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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
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March 4, 1998

To: File

Thru: Joe Helfrich, Permit Supervisor-Compliance *JH*

From: Peter Hess, Reclamation Specialist III *PH*

RE: Road Base Fines over Outslope, Tank Seam Storage Pad, CO-OP Mining Company, Bear Canyon #2 Mine, ACT/015/025, Folder #2, Emery County, Utah

With regard to my 10/28/97 inspection report at the Bear Canyon #1 and #2 Mines (C.W. Mining Company), I have followed up on this issue to hopefully address the concerns aired by Mr. Ron Sassaman, OSM-Denver. Although I re-evaluated this area during the 11/18/97 inspection, I failed to mention that the permittee had made repairs to the area in that month's inspection report. They had cleaned up the fines, installed additional disturbed area markers and installed erosion control matting over the soil that was under the fines. Mr. Reynolds was also informed on 10/28/97 that the disturbed area map would need to be updated, as well as a bond adjustment made or at least addressed. In consideration of the size of this new additional disturbance (approximately 65' x 12'), I told Mr. Reynolds he could wait and submit the revised bonding figures and new map with his next amendment. According to Mr. Reynolds, these will be submitted with ACT/015/025-98A, which is a requested modification to culvert C-2D at Bear Canyon. Mr. Reynolds anticipates submitting this amendment during early March 1998.

During a 3/2/98 telephone conversation, Mr. Reynolds confirmed that the actions taken in the field were completed the week following the 10/28/97 inspection.

I hope this adequately addresses Mr. Sassaman's concerns. If you or Mr. Sassaman have any comments or additional concerns, I would appreciate hearing them from the perspective of professional awareness enhancement.

sd
enclosure

cc: Charles Reynolds, Co-Op, Huntington, w/o enc





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INSPECTION REPORT

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Partial: XXX Complete: Exploration:

Inspection Date & Time: 10/28/97 / 8:30a.m.-1:00p.m.

Date of Last Inspection: 9/23/97

Mine Name: Bear Canyon Mine County: Emery Permit Number: ACT/015/025

Permittee and/or Operator's Name: Co-Op Mining Company

Business Address: P. O. Box 1245, Huntington, Utah 84528

Type of Mining Activity: Underground XXX Surface Prep. Plant Other

Company Official(s): Charles Reynolds

State Officials(s): Peter Hess Federal Official(s): None

Weather Conditions: Clear, 40's

Existing Acreage: Permitted- 1531 Disturbed- 24 Regraded- 0 Seeded- 0 Bonded- 24

Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-

Status: Exploration/ XXX Active/ Inactive/ Temporary Cessation/ Bond Forfeiture

Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

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 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 type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. DIVERSIONS	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 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 (4th Quarter-April, May, June) _____ (date)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT
(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 10/28/97

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee submitted a response this day to deficiencies which were a concern to this inspector regarding amendment ACT/015/025-97B. This amendment deals with the paving of the parking lot area adjacent to the scale house. The permittee is proposing to install approximately 260 cubic yards of asphalt. The review of this response is under way.

4a. HYDROLOGIC BALANCE: DIVERSIONS

The permittee has made progress in the repair of ditch D-7D, as referred to in the September inspection report. Work has been slowed due to the necessity of repairing various water lines which are part of the culinary system, (supply lines for the maintenance shop and bath house). The lines were encountered when excavation began to rework D-7D. A trackhoe was observed operating this day on the north end of the maintenance shop; new culinary lines have been run and the hoe operator was preparing to fill the excavation. Because of freezing of the culinary line in the past (due to shallowness), the permittee has buried the retrofit well below the frost line. The water tank which is located on the SSW corner of the coal storage pad has been resupported and the ditch has been riprapped again. Mr. Reynolds indicated that he felt that the remainder of the ditch would be reshaped by the end of this day. The replacement of the erosion protection in this channel may take a few more days.

Culvert C-1U needs to have the trash rack cleaned. The path that the overflow takes from the water tank located at the Hiawatha seam fan installation should be re-evaluated. This water is presently running across the road in an uncontrolled manner; a berm then directs it to disturbed culvert C-1D (See Plate 7-1C, Surface Hydrology). Mr. Reynolds indicated that he would evaluate this flow path to determine an alternative method.

9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES

The permittee is using the point on the SE corner of the Bear Canyon #2 Mine (Tank seam) portal pad to store road gravel. Equipment operators loading and hauling this rock have pushed it too close to the outslope (covering the berm) in the loading process. Precipitation events have carried the fines from this gravel pile down, burying a section of the erosion control matting. The washed down material is outside of the disturbed area perimeter, as indicated by Plate 2-4E, Surface Facilities. The permittee needs to pull the gravel pile back, re-establish the berm, and install new erosion control matting on the outslope. Plate 2-4E should also be revised to show the additional disturbance due to mining. The permittee may want to consider the installation of a "backstop" to protect the berm and prevent a recurrence of this.

INSPECTION REPORT
(Continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 10/28/97

(Comments are Numbered to Correspond with Topics Listed Above)

18. SUPPORT FACILITIES/ UTILITY INSTALLATIONS

Mr. Reynolds indicated that the new tipple installation is very close to coming on line. Maintenance personnel are installing fire and dust suppression devices here in anticipation of start up.

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

Copy of this Report:

Mailed to: Charles Reynolds (Co-Op) Henry Austin (OSM)
Given to: Joe Helfrich (DOGM) Filed to: Price Field Office
Date: October 30, 1997

Inspector's Signature:  #46
Peter Hess