



## 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:

OGM	Pete Hess	Environmental Scientist III
Company	Mark Reynolds	

## Inspection Report

Permit Number:	C0150025
Inspection Type:	COMPLETE
Inspection Date:	Thursday, September 14, 2006
Start Date/Time:	9/14/2006 8:30:00 AM
End Date/Time:	9/14/2006 11:30:00 AM
Last Inspection:	Friday, August 25, 2006

Inspector: Pete Hess, Environmental Scientist III

Weather: Dark cumulus clouds / very cool / breezy

InspectionID Report Number: 1067

Accepted by: whedberg *OK*  
9/29/2006

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 quarterly submittal of surface and ground water monitoring information in an electronic form to the Division web site. Thus, compliance with the Special Permit Condition included as Attachment "A" of the current State permit is being maintained.

N06-46-2-2, 1 of 2 remains pending for submittal of adequate designs for the proposed snow storage areas.

N06-46-1-1, which was relative to failing to analyze for baseline parameters during August of 2005 was terminated on August 31, 2006, with the submittal of chain of custody / parameter analyses request forms and confirmation that all required monitoring points had been sampled. Only one site did not require sampling, due to its dry condition.

The Division continues to permit the Bear Canyon lease addition which will add approximately 7500 acres of private as well as Federal leases to the permit area. The latest deficiency response, Task ID #2597 was sent to the Permittee on September 14, 2006. The USFS is heavily involved with this permit process.

Inspector's Signature: \_\_\_\_\_

*Pete Hess*

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date: Friday, September 15, 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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Permit Number: C0150025  
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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, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" 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 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 checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

The Permittee's qualified person, Mr. Mark Reynolds, P.E., performed the third quarter of 2006 impoundment inspections for the site's four sediment ponds and three catch basins on August 24, 2006. There were no signs of instability or other hazards noted for any of the sediment ponds or catch basins during the Permittee's inspection. All impoundments have adequate sediment storage capacity remaining. There were no compliance issues noted with any of the site's impoundments this day. Qualification statements for each of the Permittee's inspections were completed on 8/24.

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

One of the snow storage ASCA designs being proposed has a design problem in that the melt water does not have anywhere to report with the current design. The area is adjacent to the WHR 2-3 belt transfer point; the Permittee is looking at allowing this melt water to report to catch basin #1, which is located below conveyor #2, just SSE of the main WHR topsoil storage pile. The submittal of a revised design is pending.

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

N06-46-1-1, "Failure to Collect Baseline Water Monitoring Information during August 2005" was terminated on August 31, 2006, after the Permittee provided the Division with chain of custody forms, and parameter analyses request forms for operational and baseline parameters for all required surface and ground water monitoring sites, except BC-4, which was reported as dry. Bear Creek had a small flow this day.

#### **5. Explosives**

The Permittee has not conducted any surface blasting in recent months. The detonator and powder storage magazines located in the right fork appeared to meet all Federal explosives storage requirements (R645-301-524.800).

#### **8. Noncoal Waste**

An oil spill was observed on the graveled surface of the bath house parking lot. A diesel spill was observed at the fuel pumps by the scale house administration building. The Permittee was asked to clean both of these areas and dispose of the collected material according to the approved MRP.

#### **9. Protection of Fish, Wildlife and Related Environmental Issues**

Mr. Mark Reynolds, Utah registered professional engineer, re-certified the SPCC plan for this site during today's inspection. There have not been any changes to the fuel storage and bulk lubricant areas at this site. The last certification of this plan was performed in August 2003 by Mr. Charles Reynolds, Utah P.E., and General Manager for the Permittee.

**14. Subsidence Control**

The Division has required the Permittee to amend the subsidence control and monitoring plan as part of the Task ID# 2597 application. The Permittee intends to implement longwall secondary extraction methods for the new lease addition. The current plan only addresses subsidence control for room and pillar continuous mining secondary extraction. A report prepared by Malecki Technologies, Inc., titled "Prediction of Surface Deformation Resulting from Longwall Mining Over the Bear Canyon Reserve" has been included as part of the Permittee's application.

**16.a Roads: Construction, Maintenance, Surfacing**

Fugitive dust control was being conducted on the Wild Horse Ridge access roads to both the #3 and #4 Mines during today's inspection. At least one pile of road gravel was observed adjacent to the #2-3 WHR conveyor transfer point. It is the Permittee's intent to gravel the WHR primary roads prior to the onset of winter.

**18. Support Facilities, Utility Installations**

Dismantling of the #1 / #2 Mine electrical substation continues. The Permittee must dedicate the Company forklift to lower the electrical transformers to proceed.

**22. Other**

The reclamation agreement which is in place between the Permittee and the Division may need updating. This is being investigated.