



# 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:	<b>C0150019</b>
Inspection Type:	COMPLETE
Inspection Date:	Friday, May 3, 2019
Start Date/Time:	5/3/2019 10:00:00 AM
End Date/Time:	5/3/2019 2:00:00 PM
Last Inspection:	Wednesday, April 17, 2019

Representatives Present During the Inspection:	
OGM	Keenan Storrar
Company	Dennis Oakley

Inspector: Keenan Storrar

Weather: Sunny, 65 F

InspectionID Report Number: 6418

Accepted by:

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	<b>Total Permitted</b>
29.37	<b>Total Disturbed</b>
21.30	<b>Phase I</b>
21.30	<b>Phase II</b>
21.30	<b>Phase III</b>

#### 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 Cottonwood-Wilberg site inspection for permit compliance and reclamation stability took place on May 3, 2019.

**Inspector's Signature:**

Keenan Storrar,  
Inspector ID Number: 71

**Date**

Thursday, May 9, 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](http://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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

A minor amendment to revise the water monitoring program is being processed by the Division.

**2. Signs and Markers**

The correct signage is present at the entrance to the reclaimed site.

**3. Topsoil**

Topsoil is stable across the site.

**4.a Hydrologic Balance: Diversions**

Diversions are functioning as designed. There are no instabilities along the length of the reclaimed channels.

**4.c Hydrologic Balance: Other Sediment Control Measures**

The hillslopes are stable and the pocks are functioning as designed. A few of the pocks contained standing water. Hillslope sediment is stable and is being captured in the base of the pocks.

**4.e Hydrologic Balance: Effluent Limitations**

The ISCO samplers have been installed above and below the main mine site. A stilling well for the ISCO sampler has been installed in the Left fork of Grimes wash.

**10. Slides and Other Damage**

Backfilled and reclaimed hillslopes are stable. There is no sign of slides or slope instability.

**13. Revegetation**

Vegetation is beginning to be established in the bottom of the pocks.

**21. Bonding and Insurance**

The mine is insured by Associated Electric and Gas Insurance Services Limited. The effective coverage is from 08/15/2018 through 08/15/2019.

The Division holds a surety bond in the amount of \$2,779,000.00 for the site. The Phase I Bond release received Final Approval on May 7, 2019. It is anticipated the Permittee will submit an amendment to reduce their bond liability for the site.

**ATTACHMENT A – Photos May 3, 2019 site visit**



**PHOTO 1**  
ISCO stilling well sampling device installed  
May 3, 2019



**PHOTO 2**  
Ground control point with reclaimed site in background  
May 3, 2019



**PHOTO 3**  
Right fork of Grimes wash is stable  
May 3, 2019



**PHOTO 4**  
Left fork of Grimes wash is stable  
May 3, 2019