



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: Role, Name. Row 1: OGM, Pete Hess, Environmental Scientist III. Row 2: Company, Mark Reynolds, Resident Agent.

Inspection Report

Table with 2 columns: Field, Value. Fields include Permit Number (C0150025), Inspection Type (PARTIAL), Inspection Date (Tuesday, May 16, 2006), Start Date/Time (5/16/2006 9:40:00 AM), End Date/Time (5/16/2006 11:40:00 AM), Last Inspection (Friday, April 07, 2006).

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, warm; 60's F.

InspectionID Report Number: 952

Accepted by: whedberg
6/12/2006

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: Value, Description. Rows: 4,416.18 Total Permitted, 40.46 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 Permittee is current relative to the electronic submittal of quarterly surface and ground water monitoring information for the Bear Canyon Mines permit area. The first quarter of 2006 information is not due until June 30, 2006. Thus, the Special Permit Condition which is included as part of Attachment "A" of the current State permit is being met.

One violation is pending within the Bear Canyon permit area. Designs for alternate sediment control areas, (snow storage areas) were required as part of the abatement action for N06-46-2-2, 1 of 2. These designs were submitted to the DOGM on May 11, 2006, which met the due date established within the NOV.

No violations were identified during today's inspection.

Inspector's Signature:

Date Wednesday, May 17, 2006

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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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

The Permittee has added additional freeboard to the ditch designated as D-4U (See PLATE 7-1D, Hydrology Map in the Bear Canyon MRP) at the toe of the ditch, west side of the first switchback going to the #1 Mine.

4.c Hydrologic Balance: Other Sediment Control Measures

As noted above, the Permittee has submitted plans to permit snow storage areas along the #3 Mine access road, as required within the remedial action section of N06-46-2-2, 1 of 2. The Division has initiated the review of this information, which was received on May 11, 2006. The Permittee was asked to design and permit areas to store and treat runoff from snow volumes stored during an average winter, based on NWS information for the Huntington Canyon area. The Permittee was reminded that the submittal of an ASCA design for the portal breakout developed as an escapeway portal for the #4 Mine was needed for final approval of the Task ID #2379 application.

13. Revegetation

The Permittee is in the process of seeding and matting the backfilled #2 Mine access road, which has been re-graded up to the #1 Mine electrical substation (this substation is out-of-service and will soon be dismantled). This project should be completed by the end of May, '06.

14. Subsidence Control

The Permittee's 2005 Annual report contains subsidence monitoring data, and a map depicting the locations of the monitoring points. Review of that submitted data is pending.

16.b Roads: Drainage Controls

The Permittee has breached the berm at the toe of the ditch designated as D-40U (See PLATE 7-1G, Bear Canyon MRP) which will allow the ditch flow to report off the disturbed area. Table 7-24, Summary of Diversion Ditch Calculations, page 7-116 of the MRP indicates that 3-inch D50 riprap is called for to minimize erosion in this area, prior to the flow leaving the disturbed area. Mr. Reynolds indicated that the ASCA submittal designated as Task ID #2523 contains "as-built" information for this ditch which indicates that the riprap is not needed. The review of this "As Built" information is pending. Mr. Reynolds intends to ask the General Manager what should be done relative to the placement of rip-rap in this area, prior to receipt of approval of the "As Built" information. The as-built information indicates that rip-rap is not needed here because the slope of the D-40U is not as steep as what the original design anticipated.

18. Support Facilities, Utility Installations

Mr. Reynolds indicated this day that the old electrical substation which provided service for the #1 and #2 Mines should be dismantled by mid-June, '06.

20. Air Quality Permit

The roads in the truck loading area as well as the Mine's access roads were noted as being very dusty. Mr. Reynolds indicated that part of this problem stems from the fact that it takes four hours to fill the water truck. Water was being applied during today's inspection. However, more frequent applications are necessary to effectively control fugitive dust generation on the site's primary roads. The paved area of the truck loading facility was also observed to have accumulations of pulverized coal dust on the road surface. This is not only a sediment control issue, but a safety hazard as well. Coal dust in suspension is very volatile. Mr. Reynolds indicated that it is his intention to speak to the General Manager about installing a pump on the water truck fill system in order to increase the number of water applications possible during an eight hour work shift.