



GARY R. HERBERT  
Governor

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:	C0150009
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, June 14, 2011
Start Date/Time:	6/14/2011 9:00:00 AM
End Date/Time:	6/14/2011 1:05:00 PM
Last Inspection:	Thursday, March 10, 2011

Representatives Present During the Inspection:	
Company	Guy Davis
OGM	Pete Hess

Inspector: Pete Hess,

Weather: Clear and warm.

InspectionID Report Number: 2781

Accepted by: jhelfric

7/11/2011

Permittee: **ENERGY WEST MINING CO**  
 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	<b>Total Permitted</b>
10.39	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### 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 site remains in temporary cessation status.

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

Pete Hess,

Inspector ID Number: 46

Date

Monday, June 13, 2011



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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 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 checked="" 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 type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 type="checkbox"/>	<input checked="" 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"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The current DOGM permit remains in effect through February 20, 2015.

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

The inlet of the undisturbed bypass culvert located in Cottonwood Creek was receiving significant flow. The undisturbed inlet above the topsoil storage pile had no flow at the time of the inspection.

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

The Permittee's qualified personnel inspected the Mine site sediment pond on March 7, 2011. There were no signs of unstable conditions or structural weakness reported. This pond is incised. Mr. John Christensen, P.E. and Mr. Rick Cullum, Utah registered land surveyor reported that the pond had 0.03 AF of sediment storage capacity remaining below the 60 % cleanout elevation. The pond contained a small amount of water this day. No compliance issues were identified. Certifications for the pond inspection were completed by the two aforementioned gentlemen on April 12 and 13, 2011, respectively.

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

Division personnel completed a review of the Fourth Quarter 2010 water monitoring information for the Trail Mountain Mine permit area on March 24, 2011. There were no discharges reported from either the sediment pond or the mine water discharge point during the Fourth Quarter of 2010 (outfalls 001A and 002A).

### **4.e Hydrologic Balance: Effluent Limitations**

Discharge monitoring reports for the months of March and April 2011 were reviewed for parameter exceedance and timeliness. As noted elsewhere, neither UPDES outfall discharged during this two month period.

## **5. Explosives**

A explosive and detonator storage occurs at the Central Warehouse location. The general liability insurance policy provides coverage for damage incurred from the use of explosives (XCU).

## **7. Coal Mine Waste, Refuse Piles, Impoundments**

Any sediment from the cleaning of the sediment pond is hauled to the Cottonwood / Wilberg waste rock disposal facility.

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

No wildlife was observed during today's inspection.

## **14. Subsidence Control**

All mining activities at this site ceased in 2001, and the Mine was sealed.

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**15. Cessation of Operations**

There has not been any change requested in the operational status of this Mine.

**21. Bonding and Insurance**

The current general liability insurance coverage will expire on August 28, 2011. All requirements relative to coverage are being met by the current policy. Policies are renewed annually by the Permittee's corporate risk management office. The amount of bond posted to ensure the reclamation of this site is \$ 1,354,000.00.