



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 (Friday, April 07, 2006), Start Date/Time (4/7/2006 11:00:00 AM), End Date/Time (4/7/2006 1:00:00 PM), Last Inspection (Tuesday, March 14, 2006).

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, clear, 40's F.

InspectionID Report Number: 920

Accepted by: whedberg
5/3/2006

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 up to date for the submittal of quarterly water monitoring data for the Bear canyon permit area, and thus continues to meet the Special Permit Condition included in Attachment "A" of the current State permit.

Prior to today's inspection there were no compliance actions pending for the Bear Canyon Mines permit area.

Two violations were identified during today's inspection; both are relative to surface drainage controls along the #3 Mine access road.

Inspector's Signature:

Date: Tuesday, April 11, 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 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 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 checked="" type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" 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 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 checked="" 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 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

N06-46-2-2, 2 of 2 was issued to the Permittee for the following reasons; the inlet to culvert C-25U was blocked with ice and frozen snow. Ditch D-25U had been allowed to erode the bank adjacent to catch basin #2, which allowed ditch flow to report to the sediment control basin. Catch basin #2 is not permitted to treat this additional ditch flow. Catch basin #2 is designed to treat runoff from ASCA "W", and from the drip pans beneath the bottom belts above and below the coal silo on the #3 Mine road. As a result of this additional inflow, the basin could not treat the water volume. Water in the basin appeared very high in suspended solids. The basin discharges back onto the #3 Mine road in this area. Ditch D-25U does not exist here, although it is depicted on Plate 7-1G in the MRP.

4.c Hydrologic Balance: Other Sediment Control Measures

The Permittee has stock piled snow volumes at road switchbacks, wide areas in the Canyon, and other areas where snow storage volume could be obtained. The Division has repeatedly asked the Permittee to permit snow storage areas which would include runoff treatment methods (ASCA's) for the melting snow volumes. Although the Permittee did submit an amendment previously, that ASCA submittal was retracted due to inadequate information and other engineering department needs. Hence, a new submittal with adequate information to permit snow storage areas along the #3 Mine access road has never been received. The Permittee used the large area associated with the first switchback above the coal storage silo along the #3 Mine access road as a snow storage area. As observed this day, snow melt water was reporting from this snow pile to the center of the road down gradient of the pile. Melt water was not reporting to ditches D-29U, or D-30U. The pad area immediately adjacent to the snow pile toe perimeter was rutted, impounding snow melt water such that it could not report to ditch D-30U, the silt fence providing treatment, thence off the disturbed area perimeter.

13. Revegetation

As noted in the March inspection report, the Permittee has backfilled the Tank seam #2 Mine access road back to the now out of service electrical substation. Additional roughening is needed in the last sixty feet of backfill. This material is very rocky, and extreme roughening may not be possible. The Permittee intends to order erosion control matting and seed the area in the near future.

14. Subsidence Control

The Permittee has submitted an amendment to the DOGM to add an additional 7,500 acres to the Bear Canyon permit area. A meeting was held with the Permittee on April 10, 2006 relative to the list of deficiencies which the DOGM had returned to the Permittee on February 1, 2006. Although not listed as a deficiency, the Permittee was told on 4/10 that the requirements of R645-301-525.300, and 525.400 must be modified to reflect longwall secondary extraction methods. The current MRP only addresses secondary extraction and monitoring for pillar extraction via continuous mining methods.

16.b Roads: Drainage Controls

Culvert C-25U, as shown on Plate 7-1G, and is located along the #3 Mine access road switchback above the #3 Mine conveyor coal silo, was observed to have its inlet completely blocked with ice and frozen snow. Mr. Reynolds attempted to locate the culvert inlet with a spade shovel but was unable to clear the material. Ditch D-25U, which starts adjacent to the #3 Mine conveyor coal silo (first switchback, #3 Mine access road) was observed to be short circuiting, allowing its flow volume to report to Catch Basin #2. Catch Basin #2 is designed to treat runoff reporting to it from BTCA "W", as well as conveyor belt pan wash down water from the belts located immediately above and below the coal storage silo. As extra flow from D-25U was reporting to Catch Basin #2, the basin could not effectively treat the runoff reporting to it. Catch Basin #2 was observed to be discharging water back into ditch D-25U. This is the approved design; however, if this basin is functioning as it should, this treated water should be reported to the right fork of Bear Creek, and not back into a road ditch. Mr. Reynolds indicated the FS would have an issue with this. Further investigation is needed here. N06-46-2-2, 2 of 2 was written to correct the blocked inlet of C-25U, and repair ditch D-25U / Catch Basin #2 to function as designed.

17. Other Transportation Facilities

The Permittee has submitted an application to the DOGM to modify the truck loading facility such that two lane loading will be possible. Task ID #2469 is pending review.

20. Air Quality Permit

It will be necessary for the Permittee to amend the current Air Quality Approval Order through DEQ/DAQ in order to increase the loading capability of the tipple to dual lane loading (Task ID #2469).