



The State of Utah  
 Department of  
 Natural Resources  
 Division of  
 Oil, Gas & Mining

ROBERT L. MORGAN  
*Executive Director*

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GALE F. McKEACHNIE  
*Lieutenant Governor*

**Representatives Present During the Inspection**

Company	Dennis Oakley	Environmental Engineer
OGM	Steve Demczak	Reclamation Specialist III

# Inspection Report

Permit Number:	C0150018
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, October 01, 2003
Start Date/Time:	10/01/2003 10:00:00 AM
End Date/Time:	10/01/2003 3:00:00 PM
Last Inspection:	Thursday, September 04, 2003

Inspector: Karl Houskeeper, Reclamation Specialist III

Weather: Partly cloudy, ~Temp 68 degrees F

Accepted by: pgrubaug  
 10/24/2003

Permittee: **PACIFICORP**  
 Operator: **ENERGY WEST MINING CO**  
 Site: **DEER CREEK MINE**  
 Address: **PO BOX 310, HUNTINGTON UT 84528**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

24,638.52	<b>Total Permitted</b>
95.80	<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:**

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

**Date** Thursday, October 02, 2003

Karl Houskeeper, Reclamation Specialist III

Inspector ID Number: 49

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
 telephone (801) 538-5340 facsimile (801) 359-3940 TTY (801) 538-7223 [www.ogm.utah.gov](http://www.ogm.utah.gov)



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENT**

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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **2. Signs and Markers**

Observed the mine ID signs at the Waste Rock Site entrance and at the Deer Creek Mine entrance. Both signs contained the necessary information. A subsoil stockpile sign located on the northwest side of the Waste Rock Site needs to be repaired. All other signs and markers observed during the inspection complied with the coal rules.

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

The undisturbed culvert inlet located at the C1- C2 conveyor belt transfer was 3/4 plugged. The culvert inlet at the contact point of the primary road to the parking lot was 100% plugged. Residue noncoal waste was present at this location. The culvert inlet located on the ROM pad was 1/2 plugged. A large piece of brattice cloth (noncoal waste) was laying to the side of one of the drop inlets adjacent to the primary road (slope to parking lot).

Notice of Violation NO. N03-49-5-1 was issued for failure to maintain disturbed and undisturbed diversions associated with the mine site.

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

Debris is on the inslope of the sediment pond embankment. This material needs to be removed and placed in the appropriate containment structures.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

The silt fence structures along side of the access road to the Waste Rock Site were observed. The 1st, 3rd and 4th set of silt fences from the access gate were in need of repair and/or cleaning. The 3rd silt fence structure had a portion that was laid down and did not provide any protection and in certain segments was filled and over topped with sediments. The 4th silt fence structure had a sink hole that protruded under the structure.

Several portions of the silt fence structures located on the north side of the Waste Rock Phase I site were compromised. The damage on the north side silt fence structures ranged from being undercut to being completely covered by sediment.

Notice of Violation NO. N03-49-4-1 was issued for failure to maintain siltation structures associated with the Waste Rock Site.

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

Second quarter 2003 water monitoring information is in the EDI website and uploaded. The EDI also contains updated information current to August 2003. Water monitoring is current.

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

The Waste Rock Site appeared to be stable, with no visible hazards or smoker during the inspection.

**8. Noncoal Waste**

Noncoal waste was present on the backside of the C2 conveyor, around culvert inlets and throughout the mine yard. This has been an ongoing concern documented in previous inspections. Notice of Violation NO. N03-49-6-1 was issued for failure to control and contain noncoal waste in a controlled manner in the designated control structures. Care should be taken in the future to control the noncoal waste in and around the mine site and to contain the noncoal waste in the approved control structures.

**16.a Roads: Construction, Maintenance, Surfacing**

The operator has an application before the Division to address the surface material utilized on the access road to the Waste Rock Site. The access road was gravel covered, but now has an asphalt covering. The asphalt covering came from roto milled tailings that were obtained by road re-construction projects independent from the mining operations.

**16.b Roads: Drainage Controls**

Maintenance work for drainage control is required along the access road to the Waste Rock Site and the primary road to the Mine Site. Both roads have portions of the road diversions that do not reflect the cross sections contained in the approved MRP. The primary road was in need of maintenance repairs as noted in the 8/19/2003 partial inspection report. The operator agreed to perform the needed maintenance. Maintenance work along both road diversions will avoid future enforcement action.