



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas & Mining

JOHN R. BAZA  
Division Director

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

**Representatives Present During the Inspection:**

Company Guy Davis Environmental Scientist

OGM Pete Hess Environmental Scientist III

## Inspection Report

Permit Number:	C0150009
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, October 21, 2009
Start Date/Time:	10/21/2009 8:05:00 AM
End Date/Time:	10/21/2009 10:25:00 AM
Last Inspection:	Thursday, June 11, 2009

Inspector: Pete Hess, Environmental Scientist III

Weather: Clear, cold; 40's F.

InspectionID Report Number: 2165

Accepted by: jhelfric

10/29/2009

Permittee: **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: **ACTIVE**

#### 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 site remains in temporary cessation status.

The Division data base contains surface and ground water data for the second quarter of 2009; the information has been uploaded into the permanent data base. 3rd Quarter 2009 data is due by December 31, 2009. The Permittee continues to meet the Special Condition included in Attachment A of the current State issued mine permit, which requires electronic submittal of required surface and ground water monitoring data.

Inspector's Signature: \_\_\_\_\_

*Pete Hess*

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date Wednesday, October 21, 2009

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

**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 type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

The second quarter impoundment inspection for the mine site sediment ponds was completed by the Permittee's qualified representatives on June 24, 2009. Mr. John Christensen, P.E., and Mr. Rick Cullum, R.L.S., conducted the inspection for Energy West Mining Company. There were no indications of instability or other hazards noted. This pond is totally incised. According to Mr. Davis, the 3rd Quarter inspection has been completed, but has yet to be documented. As of June 24, 2009, this pond has 0.04 acre-feet of sediment storage capacity remaining below the 60 % cleanout elevation. The inlets and outlets were reported as being in good condition. As observed this day, the pond contained a small volume of water, with its surface elevation being well below the primary spillway discharge elevation. No compliance issues were identified with this pond during today's inspection.

#### **5. Explosives**

There are no explosives or detonators in storage at the Trail Mountain site. The current general liability insurance provides coverage for damages incurred from the use of explosives.

#### **9. Protection of Fish, Wildlife and Related Environmental Issues**

The Permittee's contractor sprayed Tamarisk trees which had been identified at the Trail Mountain and Cottonwood-Wilberg Mine sites before September 7, 2009. The herbicide used was Garlon 4, as recommended by the USFS. The Permittee removed the larger trees and allowed the contractor to spray the remaining 8-10 inch stalks. The Permittee removed the debris to the Emery County landfill.

#### **10. Slides and Other Damage**

The condition of the sprayed concrete highwall (located behind the ventilation fan motor room) has not changed.

#### **16.b Roads: Drainage Controls**

The Permittee was asked to install more material in the berm located between the Count road and the upper parking lot gate. This berm diverts undisturbed flow on down the road rather than allowing it to enter the Mine site disturbed area through the gate. This flow silts in disturbed area culverts when it is allowed to enter.

#### **18. Support Facilities, Utility Installations**

The AC power has been turned off at this site.

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**21. Bonding and Insurance**

The current general liability insurance was renewed prior to August 28, and remains in effect through August 28, 2010. Coverage amounts are adequate; explosives coverage is provided. The cancellation clause meets the requirements of R645-301-800. The Division holds a surety bond issued by Travelers Casualty and Surety Company of America (A.M. Best rating of A+) for the Trail Mountain Mine in the amount of \$ 1,354,000.00.