



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:	Thursday, August 20, 2020
Start Date/Time:	8/20/2020 12:00:00 PM
End Date/Time:	8/20/2020 2:00:00 PM
Last Inspection:	Wednesday, July 29, 2020

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

Inspector: Justin Eatchel
 Weather: Partly cloudy, warm. 82F
 InspectionID Report Number: 6760
 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:

The Division met with Karin Madsen on the afternoon of August 20 to conduct a Partial inspection. Overall, the site appeared stable. Water continues to flow from the sealed portals, and samples were taken from the inlet to the water treatment pond and again at the UPDES #002 outfall. Samples were delivered to the Utah State Health Laboratory in Talyorsville immediately following the inspection.

Inspector's Signature:

Justin Eatchel,
 Inspector ID Number: 73

Date Monday, August 24, 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input 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 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"/>

4.a Hydrologic Balance: Diversions

Most diversions on site appear to be in good condition and are free of debris although the C-6 culvert behind the main office is accumulating silt and other debris at the inlet. Scamp Construction is scheduled to do maintenance work on site soon, and clearing this debris is one of the items they will be tasked with. Culverts that run beneath FR 0248 appear clear and unobstructed.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

No appearance of instability or other structural weakness were observed at the time of this inspection. The pond is currently impounding a small amount of murky water. The sediment markers are standing and in good condition and sediment levels are several inches beneath the 60% cleanout elevation of 7769.0'. The pond is currently not discharging and appears as though it has not discharged in quite some time.

4.d Hydrologic Balance: Water Monitoring

Water continues to discharge from the mine. Flowrate at the time of inspection = 294gpm. Flocculant and coagulant are not being applied to the mine water at this time. Samples were taken at UPDES #002 and pre-002 and delivered to the Utah State Health Laboratory in Taylorsville for processing. Samples were delivered on the same day as the inspection.

10. Slides and Other Damage

The rebuilt block wall beside the lower sediment pond appears to be stable and no signs of movement were visible. Gabion baskets appeared stable and in good operating condition.

11. Contemporaneous Reclamation

The Division is currently working with the Permittee to resolve Division Order DO19B which proposes to update to the reclamation procedures within the Mining and Reclamation plan. A series of meetings has been scheduled between the operator and Permittee whereby progress will be discussed and any issues resolved. Three meetings will be held, every other week beginning on September 3rd.

21. Bonding and Insurance

The Division will conduct a conference call with the Permittee and Richard White on Thursday, August 27 to discuss certain aspects of the reclamation bond in regards to Division Order DO19B.

ATTACHMENT A – Crandall Canyon Partial Inspection, August 20, 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. Seepage has been waning in recent months.


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
Looking southwest from atop the Gabion wall.



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, August 20, 2020



PHOTO 9 – USFS 0248
No sloughing or cracking apparent.



PHOTO 10 – CULVERT C-6
Silt collecting at the mouth of the culvert.

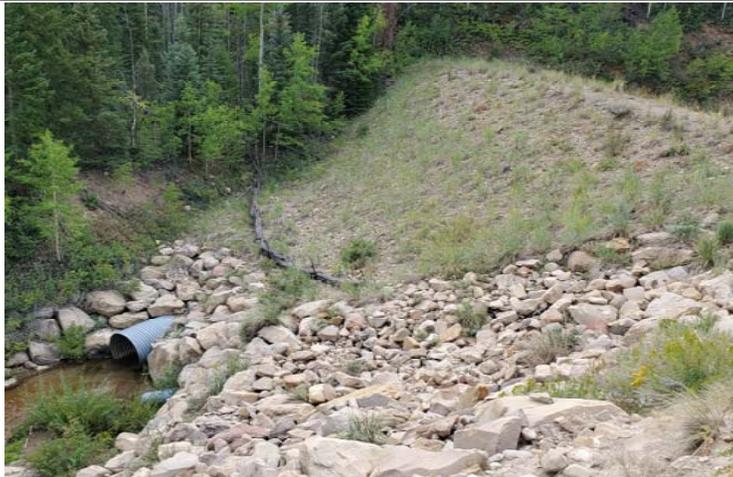


PHOTO 11 – CRANDALL CREEK OUTFALL
This photo also shows the west embankment adjacent to the sediment pond.