



State of Utah

Department of  
Environmental Quality

Dianne R. Nielson, Ph.D.  
*Executive Director*

DIVISION OF WATER QUALITY  
Walter L. Baker, P.E.  
*Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY HERBERT  
*Lieutenant Governor*

April 14, 2006

Mr. Gary Gray, Mining Engineer  
Genwal Resources, Inc.  
P.O. Box 1077  
Price, Utah 84501

*Incoring  
4/20/06*

Subject: UPDES Inspection – Crandall Canyon Mine (UT0024368)

Dear Mr. Gray:

On April 12, 2006 I met with Mr. Tom Hurst and conducted a reconnaissance inspection in regards to Genwal Resources-Crandall Canyon Mine and UPDES Permit No. UTG040023. Mr. Steve Fluke of the Division of Oil, Gas & Mining was also present as we observed the sediment pond, outfall locations, mine water discharge and the receiving waters of Crandall Creek.

I appreciated the efforts of both you and Mr. Hurst to facilitate the inspection. Enclosed is a copy of the inspection report for your records. If you have any questions, please contact me at (801) 538-6779 or by e-mail at [jstudenka@utah.gov](mailto:jstudenka@utah.gov).

Sincerely,

*Jeff Studenka*

Jeff Studenka, Environmental Scientist  
UPDES Permits Section

Enclosures

cc (w/encl): Darcy O'Connor, EPA Region VIII  
Claron Bjork, SE District Health Department  
Dave Ariotti, SE District Engineer  
Pam Grubaugh-Littig, Division of Oil Gas & Mines

F:\wp\Genwal\RI2006cov.ltr.doc

**Section A: National Data System Coding**

Transaction Code	NPDES	Yr/Mo/Day	Inspection Type	Inspector	Facility Type
1 <u>N</u>	2 <u>  </u>	3 <u>UT0024368 11</u>	12 <u>06/04/12</u>	17 <u>  </u>	18 <u>R</u>
19 <u>S</u>	20 <u>2</u>	Remarks			
21 <u>  </u>	-----Reserved-----				
Inspection Workdays	Facility Evaluation Rating	BI	QA	Reserved	
67 <u>0.2</u>	69 <u>  </u>	70 <u>4</u>	71 <u>D</u>	72 <u>N</u>	73 <u>  </u> 74 <u>  </u> 75 <u>  </u> 80 <u>  </u>

**Section B: Facility Data**

Name & Location of Facility Inspected GENWAL RESOURCES, INC. HUNTINGTON CANYON HUNTINGTON, UTAH	Entry Time/Date 1:30 04/12/2006	Permit Effective Date 12/1/2005
	Exit Time/Date 15:00 04/12/2006	Permit Expiration Date 8/31/2010
Name(s) of On-Site Representative(s) TOM HURST	Title(s) ENGINEER	Phone #(s) 435-888-4023
Name, Address of Responsible Official GARY GRAY GENWAL RESOURCES, INC. P.O. BOX 1077 PRICE, UT 84501	Title ENGINEER	
	Phone # 435-888-4015	Contacted YES

**Section C: Areas Evaluated During Inspection**

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated, NA = Not Applicable)

S	Permit	S	Flow Measurement	NA	Pretreatment	S	Operations & Maintenance
S	Records/Reports	N	Laboratory	NA	Compliance Schedules	NA	Sludge Disposal
S	Facility Site Review	S	Effluent/Receiving Water	S	Self-Monitoring Program	N	Other

**Section D: Summary of Findings/Comments (Attach additional sheets if necessary)**

SEE ATTACHED SHEET

Name(s) & Signatures of Inspector(s) JEFF STUDENKA <i>Jeff Studenka</i>	Agency/Office/Telephone DEQ/Division of Water Quality (801) 538-6779	Date 4-14-06
N/A		Date
Signature of Reviewer Michael Herkimer, Manager UPDES Permits Section <i>Michael Herkimer</i>	Agency/Office DEQ/Division of Water Quality	Date 4/14/06

**Regulatory Office Use Only**

Action Taken	Date	Compliance Status Noncompliance Compliance
--------------	------	--

## **INSPECTION PROTOCOL**

UPDES Permit #: UT0024368  
Inspection Type: Reconnaissance Inspection  
Inspection Date: April 12, 2006

Jeff Studenka of the Division of Water Quality (DWQ) and Steve Fluke of the Division of Oil, Gas & Mining met with Tom Hurst representing Genwal Resources, Inc. The purpose and scope of the inspection were explained and a facility tour was conducted. Discharge Monitoring Report (DMR) forms for the Genwal facility were hand delivered to Mr. Hurst.

## **FACILITY DESCRIPTION**

Location: Within Manti-LaSal National Forest, approximately 1.5 miles up Crandall Canyon, in Huntington Canyon, near Huntington, Utah

Coordinates: Outfall 001 – 39° 27' 38" latitude, -111° 09' 38" longitude  
Outfall 002 – 39° 27' 38" latitude, -111° 09' 59" longitude

Average Flow: 0.74 MGD

Receiving water: Crandall Creek to Huntington Creek

Process: Underground coal mining operation utilizing long-wall technology. Water from the mine is conveyed to a below ground settling pond, where it is then piped out of the mine and discharged to the Crandall Creek culvert (Outfall 002). Surface water is conveyed to an above ground settling pond with a discharge point (Outfall 001) to Crandall Creek. Outfall 001 has not discharged in many years.

## **INSPECTION SUMMARY**

There were no deficiencies noted during the last inspection for follow up. This inspection was limited to outside the mine where the water collection and distribution systems are exposed. The two outfall locations were observed as well as the receiving waters of Crandall Creek. Another inspection will be scheduled in the near future to include the storm water and recordkeeping requirements. As a reminder, DMR forms are due by the 28<sup>th</sup> of each month for the previous month's monitoring, including the quarterly biomonitoring as appropriate.

## **DEFICIENCIES**

No deficiencies with respect to the UPDES permit were noted during the inspection.

## **REQUIREMENTS**

None.

**RECOMMENDATIONS:**

Some general housekeeping observations included the need for cleaning and/or maintenance of the surface water runoff conveyances within the disturbed areas, as well as the area proximal to the hazardous materials storage building.