



**State of Utah**  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS AND MINING

**INSPECTION REPORT**

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Michael O. Leavitt  
 Governor  
 Lowell P. Braxton  
 Division Director

Partial:\_\_\_ Complete: XXX Exploration:\_\_\_  
 Inspection Date & Time: 2/12, 25/99 / 8:30a.m.-3:00p.m.  
 Date of Last Inspection: 1/12/99

Mine Name: Trail Mountain Mine County: Emery Permit Number: ACT/015/009  
 Permittee and/or Operator's Name: PacifiCorp  
 Business Address: P.O. Box 310, Huntington, Utah 84528  
 Type of Mining Activity: Underground XXX Surface\_\_\_ Prep. Plant\_\_\_ Other\_\_\_  
 Company Official(s): Dennis Oakley, Rick Boyle  
 State Officials(s): Bill Malencik Federal Official(s): None  
 Weather Conditions: Cloudy, Cold, Wind Blowing  
 Existing Acreage: Permitted- 4178 Disturbed- 107 Regraded-\_\_\_ Seeded-\_\_\_ Bonded- 107  
 Increased/Decreased: Permitted-\_\_\_ Disturbed-\_\_\_ Regraded-\_\_\_ Seeded-\_\_\_ Bonded-\_\_\_  
 Status: Exploration/ XXX 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.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
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 checked="" type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>
22. OTHER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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(Continuation sheet)

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PERMIT NUMBER: ACT/015/009

DATE OF INSPECTION: 2/12,25/99

(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS

A complete inspection was conducted on February 12 & 25, 1999, of the Trail Mountain Mine. The permittee was represented by Dennis Oakley, Environmental Coordinator, and Rick Boyle, Surface Foreman. The records review was conducted at the mine on 2/25/99, and at the PFO with respect to the MRP on 2/25/99. The field inspection was performed on 2/12/99.

SUMMARY

The required records were reviewed as highlighted herein and meets the requirements of the Utah Coal Rules. As related to the field inspection, the environmental control measures were observed and were found to be functional. No citations were issued as a result of this inspection.

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Permit and other authorizations held by the Trail Mountain mine include the following:

- DOGMA permit issued 1/13/97, expires 2/21/2000, embracing a gross area of 4,178 acres of which 10 acres are included in the surface disturbed area. The permit contains four special conditions. The disturbed surface is on patented land controlled by the permittee.
- Emery County has issued the mine an encroachment permit. The mine site lies adjacent to the Emery County Road.
- State Engineer has, heretofore, approved the stream channel alteration to the current permittee's predecessor. The state engineer also approved installation of a bypass culvert on Cottonwood Creek.
- Department of Water Quality issued permit #UT0023728 to the permittee to discharge disturbed runoff from the sediment pond and mine water into Cottonwood Creek.
- BLM has issued the permittee a federal coal lease which includes coal extraction by longwall mining.

2. SIGNS AND MARKERS

Identification signs are in place below and above the mine site. In addition, ID signs have been installed on the controlled vehicle access points to the mine. Other signs include a topsoil sign and stream buffer zone signs on the upper and lower Cottonwood Creek. The disturbed exterior boundaries are marked with roof bolts.

3. TOPSOIL

The topsoil storage is shown on the surface facilities map. This soil was harvested from post-SMCRA disturbed areas. The majority of the disturbed area took place prior to the passage of SMCRA and no topsoil was removed.

4A. HYDROLOGIC BALANCE: DIVERSIONS

Two undisturbed culverted diversions are in place. Cottonwood Creek is the only perennial diversion. There is one primary undisturbed concrete lined diversion that collects and discharge runoff into the sediment pond.

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(Continuation sheet)

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4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The designed sediment pond lies immediately below the mine site. This provides the sediment control for the majority of the disturbed area.

The fourth quarter pond inspection was performed by the permittee on 12/14/98 and reported on 12/28/98.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

There are two approved BTCA disturbed areas that the runoff does not report to the sediment pond. One area above the parking lot is treated by rocks and silt fence. The other area below the sediment pond is treated by vegetation.

4D. HYDROLOGIC BALANCE: WATER MONITORING

The permittee and its predecessor drilled four wells. Two have been abandoned with the Division's approval (one in-mine and one outside). Two surface wells are monitored, per the approved plan, monthly.

Plate 7-2, map shows the surface water monitoring locations. Plate 7-3 shows the underground water monitoring locations.

Third quarter monitoring reports were submitted to the Division on 12/29/98.

4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS

The UPDES discharge reports for the month on December were submitted to responsible agencies on 1/28/99.

5. EXPLOSIVES

Explosives are stored within the disturbed area and shown on the certified surface facilities map. During the last reporting, no explosives have been used on the surface.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

Coal mine waste from the Trail Mountain Mine is authorized to be permanently stored on the Cottonwood Waste Rock Site.

8. NONCOAL WASTE

Noncoal waste is temporarily store on the surface in a designated design facility. Fifty gallon barrels and small trash bins are located on the surface to aide in controlling noncoal waste. All noncoal waste in the operational stage temporarily stored on the surface and is permanently stored at a land fill.

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14. SUBSIDENCE CONTROL

The permittee's annual report contains required subsidence information.

16A. ROADS: CONSTRUCTION/MAINTENANCE/SURFACING

The mine has both primary and ancillary roads. All roads are designed and shown on the map. The primary roads and some ancillary roads are surfaced with gravel or similar road material.

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

Support Facilities are shown on the surface facilities map. During the inspection, the salt storage facility was in the final construction stage.

20. AIR QUALITY PERMIT

The Air Quality order was issued by DEQ and is on file at the mine office.

21. BONDING AND INSURANCE

The insurance expires 2/24/99 and the permittee has requested it to be re-issued. A reclamation agreement and a surety bond was on file at the mine office.

22. OTHER

The whistle blowing provision of the Utah Coal Rules have been addressed by the permittee as required under R645-104.

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

Copy of this Report:

Mailed to: Chuck Semborski (PacifiCorp)                      Henry Austin (OSM)  
Given to: Joe Helfrich (DOGM)                                      Filed to: Price Field Office  
Date: February 26, 1999

Inspector's Signature:  #26  
Wm J. Malencik