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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

August 29, 2016

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

Subject: 2015 Annual Report Review Completion, Hiawatha Mine, C/007/0013, Task ID #5150

Dear Mr. Finley:

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

Thank you for your diligence in completing the Annual Report. If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock  
Coal Program Manager

DRH/sqs  
Enclosure  
O:\007011.HIA\WG5150 ANNUAL REPORT\ReviewCompletionLetter.doc

Print Form

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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

The vegetation sampling, that was conducted in 2013, for Phase 2 and 3 bond release, that wasn't available last year, is now available, and is included in Appendix B. The data is also being submitted as part of the application for Phase 2 and 3 Bond Release.

## REVIEWER COMMENTS

Met Requirements  Did Not meet Requirements

Vegetation study results from 2013 and 2014 have been included in Appendix B. They were reviewed and approved in the phase III BR application. [JCH]

# 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

**Title: Road Maintenance**

**Objective:** Support drainage, move boulders or timber which block the path, and replace culverts as needed.

**Frequency:** Annual

**Status:** Perform annually

**Reports:** Report road conditions during annual report

**Citation:** MRP, Chapter 5, pg 5-71

**OPERATOR COMMENTS (OPTIONAL)**

Road maintenance is performed as needed to maintain site access where maintenance is required. Current road conditions are adequate for the ongoing maintenance of the site in an idle mode.

**REVIEWER COMMENTS**

## 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:

Vegetation study results from 2013 and 2014 have been included in Appendix B. They are also being submitted to the Division as part of a bond release application.  
The Department of Commerce, Annual Report of Officers is in Appendix C.

### Reviewer Comments

The annual report included copies of the quarterly inspection of the Refuse pile completed 12/9/15 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 2015. The slopes showed no signs of instability such as rills, gullies, or sloughage. The Permittee has addressed the requirements of this commitment. A quarterly refuse inspection conducted on 12/9/15 showing no change since the last inspection (CP)

