



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150032
Inspection Type:	COMPLETE
Inspection Date:	Thursday, November 03, 2016
Start Date/Time:	11/3/2016 10:00:00 AM
End Date/Time:	11/7/2016 1:00:00 PM
Last Inspection:	Thursday, October 13, 2016

Representatives Present During the Inspection:	
Company	Karin Madsen
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Sunny, 40's, Dry Gound

InspectionID Report Number: 5688

Accepted by: DHADDOCK

11/17/2016

Permittee: **GENWAL RESOURCES INC**
 Operator: **GENWAL RESOURCES INC**
 Site: **CRANDALL CANYON MINE**
 Address: **PO BOX 910, EAST CARBON UT 84520-0910**
 County: **EMERY**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **INACTIVE**

Current Acreages

1,257.75	Total Permitted
34.23	Total Disturbed
11.89	Phase I
	Phase II
	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The site is inactive except for the iron treatment pond. This treatment facility is automated.

The guards at the site have been removed. The permittee installed a chain link fence to protect property since no one will be at the site.

Water samples were taken.

Stephen J. Demczak

Inspector's Signature:

Steve Demczak,
Inspector ID Number: 39

Date Monday, November 03, 2016



Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining. telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

The permittee has no permitting actions with the Division at this time.
DOGM Permit – Expires on May 13, 2018.
SPCC Plan - P.E. Certified on Aug 14, 2014
UPDES Permit- April 30, 2016 The permittee is waiting for another permit from the Department of Water Quality. The permit has been written but permittee has not received the document.

2. Signs and Markers

2. I inspected the identification sign and it meets the requirements of the R645 Coal Rules at the Genwal mine. See Photo

3. Topsoil

3.I inspected the topsoil piles and I did not see any signs of wind or water erosion. The topsoil piles appear to be stable. See Photo

4.a Hydrologic Balance: Diversions

The diversions and culverts were open and functioning as design. See Pictures

4.b Hydrologic Balance: Sediment Ponds and Impoundments

I inspected the sediment pond. It contained some water but was not discharging. It is unlikely this structure will discharge in the near future. The embankments appear to be stable. Inlets and outlets would function as design. I did not see any hazardous conditions to this structure. The permittee conducted a third quarter sediment pond inspection on September 2, 2016. No hazardous conditions were reported. See Photos

4.d Hydrologic Balance: Water Monitoring

Water monitoring information is taken by the permittee and is sent electronically to the Division in Salt Lake City. This information is reviewed and analyzed by the Division staff. A report is written. The permittee was in compliance with the UPDES permit for the third quarter.

Flow: 268 gal/min

Floc: 3.5

Coag: 12.9

4.e Hydrologic Balance: Effluent Limitations

The permittee was in compliance with the UPDES permit for the third quarter.

8. Noncoal Waste

The property was clear of non-coal waste materials such as oil, trash and grease cans.

10. Slides and Other Damage

No slides or other damage was noticed during the inspection. The mine site appears to be stable.

14. Subsidence Control

Subsidence information is given in the Annual Report. This information is reviewed by the Engineer in Salt Lake City.

15. Cessation of Operations

The mine site is inactive except for the water treatment facility.

16.a Roads: Construction, Maintenance, Surfacing

This is a USFS road to and through the mine

16.b Roads: Drainage Controls

I inspected the road diversions and culverts throughout the property. They were functioning as designed. These structures were open. See Pictures

18. Support Facilities, Utility Installations

No new facilities constructed since the last inspection.

19. AVS Check

20. Air Quality Permit

AVS checks are made in Salt Lake City.

21. Bonding and Insurance

The insurance is provided by Reschini Agency Inc,. Policy number is 3711 54 55 and expires on June 6, 2017. The bond is for the amount of \$2,327,000







TOP



TOP
OF
SOIL



A photograph showing a paved road in the foreground with several large, irregular cracks. To the right of the road, there is a patch of dry, yellowish-brown grass and a small, leafless, greyish shrub. In the background, a dense forest of evergreen trees covers a hillside. A white rectangular sign with a black border and the words "TOP SOIL" in black capital letters is mounted on a dark post in the middle ground. The lighting suggests late afternoon or early morning, with a soft glow on the upper part of the hillside.

TOP
SOIL



BUFFER
ZONE







GENWAL RESOURCES INC. (PERMITTEE) A SUBSIDIARY OF-

UtahAmerican Energy Inc.

P.O. BOX 910
EAST CARBON, UT 84521

(435) 888-4000

PERMIT # C 015/032



A rectangular white sign with a red border and rounded corners is mounted on a black post. The sign features the words "BUFFER" and "ZONE" in red, sans-serif capital letters, stacked vertically. The sign is positioned in a field of tall, yellow wildflowers with thin, upright stems. In the background, a dense forest of evergreen trees covers a hillside. The lighting is soft, suggesting an overcast day or late afternoon.

BUFFER
ZONE



















Pride & Partners













TOP



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OF
SOIL





TOP
SOIL



BUFFER
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**BUFFER
ZONE**



















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