



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	Mark Reynolds Resident Agent
OGM	Pete Hess Environmental Scientist III

# Inspection Report

Permit Number:	C0150025
Inspection Type:	COMPLETE
Inspection Date:	Monday, August 27, 2007
Start Date/Time:	8/27/2007 10:00:00 AM
End Date/Time:	8/27/2007 1:20:00 PM
Last Inspection:	Thursday, July 05, 2007

Inspector: Pete Hess, Environmental Scientist III  
 Weather: Overcast / Downpour toward end of inspection  
 InspectionID Report Number: 1382

Accepted by: dhaddock *dh*  
9/12/2007

Permittee: **CO-OP MINING CO**  
 Operator: **CO-OP MINING CO**  
 Site: **BEAR CANYON MINE**  
 Address: **PO BOX 1245, HUNTINGTON UT 84528**  
 County: **EMERY**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

**Current Acreages**

10,967.39	<b>Total Permitted</b>
40.46	<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 Permittee notified the Division on June 25, 2007 that the first quarter surface and ground water monitoring information for the Bear Canyon Mines permit area was in the Division EDI pipeline and same was acceptable for uploading. The Division has since uploaded all information. The Permittee continues to meet the Special Condition included as attachment "A" of the current State permit.  
 The July 23, 2007 approval of the 7500 acre Federal lease addition will add additional monitoring points which will first be monitored during the third quarter of 2007.  
 The Permittee anticipates the start up of longwall production on September 1, 2007.

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

*Pete Hess*  
 Pete Hess, Environmental Scientist III  
 Inspector ID Number: 46

Date Tuesday, August 28, 2007

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

**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 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 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 type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input checked="" 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 checked="" 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 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 Permittee provided the Division a Letter of Credit from Bank of Utah on Friday, August 24, 2007 to provide the required additional bond coverage amount for the proposed tipple expansion (\$362,000). The Division has approved Task ID # 2827, and the Permittee is proceeding with the construction of that facility. The reclamation bond now posted amounts to \$2,187,000. The Permittee is in the process of updating Exhibit "D" of the reclamation agreement for this site to reflect this additional bond coverage amount.

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

The diversion identified as D-40U (last access ramp to the #4 Mine portal pad) was observed to be obstructed with longwall machinery parts, a pallet, and dirt. The forks of a material handling forklift were also over the ditch, although these did not obstruct the flow path. This compliance issue has been discussed numerous times with the Permittee at other diversions located within the disturbed area. N10012 was issued to the Permittee for the obstructed ditch on August 28, 2007. The obstructions were removed from the ditch and the notice of violation was terminated on the same day.

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

Mr. Mark Reynolds performed the second quarter of 2007 impoundment inspections for ponds A, B, C, and D as well as Catch Basins #1, 2, and 3 on June 10, 2007. Pond "B" had been cleaned prior to June 10, and the second quarter inspection also served as the annual and post-maintenance inspections required under R645-301-514.311 and 312. There were no signs of structural instability noted with any of the impounding embankments during the Permittee's inspection or during today's field inspection. All ponds and catch basins retain an adequate volume of sediment storage capacity.

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

Bear Creek was flowing this day. The site received rain fall prior to today's inspection( 0.09 inches); the Bear Creek flow appeared to be high in suspended solids. The Permittee is current relative to the collection and submittal of required quarterly water monitoring data.

## **5. Explosives**

The Permittee's Utah certified coal mine surface blaster (Mr. Kevin Petersen) will retain his current certification through January 31, 2008.

## **8. Noncoal Waste**

Numerous areas containing non-coal waste debris were identified on the #3 and #4 Mine portal pad areas. Cardboard was observed in pond "D", and bent metal screen (used for roof support underground) was observed in Catch basin #3 (#4 Mine pad). Two large metal roll-off style dumpsters were at capacity such that trash which had been hauled from the Mines on a trailer, could not be transferred into the dumpsters and had fallen from the trailer. Pieces of junk large diameter electrical cable were observed adjacent to the #4 Mine fan diffuser. The Permittee's employees are not cleaning up after themselves when performing supply loading or maintenance work, and the trash has been allowed to accumulate. Broken or bent machine parts were also observed. N10010 (written 8/27, E-mailed to Permittee on 8/28) was written to have the noncoal waste cleaned and properly disposed of. The Permittee has been required to have the contractor who hauls non-coal waste from the site to the Emery County landfill replace the large roll-off type dumpsters with empty units in order to address future disposal needs. The Permittee notified the Division on 8/28/2007 @ 12:20 PM that the violation was ready for inspection. The violation was terminated at 2:05 PM on that day.

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

The tipple expansion project will include a widening of the truck loading facility to dual lanes, which will be surfaced with asphalt. This will probably occur in 2008.

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

The approved tipple expansion project (Task ID # 2827) will reconfigure the surface drainage in the truck loading area by removing several open ditches in the pad area, replacing them with a buried 24 inch diameter culvert with risers / drop drains.

## **21. Bonding and Insurance**

As has been noted above, the reclamation bond for this site has been increased to \$2,187,000. The general liability insurance remains in effect through January 1, 2008.