

0017



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

gph

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Partial: Complete: XXX Exploration:

Inspection Date & Time: 8/12/98 / 8:00a.m.-1:00p.m.

Date of Last Inspection: 7/28,29/98

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: Cool, Partly Cloudy, 70's
Existing Acreage: Permitted- 1032.75 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

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - 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.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- 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:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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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(Continuation sheet)

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION: 8/12/98

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee has submitted amendment ACT/015/025-98B as of today. As mentioned in the July 28, 1998 inspection report, it is the permittee's intent to seal the #1 Mine (Hiawatha seam areas) as no mining is intended there for approximately the next ten years. The review of this amendment (which merely consists of a revised Plate 3-4B) is currently pending. It is anticipated that mining will be re-initiated in this Mine in 2007.

Mr. Charles Reynolds was informed on August 14, 1998 that it would be necessary to provide a list of the surface to underground mine openings plus indicate what temporary means will be implemented to prevent access to the inactive Hiawatha seam workings by unauthorized persons.

Mr. Reynolds indicated that the sealing plan for the Hiawatha seam has not been worked up for submittal to MSHA. Mr. Reynolds also indicated that he would like amendment 98B be put on hold until he can submit the requested information.

It will be necessary for Mr. Reynolds to address the requirements for temporary cessation of mine related activities in the Hiawatha seam, as mandated by R645-301-515.320 and .321.

The current Bear Canyon permit expires November 2, 2000; the mid term review of same is currently underway. Bond and permit boundary descriptions are two of the major issues pending at this time. The permittee has responded to these issues as of June 30, 1998. Mr. Reynolds anticipates that the bond amount for the site will be increased to \$575,567 for 1998.

4a. HYDROLOGIC BALANCE: DIVERSIONS

Ditch D-7D behind the machine shop (as indicated by Plate 7-1C, Hydrology Map) needs to be redefined to specification.

4b. SEDIMENT PONDS AND IMPOUNDMENTS

Second quarter sediment pond inspections were conducted for the site's three ponds on June 15, 1998. The following were noted:

- 1) Pond "A", UPDES #002A; this pond was cleaned during August, 1997. There is plenty of sediment storage capacity remaining. There were no signs of instability or other hazards reported. Sediment is building at the mouth of the inlet.

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- 2) Pond "B", UPDES #003A; clean out of this pond was completed in April. No hazards were noted for pond "B". Both ponds "A" and "B" have been recertified by Mr. Charles Reynolds, P. E.
- 3) Pond "C", UPDES #006A; there were no hazardous conditions reported for this pond.

None of the ponds have discharged during 1998. There were no problems noted during today's field inspection.

4d. WATER MONITORING

Discharge monitoring reports for the site's four UPDES discharge points were reviewed for submittal. As noted above, none of the ponds have discharged for some time. UPDES point #004A (mine water discharge to Bear Creek) is the only outfall which flowed. There were no exceedances reported for April, May, or June. All submittals were timely. 004A experienced flows ranging from 70,560 GPD in April up to 112,320 GPD in June. Mr. Reynolds indicated that this was due to the mine pumping water into the old North Mains section for storage/in mine usage.

The second quarter water monitoring report for the site was submitted to the DOGM-SLO on July 31, 1998.

A review of some of the submitted data indicated that cation/anion percentages ranged from -2.2 % to as high as -9.5 %. It is my understanding that any percentage over and above the 5 % margin of error should be of concern. Bear Canyon water samples have been noted for having this problem before.

4e. EFFLUENT LIMITS

The Bear Canyon site received a new UPDES permit UTG040006 effective May 1, 1998. This permit will expire April 30, 2003.

8. NONCOAL WASTE

A problem which has existed for some time at this site is the storage of wrecked or broken employee's vehicles in various locations. Various parts from same seem to be scattered about the site, with no apparent regard for R645-301-528.331. A quarter panel for a foreign make auto was discovered behind the NW corner of the miner's bath house on the topsoil storage pile. The remains of a mid-80's Chevrolet ½ ton pickup and a Pontiac Firebird rollover were observed in the maintenance shop area. It was suggested to Mr. Reynolds that these vehicles be taken care of as expeditiously as possible. Also,

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the employee's should be informed that it is not acceptable to store their personal paraphernalia about the Mine site. It is recommended that the following procedures for this type of activity be followed:

- 1) vehicles need to be repaired, parted out, or junked/sold as soon as possible.
- 2) parts and/or vehicles for mine related activities should be stored in one central location in a "controlled" manner.

The permittee is allowing a bad habit to form, in that "public" paraphernalia is being allowed to accumulate at the mine site. Mine sites are not intended to be wrecking yards.

19. AVS CHECK

As indicated by a letter dated May 27, 1998 from the Division to the permittee, an update of the permittee's ownership and control information has been mandated by the mid-term review of ACT/015/025.

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 (DOG M) Filed to: Price Field Office
Date: August 19, 1998

Inspector's Signature:  #46
Peter Hess