



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AD74 K

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

INSPECTION REPORT

Partial: XXX Complete: Exploration:
Inspection Date & Time: 12/27/2001 11AM to 3PM
Date of Last Inspection: 11/28/2001

Mine Name: Bear Canyon Mine County: Emery Permit Number: C/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 Official(s): Mike Suflita Federal Official(s): None
Weather Conditions: Cold, 30 degrees, clear & sunny, calm winds
Existing Acreage: Permitted 3336.18 Disturbed 36.4 Regraded Seeded
Status: Active XXX

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- 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 checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. 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 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 ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input 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:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 (4 th Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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(Continuation sheet)

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DATE OF INSPECTION: 12/27/2001

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The Operator mailed the amendment for installation of a culvert over Bear Creek yesterday. No other amendments are pending.

2. SIGNS AND MARKERS

A new Topsoil Pile sign is installed on the pile at the bottom of the canyon undergoing construction.

Blasting warning signs are located at the main entrance to the mine, at the road entrance leading to the new construction, and in the immediate areas of the blasting. These signs were observed on this inspection as well as the last two inspections.

3. TOPSOIL

Topsoil piles along the Tank Seam Road are signed and in good condition. No erosion was observed and vegetation looked OK.

The new topsoil pile for Wild Horse Ridge is full and has a ditch to divert road flow around it. A new Topsoil Pile sign is installed. The pile does not appear to be seeded.

The topsoil pile across the canyon from the warehouse has vegetation on it and shows no signs of erosion.

4A. HYDROLOGIC BALANCE: DIVERSIONS

In general, all ditches along roads were cleaned and clear and appeared to have been recently scraped. Similarly, undisturbed drainage ditches were cleaned and clear. This includes the main mine site, above the coal piles, above the warehouse, along the Tank Seam road, and along the new Wild Horse Ridge road. There are, however, three areas in need of maintenance:

- 1) The large, 5 ft. diameter, metal culvert that crosses perpendicular to, and beneath, the main road down the road from the coal stockpiles, needs cleaning. This culvert is directly below the three fuel storage tanks. Rocks and sediment have built up about a foot deep the entire length of the culvert. There are also some large rocks partially blocking the entrance to the culvert.
- 2) The oil and grease trap at the warehouse needs to be cleared immediately. Observation shows it is full of ice and snow and flows bypass the trap. This is also evident from the flows of oils and what appears to be hydraulic fluid, flowing out the small culvert below the warehouse pad and into sediment pond A. There is also considerable grease on the warehouse pad.

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- 3) The undisturbed drainage ditch above the explosives magazines needs cleaning. The top/head of the ditch has completely filled with sediment and flows are beginning to flow directly down onto the storage pad where the ventilation fan is located. A storm event would wash out the area and cause considerable damage to equipment and the ditch. Also, the ditch itself needs cleaning as fallen rocks and sediment have filled in some lengths of the ditch.

The corrugated metal culvert on the road below (approaching) the coal stockpiles has been cleaned and the partially crushed inlet has been repaired. The concrete culvert adjacent to sediment pond A is clear.

All culvert inlets and outlets on the Tank Seam road were found to be clear, as were all ditches. The culvert on the Tank Seam road that had a flexible conduit on the outlet end come loose has been repaired.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

Sediment pond A is at the point it will need clean out in the spring. The sediment is nearly up to the 60% clean out marker on the sediment depth pipe. Embankments were in good condition as were the primary and emergency spillways.

Pond B had ice in it and no water was flowing into the pond. This is a full-containment pond. Embankments were in good condition as were the primary and emergency spillways. The pond does not need immediate clean out.

Pond C was completely dry and vegetation indicates it has not had water in it for some time. The pond does not need immediate clean out.

Pond D will be installed at the upper end of the Wild Horse Ridge construction site. Construction for that pond continues with the outlet pipe being installed alongside the concrete culvert under the pad. There's a very large boulder directly where sed pond D is to be located. There are two sediment traps in that canyon. The lower one is constructed, complete with a rip-rapped outlet channel. It's larger than the approved trap, but that's good. The upper trap, located at the coal storage pile, has not been constructed yet.

The impoundment around the two fuel storage tanks on the coal pile pad has recently been cleaned out. The containment area appears to have sufficient volume should a tank rupture. The impoundment around the three fuel storage tanks below the warehouse pad needs cleaning and the berms need repair. Rock and soil have fallen from the hill above the tanks and the berm has eroded. In addition, snow and ice have accumulated in the containment area.

Mr. Reynolds and I discussed the concept of separating sediment pond drainage from spills of diesel and gasoline fuel, as contemplated by SPCC plans. The current SPCC plan for the mine is designed for such drainages to enter sediment pond A. I left a copy of a DRAFT document titled Issues and Concerns of Using Sediment Ponds to Contain SPCC Contaminants, December 5, 2001.

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8. NONCOAL WASTE

The mine site was found to be clear of non-coal waste.

17. OTHER TRANSPORTATION FACILITIES

The two new towers approved in the latest amendment are completely installed. The coal storage bin construction continues with the bin itself and surrounding supports having been added since last month. The uppermost concrete pad for the conveyor system has been placed. The corrugated metal pipe, arch cover over the pad has been completed, but the concrete for the building has not been placed.

The concrete culvert under this uppermost pad is essentially complete, but needs a few more pipe sections.

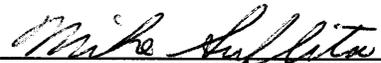
There are three new conveyor belt sections in the new construction. Number 1, the lowest, has yet to be begun. Number 2, the middle section, is completely installed and only needs electric power to be added. All the top and side covers are installed and the lower pan to collect coal fines is installed. Number 3, the upper most section, has all the towers installed and about 60% of the support cables and conveyor pan installed.

20. AIR QUALITY PERMIT

There were considerable coal fines on the streambanks below the warehouse pad area, below the three fuel storage tanks. Depending on how the area looks in the spring, this area may have to be vacuumed along with the substitute topsoil pile which is to be cleaned at that time.

21. BONDING AND INSURANCE

On December 31, 2001, the Division received a FAX copy of Certificate of Liability Insurance indicating the active policy period has been extended to January 8, 2002. Presumably, that will be sufficient time for the policy to be renewed.

Inspector's Signature: 
Michael J. Suflita #40

Date: January 2, 2002

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

cc: James Fulton, OSM
Wendell Owen, Co-Op Mining
Price Field office

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