GARY R. HERBERT
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GREG BELL
Lieutenant Governor

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:	Tuesday, November 27, 2018
Start Date/Time:	11/27/2018 11:30:00 AM
End Date/Time:	11/27/2018 2:30:00 PM
Last Inspection:	

Representatives Present During the Inspection:
OGM Keenan Storrar

Inspector: Keenan Storrar,

Weather: Sunny, 40 F

InspectionID Report Number: 6324

Accepted by: DHADDOCK
12/19/2018

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	**Total Permitted**
27.83	**Total Disturbed**
21.30	**Phase I**
21.30	**Phase II**
21.30	**Phase III**

Mineral Ownership

- [x] Federal
- [ ] State
- [ ] County
- [x] Fee
- [ ] Other

Types of Operations

- [x] 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 November 27, 2018. The length of both reclaimed channels were walked and slopes were inspected for stability. Sediment markers and a rain gauge are installed as laid out in the MRP.

Inspector's Signature:

Keenan Storrar,
Inspector ID Number: 71

Date Monday, December 17, 2018

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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Inspection Continuation Sheet

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

1. Permits, Change, Transfer, Renewal, Sale

The entrance sign properly displays contact information pertaining to the mine.

4.a Hydrologic Balance: Diversions

The reclaimed channels are stable and show no signs of head cutting.

4.c Hydrologic Balance: Other Sediment Control Measures

Pocks are stable and show no signs of failure or overtopping.

ATTACHMENT A – Photos November 27, 2018 site visit

PHOTO 1
Signage up to date at entrance to site
November 27, 2018

PHOTO 2
Barriers at end of road still in place
November 27, 2018

PHOTO 3
Main channel is stable
November 27, 2018

PHOTO 4
Sediment erosion measurement device installed
November 27, 2018

ATTACHMENT A – Photos November 27, 2018 site visit

PHOTO 5
Rain gauge installed
November 27, 2018

PHOTO 6
Location marker looking down canyon
November 27, 2018

PHOTO 7
Reclaimed Right Fork of Grimes wash
November 27, 2018

PHOTO 8
Isco sampler at head of reclaimed channel in Right Fork of Grimes wash
November 27, 2018

ATTACHMENT A – Photos November 27, 2018 site visit

PHOTO 9
Undisturbed area above Right Fork of Grimes wash
November 27, 2018

PHOTO 10
Reclaimed area of Right Fork of Grimes wash
November 27, 2018

PHOTO 11
Ground control maker still in place
November 27, 2018

PHOTO 12
Left Fork of Grimes wash
November 27, 2018

ATTACHMENT A – Photos November 27, 2018 site visit

PANORAMA 1
Site overlook
November 27, 2018