



## 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	Russell Hardy
OGM	Karl Houskeeper Environmental Scientist III

# Inspection Report

Permit Number:	C0150015
Inspection Type:	COMPLETE
Inspection Date:	Thursday, July 19, 2007
Start Date/Time:	7/19/2007 8:00:00 AM
End Date/Time:	7/19/2007 4:00:00 PM
Last Inspection:	Thursday, June 14, 2007

Inspector: Karl Houskeeper, Environmental Scientist III

Weather: Clear, Temp. 85 Deg. F.

InspectionID Report Number: 1353

Accepted by: dhaddock  
7/23/2007

Permittee: **CONSOLIDATION COAL CO**  
 Operator: **CONSOLIDATION COAL CO SESSER OPERATIONS**  
 Site: **EMERY DEEP MINE**  
 Address: **PO BOX 566, SESSER IL 62884**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

#### Current Acreages

5,568.00	<b>Total Permitted</b>
62.50	<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:

Permit Conditions: Emery Deep has one permit condition. The permittee must submit water quality data in an electronic format through the Electronic Data Input web site.

Citation 10005 still unabated, due August 13, 2007.

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

*Karl Houskeeper*

Date

Thursday, July 19, 2007

Karl Houskeeper, Environmental Scientist 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) 538-7458 • [www.ogm.utah.gov](http://www.ogm.utah.gov)

**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 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 checked="" type="checkbox"/>	<input 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>

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

The current DOGM permit C/015/015 was issued effective 01/06/2006 and expires 01/08/2011.

-Certificate of Insurance policy number BOG 9377 215-03, issued 11/05/2006 and terminates 11/05/2007.

-UPDES permit UT-0022616 effective 12/01/2006 and expires @ midnight 11/30/2011.

-Air Quality permit DAQE-AN0229006-05, issued July 20, 2005.

-SPCC Plan dated 10/24/06. The Plan is P.E. certified, stamped, signed and dated by a Utah P.E.

**2. Signs and Markers**

The mine ID signs are in place and contain the required information.

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

The last sediment pond's inspections were done on 06/05/2007. No problems were noted.

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

First quarter 2006 water monitoring is in the EDI website and has been uploaded. Water monitoring is current.

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

Reviewed the discharge monitoring reports from March through June 2007. All reporting periods showed that the the loading limit exceeded the designed parameter. Discharge occurred either from outfall 003 or 001. All other outfalls did not discharge.

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

An inspection of the refuse pile presented the following concerns:

There are no safety berms on top of the pile to prevent vehicles or equipment from going off the top of the pile.

The lack of berms on top of the pile raises the question of where the run off from the top of the pile is directed. Regulations prevent the drainage from the top of the pile from being directed off the slopes of the pile in an unconcontrolled manner.

Citation 10005 was issued on the refuse pile requiring that it be brought into compliance. These additional concerns need to be addressed. The due date to bring the pile into compliance is August 13, 2007. To date no information has been submitted to the Division and no action on the ground has been taken to bring the refuse pile into compliance.

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**20. Air Quality Permit**

The Air Quality Permit Approval Order DAQE-AN0229006-05 was issued on July 20, 2005. The permit remains effective.

**21. Bonding and Insurance**

Bond #188617, May 3, 1991 and signed August 30, 2005. Bond amount was \$3,454,443.00 was revised to \$2,208,000.00 on July 23, 2004.