



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Norman H. Bangertter
Governor
Dee C. Hansen
Executive Director
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Division Director

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Partial: ___ Complete: X Exploration: ___
Inspection Date & Time: November 17, 1992/10:00 - 3:30 pm
Date of Last Inspection: October 22, 1992

Mine Name: Deer Creek County: Emery Permit Number: ACT/015/018
Permittee and/or Operator's Name: PacifiCorp
Business Address: P.O. Box 1005, Huntington, Utah 84528
Type of Mining Activity: Underground X Surface ___ Prep. Plant ___ Other ___
State Official(s): Ken Wyatt
Company Official(s): Karl Houskeeper, Mike Dennis
Federal Official(s): None
Weather Conditions: Partly cloudy, cool, 50's
Existing Acreage: Permitted-14,668 Disturbed-56 Regraded-___ Seeded-___ Bonded-56
Increased/Decreased: Permitted-___ Disturbed-___ Regraded-___ Seeded-___ Bonded-___
Status: ___ Exploration/___ 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

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. 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.
 - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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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(Comments are Numbered to Correspond with Topics Listed Above)

1. **PERMITS, CHANGE, TRANSFER, RENEWAL, SALE**

The following permits, approvals, Special Use Permits (SUP) and Right of Ways (ROW) were examined at Pacificorp's Huntington Field Office. They include:

The mine permit issued to Pacificorp on February 15, 1991.

The incidental boundary change for leases U-47977 and SL-050862 was approved on November 11, 1992.

The Spill Prevention and Countermeasure Plan was examined. Cleanup of spills consists of removing spilt oil from the concrete containment structures and then wiping the concrete with rags. Disposal of cleanup material is to an approved landfill.

BLM ROW #52401 dated July 3, 1986 for the water line from the mine to the power plant.

Utah Division of State Lands Special Use Lease Agreement #284 for the leachfield system and amended to include the 8 inch water line to the power plant.

BLM ROW #18934 for the construction of the 12.5 KV power transmission line.

USFS SUP for the installation of the weather station on East Mountain. This was dated October 14, 1980.

USFS SUP for 5.85 acres included in the main mine yard. This permit was dated March 7, 1979

2. **SIGNS AND MARKERS**

The permit identification sign was observed at the mine entrance and the entrance to the waste rock disposal facility. Perimeter markers, stream buffer zone and topsoil signs were posted as required.

3. **TOPSOIL**

Topsoil salvaged during construction of the waste rock disposal site is placed on the shoulder of the access road. A silt fence is used to retain this material from overland flow.

4a. **HYDROLOGIC BALANCE: DIVERSIONS**

All undisturbed diversions culvert inlets were examined. All were clear of debris and no flow was observed in these drainages.

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4b. **HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

The third quarter sediment pond inspections were conducted on September 28, 1992. The water level in the mine's sediment pond was at 7220.96. The sediment level was at .56 acre feet with 1.31 acre feet remaining. The waste rock sediment pond was reported dry.

4c. **HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

Silt fences around the waste rock disposal facility were functional. The silt fence/catch basins associated with the ASCAs were functional.

4d. **HYDROLOGIC BALANCE: WATER MONITORING**

Water monitoring results were available through October 1992.

4e. **HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS**

The Deer Creek Mine continues to discharge excess mine water into Deer Creek. Flows for the third quarter 1992 are listed below by month.

July: 3,036,217 gallons per day
August: 3,507,595 gallons per day
September: 2,407,920 gallons per day

6. **DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES**

The main material storage pad still has a low depression on the northeast section adjacent to the gravel storage area. According to the operator this area was going to be regraded the weekend of the November 21.

8. **NONCOAL WASTE**

Non coal waste was being stored in a controlled manner in the concrete bin north of the main shop facilities.

20. **AIR QUALITY PERMIT**

An air quality permit for the tippie area was received by Pacificorp on November 9, 1992. The mine area and the waste rock site are covered under these permits. During the inspection trucks were observed delivering waste rock material to the disposal site. Significant dust was being kicked up from this activity. The operator was informed to examine the air quality permit relative to dust suppression. He indicated that Pacificorp was approved to use chemical treatment annually for dust suppression. Future inspections will examine the adequacy of these treatments for controlling dust versus the use of water for dust control.

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21. **BONDING & INSURANCE**

Insurance policy # X0296A1A92, for 35 million dollars general aggregate and each occurrence was issued by AEGIS Insurance Services Ltd. effective February 24, 1992 through February 24, 1993.

The reclamation bond was recently recalculated and resubmitted. The new bond amount is \$2,000,000 from American Casualty Company of Reading, PA. This bond was effective as of September 17, 1992.

Copy of this Report:

Mailed to: Bernie Freeman (OSM), Guy Davis (PacifiCorp)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: _____

Ken Wyatt

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Date: December 8, 1992