State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	**C0150019**
Inspection Type:	PARTIAL
Inspection Date:	Thursday, December 13, 2018
Start Date/Time:	12/13/2018 2:00:00 PM
End Date/Time:	12/13/2018 3:30:00 PM
Last Inspection:	Tuesday, November 27, 2018

Inspector: Justin Eatchel,

Weather: Sunny and clear. 29F

InspectionID Report Number: 6325

Accepted by:

Representatives Present During the Inspection:
OGM Justin Eatchel

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

4,092.00	**Total Permitted**
27.83	**Total Disturbed**
21.30	**Phase I**
21.30	**Phase II**
21.30	**Phase III**

Mineral Ownership

- [x] **Federal**
- [ ] **State**
- [ ] **County**
- [x] **Fee**
- [ ] **Other**

Types of Operations

- [x] **Underground**
- [ ] **Surface**
- [ ] **Loadout**
- [ ] **Processing**
- [ ] **Reprocessing**

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

This partial inspection was completed on the afternoon of Thursday, December 13, 2018. There was snow on the ground, but was most prevalent in the shady locations as the snow had melted off in areas of full sunshine.

Inspector's Signature: Justin Eatchel **Date** Tuesday, December 18, 2018

Justin Eatchel,
Inspector ID Number: 73

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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UTAH DNR OIL, GAS & MINING

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Inspection Continuation Sheet

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 performace 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	☐	☐	☐	☐
2. Signs and Markers	☑	☐	☑	☐
3. Topsoil	☑	☐	☑	☐
4.a Hydrologic Balance: Diversions	☑	☐	☑	☐
4.b Hydrologic Balance: Sediment Ponds and Impoundments	☐	☑	☐	☐
4.c Hydrologic Balance: Other Sediment Control Measures	☑	☐	☐	☐
4.d Hydrologic Balance: Water Monitoring	☐	☐	☐	☐
4.e Hydrologic Balance: Effluent Limitations	☐	☐	☐	☐
5. Explosives	☐	☑	☐	☐
6. Disposal of Excess Spoil, Fills, Benches	☐	☑	☐	☐
7. Coal Mine Waste, Refuse Piles, Impoundments	☑	☐	☐	☐
8. Noncoal Waste	☑	☐	☐	☐
9. Protection of Fish, Wildlife and Related Environmental Issues	☑	☐	☑	☐
10. Slides and Other Damage	☑	☐	☐	☐
11. Contemporaneous Reclamation	☑	☐	☐	☐
12. Backfilling And Grading	☑	☐	☐	☐
13. Revegetation	☑	☐	☐	☐
14. Subsidence Control	☐	☑	☐	☐
15. Cessation of Operations	☐	☑	☐	☐
16.a Roads: Construction, Maintenance, Surfacing	☐	☑	☐	☐
16.b Roads: Drainage Controls	☐	☑	☐	☐
17. Other Transportation Facilities	☐	☑	☐	☐
18. Support Facilities, Utility Installations	☐	☑	☐	☐
19. AVS check	☐	☐	☐	☐
20. Air Quality Permit	☐	☐	☐	☐
21. Bonding and Insurance	☐	☐	☐	☐
22. Other	☐	☐	☐	☐

2. Signs and Markers

The permit sign at the entrance was in good condition and contained accurate information.

3. Topsoil

The pocked topsoil appeared to be stable in all areas that were inspected. The cups all appeared to be holding their shape, and there was nowhere on site that appeared as if the topsoil was sloughing or rilling in any way. Snow was present on the shady side of the cups most everywhere, and the cold weather has arrested any vegetation that may have started growing in the late Autumn months.

4.a Hydrologic Balance: Diversions

All engineered drainages and rip-rapped channels appeared to be stable and functioning.

9. Protection of Fish, Wildlife and Related Environmental Issues

There were quite a few small flocks of songbirds present on site, apparently feeding on seeds present in the topsoil.

ATTACHMENT A – December 13, 2018 Partial inspection

PHOTO 1 – POSTED PERMIT, MAIN SITE
This sign is posted right where the County road terminates and the reclaimed disturbance begins.

PHOTO 2 – END OF THE ROAD
Everything including the main access road is reclaimed beyond the boulders.

PHOTO 3 – MAIN CHANNEL
Main channel armored with rip rap. Snow persists in areas that are mostly shaded.

PHOTO 4 – CONFLUENCE
The confluence of the channel where left and right forks meet.

ATTACHMENT A – December 13, 2018 Partial inspection

PHOTO 5 – FLOWMETER
ISCO flowmeter installed where runoff flows through the disturbed area boundary into the main channel of right fork.

PHOTO 6 – FLOWMETER
Same type of ISCO flowmeter as in Photo 5 but installed lower in the canyon where the main channel exits the disturbed area.

PHOTO 7 – RAIN GAUGE
Rain gauge installed at the confluence of the right and left forks.

PHOTO 8 – RAIN GAUGE
Another view of the rain gauge plus a glimpse of the pocked topsoil at the confluence and beyond.