



# 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:	BOND RELEASE
Inspection Date:	Tuesday, March 24, 2020
Start Date/Time:	3/24/2020 10:00:00 AM
End Date/Time:	3/24/2020 2:00:00 PM
Last Inspection:	Tuesday, February 11, 2020

Representatives Present During the Inspection:	
Company	Dennis Oakley
OGM	Steve Demczak

Inspector: Steve Demczak

Weather: Cloudy, 30's

InspectionID Report Number: 6657

Accepted by: SCHRISTE

3/31/2020

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:

This is an inspection for a Phase II and III Bond Release of 0.08 acres. The 0.08 acres will be used as an Emery County truck turn around. This area will be used mostly in the winter time for snow plows to turn and go back down the road. This area did receive Phase 1 Bond Release on May 7, 2019. However, this area's contours have been changed from it's Phase 1 constructed hillside into a level area for a truck turnaround. The Division approved construction of the truck turn-around on October 24, 2019. Emery County Road Department did the construction of the turn-around. All designs and calculations were done by Johansen and Tuttle Engineering.

Stephen J. Demczak

Inspector's Signature:

Steve Demczak,  
Inspector ID Number: 39

Date Tuesday, March 24, 2020



**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 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" 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**

On March 3, 2020 the Division received an application by Interwest Mining Company for a Phase II and III bond Release of 0.080 acres for a truck turnaround area. Once approved by the Division and Office of Surface Mining (OSM) this area will be removed from the Cottonwood permit area. This area received Division approval on October 24, 2019 for construction of the turnaround. The construction work has been completed. See photos

## **2. Signs and Markers**

The road department has installed a sign stating "Snow Plow Turn around". See Photo

## **3. Topsoil**

The Emery County removed any topsoil, subsoil and rocks from this turnaround of 0.08 acres. Road base was laid down and compacted. See Photos

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

The permittee installed an 18 inch culvert between the turnaround and the main road. The culvert will transport water from the hillside and the main road. The culvert replaced the road diversion in this area. It enables trucks to turn around easily without going in to a ditch. The inlet side of the culvert is protected by rocks. See Photos

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

The road base/gravel can be considered as sediment treatment for this 0.080 acres. I did not see any offsite impacts. The turn around was stable. Offsite impacts or evidence of erosion were not observed at the time of the inspection. However, the cutslope could erode during a rainstorm. The cutslope has not been stabilized. See Section 10 for more detail.

## **10. Slides and Other Damage**

The turnaround was developed by removing the material from the hillside. A greater than 2:1 slope was formed with no stabilization measures in place. It is likely that erosion will occur on and above this cutslope after a rainstorm. The area above the cutslope is currently in year 6 of the liability period. Rills will likely form in the Phase I bond released area above the cutslope. If rills are formed in the Phase I area; it is unlikely the permittee will receive Phase II and III bond release. It is recommended that additional action be taken to prevent erosion of the Phase I area above the turnaround or reduce the cutslope angle to 2:1.

## **12. Backfilling And Grading**

The 0.080 acres is graded flat and has compacted with road base material.

**13. Revegetation**

Revegetation measures on the cutslope were not observed during the inspection.

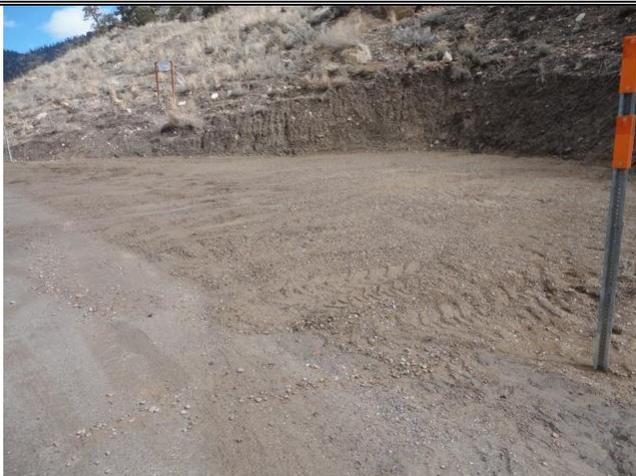
**16.b Roads: Drainage Controls**

An 18 inch culvert has been installed along the road for the length of the road turn around.

**21. Bonding and Insurance**

The bond release money will be available upon DOGM and OSM approval of Phase III Bond release.

**ATTACHMENT A – Photos Cottonwood Turn around**



**PHOTO 1**  
Cutslopes Turn around



**PHOTO 2**  
Wide Angle of Turn around



**PHOTO 3**  
Turn around



**PHOTO 4**  
Back of Leach Field

**ATTACHMENT A – Cottonwood Turn around**



**PHOTO 5**

Sign Stating Turn-A-Round



**PHOTO 6**

New culvert (outlet) for Road Drainage.



**PHOTO 7**

Overview of Turn-A-Around



**PHOTO 8**

Culvert Inlet Rocked