



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:	Monday, August 14, 2006
Start Date/Time:	8/14/2006 10:00:00 AM
End Date/Time:	8/14/2006 12:35:00 PM
Last Inspection:	Thursday, May 04, 2006

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, hot; sprinkling during inspection.

InspectionID Report Number: 1038

Accepted by: whedberg  
9/13/2006

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: **ACTIVE**

Current Acreages

3,539.00	Total Permitted
10.69	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 Permittee is current relative to the submittal of quarterly surface and ground water monitoring information to the DOGM EDI.

There are no compliance issues currently pending for the Trail Mountain Mine permit area.

This site remains in temporary cessation status.

Inspector's Signature:

Date Monday, August 14, 2006

Pete Hess, Environmental Scientist III  
Inspector ID Number: 46

**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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**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 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 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 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 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 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>

#### **4.a Hydrologic Balance: Diversions**

The inlet of the 16-inch culvert located east of the bath house facilities was observed to be completely obstructed. All other diversions appeared to be capable of functioning as designed. Mr. Davis made note of the needed maintenance.

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

The Permittee's qualified representatives, Messrs. John Christensen, P.E., and Rick Cullum, RLS, conducted the second quarter of 2006 impoundment inspection for the Mine site pond on June 22, 2006. There were no signs of instability or structural weakness reported by the Permittee's inspection team. The Permittee determined that 0.31 Acre-feet of sediment storage capacity was remaining in that pond on 6/22. As observed this day, the pond contains a fair volume of water, which is no where close to the discharge elevation of the primary spillway. This pond was last cleaned during the fourth quarter of 2005. Mr. John Christensen, P.E., certified the 6/22 inspection report on 6/30, 2006.

#### **4.d Hydrologic Balance: Water Monitoring**

A review of the discharge monitoring reports for July, June, and May 2006 revealed the neither 001A or 002A UPDES outfalls had flows during that three month period.

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

More damage has occurred to the shot creted cliff face located behind the Mine fan. One large piece has dislodged and appears to have damaged a corner of the small shed on the back side of the fan house. Other cracks are appearing in the cliff face. Many of the mechanical anchor bolts have pulled free from the unconsolidated coal burn material.

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

A significant volume of County road drainage continues to report onto the Mine site disturbed area, thence to the Mine site pond where it is collected. Although the Mine pond has not discharged for quite some time, this flow volume continues to wash sediment onto the Mine's disturbed area, blocking some culverts which parallel the security fence. Thus, this water is creating maintenance and possible compliance issues for the Permittee. It was suggested that the Permittee look at the possibility of re-routing this road flow directly to Cottonwood Creek above the Mine site, or possibly have the road graded to force this flow volume to the ditch on the opposite side of the road.

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

All of the chain linked / sealed portals were inspected for possible unauthorized tampering. None was observed.

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**Inspection Continuation Sheet**

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**19. AVS Check**

The Permittee submitted new ownership and control information to reflect Mid American Energy Holdings Company personnel to the DOGM on June 20, 2006. The review of that information is pending.

**21. Bonding and Insurance**

The Permittee's current general liability insurance coverage is due to expire on August 28, 2006. All coverage amounts meet the minimum requirements of the R645 Coal Mining Rules. Coverage for damage incurred from the use of explosives is provided.

**22. Other**

Due to frequent precipitation events occurring throughout Utah, some erosion gullies are forming throughout the Trail Mountain disturbed area. The Division and the Permittee will continue to monitor these in order that they do not become too large.