



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:**

OGM Priscilla Burton Environmental Scientist III

# Inspection Report

Permit Number:	<b>C0150007</b>
Inspection Type:	PARTIAL
Inspection Date:	Monday, February 28, 2005
Start Date/Time:	2/28/2005 2:30:00 PM
End Date/Time:	2/28/2005 5:30:00 PM
Last Inspection:	Thursday, January 27, 2005

Inspector: Priscilla Burton, Environmental Scientist III

Weather: partly cloudy, 40's

InspectionID Report Number: 549

Accepted by: whedberg  
 3/9/2005

Permitee: **CONSOLIDATION COAL CO**  
 Operator: **CONSOLIDATION COAL CO MID-CONTINENT REGION**  
 Site: **HIDDEN VALLEY MINE**  
 Address: **PO BOX 566, SESSER IL 62884**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **RECLAIMED**

**Current Acreages**

960.00	<b>Total Permitted</b>
6.70	<b>Total Disturbed</b>
6.70	<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:**

No standing water. Site has dried considerably over the last month. Soggy ground behind silt fences supports a good stand of greasewood. Cliff spalling has blocked the mid-section of the undisturbed diversion ditch above A seam. The ground slumped in the vicinity of the stream buffer zone (outside the disturbed area). Silt fence at the revegetated area near the paved road could be removed after demonstration that the vegetation within the disturbed, reclaimed area is similar to that of the undisturbed, adjacent area. Sediment controls along the road and on the A-seam side of the site require maintenance.

**Inspector's Signature**

**Date** Tuesday, March 01, 2005

Priscilla Burton, Environmental Scientist III

Inspector ID Number: 37

**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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 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 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"/>

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

Rock fall from the cliff above the undisturbed diversion ditch has filled in the ditch (see photos 480 and 495). This does not appear to be recent.

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

Plate III, Final Reclamation shows an area seeded at the end of the paved road. The vegetation in this area looked comparable to the surroundings. Silt fence installed at the lower end of the fairly level site has long since lost its effectiveness and is now beginning to channel water and create a cut (see photos 476 and 477). Along the access road upslope, drainage channels that are protected with boulders look much more natural and are providing sediment control. Those that are covered with Landlok fabric are not functioning as designed, piping holes and undercutting is evident (compare photos 478 and 479 as well as photos 432, 433, 444 taken on 1/27/05). At the base of the A seam, the silt fence has accumulated more than 1 ft of sediment that is now holding moisture and creating a drainage problem (see photos 481, 485, 486). In fact, the silt fence is channelling water along its downstream side and that has cut a new channel (photo 484). Along the restored ephemeral channel A seam side, the silt fence has deteriorated (photo 489).

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

Water monitoring commitments on p. 62 of the MRP are to sample and measure flow in Ivie Creek and at discharge points from the site (if any) twice a year during May and September. Permit Area and Boundary Water Sampling Points Plate I(b) shows the approximate water monitoring sites.

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

Ground failure of the land within the Ivie Creek buffer zone on the B seam side has occurred recently (immediately outside the disturbed area) at the location of the mouth of the ephemeral channel (see photos 492, 493, 494). Closer inspection indicates that the land in the stream buffer zone has failed previously at other locations along its length. The failure locations are 50 ft distant from Ivie Creek and outside of the disturbed area.

### **13. Revegetation**

The A seam side has very little vegetation except where greasewood has become established in wet soils by the silt fences.

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

Road drainage channeled into riprap channels appears stable.







