



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:	PARTIAL
Inspection Date:	Friday, April 28, 2017
Start Date/Time:	4/28/2017 9:30:00 AM
End Date/Time:	4/28/2017 10:00:00 AM
Last Inspection:	

Representatives Present During the Inspection:
OGM Keenan Storrar

Inspector: Keenan Storrar
 Weather: Sunny 50 F
 InspectionID Report Number: 5845
 Accepted by: DHADDOCK
 5/17/2017

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		Mineral Ownership	Types of Operations
4,088.33	Total Permitted	<input checked="" type="checkbox"/> Federal	<input checked="" type="checkbox"/> Underground
27.83	Total Disturbed	<input type="checkbox"/> State	<input type="checkbox"/> Surface
21.30	Phase I	<input type="checkbox"/> County	<input type="checkbox"/> Loadout
21.30	Phase II	<input checked="" type="checkbox"/> Fee	<input type="checkbox"/> Processing
21.30	Phase III	<input type="checkbox"/> Other	<input type="checkbox"/> Reprocessing

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

There was no snow present at the mine site during the inspection. The site appears stable and has not changed since the last inspection (Photos 11-12).

Inspector's Signature:

Date Wednesday, May 10, 2017

Keenan Storrar,
 Inspector ID Number: 71

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

4.a Hydrologic Balance: Diversions

The undisturbed bypass culvert in the left fork of Grimes wash was clear of debris that would restrict flow (Photo 2).

The pipe conveying mine water discharge to the drop culvert appeared to be working well (Photos 3-4).

4.b Hydrologic Balance: Sediment Ponds and Impoundments

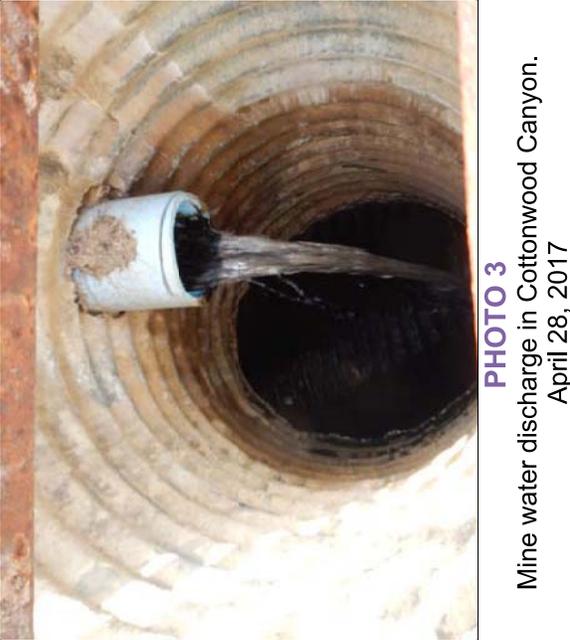
The South Pond was dry the North Pond had a couple feet of water (Photos 5-6).

4.c Hydrologic Balance: Other Sediment Control Measures

The BTCA directly below the sediment ponds and to the east of the mine gate are in good working order. These two locations treat runoff prior to exiting the permit area (Photos 7-8).

The sediment fence with a straw wattle installed on the eastern boundary of the permit area are functioning properly (Photo 9).

Check dam diversions along the road are working as designed. Straw bales have been placed to direct road runoff into drop culverts that eventually drain to the ponds for treatment (Photo 10).

<p>ATTACHMENT A – Photos April 28, 2017 site visit</p>		
<p>PHOTO 1 The sign to the mine site is in need of maintenance. April 28, 2017</p>		<p>PHOTO 2 Left Fork of Grimes wash undisturbed bypass culvert inlet. April 28, 2017</p> 
<p>PHOTO 3 Mine water discharge in Cottonwood Canyon. April 28, 2017</p>	<p>PHOTO 4 Grate above drop culvert receiving mine water discharge. April 28, 2017</p>	

ATTACHMENT A – Photos April 28, 2017 site visit



PHOTO 5
South Pond was dry.
April 28, 2017



PHOTO 6
North Pond contained a couple feet of water.
April 28, 2017

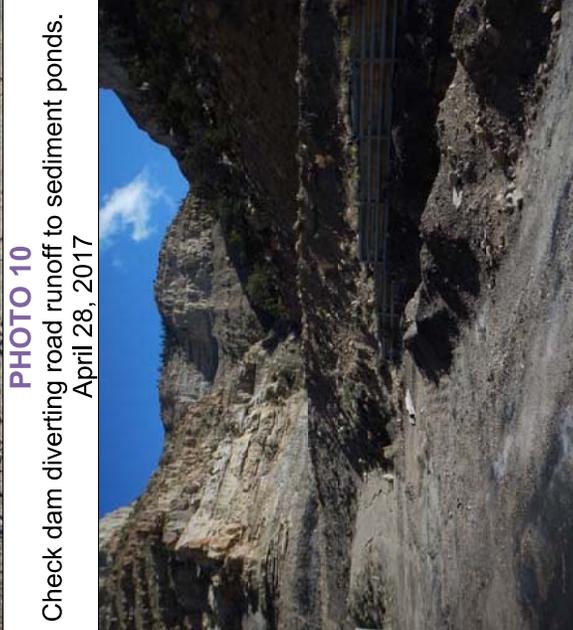
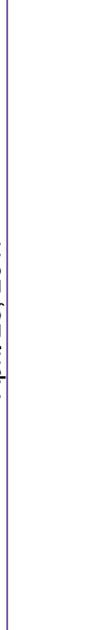


PHOTO 7
BTCA below sediment ponds.
April 28, 2017



PHOTO 8
BTCA adjacent to gated entrance.
April 28, 2017

ATTACHMENT A – Photos April 28, 2017 site visit

	<p>PHOTO 9 Silt fence and straw wattle on eastern boundary of disturbed area. April 28, 2017</p>
	<p>PHOTO 10 Check dam diverting road runoff to sediment ponds. April 28, 2017</p>
	<p>PHOTO 11 Site is unchanged since last inspection. April 28, 2017</p>
	<p>PHOTO 12 Site is unchanged since last inspection. April 28, 2017</p>

ATTACHMENT A – Photos April 28, 2017 site visit



PHOTO 13

Water conveyance system properly functioning.
April 28, 2017