



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Partial: Complete: XXX Exploration:
Inspection Date & Time: 5/8,23/96 / 8:00a.m.-2:00p.m.
Date of Last Inspection: 4/26/96

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, Robert Davidson Federal Official(s):
Weather Conditions: 5/8/96, Snow - 5/23/96, Cold, Rain
Existing Acreage: Permitted- 1531 Disturbed- 24 Regraded- Seeded- 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 checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" 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 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 VALUES	<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 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 type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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INSPECTION REPORT
(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 5/8,23/96

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee has submitted amendment 96B to this inspector for review. This amendment will update the Chapter 11 portion of the MRP which relates to air quality.

DAQE-487-96 (approved on May 2, 1996) replaces DAQE-302-96 which was approved on March 14, 1996. This AO permits CO-OP to increase its annual allowable production from 400,000 to 750,000 TPY. This increase in the allowable fugitive dust emissions was also necessitated by the increase in the mine's crushing capacity and the length increase of the sites haul roads.

3. TOPSOIL

At my request, and with the approval of Mr. Charles Reynolds, I asked Mr. Robert Davidson, Soils Scientist, of the SLC-DOGDM to look at the two topsoil piles which were built in conjunction with the construction of the Tank Seam access road. Mr. Paul Baker, Reclamation Biologist, accompanied him. Mr. Davidson reviewed the soils analyses which were done for the Tank Seam topsoil test pits. His review did not reveal any soil chemistries which would hinder growth. The field inspection of the two piles did bring the following recommendations;

- 1) a surface roughening technique should be implemented (i.e., pocking with a spade shovel) to improve the moisture retention capability of the piles.
- 2) mulch, or excelsior matting should be applied to at least the tops of the piles to, once again increase the moisture retention capability of the soils.

Both individuals feel (including Ms. Susan White) that these procedures will enhance the development of adequate vegetative cover if implemented.

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(Continuation sheet)

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4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The 1st Quarter sediment pond inspections for the site were completed on March 28, 1996. The following was noted during the review of the inspection reports.

- 1) Sed pond A needs cleaning, and
- 2) Sed pond C needs to have the cleanout and the recertification completed. During today's field inspection, Mr. Reynolds indicated that it was doubtful that any more material would be removed from pond C; only the recertification by Mr. Kim Mangum, Mangum Engineering Consultants, needs to be completed.

According to the discharge monitoring reports which were reviewed for the months of January through April, 1996, none of the ponds have discharged recently. There were no problems noted at any of the ponds during today's inspection.

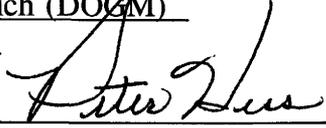
4d. HYDROLOGIC BALANCE: WATER MONITORING

The 1st quarter water monitoring report was submitted to the DOGM for the Bear Canyon site on April 18, 1996. A review of the current water monitoring data at the site does not indicate any problems with sampling frequency or water chemistries.

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) Marcia Petta (OSM)
Given to: Joe Helfrich (DOGM) Filed to: Price Field Office
Date: June 5, 1996

Inspector's Signature:  #46
Peter Hess