



**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>C0150018</b>
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, May 10, 2016
Start Date/Time:	5/10/2016 8:30:00 AM
End Date/Time:	5/10/2016 12:00:00 PM
Last Inspection:	Wednesday, April 20, 2016

Representatives Present During the Inspection:	
Company	Kenneth Fleck
OGM	Karl Houskeeper

Inspector: Karl Houskeeper  
 Weather: Clear Skies, Temp. 47 Deg. F.  
 InspectionID Report Number: 5518  
 Accepted by: JHELFRIC  
 5/23/2016

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

Current Acreages		Mineral Ownership	Types of Operations
19,940.60	<b>Total Permitted</b>	<input checked="" type="checkbox"/> Federal	<input checked="" type="checkbox"/> Underground
91.63	<b>Total Disturbed</b>	<input checked="" type="checkbox"/> State	<input type="checkbox"/> Surface
0.60	<b>Phase I</b>	<input type="checkbox"/> County	<input type="checkbox"/> Loadout
0.60	<b>Phase II</b>	<input checked="" type="checkbox"/> Fee	<input type="checkbox"/> Processing
0.60	<b>Phase III</b>	<input type="checkbox"/> Other	<input type="checkbox"/> Reprocessing

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

This report also contains information from a separate OSM visit relative to an oversite topic on vegetation. See item13. The visit occurred on March 18, 2016.

**Inspector's Signature:**

**Date** Tuesday, May 10, 2016

Karl Houskeeper,  
 Inspector ID Number: 49

**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 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 checked="" 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 checked="" 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 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 checked="" 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**

Division of Oil, Gas & Mining Permit C/015/0018 issued February 7, 2016 and expires February 7, 2021.

UPDES Permit Ut0023604 effective February 1, 2015 and expires at midnight on January 31, 2020.

SPCC Plan is dated December 2010. The spill plan is P.E. dated, stamped and signed by a registered P.E. in the State of Utah. This plan needs to be evaluated and re-certified. The term for SPCC Plans is 5 years.

Air Quality Permit DAQE-AN0239003-02 issued on June 14, 2002 still remains effective for the mine site.

The current bond is \$3,374,000.

Insurance coverage is through Associated Electric and Gas Insurance Service LTD. The insurance is effective 10/01/2015 and expires 10/01/2016. Minimum required insurance coverage amounts have been met. The certificate holder is The State of Utah. The cancelation clause is in accordance with Division policy. The insurance coverage includes explosion coverage.

Reclamation agreement is covered with Bond # 103908970. Signed by both parties July 25, 2005.

## **2. Signs and Markers**

Mine identification signs have been updated with new owner/operator information and addresses/phone numbers. Identification signs are posted at entrances into the mining permit area. Signs are compliant.

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

Several culvert inlets along side of the access road from the gate into the Rilda facilities have tumble weeds in the inlets. The tumble weeds need to be removed.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The first quarter 2016 sediment pond inspections were done as follows:

Main Sediment Pond 03/11/2016.

Rilda Sediment Pond 03/09/2016.

Waste Rock Sediment Pond 03/16/2016.

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

Old sediment control structure was observed at the waste rock site between the waste rock pile and the hill side. The structures have been removed and are stacked into piles consisting of roof bolt, mesh, wattles and silt fence. The piles need to be removed from the site and disposed of properly.

One area where a piping hole had under the wattle structure was observed on the pond side and should be repaired.

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

The discharge monitoring reports for December 2015 and January, February and March 2016 were reviewed. No discharges occurred for any of the listed months.

#### **7. Coal Mine Waste, Refuse Piles, Impoundments**

First quarter 2016 waste rock inspections were done on 03/11/2016 for Elk Canyon and Original site and on 03/16/2016 for the (Current) Main Waste Rock site.

#### **13. Revegetation**

On March 18, 2016, The Division and OSM conducted an oversight inspection on the reference areas to be used to determine revegetation success standards for bond release. Those in attendance were: Joe Helfrich, Priscilla Burton, Lisa Reinhart, Spencer Shumate, Tom Medlin, Ken Fleck, Chuck Semborsky (office portion only) Kerry Larsen (field portion only). Weather was warm and clear. The group met up in Huntington at the Interwest Mining Office and spent about 30 minutes in the office looking over maps and discussing the different reference sites. At approximately 12:30, the group headed to the Rilda Canyon reference sites and located the new P/J site and Sagebrush/Grass site. Although we had some difficulty identifying the sites, we eventually found the markers at locations that were marked on the maps. We then proceeded to the WhiteFir/Aspen reference site. At 3:30, Lisa Reinhart departed to return for personal commitments but the rest of the group went to the remaining sites in Rilda (Mtn Brush/Salina Wildrye and Aspen/Fir/Dogwood) and to the Deer Creek Portal sites (P/J, Mixed Conifer, Riparian).

#### **20. Air Quality Permit**

Air Quality Permit DAQE-AN0239003-02 issued on June 14, 2002 still remains effective for the mine site.

#### **21. Bonding and Insurance**

The current bond is \$3,374,000.