



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

Table with 2 columns: Company, Name, Title. Row 1: Mark Reynolds, Resident Agent. Row 2: OGM, Pete Hess, Environmental Scientist III.

Inspection Report

Table with 2 columns: Field, Value. Fields include Permit Number (C0150025), Inspection Type (COMPLETE), Inspection Date (Wednesday, June 22, 2005), Start Date/Time (6/22/2005 9:40:00 AM), End Date/Time (6/22/2005 1:10:00 PM), Last Inspection (Thursday, May 12, 2005).

Inspector: Pete Hess, Environmental Scientist III

Weather: Cool, 60's F. High cumulo-stratus clouds

InspectionID Report Number: 642

Accepted by: whedberg
7/5/2005

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

Table with 2 columns: Acreage, Description. Rows: 3,336.18 Total Permitted, 36.64 Total Disturbed, Phase I, Phase II, Phase III.

Mineral Ownership

- Checked: Federal, Fee. Unchecked: State, County, Other.

Types of Operations

- Checked: Underground. Unchecked: Surface, Loadout, Processing, Reprocessing.

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The current State permit will expire on November 2, 2005. Therefore, in order to meet the 120 day requirement for adequate review time prior to approval / renewal, the Permittee should submit a permit renewal application to the Division by July 2, 2005.

The Permittee continues to meet the Special Permit Condition included as Attachment "A" of the current State permit, that being the requirement to submit all surface and ground water monitoring information in an electronic form to the Division EDI on a quarterly basis. Although a Notice of Violation was issued to this Permittee on April 15, 2005, for failure to submit the required fourth quarter 2004 water monitoring information, that violation was quickly abated/terminated. The two other Special Permit Conditions included within the current State permit are not applicable to the active mining area.

There are no other compliance issues pending for the Bear Canyon permit area at this time.

Inspector's Signature

Date Wednesday, June 22, 2005

Pete Hess, Environmental Scientist III
Inspector ID Number: 46

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 checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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**

As noted above, the Permittee needs to submit a permit renewal application to the Division by no later than July 2, 2005. The current State permit will expire on November 2, 2005. The Permittee was notified of this on June 24 via telephone/voice mail communication.

### **2. Signs and Markers**

Several stream buffer zone signs were noted as being detached from their mounting standards. Two were hastily re-attached during today's inspection. Mr. Reynolds assigned surface compliance personnel the task of installing heavier wire on these signs, and then re-hanging them. A disturbed area perimeter marker located behind the maintenance shop had been pulled out of its required location and used to secure a pile of pipe. Mr. Reynolds agreed to install this marker in its correct location.

### **3. Topsoil**

Relative to the reclamation of the Tank seam/#2 Mine access road, the Permittee has installed erosion control matting down around the switchback adjacent to the last topsoil pile located along this access road. All of the site's other topsoil piles appeared to have an adequate protective cover crop in place, along with the required topsoil storage signs.

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

The Permittee's first quarter 2005 impoundment inspections for the four sediment containment ponds and three catch basins were conducted on January 15, 2005. There were no signs of instability or hazards reported. All containments had sediment storage capacity remaining.

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

The Permittee continues to install erosion control matting on the backfilled Tank seam access road. Progress has been made to the down hill side of the switchback where the last topsoil storage pile was located.

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

Mr. Reynolds indicated that the first quarter 2005 water monitoring information for the Bear Canyon permit area would be completed and ready for uploading sometime during the week of June 27, 2005. The compliance deadline for submittal of the first quarter information is June 30, 2005.

### **13. Revegetation**

#### **14. Subsidence Control**

The Permittee's 2004 Annual Report contains the 2004 subsidence report which contains survey information, as well as a subsidence map. There does not appear to be an analysis of the submitted information. The Division's review of this information is pending. The Permittee currently has several amendments in the DOGM review process relative to the undermining of escarpments.

#### **17. Other Transportation Facilities**

Several areas which underlie the #3 Mine conveyor corridor were inspected for the presence of carbonaceous material. These included the area beneath the #3 Mine belt portal escarpment, and the corridor down gradient of the road cross-over accessing the #3 Mine belt drive area. Some spillage was observed, but it generally appears that the Permittee is keeping the corridor clean. The catch pans beneath the bottom belt appear to be functioning as intended.

#### **18. Support Facilities, Utility Installations**

To date, there has been no activity relative to the relocation of the electrical substation located within the #1 Mine facilities area. The Permittee has developed a sump in the underground workings of the #4 Mine / Tank seam. The water tank (~10,000 gallon) which was previously located on the bench above the #4 Portal has been removed from service.

#### **19. AVS Check**

The Division conducted an evaluation of the Ownership and Control Information contained in the OSM Applicant Violator System for Co-Op Mining Company on May 26, 2005, to confirm that the information contained is similar to that contained in the Utah Department of Commerce report contained in the Permittee's 2004 annual report. The information generally concurs.

#### **21. Bonding and Insurance**

The current general liability insurance remains in effect until January 1, 2006.