

February 9, 1984

Inspection Memo
to Coal File:

RE: Co-op Mining Company
Bear Creek Canyon Mine
ACT/015/025, Folder # 7
Emery County, Utah

DATE: December 22, 1983
TIME: 9 a.m. - 1:15 p.m.
WEATHER: Cold and overcast with snow
COMPANY OFFICIALS: Mel Coonrod, Wendell Owen
STATE OFFICIALS: Ken Wyatt, Joe Helfrich and Lorin Nielsen
ENFORCEMENT ACTION: None

Compliance With Permanent Performance Standards

UMC 771 et al Permits

Available permits and approvals at the mine site included:

1. An interim approval letter from Jim Smith dated March 20, 1981.
2. The scale house modification approval dated October 12, 1983 from Jim Smith.
3. Topsoil stockpiles consolidation approval dated August 17, 1983.
4. A water rights stream alteration No. 570 dated November 8, 1983.
5. Final approval for the septic tank installations from the Southeastern Utah Health District.
6. BLM right of way No. U-52411 granted to Emery County on September 15, 1983. This right of way is in relation to the Bear Creek Canyon haul road as discussed in previous memos.
7. Emery County approval for construction of the haul road dated November 15, 1983. This is the approval that begins the time clock in relation to the outcome of the August 25, 1983 Board Hearings.

UMC 817.11 Signs and Markers

The mine identification sign had been knocked over due to snow removal activities adjacent to the catch basin by the scale house. This sign was reinstalled. Perimeter markers in the form of roofbolts were observed.

UMC 817.21-23 Topsoil

The topsoil stockpile has been conglomerated as per the August approval. This area was hydromulched and bermed at that time. A topsoil sign was observed at the crest of this topsoil.

UMC 817.41-.52 Hydrologic Balance

The berm at the hairpin turn of the road to the upper portal area was being encroached by material storage. Co-op agreed to remove the timbers from this area.

Work was on going at this time to facilitate drainage from the shop pad into the disturbed area ditch on the southeastern corner of this pad. The inlets through the snow banks to the disturbed area ditch and the catch basin at the scale facility area were present and maintained adequately. Co-op agrees to maintain these inlet areas opposite each other by the cross culvert.

UMC 817.52 Surface and Ground Water Monitoring

NPDES Permit No. UT-0023612 was issued on March 22, 1982 with an effective date of April 21, 1982. This permit allows discharge from the Bear Creek Canyon Mine area into Bear Creek. The expiration date of this permit is December 31, 1986.

Surface water monitoring data was available through November 1983. No problems were apparent from this data. Table 1 below illustrates these data:

TABLE I

DATE	SITE *	FLOW (GPM)	Temp ° c	pH	TSS	Fe	Mn
9-20-83	UB	9.4	17	8.2	3437	5.4	0.8
	LB	11.8	17	8.2	2616	<.05 ¹	.08 ¹
10-24-83	UB	32.6	1	7.4	1349	2.66	.35
	LB	36.0	1	7.7	1238	2.66	.32
11-29-83	UB	NF	0	8.2	686	.80	.18
	LB	40	0	8.3	512	.86	.13

* UB = Upper Bear Creek above Mine
LB = Lower Bear Creek Below Mine

1 Sample not preserved

UMC 817.89 Disposal of Noncoal Waste

Noncoal wastes produced at the Bear Creek Canyon Mine are temporarily stored in dumpsters and periodically hauled from the mine site for disposal in a sanitary land fill.

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UMC 817.150-.176 Roads

The Bear Creek Canyon haul road subject to several violations and the August 25, 1983 Board Hearing is slated to be upgraded to meet standards as discussed in that board order. Co-op requestd an extension to the ninety day compliance period. According to Ms. Barbara Roberts, of the Attorney Generals Office, this extension was granted to Co-op until May 1984.


Ken Wyatt
Field Specialist

KW:re

cc: Tom Ehmett, OSM
Wendell Owen , Co-op Mining Company
Joe Helfrich, DOGM
Mary Boucek, DOGM

Statistics: See Utah Power and Light, Wilberg Mine memo dated January 19, 1983
Grant: A&E
75950