



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
OGM	Pete Hess Environmental Scientist III

Inspection Report

Permit Number:	C0150025
Inspection Type:	COMPLETE
Inspection Date:	Monday, March 05, 2007
Start Date/Time:	3/5/2007 12:15:00 PM
End Date/Time:	3/5/2007 3:00:00 PM
Last Inspection:	Wednesday, February 07, 2007

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny; warm, 40's to 50's F.

InspectionID Report Number: 1229

Accepted by: whedberg *wh*
 3/7/2007

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

4,416.18	Total Permitted
40.46	Total Disturbed
	Phase I
	Phase II
	Phase III

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 is in the process of inserting surface and ground water monitoring information for the 4th quarter of 2006 for the Bear Canyon Mines permit area into the Division electronic water monitoring data base. Third quarter of 2006 was submitted in a timely manner. Thus, the Permittee continues to meet the Special Permit Condition included as Attachment "A" of the current State permit.

The two remaining Special Permit Conditions are relative to Interior Secretary approval of Federal leases U-038727 and U-0020668 prior to mining, and transfer of water underground in the #1 Mine (which is sealed) north of Big Bear and Birch spring. All mining occurs in the Wild Horse Ridge area. Hence, these two permit conditions are no longer considered pertinent.

The USFS anticipates completion of the EA for the Federal lease addition (Task ID #2734) on March 9, 2007.

There are no compliance actions pending for the Bear Canyon Mines permit area.

Inspector's Signature: _____

Pete Hess

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date _____

Tuesday, March 06, 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 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 checked="" 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 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 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 checked="" 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 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 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 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 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 current State permit issued by the Utah DOGM remains in effect until November 2, 2010.

2. Signs and Markers

The Permittee has ordered a new identification sign which will be posted next to the main gate at the end of the Emery County Bear Canyon road. The Permittee has repaired the telephone pre-fix on the sign which is currently posted.

4.a Hydrologic Balance: Diversions

The Permittee has replaced the corrugated metal pipe (serves as the Bear Creek undisturbed bypass culvert adjacent to the Pond "A" access road) with a larger diameter culvert (8 foot). Water was being discharged from the mine water discharge point (UPDES outfall 004A) inside the new culvert. The mine water appeared clean. Bear Creek was also running a small volume this day; the water appeared to be very high in suspended solids. All of the site's diversions which were visible appeared to be capable of functioning as designed. Some ditches along the #3 Mine access road remain under snow.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The Permittee conducted the fourth quarter 2006 impoundment inspections for the site's four sediment ponds and three catch basins on December 29. None of the impounding structures were noted as having unstable or other hazardous conditions, as observed by Mr. Mark Reynolds, P.E. There were no hazards noted this day. Pond "A" was frozen, and pond "D" contained compacted snow. Pond "B" was dry.

4.c Hydrologic Balance: Other Sediment Control Measures

The Permittee has installed erosion control matting on the outslopes of the new Bear Creek undisturbed bypass culvert adjacent to the channel. Mr. Reynolds noted that additional matting should be installed immediately adjacent to the channel.

4.d Hydrologic Balance: Water Monitoring

Discharge monitoring reports for the month of January 2007 were reviewed for parameter exceedances as well as timeliness. All reports were submitted on February 16, 2007, meeting the reporting requirement established within the UPDES permit. There were no flows from any of the five permitted outfalls.

5. Explosives

The Permittee has not conducted any surface blasting during the last year.

8. Noncoal Waste

The Permittee has removed and stored the chain link fence components which had been removed from the perimeter of the de-energized #1 Mine electrical substation.

12. Backfilling And Grading

The Permittee has been recommended for an Earth Day award for the reclamation associated with the #2 Mine Tank seam access road. Mr. Reynolds will make his presentation to the Board of OGM on March 28, 2007.

16.b Roads: Drainage Controls

The Permittee has constructed the alternate sediment control area / snow storage area which is located at the first switchback above the #3 / #4 Mine road junction. A large berm has been installed about 200 feet of the old disturbed area perimeter; a silt fence has been installed to treat melt water runoff prior to it leaving the disturbed area. The Permittee is also installing the snow storage area adjacent to the #3 Mine ROM conveyor east of the main WHR topsoil storage pile. This meltwater will report to catch basin #1.

17. Other Transportation Facilities

The Permittee has re-submitted the amendment to expand the truck loading facilities, (Task ID #2739).

20. Air Quality Permit

The Permittee has been notified that it will be necessary to amend the current air quality AO to increase the throughput for the 12-month rolling period. The approval of Task ID #2734 will implement longwall mining secondary extraction methods at the Bear Canyon site. Anticipated annual production with the implementation of the longwall method is predicted at 2.5 MTPY.