



OGMCOAL DNR <ogmcoal@utah.gov>

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## Hiawatha Annual Report 2021: Task #6534

1 message

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**Steve Christensen** <stevechristensen@utah.gov>

Mon, Jun 27, 2022 at 1:54 PM

To: Elliot Finley <efinley@efinley.com>, Miles Stephens <miles.stephens@gentrymining.com>, charles reynolds <charles.reynolds@hiawathacoal.com>

Cc: OGMCOAL DNR <ogmcoal@utah.gov>, Todd Miller <toddmiller@utah.gov>

Good afternoon,


The Division has completed its review of the Hiawatha Mine 2021 Annual report (See attached). No hard copy to follow.

Regards,  
Steve

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Utah Division of Oil, Gas and Mining  
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290K



State of Utah

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Department of Natural Resources  
Division of Oil, Gas and Mining

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*Division Director*

June 27<sup>th</sup>, 2022

Elliot Finley, Resident Agent  
3212 South State Street  
Salt Lake City, UT 84115

Subject: 2021 Annual Report Review Completion, Hiawatha Coal Company, Inc., Hiawatha Mine Complex, Task ID #6534, C/007/0011

Dear Mr. Finley:

The Division of Oil, Gas and Mining (the Division) has completed the review of the 2021 annual Report. A copy of the review is attached to this letter. No hard copy will follow. Thank you for diligence in completing the Annual Report.

Sincerely,

Steve Christensen  
Coal Program Manager



# 2021 ANNUAL REPORT

Submit the completed document and any additional information identified to the Division by March 31, 2022.

## GENERAL INFORMATION

Company Name	Hiawatha Coal Company, Inc.	Mine Name	Hiawatha Mine Complex
Permit Number	C/007/0011	Permit expiration Date	03/14/2027
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	
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 the coal waste areas in 2021. Water monitoring data has been submitted electronically and is available in the UDOGM water database for review.

## REVIEWER COMMENTS

Met Requirements  Did Not Meet Requirements

4/25/2021, PB. The Division was notified of Hiawatha Mine temporary cessation on October 28, 2010. No refuse was hauled in 2021. There was 50,000 CY capacity remaining in both Slurry pond 1 and Slurry pond 5A. The total capacity of Refuse Pile #1 was reported as unknown. All reports were certified by Charles Reynolds.

With regard to the unknown capacity of Refuse Pile #1, MRP Section 513.400, p. 5-15 refers to Appendix V-3 for Refuse Pile #1 designs. Appendix V-3 contains 1976 correspondence regarding Refuse Pile #1. However, the Division could not find the topographic map of Refuse Pile #1 with cross-sections that were referenced in Appendix V-3. Please provide the missing documentation of the topography and cross-sections of Refuse Pile #1.

Prior to commencing the coal fine removal east of the railroad tracks, the Hiawatha Mine must notify the Division that it is coming out of temporary cessation. When that notification is received, the Future Commitment titled, "Removal of Coal Fine Waste" will be brought forward as an active annual report commitment in 2022.

5-5-22 (KM) The 2021 annual pond inspections were conducted during 3rd Quarter 2021. Due to flooding that took place in August of 2021, the sediment within all of the ponds is at or near capacity.

There are 2 discrepancies within the annual pond reports as they were submitted: Pond 008 report states in section #2 that the existing sediment level within the pond "does not contain sediment", however field information notes in section #4 states "the sediment level currently exceeds the 100% storage capacity". The notes within the field information section is consistent with recent field observations by the Division. Pond 009 60% clean-out level elevation is 7713.9', and the report states that the existing sediment level at time of inspection was 7709.8'. The field information section following this statement says the pond is at the 100% clean-out level. The notes within the field information section is consistent with recent field observations.

05/24/2022 (KNH) All water monitoring data for 2021 has been submitted to the UDOGM water database and has been reviewed.

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

**Status:** At final reclamation

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

**Citation:** 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:** 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:** At final reclamation

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

**Citation:** Chapter 5, Section R645-301-541, page 5-104

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

**Objective:** Create 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:** Chapter 2, Section R645-301-241, page 2-40

# COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted within the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If additional written response is required, it should be filed as an attachment to this report.

**Title:**  
**Objective:**  
**Frequency:**  
**Status:**  
**Reports:**  
**Citation:**

## OPERATOR COMMENTS

## REVIEWER COMMENTS

Met Requirements

Did Not Meet Requirements

# 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:

A vegetation survey conducted by Environmental Industrial Services (EIS) is included in Appendix B. The Department of Commerce Report of Registered Principals is included in Appendix C.

## REVIEWER COMMENTS



Met Requirements



Did Not Meet Requirements

A vegetation survey report is included in the annual report detailing the status of a reclaimed sediment pond relative to the reference area. The data indicates the reclamation revegetation has been largely successful to this point. TM

# 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 Maps	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

N/A