



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

GAYLE F. McKEACHNIE  
Lieutenant Governor

Representatives Present During the Inspection:

Company	Guy Davis Environmental Scientist
OGM	Joe Helfrich Environmental Scientist III

## Inspection Report

Permit Number:	C0150019
Inspection Type:	COMPLETE
Inspection Date:	Thursday, June 03, 2004
Start Date/Time:	06/03/2004 10:00:00 AM
End Date/Time:	06/03/2004 2:30:00 PM
Last Inspection:	Monday, May 10, 2004

Inspector: Joe Helfrich, Environmental Scientist III

Weather: Sunny 60

InspectionID Report Number: 309

Accepted by: dhaddock  
06/21/2004

Permitee: **PACIFICORP**  
Operator: **ENERGY WEST MINING CO**  
Site: **COTTONWOOD/ WILBERG**  
Address: **PO BOX 310, HUNTINGTON UT 84528**  
County: **EMERY**  
Permit Type: **PERMANENT COAL PROGRAM**  
Permit Status: **ACTIVE**

**Current Acreages**

6,886.88	<b>Total Permitted</b>
62.82	<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, Divison Orders, and amendments:**

The purpose of this site visit was to conduct a complete inspection of the Cottonwood Wilberg facility.

Inspector's Signature

*Joseph C. Helfrich*  
Joe Helfrich, Environmental Scientist III  
Inspector ID Number: 1

Date Monday, June 14, 2004

**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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**Inspection Continuation Sheet**

**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 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" 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 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 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 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 checked="" 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 checked="" 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 permit was renewed on August 10, 1999 and expires July 6, 2004. The application for permit renewal was received May 10, 2004. The Phase one bond release amendment for the Cottonwood Fan Portal area was approved on March 15, 2004.

**2. Signs and Markers**

Permit entry signs were in place for the waste rock sites, Cottonwood Fan portal, sewer adsorption field, and facilities. Disturbed area markers were noticed.

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

Sediment ponds and waste rock site were inspected on 3/17/04 and 3/29/04. The ponds showed no hazards or signs of structural weakness. Silt fences and sediment basins were functioning.

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

Silt fences were installed at the base of the two reclaimed catch basins at the Fan portal. The upper one has undergone some minor adjustment. Diversion ditch UD-3 is partially self reclaimed, partially breeched, and partially maintained. The permittee has proposed to leave the ditch as is. It is questionable as to whether the current regulations allow the permittee to leave the ditch in the current condition. Mr. Oakley indicated that previous negotiations with the Division allowed the company to leave the ditch after reclamation. Mr. Davis and I discussed the components of an amendment to remove the silt fences at the entrance to the waste rock site. They included calculations using sedcad and rusle applications, some minor text changes, and possibly an ocular estimation of % cover.

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

Water monitoring had been completed for the first quarter of 2004.

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

Hard copies of the DMR's were current through April 2004.

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

John Christensen inspected the refuse pile on 3/29/04. The pile is at 36% capacity and currently is only being used for sediment pond clean out.

**8. Noncoal Waste**

The properties were clean of any garbage and paper waste.

**15. Cessation of Operations**

The mine site and fan portal are currently inactive.

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

Repair work on the access road inside the gate had been completed.

**19. AVS Check**

The ownership and control information is current with the AVS as of 4/04.

**21. Bonding and Insurance**

The liability insurance is current through 4/1/05.