



Suzanne Steab <suzannesteab@utah.gov>

2017 Annual Report Review Completion

Suzanne Steab <suzannesteab@utah.gov>
To: "Madsen, Karin" <kmadsen@coalsource.com>
Cc: Justin Eatchel <jeatchel@utah.gov>

Wed, Jun 27, 2018 at 9:49 AM

The Division staff completed the review of the 2017 Annual Report for the West Ridge 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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 **West Ridge.pdf**
42K

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	West Ridge Resources, LLC	Mine Name	West Ridge Mine
Permit Number	C/007/0041	Permit expiration Date	4-1-19
Operator Name	West Ridge Resources, Inc.	Phone Number	+1 (435) 888-4000
Mailing Address	PO Box 910	Email	kmadsen@coalsource.com
City	East Carbon		
State	UT	Zip Code	84520

DOGM File Location or Annual Report Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	
Refuse Piles	<input type="checkbox"/> Required <input type="checkbox"/> Not Required	
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Sediment Pond annual certification included.
Other:		

OPERATOR COMMENTS

Annual sediment pond survey is included.

REVIEWER COMMENTS Met Requirements Did Not Meet Requirements

The Permittee provided a professional engineer certified (PE stamped) impoundment inspection report. The inspection was conducted on December 27th, 2017. No evidence of instability or structural weakness was noted. The accumulated sediment elevations for both the upper (Cell A) and lower (Cell B) cells were well below the 60% clean-out elevation. (SKC)

COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted with 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: SOIL SAMPLING OF FILL AT T1, T2 AND T3

Objective: To protect buried substitute topsoil in the fill. Collect a composite sample from several locations near each site to obtain a more average value.

Frequency: Annual evaluation during field season.

Status: Ongoing beginning in 2010.

Reports: Annual report

Citation: MRP, Volume 1, Appendix 2-6 addendum, pg. 3 and Volume A, Map 2-4

OPERATOR COMMENTS

As per Lisa Reinhardt, requirements for soil sampling of fill at sites T1, T2, and T3 were fulfilled in 2016.

REVIEWER COMMENTS Met Requirements Did Not Meet Requirements

6/26/2018, PB. Appendix 2-6, p. 4 was amended to require sampling of soil locations at T1, T2, and T3 at final reclamation (Outgoing document 09082017.5509). This commitment will be removed from the annual reporting form.

Title: SUBSIDENCE MONITORING

Objective: To monitor subsidence from longwall mining practices. Subsidence monitoring of panels until the effects of mining have stabilized and vertical movement is less than six inches per year.

Frequency: annual

Status: Ongoing

Reports: annual report

Citation: MRP, Volume 2, Chapter 5, page 5-23b to 5-23e

Operator Comments

Subsidence Monitoring information is included.

Reviewer Comments Met Requirements

Did Not Meet Requirements

A subsidence study compiled by Olympus Aerial Surveys, Inc is included in the annual report. The study is comprised of a list of monitoring points that were established in 2004 and resurveyed on September 17, 2017. Most points display a measurable amount of elevation difference, with several points exceeding 4 feet of vertical displacement. This report satisfies the subsidence monitoring requirement. JE

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: RECLAMATION MONITORING

Objective: Visually assess the revegetation success.

Frequency: Quarterly for the first three years and annually in June of each year thereafter

Status: Implement at reclamation

Reports: Annual Report

Citation: MRP, Volume 1, Chapter 3, page 3-16, paragraph 2

Title: SOIL SAMPLING OF FINAL GRADED FILL AT CATCHMENTS A, C AND E

Objective: At final reclamation, the reclaimed surface soils of the catchments will be tested for pH, EC and SAR to allow for the evaluation of the salinity and the need for a revision or addition to the final seed mix to enhance germination and establishment.

Frequency: Once after final grading

Status: Future commitment

Reports: Provide information to the Division

Citation: MRP, Volume 2, Appendix 5-15, Attachment 9, page 14

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:

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Citation: MRP, Volume 2, Appendix 5-15, Attachment 9, page 14

Soil sampling of catchment structures has been completed by Mt. Nebo Scientific and is included in this report. All catchment sites have been fully reclaimed and approved by the BLM (Connie Lechin)

REVIEWER COMMENTS

6/26/2018, PB. Catch basin A was reclaimed in October 2016. The soil was sampled and analyzed for pH, EC, and SAR. All parameters rated "good" for reclamation (Soil Sampling at Catchment Basin A for the West Ridge Mine, Utah 2017. [Mt. Nebo Scientific] In. 2017 Annual Report). This commitment will be removed from the annual reporting form.

