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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*RIS*  
*John*

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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

## INSPECTION REPORT

INSPECTION DATE & TIME: April 19, 1989  
10:00 a.m. to 2:00 p.m.

Permittee and/or Operators Name: Co-Op Mining Company  
Business Address: P. O. Box 1245 Huntington, Utah 84528  
Mine Name: Bear Canyon Mine Permit Number: ACT/015/025  
Type of Mining Activity: Underground  Surface  Other   
County: Emery  
Company Official (s): Gerald Hansen  
State Official(s): Henry Sauer and Bill Warmack  
Partial:  Complete:  Date of Last Inspection: March 14, 1989  
Weather Conditions: Clear and warm with a slight breeze  
Acreage: Permitted 900 Disturbed 10 Regraded  Seeded  Bonded   
Enforcement Action: None

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	( X )	( )	( )	( X )
2. SIGNS AND MARKERS	( 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 )	( )	( )	( )
12. BACKFILLING AND GRADING	( )	( )	( X )	( )
13. REVEGETATION	( X )	( )	( )	( )
14. SUBSIDENCE CONTROL	( X )	( )	( )	( )
15. CESSATION OF OPERATIONS	( )	( )	( X )	( )
16. ROADS				
a. CONSTRUCTION	( )	( )	( X )	( )
b. DRAINAGE CONTROLS	( X )	( )	( )	( )
c. SURFACING	( )	( )	( X )	( )
d. MAINTENANCE	( X )	( )	( )	( X )
17. OTHER TRANSPORTATION FACILITIES	( )	( )	( X )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	( X )	( )	( )	( )

INSPECTION REPORT  
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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION April 19, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS
2. SIGNS AND MARKERS
3. TOPSOIL
4. HYDROLOGIC BALANCE
  - a. STREAM CHANNEL DIVERSIONS
  - b. DIVERSIONS
  - c. SEDIMENT PONDS AND IMPOUNDMENTS
  - d. OTHER SEDIMENT CONTROL MEASURES
  - e. SURFACE AND GROUNDWATER MONITORING
  - f. EFFLUENT LIMITATIONS
5. EXPLOSIVES
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL
- d. COAL PROCESSING WASTE
8. NONCOAL WASTE
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES
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15. CESSATION OF OPERATIONS
16. ROADS
  - a. CONSTRUCTION
  - b. DRAINAGE CONTROLS
  - c. SURFACING
  - d. MAINTENANCE
17. OTHER TRANSPORTATION FACILITIES
18. SUPPORT FACILITIES UTILITY INSTALLATIONS

*Bill Wainman  
will also  
review  
copy of  
this report*

: Copy of this Report:

Mailed to: John Kathman - OSM Gerald Hansen - Co-Op

Given to: Joe Helfrich - DOGM

Inspectors Signature and Number: Henry Sauer #32

Date: 5/2/89

*Henry Sauer #3*

*signed 5/3/89*

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION April 19, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

General Comments

Mr. Gerald Hansen (Co-Op) accompanied the undersigned inspectors on this complete inspection. Clear skies, warm temperature, and a slight breeze were encountered during the field portion of the inspection. Ground conditions were dry and no evidence of recent precipitation existed.

Federal NOV #89-02-107-2 was terminated by Rade Orell (OSM) on April 20, 1989 subsequent to this inspection.

Based on the completion of abatement requirements, the following NOV's were terminated by William A. Warmack on April 5, 1989.

1. NOV #88-30-6-1, 2, 3
2. NOV #89-30-1-1

1. Permits: The inspection commenced with a review of the pertinent mine records. The following are recent correspondences regarding permit amendments.

Co-Op received final approval from the Division on April 12, 1989 for the Amendment for Culinary Water Overflow Discharge to Bear Creek. The Division of Environmental Health has reviewed the issue and determined that as long as chemicals are not added to the overflow discharge, no permit is required. The PAP must be changed (page 7-59) to reflect the determination by the Division.

A field amendment was issued on April 5, 1989 by William A. Warmack for temporary sediment storage along the access road adjacent to the truck loadout. The sediments from Pond A will be permanently stored on the Coal Storage Pad. By May 5, 1989, Co-Op shall submit revised mine plan text and maps to reflect the permanent sediment pond waste storage.

3. Topsoil:

A protective berm must be constructed around the entire outslope of the Ball Park Topsoil Storage Area. This will provide erosion protection in addition to the straw bales presently in place. Additionally, the operator was informed that according to the PAP (page 8-15), a sprinkler system must be installed on the Ball Park Topsoil Storage Area by the Summer of 1989 (June 21, 1989).

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PERMIT NUMBER: ACT/015/025

DATE OF INSPECTION April 19, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

4. Hydrologic Balance:

- (b) Diversions The berm along the crest of the lamp house pad has been augmented and is functional.

The road drainage ditch adjacent to the Hiawatha Intake Portal needs to be cleaned out. Mr. Hansen informed me that a culvert would be installed as soon as possible at the mouth of the Hiawatha Intake Portal. This should prevent continued destruction of the pond drainage ditch by machinery traffic. By May 19, 1989, the operator must submit plans for culvert installation using standard engineering design. By June 9, 1989, the culvert must be properly installed and functional.

The culvert inlet north of the Hiawatha Intake Portal needs sediment cleaned from the debris grate.

The middle pad in the midst of the Hiawatha Seam Drainage (adjacent to the Coal Processor) has been upgraded to prevent area drainage from proceeding down the access road.

The culvert from the Coal Storage Pad (southeast side of the pad) needs sediment cleaned out from the outlet.

The culvert extension above the Hiawatha Belt Portal has been reinstalled and is functional.

The approved inlet to Culvert C-8U was inspected in the field, and later determined to be structurally ineffective by staff hydrologist Tom Munson. The PAP must be amended to functionally enhance the operational capabilities of the inlet (see attached field amendment).

- (c) Sediment Ponds and Impoundments The first quarter pond inspections were conducted on February 27, 1989. The reports were reviewed and found to be in good order.
- (d) Other Sediment Control Measures The silt fence above the middle pad junction road needs sediment removed from the structure.
- (e) Surface and Groundwater Monitoring The First Quarter UPDES reports were not found in the records. The operator was informed that the reports are due April 27, 1989.

The February water monitoring was conducted on February 27, 1989. Except stations SBC-7 and SBC-8, all monitoring stations were dry or frozen. Laboratory analyses were conducted on April 7, 1989 and found to be in good order.

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PERMIT NUMBER: INA/015/002

DATE OF INSPECTION January 4, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

16. Roads

- (d) Maintenance At the time of the inspection, conditions were very dry. Roadbed material was becoming airborne. The operator was reminded to water the roads on the mine site as often as possible to suppress the dust.

djh  
AT43/22-26

COAL MRP AMENDMENT/FIELD DECISION FORM

The Division of Oil, Gas, and Mining has issued approval for the below stated amendment while on location in the field.

Type of Proposal:

AMENDMENT X TDN#  
EXPLORATION N/A NOV #N N/A # OF  
CO #C N/A # OF

I. B. C. \_\_\_\_\_ (Incidental Boundary Change)

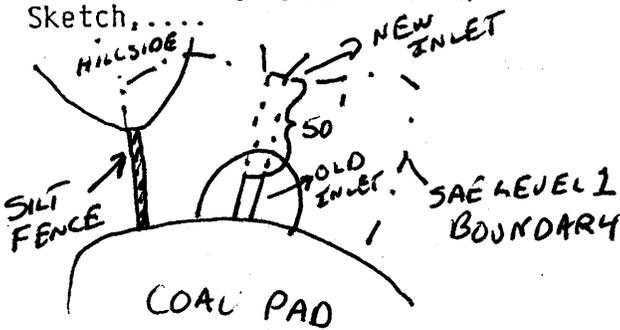
Title of Proposal: Culvert Extension

Company Name: Coop Mining Company

Project or Mine Name: Bear Langer Mine

File #: (INA / PRO / ACT / CEP) 015 1025 -88 B # New Acres: 1

Description of Permit Change: Modification of Culvert C-84 and installation of silt fence to prevent coal fine migration into an undisturbed drainage



- 1) SUBMIT REVISED CULVERT DESIGNS, INCLUDING INLET MODIFICATIONS.
- 2) REVISE PLATES 7-1 AND 2-4 TO SHOW NEW CULVERT ~~INLET~~ LOCATION AND SILT FENCE LOCATION
- 3) SHOW DESIGNATED S.A.E. AREA ON APPROPRIATE PLATE
- 4) COMMIT TO INSTALLATION 30 DAYS FOLLOWING DIVISION APPROVAL OF DESIGNS

Due date for submittal of revised application pages and maps: May 30, 1989  
Submittal should include ~~eight~~ eight copies of: designs and plates

Mailed from Division Office  
Authorized Representative for Permittee

5/3/89  
Date

Lead Reclamation Specialist T. Merson Specialist Approving \_\_\_\_\_