



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:	PARTIAL
Inspection Date:	Friday, August 25, 2006
Start Date/Time:	8/25/2006 10:16:00 AM
End Date/Time:	8/25/2006 11:35:00 AM
Last Inspection:	Thursday, July 20, 2006

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, clear, cool.

InspectionID Report Number: 1051

Accepted by: whedberg  
9/13/2006

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**

4,416.18	<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 is current relative to the submittal of quarterly surface and ground water monitoring information in an electronic form to the Division EDI. The Special Permit Condition included in Attachment "A" of the current State permit continues to be met.

August of 2006 is the surface and ground water monitoring period which must analyze for baseline parameters in order to terminate N06-46-1-1, "Failure to Collect Baseline Water Monitoring Information During August of 2005".

The Permittee has been contacted several times in order to ensure that all sites and parameters are collected such that this compliance action can be terminated.

The Division continues to process Task ID #2597, Bear Canyon lease addition, in conjunction with the U.S. Forest Service, Manti LaSal National Forest. The Permittee intends to add approximately 7,500 acres of mineral reserves as well as add longwall secondary extraction methods to the operation plan.

Inspector's Signature:

Pete Hess, Environmental Scientist III  
Inspector ID Number: 46

Date

Monday, August 28, 2006

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

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**Inspection Continuation Sheet**

**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 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**4.a Hydrologic Balance: Diversions**

The Permittee needs to recover the black 24-inch HDPE corrugated pipe which routed the undisturbed flow from the water shed designated as AU-4 through AU-3A; thence, through the canyon bottom in watershed AD-1B, (Please refer to PLATE 7-1C, Hydrology Map). The area above AU-3A has been reclaimed, and a riprap channel has been constructed. The recovery of the black HDPE pipe should complete the reclamation work through watershed AD-1B.

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

Bear Creek was observed to be flowing at a rate of approximately fifteen gallons per minute (Permittee estimate). The area has seen events on a regular basis due to thunderstorm events.

**5. Explosives**

A concrete foundation still exists where the conveyor headroller for the Bear Canyon seam belt was anchored (portal at the #1 Mine). The conveyor which joined the portal belt with the bin has been removed and lowered to the Canyon floor (adjacent to the tipple).

**11. Contemporaneous Reclamation**

The Permittee has removed part of the chain-link fencing from the old #1 Mine electrical substation; high voltage transmission wires have also been removed. Demolition of the remnants of that structure is pending.

**22. Other**

The Permittee will have the two remaining water samples collected for the third quarter 2006 water monitoring on August 30, 2006. These are SBC-4 and SBC-5 (Big Bear and Birch Springs). Copies of Analysis request forms for the remaining third quarter samples showing requested baseline parameters have been provided to the Division; confirmation that all monitoring has been completed will provide the information necessary to terminate N06-46-1-1, "Failure to Collect Baseline Water Monitoring Information During August of 2005".