



# 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:	COMPLETE
Inspection Date:	Wednesday, March 27, 2019
Start Date/Time:	3/27/2019 9:30:00 AM
End Date/Time:	3/27/2019 2:00:00 PM
Last Inspection:	Tuesday, January 29, 2019

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

Inspector: Keenan Storrar

Weather: Sunny

InspectionID Report Number: 6383

Accepted by: SCHRISTE

4/1/2019

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 March 27, 2019. The weather was sunny. The site was 75% covered by snow that was up to three feet deep in some areas.

Inspector's Signature:

Keenan Storrar,  
Inspector ID Number: 71

Date

Monday, April 1, 2019



**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 type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

The Permittee has submitted a Phase I Bond Release application that is being reviewed by the Division under Task #5869. The application is requesting to reduce its bond liability by 60% from \$2,365,895.00 down to \$946,358.00. The Division has scheduled a bond release inspection date of April 17, 2019.

### **4.a Hydrologic Balance: Diversions**

Diversions were primarily covered with snow. The diversions that did not have snow coverage were in good shape and functioning as designed.

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

Hillslopes were mostly covered with snow. There did not appear to be any sediment erosion occurring at the site.

The Rock and Soil Storage Area is stable and shows no signs of erosion.

### **4.d Hydrologic Balance: Water Monitoring**

The Permittee has submitted the 1st quarter water monitoring to the Division.

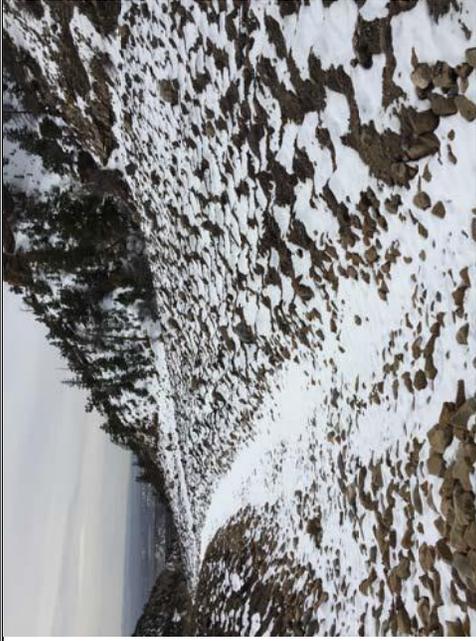
## **11. Contemporaneous Reclamation**

The site is completely reclaimed. The Division is currently processing a Phase I Bond release application submitted by the Permittee on March 4, 2019.

## **21. Bonding and Insurance**

The mine's calculated reclamation bond in the MRP is \$2,365,895. The Division holds a surety bond in the amount of \$2,779,000.00 for the site.

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

<b>ATTACHMENT A – Photos March 27, 2019 site visit</b>	
 <p><b>PHOTO 1</b> Rock and Soil Storage area is stable March 27, 2019</p>	 <p><b>PHOTO 2</b> Mine site mostly covered by snow March 27, 2019</p>
 <p><b>PHOTO 3</b> Upper diversion covered by snow March 27, 2019</p>	 <p><b>PHOTO 4</b> Snow free areas are stable and show no sediment erosion March 27, 2019</p>