



0042

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: Dec. 15 & 16, 1988
9:00 am - 4:30 pm & 9:00 am - 12:00 pm

Permittee and/or Operators Name: CO-OP Mining Company
Business Address: P. O. Box 1245 Huntington, UT 84528
Mine Name: Bear Canyon Permit Number: ACT/015/025
Type of Mining Activity: Underground Surface Other
County: Emery State: UT
Company Official(s): Gerald Hansen
State Official(s): Bill Warnack, Rade Orell (OSM)
Partial: Complete: Date of Last Inspection: November 3, 1988
Weather Conditions: Light snow (15th), clear & cold (16th)
Acreage: Permitted 900 Disturbed 10 Regraded Seeded Bonded 10
Enforcement Action: NOV #88-30-6-3; Four TDN'S (OSM)

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(X)
2. SIGNS AND MARKERS	(X)	()	()	(X)
3. TOPSOIL	()	(X)	()	(X)
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	()
b. DIVERSIONS	()	(X)	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	(X)
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	(X)	()	()	()
5. EXPLOSIVES	(X)	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(X)	()	()	()
7. COAL PROCESSING WASTE	()	()	(X)	()
8. NONCOAL WASTE	(X)	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	()
10. SLIDES AND OTHER DAMAGE	()	()	(X)	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	(X)
12. BACKFILLING AND GRADING	()	()	(X)	()
13. REVEGETATION	(X)	()	()	()
14. SUBSIDENCE CONTROL	(X)	()	()	(X)
15. CESSATION OF OPERATIONS	()	()	(X)	()
16. ROADS				
a. CONSTRUCTION	(X)	()	()	()
b. DRAINAGE CONTROLS	(X)	()	()	()
c. SURFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	()	()	(X)	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	()

INSPECTION REPORT
(continuation sheet)

Page 2 of 5

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION Dec. 15 & 16, 1988

(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS

This complete inspection was an oversight inspection with Rade Orell (OSM); Gerald Hansen (CO-OP) was present during the field portion of the inspection. The inspection commenced with a review of the mine records at the Bear Canyon Mine office. Following the remainder of the field portion on December 16, a closeout was held with Gerald Hansen and Wendell Owen. Since additional research was required regarding several on-site conditions, the undersigned inspector issued State Violation N 88-30-6-3 on December 21; four Ten-Day-Notices (TDN'S) were issued by the OSM representative from his Albuquerque office. A light snow covered the site on december 15; weather was clear and cold on December 16.

1. PERMITS

A review of the pertinent mine records was conducted prior to the field inspection. Overall, the records were in an organized manner which was a major improvement from past experiences. CO-OP personnel are commended for their efforts in achieving a manageable file arrangement.

1. CO-OP received an approval on a seasonal lump coal storage area from the Division on October 5, 1988.
2. A copy of the certificate of insurance through Admiral Insurance Co. was on hand. The policy is effective from July 11, 1988 through July 11, 1989.
3. A performance bond is filed with Sandy State Bank in the amount of \$256,122.00.
4. Pond and haul road certifications were reviewed. Mr. Orell questioned as to whether or not Pond B has been recertified to include the deletion of the inlet culvert and addition of the road swale. Mr. Orell issued a TDN for failure to certify Pond B after reconstruction; UMC 817.46(r) was referenced. Evidently, the inlet culvert was deleted after the pond was certified on September 30, 1985. However, the haul road was recertified on September 16, 1988 which should include the swale construction since the pond was not reconstructed as such; only inlet points were changed.

INSPECTION REPORT
(continuation sheet)

Page 3 of 5

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION Dec. 15 & 16, 1988

(Comments are Numbered to Correspond with Topics Listed Above)

5. Quarterly UPDES reports were not available during review. However, reports were noted during a recent complete inspection at Trail Canyon on November 16, 1988. Further, the matter was confirmed with Patti Winslow (Department of Health) on November 16, 1988. Since the reports were not available and could not be located, Mr. Orell issued a TDN for failure to maintain office records; UMC 840.14 was referenced.
6. On December 15 & 16, an overflow from a culinary water tank located north of the bathhouse was observed as discharging into the undisturbed drainage ditch D-10U. The matter was discussed with Wendell Oven and further discussed with Mary Koltenuk (Department of Health). Some confusion still overshadows this particular subject, especially regarding UPDES permit requirements and the Department of Health regulations. Mr. Orell issued a TDN for failure to comply with state and federal water quality statutes, regulations, standards, or effluent limitations; UMC 817.41(c) was referenced.

2. SIGNS AND MARKERS

Perimeter markers, mine I. D. sign, stream buffer zone sign, and the topsoil storage sign (storage area across from the office) were observed and in good repair.

3. TOPSOIL

Since the ballfield is classified as a topsoil storage area, performance standards are required to be adhered to. Topsoil storage signs were not evident and the "disturbed" area drainage did not pass through a sediment pond or treatment facility and it had not been demonstrated that the area qualified for a Small Area Exemption. Also, erosion on the southeastern outslope was noted. State Violations N 88-30-6-1&3 were issued for failure to maintain topsoil storage areas in accordance with the approved plan and failure to pass disturbed area drainage through a sediment pond or treatment facility and/or demonstrate that the area qualifies for a Small Area Exemption.

4b. DIVERSIONS

1. The drainage along the access road to the tipple building was discussed with Mr. Hansen specifically regarding the coal and coal fines within the drainage. The majority of the material was washed

INSPECTION REPORT
(continuation sheet)

Page 4 of 5

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION Dec. 15 & 16, 1988

(Comments are Numbered to Correspond with Topics Listed Above)

down from the area adjacent to the coal recovery bin during recent cleanup of several "hot spots". Mr. Hansen was made aware that the coal material should be removed from the drainage to eliminate some of the material reaching Pond A.

2. The berm around the substation needed improvement. Mr. Hansen stated that he has already completed some of the work (12/21/88).
3. Inlet area to culvert 7U (upstream from silt fence) has been cleaned.
4. A considerable amount of weeds were in the inlet to culvert D-9U at the southwest side of the coal storage yard. Mr. Hansen agreed to remove the weeds as soon as possible.
5. The drainage ditch D-4D that drains the coal storage pad to culvert C-2D had been inadvertently filled with coal. Apparently, coal was stockpiled from the south stacking tube without realizing the capacity of the storage area. State Violation N 88-30-6-2 was issued for failure to maintain diversion.

4c. SEDIMENT PONDS:

Both sediment ponds were observed and no associated erosion or stability problems were noted. Sediment level in Pond A was about 2 inches below the red indicator paint; pond cleanout is still progressing.

4d. OTHER SEDIMENT CONTROL MEASURES.

1. As discussed in #3, the ballfield/topsoil storage area drainage failed to pass through a sediment treatment facility. As a corrective measure, CO-OP will install supplemental sediment controls (ie, silt fences) along the toe of the storage area and apply for a Small Area Exemption.
2. On December 16, a sand pile was noted at the southeast corner of the ballfield area. The undersigned inspector requested that a berm be constructed around the sand pile to control drainage and included this in State Violation N 88-30-6-3. After discussing the matter with Wendell Owen on December 21, it was clear that the sand was off CO-OP's permit area and that it also belongs to Emery County Road Department. An agreement was arranged between the County and CO-OP management by which the County will supply the sand and CO-OP will

INSPECTION REPORT
(continuation sheet)

Page 5 of 5

PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION Dec. 15 & 16, 1988

(Comments are Numbered to Correspond with Topics Listed Above)

maintain the stretch of County road from HWY 31 to CO-OP's property gate. In the best interest of all, CO-OP will construct the berm as requested.

3. Silt fences at culvert C-6U and undisturbed drainage ditch D-10U (below warehouse) have been installed and functioning properly. All remaining silt fences were in good repair.
4. The southern outslope of the coal storage pad adjacent to the undisturbed drainage ditch D-10U was questioned by Mr. Orell as to whether the disturbed drainage off the slope mixes with the undisturbed drainage. The area specifically in question was approximately 90 feet along the ditch which is used as a travelway by the employees to the bathhouse. Mr. Orell stated that the disturbed drainage should be treated (silt fence, etc.) before entering the ditch. However, a silt fence is located within the ditch below the warehouse which in fact treats the drainage. Mr. Orell issued a TDN for failure to pass disturbed area drainage through a sediment pond or treatment facility; UMC 817.42 was referenced. Mr. Hansen was instructed by the undersigned to increase the berm height along the ditch to ensure all disturbed drainage passes to the sediment pond.

4e. SURFACE AND GROUNDWATER MONITORING

Monthly and quarterly water data were reviewed and found in an organized state. All of the sample points were monitored according to the approved guidelines.

11. CONTEMPORANEOUS RECLAMATION

In hopes of establishing some vegetative growth, the outslope from culvert C-1U at the upper storage yard has been seeded and hydromulched. The vegetation, once established, should provide additional support to the steep slope.

14. SUBSIDENCE CONTROL

Subsidence monitoring was completed in June and October and results will be submitted to the Division as required.

Copy of this Report:

Mailed to: Gerald Hansen, Co-op

Mailed to SLC for: Brian Smith, OSM; Joe Helfrich, DOGM

Filed to: PFO

Inspectors Signature and Number: William A. Warmack #30 Date: December 23, 1988

William A. Warmack 12/23/88