



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

INSPECTION REPORT

gpd

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Partial: Complete: XXX Exploration:
Inspection Date & Time: 3/30/99 / 8:30a.m.-2:00p.m.
Date of Last Inspection: 2/9/99

Mine Name: Cottonwood/Wilberg Mine County: Emery Permit Number: ACT/015/019
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): Bob Willey
State Officials(s): Bill Malencik Federal Official(s): None
Weather Conditions: Clear, Cold
Existing Acreage: Permitted- 10508 Disturbed- 102 Regraded- Seeded- Bonded- 102
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.

Table with 5 columns: Item, EVALUATED, N/A, COMMENTS, NOV/ENF. Rows include categories like PERMITS, SIGNS AND MARKERS, TOPSOIL, HYDROLOGIC BALANCE, EXPLOSIVES, DISPOSAL OF EXCESS SPOIL, etc.

**INSPECTION REPORT**  
(Continuation sheet)

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(Comments are Numbered to Correspond with Topics Listed Above)

SUMMARY

-No violations were issued as a result of the instant inspection.

-The amendment on the 4,000 acres permit relinquishment is still pending. Two unfinished items include water issues on and adjoining Cottonwood Springs; non-coal waste certification.

-An amendment on subsidence favorably concurred with by USFS was approved by the Division. The field work was performed by USFS. Chuck Semborski accompanied the USFS official on the site visit. The required work was completed to the satisfaction of USFS. Carter Reed suggested three minor language changes on 3/3/99.

-Phase I Bond Release application is in the process of final review for a portion of the reclaimed Cottonwood waste rock site.

-Reclamation completed of the Cottonwood Fan Portal in November 1998.

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

Permits and other authorizations are documented in the MRP. Highlights are as follows:

- DOGM permit expires July 6, 1999.
- Federal Coal Leases from BLM.
- UPDES permit from DEQ.
- Air Quality approval order from DEQ.
- USFS special use permit.
- BLM ROW.

Permit condition concerning the Preparation Plant has been met by the permittee and is no longer a pending matter. OSM Cessation Order 94-020-370-002 has been vacated by the USDI Hearings Examiner. The permittee notified the Division as required by special condition "A".

2. SIGNS AND MARKERS

The mine has ID signs and markers posted as shown on the following tabulation.

SITE	ID SIGN	MSHA REFUSE SIGN	MARKERS		
			DISTURBED	TOPSOIL	STREAM BUFFER ZONE
Cottonwood/Wilberg Mine	✓		✓	✓	✓
Cottonwood Waste Rock Site	✓	✓	✓	✓	
Cottonwood Fan Portal	✓		✓	✓	

**INSPECTION REPORT**  
(Continuation sheet)

Page 3 of 5

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3. TOPSOIL

Topsoil is currently stored at the mine, waste rock sites, and Cottonwood Fan Portal.

4A. HYDROLOGIC BALANCE: DIVERSIONS

The Cottonwood/Wilberg Mine complex has two undisturbed diversions and numerous disturbed diversions. The diversions are designed and details are included in the MRP.

A culvert in the east and west fork of Grimes Wash convey undisturbed runoff beyond the mine disturbed area.

The majority of the disturbed diversions convey runoff, ultimately, to five sediment ponds.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

There are five sediment ponds. Two at the Cottonwood/Wilberg mine are MSHA ponds, and commonly referred to as the north and south impoundments.

There are two small sediment ponds at the Cottonwood Fan Portal. These are incised sediment ponds.

One sediment pond collects runoff from the active waste rock site.

All impoundments are designed and details included in the MRP on the north and south impoundments. MSHA made a determination as follows:

- (1) The capacity of both ponds are such that MSHA approval was granted.
- (2) Both ponds would be inspected monthly and a variance was granted.
- (3) Both ponds would not require an open channel spillway per OSM granted variance.

The annual 1998 inspection report was completed on all ponds. The impoundment quarterly inspections were completed for the first quarter. The monthly MSHA inspection was completed for the month of March.

All sediment ponds at the mine and waste rock site contained runoff. The other ponds were dry.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The mine utilizes sumps, silt fences, and straw bales to treat disturbed runoff. Most of the aforementioned devices are redundant control measures.

**INSPECTION REPORT**  
(Continuation sheet)

Page 4 of 5

PERMIT NUMBER: ACT/015/019

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4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES -continued-

The mine has nine approved alternative sediment control sites where the runoff is controlled by alternative sediment control measures. These areas include Miller Canyon, sewer absorption field, Cottonwood Fan Portal, waste rock site outslope, guard station, conveyor pad, tube conveyor access road, Wilberg fan, and 9th east breakout.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Water monitoring for the fourth quarter 1998 was complete and the data submitted to Pam Grubaugh-Littig on March 3, 1998.

The permittee conducted gain/loss measurements above and below Cottonwood Springs above the Trail Mountain Mine. The permittee's graphic covers flows each year from 1978 to 1998 for the same date. The 10 year variation goes from 0 flow to a high of 110 G.P.M. The flow as of March 26, 1999 was nearly 100 G.P.M..

4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS

The mine has a UPDES permit from DEQ. The permit includes mine discharges and the balance are sediment pond discharges. One of the outfalls for mine water is Miller Canyon.

Reports for the February monthly period were submitted to responsible agencies.

5. EXPLOSIVES

Explosives are stored in a disturbed area near the Wilberg Fan. No surface blasting has taken place this calendar year.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

Coal mine waste is stored west of State Highway 57 on federal land. The permittee has a ROW grant from BLM. Waste rock site services the Cottonwood/Wilberg, Trail Mountain, and Des Bee Dove mines.

The site east of the road has been reclaimed; west of the road is the active site.

The quarterly field report for the first quarter was completed.

8. NONCOAL WASTE

Noncoal waste is stored on the surface of the mine site in a designated area. Thereafter, the waste is transported to and stored at an approved landfill.

**INSPECTION REPORT**  
(Continuation sheet)

Page 5 of 5

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13. REVEGETATION

Page 4-14 outlines the vegetation monitoring schedule including test plots. A secondary table shows final reclamation monitoring schedules.

14. SUBSIDENCE CONTROL

Subsidence for CY 1997 was included in an annual report. The field work for CY 1998 was completed in the fall of 1998.

16A. ROADS: CONSTRUCTION/MAINTENANCE/SURFACING

The mine has both primary and ancillary roads. All roads are designed and details are contained in the MRP. Roads were in a proper state of repair, including the drainage ditches.

19. AVS CHECK

The AVS check was completed.

20. AIR QUALITY PERMIT

Air Quality Order is on file as approved by DEQ.

21. BONDING AND INSURANCE

The insurance has recently been renewed for another year. The current surety bond payable to the Division of Oil, Gas, and Mining totals \$2,071,098.00.

22. OTHER

The permittee advised that he had requested and the Division had approved his extension request to submit a late annual report.

**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: April 6, 1999

Inspector's Signature:  #26  
Wm. J. Malencik