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DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 30, 2015

Karin Odendahl, Resident Agent
Genwal Resources Inc.
P.O. Box 910
East Carbon, Utah 84520

Subject: 2014 Annual Report Review Completion, Crandall Canyon Mine, C/015/0032, Task ID #4799

Dear Ms. Odendahl:

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

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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	Genwal Resources Inc.	Mine Name	Crandall Canyon Mine
Permit Number	C/015/0032	Permit expiration Date	2018-05-13
Operator Name	Utah American Energy	Phone Number	+1 (435) 888-4000
Mailing Address	P.O. Box 910	Email	dhibbs@coalsource.com
City	East Carbon		
State	Utah	Zip Code	84520

DOGM File Location or Annual Report Location

Excess Spoil Piles

- Required
 Not Required

Refuse Piles

- Required
 Not Required

Impoundments

- Required
 Not Required

Sediment Pond annual certification is included.

Other:

OPERATOR COMMENTS

REVIEWER COMMENTS

- Met Requirements Did Not meet Requirements

The annual impoundment inspection reports were submitted for both the Burma Evaporation Basin and the Crandall Canyon Mine sites primary sediment pond. No evidence of instability, structural weaknesses or visible hazards were observed for either of the impoundments. Robert Jay Marshall (State of Utah Professional Engineer #152606) stamped and signed both of the impoundment reports.

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: MACROINVERTEBRATE SAMPLING

Objective: To monitor macroinvertebrate populations in Crandall Creek

Frequency: Annually, during the spring and fall beginning in 2009.

Status: Spring and Fall 2012 reports are due to the Division.

Reports: Submit surveys in annual report.

Citation: MRP, Volume A Text, Chapter 3, page 3-17.

Operator Comments

Macroinvertebrate Study results included in Annual Report.

Reviewer Comments Met Requirements Did Not Meet Requirements

EIS Environmental & Engineering Consulting (EIS) collected benthic macro invertebrate samples from Crandall Creek in the Spring and Fall of 2014. From 2009 to 2013, the creek was sampled by JBR Environmental Consultants, Inc. (JBR). EIS was provided with the data collected by JBR since September 2009. The survey results generally show reduced habitat quality and less than optimal conditions. It does appear that the upper and the lower reach are increasing in quality standards or staying fairly stable since 2009. In the middle reach, the overall quality seems to be lower than the other two reaches; however multiple metrics indicate that it is improving compared to early years sampled. (LR 4/10/15)

Title: SUBSIDENCE MONITORING

Objective: To determine subsidence effects from mining. Please provide a map that shows the locations of the monitoring points to compare variations due to mining.

Frequency: Annually

Status: Ongoing.

Reports: Submit surveyed monitoring data and map to Division annually.

Citation: MRP, Volume B, Chapter 5, Section 5.25.14, page 5-25.

Operator Comments

Included in Annual Report.

Reviewer Comments Met Requirements

Did Not Meet Requirements

Per commitments outlined in the MRP 5.25.14 Subsidence Monitoring Plan, subsidence information was provided with pertinent subsidence data. The survey data includes an easting, northing, and elevation for each subsidence monitoring point starting at the baseline in 2004 and continuing annually to 2014. A second data set showing the relative elevation difference from 2013 to 2014 for each of the 20 monitoring points. The subsidence observed consistently ranged from 0 to 0.5 feet, with upheavel in eight instances. The variance in the range of subsidence observed can be attributed to the margin of error for the equipment and method used to conducted the subsidence survey. The Permittee has addressed the requirements of this commitment. (CP-6/9/15)

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: RECLAMATION OF CULVERT

Objective: To reclaim part of the culverted section of the stream which provided habitat to the cutthroat trout population. And enhancement of the stream below the mine discharge point due to the impact on the stream habitat and aquatic wildlife that occurred because of the iron-laden water discharge.

Frequency: Once during reclamation.

Status: Needs to be completed as soon as possible.

Reports: Submitted to the Division upon project completion.

Citation: MRP, Volume A, Chapter 3, page 3-16

Title: RAPTOR SURVEYS

Objective: To monitor raptor activity and nesting within and adjacent to the permit area.

Frequency: Every three years, or annually if a.) UDWR recommends it, b.) it will not unduly harrass raptors, or c.) it if is prudent to insure raptor safety and/or habitat. Raptor surveys are not required if the mine is not active AND no significant activity is taking place.

Status: Surveys required prior to installation of any discharge treatment facilities or prior to reclamation work.

Reports: In annual report.

Citation: MRP, Volume A, Chapter 3, page 3-17.

OPERATOR COMMENTS (OPTIONAL)**REVIEWER COMMENTS**

NA- As the mine is not currently active, the Raptor Survey commitment is not applicable at this time. (Steve Christensen June 26th, 2015)

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:

Reviewer Comments

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	Included at end of Report	<input checked="" type="checkbox"/>	<input 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 Permittee included a mine map with location of panels and mining operations. As the mine has been in temporary cessation since 2007, no changes have been made to the mine-plan or the underground workings. The mine maps meet the Division's requirements to show projected mining operations. (CP-6/9/15)

While a subsidence map was not supplied with the annual report the appropriate subsidence table was provided meeting the Division requirements (CP-6/9/15).