



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:	PARTIAL
Inspection Date:	Tuesday, May 19, 2020
Start Date/Time:	5/19/2020 1:30:00 PM
End Date/Time:	5/19/2020 2:15:00 PM
Last Inspection:	Tuesday, February 25, 2020

Representatives Present During the Inspection:	
OGM	Justin Eatchel
Company	Karin Madsen

Inspector: Justin Eatchel

Weather: Clear and windy, 65F

InspectionID Report Number: 6670

Accepted by:

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:

This was the first inspection since February. No inspections were conducted in March or April due to concerns about spread of the Covid-19 virus. The site appeared stable and all of the snowpack has melted.

Inspector's Signature: _____

Justin Eatchel,

Inspector ID Number: 73

Date

Wednesday, May 20, 2020



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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4.a Hydrologic Balance: Diversions

The C-6 culvert behind the main office is open and unobstructed although silt is beginning to build at the inlet.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Sediment pond is currently not impounding much water.

4.d Hydrologic Balance: Water Monitoring

Mine water discharge flowrate = 359gpm. Flocculant and coagulant are currently not being applied. Samples were taken at 002 and pre-002 and delivered to the Utah State Health Laboratory in Taylorsville for processing.

10. Slides and Other Damage

No slides were observed anywhere on site. The road and embankment beside the lower sediment pond were stable.

11. Contemporaneous Reclamation

The Division is currently reviewing Division Order DO19B (Task# 6142) which outlines a newer, more current reclamation plan for this site.

13. Revegetation

The slopes between the main office and culvert C-6 were treated with seed several months ago in March and small shoots are now starting to take hold. This area was disturbed with heavy equipment last year when culvert C-6 was cleaned and an earthen berm built to divert burn scar debris flows away from the culvert inlet.

16.b Roads: Drainage Controls

Most of the culverts that divert drainage beneath FR 0248 appear to have been cleaned recently.

ATTACHMENT A – Crandall Canyon Partial Inspection, May 19, 2020



PHOTO 1 – WATER TREATMENT FACILITY

Overlooking the water treatment pond. Water sampling location Pre-002 is from the end of the white PVC left of center.



PHOTO 2 – TREATMENT POND OUTFALL

The water flowing through the trash rack is sampling point for UPDES discharge #002.



PHOTO 3 – WEEPING HIGHWALL

The face of the highwall overlooking the water treatment facility. No recent spalling or sloughing is evident.



PHOTO 4 – ARMORED DRAINAGE DITCH

Drainage ditch DD-7 and culvert C-3.

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PHOTO 5 – CRANDALL CREEK
The outfall of the 72" culvert beneath the main site.



PHOTO 6 – LOWER SEDIMENT POND
Currently not much water.



PHOTO 7 – USFS 0248 REINFORCED SECTION
Blocks and Gabions appear stable.



PHOTO 8 – USFS 0248 REINFORCED SECTION
Close up of repaired section.

ATTACHMENT A – Crandall Canyon Partial Inspection, May 19, 2020



PHOTO 9 – USFS 0248

No sloughing or cracking apparent.



PHOTO 10 – CULVERT C-6

Silt starting to collect at the mouth of the culvert.



PHOTO 11 – SEDIMENT MARKER

This is one of two sediment markers in the Lower Sediment Pond. The welded nut on the right side = 60% sediment capacity.



PHOTO 12 – CULVERT CLEARED

Several culverts that drain the slopes north of FR 0248 have been cleared recently.