



# State of Utah

## INSPECTION REPORT

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DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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801-538-5340

Partial: X Complete:      Exploration:       
Inspection Date & Time: October 22, 1992/12:45 - 2:45 pm  
Date of Last Inspection: October 1, 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 Officials(s): Ken Wyatt  
Company Official(s): Debra Warrington  
Federal Official(s): None  
Weather Conditions: Partly cloudy, cool, 60'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

- 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<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 type="checkbox"/>	<input type="checkbox"/>	<input 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 (4th Quarter-April, May, June) _____ (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/015/018

DATE OF INSPECTION: October 22, 1992

(Comments are Numbered to Correspond with Topics Listed Above)

This inspection was conducted to check abatement work required by Notice of Violation N92-7-3-1 which was issued on September 24, 1992 for erosion of the sediment pond inlet channel. The NOV was terminated following this inspection.

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

During the previous inspection on September 16 - 17, 1992, the sediment pond inlet channel was an eroded gully about 3 - 4 feet deep and was several small channels. The sediment pond inlet as described in the mine plan consisted of two sections, a 10 percent section and a 30 percent section. A grouted riprap channel was designed to convey water over the upper 10 percent section from the area near the weigh bin/tipple down to the 30 percent section. The 30 percent section was approved as a bedrock channel. Notice of Violation N92-7-3-1 was issued for this excessive erosion of the upper section of the sediment pond inlet.

The abatement required that the operator repair this channel as described in the MRP or submit plans for an alternative design. On October 19, 1992, PacifiCorp informed the Division that the abatement work was complete.

This inspection examined the repaired grouted riprap channel. Brattice cloth was placed over the new channel until the cement was fully cured because water was flowing over it from the tipple area which was washed just prior to this inspection. The gullies had been filled and the channel was grouted as described in the MRP. The steep lower section of the inlet channel is on local rock. The transition from the 10 percent section to the 30 percent section consists of about a four foot drop. I informed PacifiCorp that if water continues to pour off of the grouted section and causes additional erosion that the stability of the grouted section could be jeopardized. Future inspections should examine this area. The Notice of Violation was terminated following this inspection.

Additionally, I requested that PacifiCorp survey the sediment pond inlet to produce a cross section and a channel profile. These drawings, once certified, could be placed on drawing 3-15 in the MRP. This information should be forthcoming.

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

The sediment pond was receiving water from the tipple area which had just been washed. Flow from the sediment pond was .15 feet on a 90 degree V notch weir. This equates to 10.1 gallons per minute. The quality appeared about the same as during the previous inspection which was 13 mg/l Total Suspended Solids. No sample was collected.

## INSPECTION REPORT

(Continuation sheet)

Page 3 of 3

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Deer Creek was flowing .24 on a three foot flume. This amounts to 515 gallons per minute based on the conversion table adjacent to the flume. No samples of either discharge was collected.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: \_\_\_\_\_

*Ken Wyatt*

# 7 Date: October 23, 1992