

0022



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Governor
Dee C. Hansen
Executive Director
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Salt Lake City, Utah 84180-1203
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Partial: ___ Complete: X Exploration: ___
Inspection Date & Time: February 25, 1993/10:00 - 3:30 pm
Date of Last Inspection: January 15, 1993

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): Guy Davis (field), Karl Houskeeper (office)
Federal Official(s): None
Weather Conditions: Partly cloudy, cold, 30'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 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 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 type="checkbox"/>	<input checked="" 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 checked="" 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"/>

INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/015/018

DATE OF INSPECTION: February 25, 1993

(Comments are Numbered to Correspond with Topics Listed Above)

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

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

2. **SIGNS AND MARKERS**

The permit identification sign was observed at the mine entrance and the entrance to the waste rock disposal facility. Snow depths covered most of the perimeter markers, and stream buffer zone signs.

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. This area was covered by snow during the inspection. The operator was advised to continue monitoring the condition of the silt fence during the up-coming spring thaw.

4a. **HYDROLOGIC BALANCE: DIVERSIONS**

Snow continues to cover the mine area with depths over 4 feet in places depending on the aspect. The undisturbed diversion culvert inlets were filled with snow.

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

The fourth quarter sediment pond inspections were conducted on December 16, 1992. The ice level in the mine sediment pond was at 7220. The sediment level was at .56 acre feet with 1.31 acre feet remaining. The waste rock sediment pond had an ice level of 6311.1 feet.

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

Water monitoring results were available through December 1992.

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

The new UPDES permit number UT-0023604 was issued December 1, 1992 effective through November 30, 1997.

The Deer Creek Mine continues to discharge excess mine water into Deer Creek. Flow at the flume was 921 gallons per minute.

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

The main material storage pad had been regraded to eliminate a low depression on the northeast section adjacent to the gravel storage area. This area is dynamic due to the continual placement, storage and removal of these road base materials.

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7. **COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS**

The fourth quarter engineering report for the waste rock areas was performed on December 15, 1992. This was certified by Blake Webster. Pacificorp was given approval to haul excess snow from the mine site to the waste rock disposal area. Snow was observed at the waste rock site.

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 tipple area was received by Pacificorp on November 9, 1992. The mine area and the waste rock site are covered under these permits.

21. **BONDING & INSURANCE**

Insurance policy certificate # 27804 for 35 million dollars general aggregate and each occurrence was issued by Associated Electric and Gas Insurance Services Ltd. effective February 24, 1993 through February 24, 1994.

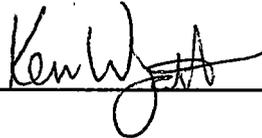
The reclamation bond was recently recalculated and resubmitted. The new bond amount is \$2,000,000 from American Casualty Company of Reading, PA. This bond was effective as of September 17, 1992.

Copy of this Report:

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

Given to: Joe Helfrich (DOGM)

Inspector's Signature: _____



7 Date: March 8, 1993