

INSPECTION REPORT

Partial XXX Complete Exploration
 Inspection Date: 05/14/2003 / Time: 12:30-2:30 PM
 Date of Last Inspection: 04/11/2003

Mine Name: Bear Canyon Mine County: Emery Permit Number: C/015/025
 Permittee and/or Operator's Name: Co-Op Mining Company
 Business Address: P.O. Box 1245, Huntington, Utah 84528
 Company Official(s): Mr. Mark Reynolds, Engineer
 State Official(s): Peter Hess Federal Official(s): None
 Weather Conditions: Warm, 60's Fahrenheit / Partly cloudy
 Type of Mining Activity: Underground XXX Surface Prep Plant Other
 Existing Acreage: Permitted 3336.18 Disturbed 37.17 Regraded Seeded
 Status: Active XXX

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 N/A.
 - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing 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	N/A	COMMENTS	NOV/ENF
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. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The permittee has indicated that the construction of sediment pond "D" (located at the #3 Mine portal area) has been completed. However, upon an examination of the impoundment, and a review of Plate 7-11, which is the approved design for pond "D", the permittee has not constructed the emergency open channel spillway depicted on Plate 7-11 as SPILLWAY SECTION C-C'.

A follow up conversation with Mr. Charles Reynolds on May 15 clarified that the pond construction has not been completed and that the construction of the open channel spillway will be initiated on Friday, May 16. It should be noted that the permit area had received rain within the last twelve hours and that the #3 Mine portal pad area was very muddy. Hence, the construction of the spillway may need postponement until ground conditions improve.

Mr. Charles Reynolds also indicated that the four inch ball valve which is part of the decant has been installed on the down stream end in order to prevent the inability to decant should the design storm be exceeded.

Pond "D" will utilize a sediment marker to monitor the 60% cleanout elevation as well as the decant elevation. To date, this had not been installed.

The permittee needs to complete the cleanout of sediment pond "B".

There were no problems noted with pond "C" this day.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

There were no problems noted with any of the other sediment controls that have been implemented along the #3 Mine access road (catch basins, erosion control matting, silt fences and straw bales).

4D. HYDROLOGIC BALANCE: WATER MONITORING

The permittee notified the Division on this day that it is their intent to have EarthFax Engineering Inc. come to the permit area on May 20, 2003 to conduct the required water monitoring on two of the four wells that were the subject of N03-40-1-1. EarthFax apparently has a probe that is capable of determining the water levels in the two wells where CO-OP does not. The other two wells should be re-plumbed prior to May 30, which is the remedial action due date, based on the last extension.

It is the Division's intent to inspect the wells on or before May 30, 2003 in order to determine that the re-plumbing of same has been completed, such that the termination of N03-40-1-1 can be completed.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

As noted in previous reports, the development of the Bear Canyon #3 Mine (Wild Horse Ridge addition) is generating some coal mine waste, which is being temporarily stored adjacent to the sediment pond "D" area prior to being hauled to the Hiawatha permit area for final disposal. Mr. Mark Reynolds indicated that the permittee is evaluating the possibility of permitting a permanent refuse disposal area within the Bear Canyon Mine disturbed area. The area between the bathhouse and pond "C" is being considered.

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14. SUBSIDENCE CONTROL

The permittee submitted an annual subsidence report with the 2002 annual report, which was received on April 17, 2003 in the Price Field Office. The permittee has monitored twenty-one points for deflection over the #1 and #2 Mines for several years. The largest amount of sag or heave reported during 2002 was -0.97 feet at SMS-2 and +0.59 feet (heave) reported at SMS-15. Nineteen new monitoring points have been installed adjacent to the #1 and #2 Mines to monitor subsidence, (points 500-519). The permittee has also installed monitoring points 520 – 545 to monitor subsidence of the Wild Horse Ridge area.

To date, only development mining is occurring in the #3 Mine. The #4 Mine access road is still under construction. Plate 3-3 shows the location of each of the monitoring points that have reported or will be reporting information. Both the Plate and the deflection information have been P.E. certified by Mr. Charles Reynolds.

19. AVS CHECK

An evaluation of the ownership and control information for the permittee was conducted as part of the review relative to the 2002 annual report. The information received as submitted to the Utah Department of Commerce correlates with information verified on April 17, 2003 from the Department of Interior, Office of Surface Mining's Applicant Violator System.

20. AIR QUALITY PERMIT

The permittee's water truck was observed operating during today's inspection. It was noted that the upper section of the Bear Canyon #3 Mine access road was in need of fugitive dust control. The lower portions of the #3 Mine access road have been well compacted and are graveled in certain sections.

Inspector's Signature: _____ Date: May 15, 2003
Peter Hess #46

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

cc: James Fulton, OSM
Wendell Owen, Co-Op Mining
Price Field office
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