



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:	C0150019
Inspection Type:	PARTIAL
Inspection Date:	Monday, July 18, 2016
Start Date/Time:	7/18/2016 2:00:00 PM
End Date/Time:	7/18/2016 4:00:00 PM
Last Inspection:	Monday, June 20, 2016

Representatives Present During the Inspection:	
OGM	Lisa Reinhart
OGM	Amanda Daniels
Company	Dennis Oakley

Inspector: Lisa Reinhart
 Weather: overcast with light rain in the 60'a
 InspectionID Report Number: 5580
 Accepted by: JHELFRIC
 7/21/2016

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

Current Acreages		Mineral Ownership	Types of Operations
4,088.33	Total Permitted	<input checked="" type="checkbox"/> Federal	<input checked="" type="checkbox"/> Underground
27.83	Total Disturbed	<input type="checkbox"/> State	<input type="checkbox"/> Surface
21.30	Phase I	<input type="checkbox"/> County	<input type="checkbox"/> Loadout
21.30	Phase II	<input checked="" type="checkbox"/> Fee	<input type="checkbox"/> Processing
21.30	Phase III	<input type="checkbox"/> Other	<input type="checkbox"/> Reprocessing

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

Inspected the Cottonwood Fan Portal in Cottonwood Canyon. Traversed the reclaimed area and observed revegetation conditions, erosion control, UPDES discharge, signage and reference area site location.

Digitally signed by Lisa Reinhart
 DN: cn=Lisa Reinhart, o=DOGM Coal, ou=2410, email=lreinhart@utah.gov, c=US
 Date: 2016.08.08 15:54:05 -06'00'

Inspector's Signature:

Lisa Reinhart,
 Inspector ID Number: 69

Date Wednesday, July 20, 2016



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 checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 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 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"/>

2. Signs and Markers

Signs and markers were posted and clearly legible.

4.c Hydrologic Balance: Other Sediment Control Measures

Deep gouging over the sloped has resulted in minimal to no sediment movement on the reclaimed site. There were no rills or cuts observed. Waddles line the drainage and they are in good condition and functioning as designed.

13. Revegetation

The currently approved MRP describes a revegetation plan (see part 4 pages 24 and 25) that includes planting of containerized stock of shrubs and trees. Recent reclamation history has shown that due to very low precipitation and poor soil conditions of the area, the potential for hand planted tree establishment is very low. Furthermore, due to ecological conditions of the area, trees may not be appropriate or necessary for wildlife habitat.

The Division recommends the Permittee re-evaluate and amend the current MRP for success standards pursuant to R645-301-356. More specifically, the Division requires consultation and coordination with the USFS and DWR on appropriate minimum stocking and planting arrangements based on regional conditions in accordance with R645-301-356.231. Because the Permittee is currently revising the reclamation plan to adjust sediment control measures, the proposed revised reclamation plan should also address success standards as described above.

22. Other

Located the Pinyon Juniper reference location which is upslope from the old cabin. Markers indicate the four corners of the area to be used as a reference site. The reference site is generally the same slope, aspect, and ecological site as that of the reclaimed site.

ATTACHMENT A – Cottonwood/Wilberg Mine, Trail Mountain Access, 7/18/16



ATTACHMENT A – PJ Reference Site At Cottonwood Fan Portal, Trail Mountain Access 7/18/16

