



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:	C0150018
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, May 14, 2019
Start Date/Time:	5/14/2019 10:00:00 AM
End Date/Time:	5/14/2019 12:30:00 PM
Last Inspection:	Tuesday, April 23, 2019

Representatives Present During the Inspection:	
OGM	Priscilla Burton
Company	Dennis Oakley
Company	Chuck Semborski

Inspector: Priscilla Burton,

Weather: overcast, light rain

InspectionID Report Number: 6421

Accepted by: SCHRISTE

5/15/2019

Permitee: **PACIFICORP**
 Operator: **INTERWEST MINING CO**
 Site: **DEER CREEK MINE**
 Address: **PO BOX 310, HUNTINGTON UT 84528**
 County: **EMERY**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

20,276.18	Total Permitted
57.38	Total Disturbed
2.93	Phase I
2.93	Phase II
2.93	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 inspection was of Rilda Canyon reclamation, which resumed this month. Topsoil redistribution is almost complete at the portal facilities. One third of the stockpile remains to be placed at the lower facilities pad in the vicinity of the existing catch basin. Reclamation yet to be completed includes removal of the catch basin and grading of surrounding area; and installation of four rock drainages. Two field changes were discussed.

Refer to Plate 700-4.

Inspector's Signature:

Priscilla Burton,
Inspector ID Number: 37

Date Tuesday, May 14, 2019



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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Topsoil

Topsoil has been redistributed at least 12 inches deep across the regraded subsoil at the main mine facilities. Topsoil is stockpiled in a berm adjacent to the sediment pond for redistribution there. One third of the stockpile remains and will be redistributed over the catch basin area of the main facilities. The stockpile was constructed on top of the reclaimed coal mine refuse. The barrier fabric which separated the stockpile from reclaimed ground has been removed. The soil remaining above the coal mine waste will be seeded.

4.a Hydrologic Balance: Diversions

Drainage rock is stockpiled adjacent to drainages RC-1, RC-2 and RC-3 shown on Plate 700-4. Field change #1: The need for an additional drainage between RC 1 and RC2 was noticed during run-off events after the 2018 Trail Mountain Fire. This drainage will be constructed similar to RC-1 to collect flow coming over the reclaimed slope and put it in the road borrow ditch. Field change #2: In order to avoid hitting the portal drain pipe, construction of RC-2 will tie in to the undisturbed slope approximately 5 feet higher in elevation and 10 - 12 feet horizontally beyond the disturbed area boundary shown on Plate 700-4. This field change will allow construction of the designed drainage to tie in to the existing undisturbed drainage, while avoiding damage to the pipe either with blades or the weight of equipment. Both changes were noted and deemed necessary. Both will be included in as-built drawings.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The sediment pond has been reclaimed. The catch basin area is being drained in preparation for grading.

7. Coal Mine Waste, Refuse Piles, Impoundments

A cap of topsoil cover remains over the mine waste previously buried on the Helco pad. This topsoil will be seeded. However, this pad will be immediately re-disturbed by the AML Helco coal-fire project and by the County/NRCS dyke construction for North Emery Water Users Spring protection.

13. Revegetation

Plans are to spray shredded hay onto the topsoiled surface, pock the slope, seed, and hydromulch.

16.b Roads: Drainage Controls

Culverts shown on Plate 700-4 will be placed across the roadway.

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22. Other

Rilda Creek is running approximately 5-6,000 gpm. In 2018, the USFS diverted Rilda Creek around the North Emery Water Users spring collection area. The stream has created a head cut at the outlet of this diversion. The County has secured NRCS funding to stabilize the diversion channel and to construct a dyke in the location of the Helco topsoil stockpile.

ATTACHMENT A – Deer Creek Rilda Inspection May 15, 2019



PHOTO 1 Looking up Helco Canyon at the remnant of topsoil stockpile. Helco Canyon. Smoldering coal on slope.



PHOTO 2 Looking across topsoil stockpile towards County road at debris logs brought by flooding.



PHOTO 3 Topsoiled slope on both sides of RC-1 drainage



PHOTO 4 Topsoiled slope above reclaimed portals (on each side of the small outcrop)

ATTACHMENT A – Deer Creek Mid-Term Inspection May 15, 2019



PHOTO 5 Location of RC-2 drainage



PHOTO 6 Drainage above RC-2



PHOTO 7 Looking upstream at RC-2. Arrows show approximate extent of disturbed boundary extension.



PHOTO 8 Location of new drainage