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2017 Annual Report Review Completion

Suzanne Steab <suzannesteab@utah.gov>

Thu, Apr 12, 2018 at 6:55 AM

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Cc: "Christensen, Steve" <stevechristensen@utah.gov>

The Division staff has completed the review of the 2017 Annual Report for the Hiawatha Coal Mine. Attached is a copy of the review with comments.

No hard copy will follow.

Thank you for your diligence in completing the Annual Report.

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 **Hiawatha.pdf**
38K

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	March 14, 2022
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

DOG M File Location or Annual Report Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> 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:		

OPERATOR COMMENTS

The Hiawatha Mine Complex continues in temporary cessation at least until the year 2024. No mining is projected in the next 5 years. No coal fines were removed from coal waste areas in 2017. Road conditions remain unchanged on site. Maintenance has continued on roads, drainage control structures and sediment ponds to insure functionality. Structures in Middle Fork continue to see excessive offsite impact as a result of the 2012 Seeley Fire, but offsite erosion has diminished, allowing progress to be made on restoring the permanent functionality of the sediment pond and drainage control structures in that canyon. Phase I and III Bond Releases were approved for Slurry Pond 4, Slurry Pond 5 and the associated Sediment Pond, North Fork and the Prep Plant area in 2016 and 2017.

REVIEWER COMMENTS Met Requirements Did Not Meet Requirements

The quarterly inspections are commensurate with the permittee's comments on the status of the Hiawatha complex.

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

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 Report of Registered principals is included in Appendix C.

Reviewer Comments

The Annual Report included copies of annual inspection reports for all of the impoundments on site as well as 4th quarter 2017 inspection reports for all of the refuse disposal areas. All inspection items were reported to be stable, with only slight changes to the prior year. All inspection forms were stamped and signed by Charles Reynolds, Registered Professional Engineer in the State of Utah. JE

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
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

The Hiawatha Mine is in cessation until at least the year 2024. No maps are required nor provided in this annual report. JE