



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:	TECHNICAL
Inspection Date:	Wednesday, July 18, 2018
Start Date/Time:	7/18/2018 1:00:00 PM
End Date/Time:	7/18/2018 5:00:00 PM
Last Inspection:	Wednesday, June 13, 2018

Inspector: Priscilla Burton,
 Weather: sun 80 F
 InspectionID Report Number: 6196
 Accepted by:DHADDOCK
 7/27/2018

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

20,308.10	Total Permitted
91.63	Total Disturbed
0.60	Phase I
0.60	Phase II
0.60	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 conducted as part of the mid-term review. Over the past two years, the Rilda and Deer Creek portals were sealed. Water collection and flow monitoring devices were installed at both Rilda and Deer Creek portals. (Currently there is no discharge from the Deer Creek portal and less than 2 gpm from the Rilda portal.) During the inspection, Impact Demolition [contractor] was demolishing structures and salvaging materials at the Deer Creek and Rilda facilities. Both sites are scheduled for backfilling and grading in the next year. We discussed the reclamation process going forward at the Deer Creek and Rilda sites.

In June 2018, the Trail Mountain forest fire devastated the watershed surrounding the Rilda Facilities. Rilda vegetation reference areas were destroyed. In July 2018, the USFS (surface managing agency) constructed a sediment control structure in the Rilda Left Fork disturbed area. PacifiCorp will apply for a Phase III bond release of the Left Fork disturbed area.

Refer to Maps 3-9 Deer Creek Surface Facilities and 3-9A Rilda Canyon Surface Facilities.

Inspector's Signature: Priscilla Burton

Priscilla Burton,
 Inspector ID Number: 37

Priscilla Burton
 2018.07.31 17:13:22 -06'00'

Date Thursday, July 19, 2018



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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

1. Permits, Change, Transfer, Renewal, Sale

The waste rock site ownership is being transferred to Castle Valley Resources, LLC (Task 5721). PacifiCorp will apply for Phase III bond release of the Rilda Canyon Left Fork ventilation portal area and associated topsoil stockpile, which has been repossessed by the USFS for use as a sediment control structure.

3. Topsoil

Deer Creek substitute topsoil will come from the location of the buried by-pass culvert.

Rilda topsoil and subsoil pile vegetation was burned off in the fire. Rilda Left Fork access road topsoil pile (approximately 4,000 CY) will remain in its current location and be transferred with Phase III bond release of the Left Fork to the USFS, at their request.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The Deer Creek pond contained a small amount of water that will be decanted prior to reclamation.

7. Coal Mine Waste, Refuse Piles, Impoundments

Deer Creek waste piles in Elk Cyn and the main canyon have been relinquished by MSHA. Waste piles will be graded against the cut slopes.

8. Noncoal Waste

Rilda: An HDPE liner that covers the portal pad is being removed to a waste disposal site.

13. Revegetation

The reference areas for the Deer Creek facilities revealed no outside impacts from the recent forest fire or otherwise. However, the fire destroyed all but one of the Rilda Canyon reference areas. According to mine representatives present at the midterm inspection, the lone remaining reference area is the only one needed for the reclamation of the Rilda Right area. The reference areas destroyed were intended for the Rilda Left area, which will be the responsibility of the U.S. Forest Service following the Phase III bond release of the area. Confirmation of the sufficiency of the remaining reference area to provide properly referenced standards of success for the Rilda Right area reclamation will be required.

16.a Roads: Construction, Maintenance, Surfacing

Deer Creek: asphalt will be removed from the access road down to the point of County ownership, which is just above the C1/C2 transfer point.

18. Support Facilities, Utility Installations

The substation is gone. Powerlines are being removed.

22. Other

The 2017 Annual Report Map details portal closures, which we discussed during the inspection, as follows:

McKinnon portals were sealed in 2005. McKinnon portals are within the disturbed area boundary on a terrace above and south of the paved access road.

9th East Grimes Wash Portals sealed 1999 (and Phase III bond release in 2011).

North Fork Meetinghouse portals sealed Fall 2015, final reclamation was in 2016. Fire raged through this canyon and the status of the site is unknown .

Deer Creek portals were sealed in 2015, with water flow pipe and monitoring structure installed.

Left (South) Fork Ventilation portals sealed 2017. The USFS has constructed a catch basin for the watershed in the fan portal disturbed area.

Rilda 1st Right Portals were sealed 2017, with water flow pipe and monitoring structure installed.

ATTACHMENT A – Deer Creek Mid-Term Inspection July 31, 2018



PHOTO 1

Looking upstream at Deer Creek Facilities being demolished.



PHOTO 2

Looking down stream at the Deer Creek salt shed and fuel storage.



PHOTO 3 Elk Canyon. Asphalt will be removed and the drainage will be constructed to the sediment pond just below Elk Canyon.



PHOTO 4

Looking downstream at the Deer Creek sediment pond and conveyor.

ATTACHMENT A – Deer Creek Mid-Term Inspection July 31, 2018



PHOTO 5

Conveyor above Elk Canyon to reclaim tunnel

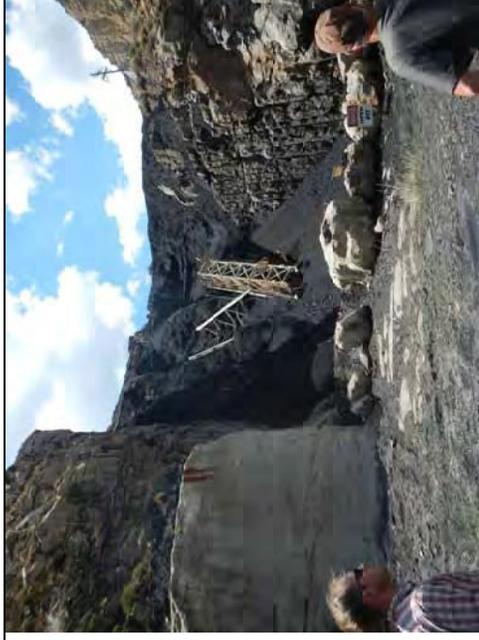


PHOTO 6

Elk canyon reclaim tunnel location



PHOTO 7

Elk Cyn coal refuse and reclaim tunnel access



PHOTO 8

Rilda burned stream channel adjacent to portal pad

