



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:	C0150009
Inspection Type:	COMPLETE
Inspection Date:	Friday, March 13, 2015
Start Date/Time:	3/13/2015 9:00:00 AM
End Date/Time:	3/13/2015 12:00:00 PM
Last Inspection:	Wednesday, December 17, 2014

Inspector: Keenan Storrar

Weather: Sunny 60F

InspectionID Report Number: 4148

Accepted by:

Permitee: **PACIFICORP**
 Operator: **ENERGY WEST MINING CO**
 Site: **TRAIL MOUNTAIN MINE**
 Address: **PO BOX 310, HUNTINGTON UT 84528**
 County: **EMERY**
 Permit Type: **PERMANENT COAL PROGRAM**
 Permit Status: **INACTIVE**

Current Acreages

3,538.98	Total Permitted
10.39	Total Disturbed
	Phase I
	Phase II
	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:

The Trail Mountain Mine is in temporary cessation. The annual report for 2014 has been submitted and is assigned to Task ID# 4856.

Pete Hess and I met with Dennis Oakley (the Permittee) of Energy West at his office in Huntington and went over the paperwork for the Trail Mountain mine. We then drove to the mine to continue the complete inspection. During the inspection the Permittee directed us to the location of wells TM-1B and TM-3 and the Oliphant mine portal discharge.

Inspector's Signature:

Keenan Storrar,
Inspector ID Number: 71

Date: Monday, March 31, 2015



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 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 type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 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 type="checkbox"/>	<input checked="" 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 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

Pacificorp's subsidiary Energy West Mining Co. is currently transferring the Cottonwood Waste Rock Site from the Cottonwood MRP to the Trail Mountain MRP. Adding the Cottonwood Waste Rock Site to Trail Mountain is assigned to Task ID #4790. The addition of the waste rock site to the Trail Mountain MRP is a significant revision because it increases the surface area of the permit by >15%. All associated text from the Cottonwood MRP and supporting Appendices will be transferred to the Trail Mountain MRP. Part of this transfer involves the Permittee working with DWQ to switch the UPDES outfall point from the Cottonwood UPDES permit to the Trail Mountain UPDES permit.

2. Signs and Markers

The UPDES number on the southern Permit I.D. sign has been corrected to display the current UPDES number for the mine.

4.a Hydrologic Balance: Diversions

There has been very little rain/snowfall since the last inspection. All ditches and diversions are in good working order. The ditch at the base of the ancillary road was not consistent with the approved surface facilities drainage map during the last inspection. This ditch has since been corrected to match the approved MRP map and is in good working order.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The pond was inspected on Dec. 29, 2014. The Permittee said the pond had not yet been inspected for Q1 2015, but there was an inspection planned for later this month.

4.d Hydrologic Balance: Water Monitoring

During 1Q 2015 six monitoring wells were transferred from the Deer Creek MRP to the Trail Mountain MRP, with the final approval outlined in Task ID #4782. The wells are located in Cottonwood Canyon upstream of the Trail Mountain mine. These wells were installed to monitor groundwater levels in Cottonwood Canyon valley alluvium and the underlying rock units. The purpose of the monitoring wells was to measure the influence of the Roans Canyon fault on Cottonwood Spring in Cottonwood Canyon.

5. Explosives

There are no explosives stored at the site.

15. Cessation of Operations

All temporary portal seals were inspected and are functioning as designed.

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21. Bonding and Insurance

The mine is currently bonded for \$822,000. The bond will need to increase with the addition of the waste rock site.