



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:	Tuesday, November 18, 2014
Start Date/Time:	11/18/2014 9:00:00 AM
End Date/Time:	11/18/2014 2:00:00 PM
Last Inspection:	Tuesday, October 21, 2014

Inspector:

Weather: Clear, 30 F

InspectionID Report Number: 4030

Accepted by: DHADDOCK

11/26/2014

Representatives Present During the Inspection:	
Company	Dennis Oakley
OGM	Lisa Reinhart
OGM	Daron Haddock

Permitee: **PACIFICORP**
 Operator: **ENERGY WEST MINING CO**
 Site: **COTTONWOOD/ WILBERG**
 Address: **PO BOX 310, HUNTINGTON UT 84528**
 County: **EMERY**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **ACTIVE**

Current Acreages

4,034.18	Total Permitted
45.32	Total Disturbed
21.29	Phase I
21.29	Phase II
21.29	Phase III

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:

Recent reclamation activities include the demolition of structures at the load out facility and work on the sediment pond at the Cottonwood Waste Rock Storage Site. While on-site, the substation was undergoing demolition which made it unsafe to travel past the load out facilities. Operator estimates 5 months for the demolition of facilities and is waiting for the waste rock sediment pond to dry enough to allow access for cleaning with heavy equipment. They are preparing to start blasting the mine portals closed within a couple weeks.

Digitally signed by Lisa Reinhart
 DN: cn=Lisa Reinhart, o=DNR, ou=DOGM, email=lreinhart@utah.gov, c=US
 Date: 2014.11.26 15:56:39 -07'00'

Inspector's Signature:

Date Friday, November 21, 2014

Inspector ID Number:

Note: This inspection report does not constitute an official statement of compliance with the regulatory program of the Division of Oil, Gas and Mining.
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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 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 checked="" 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 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 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 type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

Conditional approval to reduce water monitoring issued November 12, 2014, Task 4714. Deficiency response to Task 4632, amendment to reorganize Volume 10 of MRP was received 11/6/14. Task is due 12/8/14.

2. Signs and Markers

Signs at the waste rock storage site and main facilities are in good condition. The sign from the rock pile on the east side of the road is missing. Verbally discussed the requirement for the sign and the operator will have one installed immediately.

3. Topsoil

Topsoil piles are vegetated with adequate sediment control.

4.a Hydrologic Balance: Diversions

Due to demolition of the substation and related safety reasons, the Grimes Wash was not inspected. The operator stated the inlet and diversion are in the same condition as inspection 10/21/14 and are in good working order. Culverts and drainages are working as designed.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

Obtained copy of Cottonwood Prep Plant MSHA Impoundment Inspection, Inspected by Guy Davis on 10/10/2014. The north sediment pond contains minimal water and the dam and slopes appear stable. Dam out slope rip-rap is intact. The south sediment pond is dry and a new culvert has been installed as it was noted as damaged in MSHA Inspection Report.

The sediment pond at the waste rock site has exceeded the planned sediment level due to recent extremely heavy rainstorms. As documented in letter dated 10/7/14 to OGM, the remote weather station of top of East Mountain was not functioning normally but other recording stations and instruments noted 1.23" rain at The Huntington Power Plant and the rain gauge at Rilda Canyon collected 3.45" of rain. This rainstorm resulted in exceeding the 10 year 24 hour event threshold. As noted and requested in inspection dated 10/21/14 the operator has pumped the sediment pond and is waiting for it to dry enough to support equipment for removal of the sediment. Because the soil is too saturated for equipment access at this time, operator is requested to submit documentation of the situation.

4.c Hydrologic Balance: Other Sediment Control Measures

Silt fence at the south section of the subsoil pile at the waste rock storage site has overtopped and needs repair. Sediment from this area still reports to the sediment pond.

4.d Hydrologic Balance: Water Monitoring

Water monitoring was reviewed at the office. Water reports were filed as required. Site 001A-routinely discharges and was observed as functioning properly

4.e Hydrologic Balance: Effluent Limitations

Reviewed DMR's.

7. Coal Mine Waste, Refuse Piles, Impoundments

Reviewed 3rd Quarter 2014 Engineering Inspection Report. The Cottonwood Waste Rock site was inspected by Mark Reynolds and Rick Cullum on 9/25/14. The entire site is approximately 36% capacity. The useable area of the permit lift is approx. 97%

15. Cessation of Operations

Operator has initiated reclamation and therefore mine has moved from temporary cessation to active reclamation.

16.a Roads: Construction, Maintenance, Surfacing

Roads were damaged by recent flooding during a storm event that exceeded design. Roads and drains are functioning but maintenance needs to be performed.

16.b Roads: Drainage Controls

Drains need to be maintained to allow proper drainage

18. Support Facilities, Utility Installations

The steel structures at the loadout area are demolished and crushed and are being recycled. The substation was being demolished at the time of inspection. Operator stated the cement silo is anticipated to come down in the next few weeks.

20. Air Quality Permit

Reviewed air quality permit issued 1991 and subsequent approval for additional of Trail Mountain Mine and Overland Belt to Existing Cottonwood Mine dated 8/9/1995

21. Bonding and Insurance

Obtained copy of Certificate of Liability Insurance Policy No. X15194003P Insured by Associated Electric and Gas for period from 10/1/14 to 10/1/15 with Excess liability for \$35,000,000.

22. Other

Obtained copy of 5-Year plan review and evaluation certification 40 CFR 112.5(b) dated 11/11/2014. Noted inaccuracies in legal description of permit and plan and requested corrections. Rigs are set up in preparation of blasting mine portals shut in the coming weeks

Waste rock site, refuse pile, sediment pond, ditch DA



Waste rock site, refuse pile, sediment pond, sediment control fabric



Load out structure demo, substation removal, Discharge 001, No. Sed Pond

