399
Mailing Address	P.O. Box 1240	Email	charles.reynolds@hiawathacoal.com
City	Huntington		
State	Utah	Zip Code	84528

## DOGM File Location or Annual Report Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	Not Required
Refuse Piles	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Appendix A
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Appendix A
Other: Water Monitoring		Electronic Database

## OPERATOR COMMENTS

Vegetation sampling was completed in 2013, for phase 2 bond release. However, the final report is not yet available, from the consultant. Hiawatha will submit the report upon availability.

## REVIEWER COMMENTS

Met Requirements  Did Not meet Requirements

The annual report included copies of the quarterly inspection of the Refuse pile completed 12/9/14 for the refuse pile no 1, Slurry Pond 5A, and Slurry Pond 1. The inspector reviewed all quarterly reports during complete inspection for each quarter of 2014. The fourth quarter inspection reports were completed by Charles Reynolds, a Utah PE certified professional engineer. The field inspections state that all foundation preparation was completed according to design specification. The December inspection report states that some material was added to the pile from the clean out activities from Pond D006. The report also states that it is anticipated that additional material will be added from the cleanout of D008 in 2015. The report for the Slurry pond 1 states that 2,462.23 tons of coal fines were removed from Slurry Pond 1 in 2014. The report for Slurry Pond 5A states that 601.38 tons of coal fines were removed from the pond in 2014. Reclamation for both ponds is now waiting for the completion of coal fines removal from the remaining ponds. Upon completion

of coal fines removal and reclamation final configuration as-builts will be submitted to the Division . The slopes showed no signs of instability such as rills, gullies, or sloughage. The Permittee has addressed the requirements of this commitment. (CP-6/15/15)

# FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

**Title: REACTIVATION OF OPERATIONAL MONITORING OF SPRINGS**

**Objective:** Monitor springs SP-2, SP-4, SP-5, SP-11, SP-11, SP-12, and SP-13.

**Frequency:** Quarterly sampling to initiate at least two years prior to resuming underground mining activities.

**Status:** Monitoring suspended while in temporary cessation.

**Reports:** Notify Division in Annual report if/when mining is to occur.

**Citation:** MRP, Chapter 7, Section R645-731.214, Table 7-17.

**Title: SUBSIDENCE MONITORING**

**Objective:** Prior to any future mining, the Permittee commits to collect updated survey information on all subsidence monitoring points to establish a baseline from which to compare data.

**Frequency:** annually

**Status:** Suspended while mine is in temporary cessation.

**Reports:** annual reports.

**Citation:** MRP, Volume 4, Chapter 5, page 5-50

**Title: COAL MINE WASTE CLEANUP**

**Objective:** Remove coal mine waste from areas of slurry ponds and refuse piles.

**Frequency:** Ongoing

**Status:** After rough grading to final contour, but prior to topsoil application at final reclamation.

**Reports:** Keep records of activity/ volumes to report in bond release application.

**Citation:** MRP, Chapter 5, Section R645-301-541, page 5-103, 5-104 and Ex. II-4A.

**Title: NUTRIENTS AND AMENDMENTS TO TOPSOIL**

**Objective:** Ensure adequate growth medium

**Frequency:** Composite sample topsoil for nutrient status after topsoil application at final reclamation.

**Status:** At final reclamation.

**Reports:** Report analytical results to Division prior to fertilizer application.

**Citation:** MRP, Chapter 2, page 2-40 and Chapter 5, Section R645-301-541, page 5-104.

**Title: REMOVAL OF COAL WASTE**

**Objective:** Remove coal waste from railroad tracks and from small waste piles adjacent to Lower Preparation Plant in order to create a non-toxic root zone of four feet. Waste should be placed in slurry pond 1.

**Frequency:** After removal of railroad tracks from Hiawatha yard.

**Status:** Long term, final reclamation of slurry pond 1.

**Reports:** Keep records of activity/volumes to report in bond release application.

**Citation:** MRP, Chapter 5, Section r645-301-541, page 5-104.

**Title: SAMPLE SLURRY POND #1 AND #5A PRIOR TO REGRADING FOR ACID/TOXIC CHARACTERISTICS.**

**Objective:** Maintain a non-toxic root zone of four feet.

**Frequency:** After rough grading to final contour, but prior to topsoil application at final reclamation.

**Status:** At final reclamation, prior to topsoil application.

**Reports:** Report analytical results to Division prior to topsoil application.

**Citation:** MRP, Chapter 2, Section r645-301-241, page 2-40

**Title: SUBSOIL SAMPLING**

**Objective:** Maintain a non-toxic root zone of four feet.

**Frequency:** After rough grading to final contour, but prior to topsoil application at final reclamation.

**Status:** At final reclamation.

**Reports:** Report analytical results to Division prior to topsoil application.

**Citation:** MRP, Chapter 2, Section r645-301-241, page 2-40

**OPERATOR COMMENTS (OPTIONAL)**

**REVIEWER COMMENTS**

Water monitoring data was submitted to the electronic database as required throughout 2014. (AD)

## REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

The Department of Commerce, Annual Report of Officers is in Appendix C  
The second consecutive year of vegetation monitoring data for the Hiawatha site was collected in September of 2014. This information has been sent to this reviewer as a PDF file and will be submitted under separate cover by Charles Reynolds for inclusion in the annual report.

Reviewer Comments

The vegetation data collected in 2014 for the Hiawatha site will be used in the phase III bond release application to support a finding that the revegetation success standards have been met for the reclaimed areas sampled.

# MAPS

Copies of mine maps, current and up-to-date, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
Annual Subsidence Map	Not Required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mine Map	No Change	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Reviewer Comments    Met Requirements                       Did Not Meet Requirements

No maps were provided with the annual report and there have been no adjustments (CP - 6/15/15)