



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

INSPECTION REPORT

gh

1594 West North Temple, Suite 1210
 PO Box 145801
 Salt Lake City, Utah 84114-5801
 801-538-5340
 801-359-3940 (Fax)
 801-538-7223 (TDD)

Michael O. Leavitt
 Governor
 Lowell P. Braxton
 Division Director

Partial:___ Complete: XXX Exploration:___
 Inspection Date & Time: 5/6/99 / 8:15a.m.-4:15p.m.
 Date of Last Inspection: 4/22/99

Mine Name: Deer Creek Mine County: Emery Permit Number: ACT/015/018
 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
 State Officials(s): Pete Hess Federal Official(s): None
 Weather Conditions: Sunny, Breezy, 50's
 Existing Acreage: Permitted-17,826.85 Disturbed-95.79 Regraded-___ Seeded-___ Bonded-95.79
 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 type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" 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 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 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 type="checkbox"/>	<input checked="" 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 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 checked="" 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 type="checkbox"/>	<input checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation sheet)

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PERMIT NUMBER: ACT/015/018

DATE OF INSPECTION: 5/6/99

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee submitted a permit amendment this day relative to revision of allowable access to the Rilda Canyon surface facilities, as was mentioned in the April inspection report. The assigned SLO tracking number for this revision is ACT/015/018-99B. The permittee is proposing the access revision to allow delivery of approximately six tractor/trailer loads per day of ventilation and roof support materials, for use in the North Rilda area of the Mine. Interagency review and consensus by the USFS and UDWR will be required prior to UDOGM approval. PFO review is pending.

The permittee is working on a reclamation plan for the Ninth East portals area of the Deer Creek Mine. Same is a part of the Cottonwood Mine surface facilities area. Mr. Oakley anticipates submittal of this document 6/1/99.

4a. HYDROLOGIC BALANCE: DIVERSIONS

The diversion which collects undisturbed runoff and routes it to the drop drain adjacent to the out-of-service mine fan in the main facilities area needs to have rocks removed from it. The freeze/thaw cycle has contributed to the partial obstruction of this diversion. This ditch is on the east side of the area and parallels the run-of-mine belt.

4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

First quarter '99 impoundment inspections were conducted 3/16/99 by John Christensen and Rick Cullum for the mine site and active waste rock site ponds. No hazards or signs of instability were reported.

4c. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

Several sediment catch basins along the C1/C2 conveyor corridor are still in need of cleaning. The basins are capable of functioning.

4d. HYDROLOGIC BALANCE: WATER MONITORING

Discharge monitoring reports for January, February and March were reviewed; an exceedance in total iron of .1 mg/l was observed with the 1/6/99, 002A sample. The UDWQ was notified of the exceedance on 2/5/99, the day following receipt of the laboratory analyses. All reports were submitted in a timely fashion.

The first quarter '99 water monitoring report for the Energy West Mines was submitted to Mr. Ken Wyatt of the DOGM SLO on 4/29/99. A random review of the submitted water data did not reveal any abnormalities; cation/anion balances are within acceptable percentiles.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The first quarter waste rock site inspections for the active disposal area and the Elk Canyon/Original site were conducted by Mr. John Christensen, P.E., and Rick Cullum on 3/25/99.

No hazards or signs of instability were reported. Mr. Christensen certified the inspection reports on 4/15/99.

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PERMIT NUMBER: ACT/015/018

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As noted during today's inspection, two items need addressing:

- 1) the safety/diversion berm on the upper curve of the access road going to the current lift needs to be enhanced to meet MSHA safety berm requirements.
- 2) several piles of fresh coal processing waste needs to be gone through to have the non-coal waste removed. The real issue lies in piles farther back in the current lift, with several piles having observable trash, and several items which were previously reported in the extreme NE corner of this active lift (see 2/99 inspection report). It was recommended that the items be removed prior to the next inspection. Not only must combustible items be removed to meet the requirements of 30 CFR 77.215, (g), but any and all non-coal waste items must be removed to meet the requirements of R645-301-528.333.

10. SLIDES AND OTHER DAMAGE

Unusually high amounts of precipitation this Spring in Emery County has caused two incidents to occur within the Mine's disturbed area which require noting in this inspection report.

- 1) a small slide of coked overburden material has slumped onto the safety berm above the Deer Creek Mine surface facilities bathhouse. A smaller slide of topsoil material has also slumped to this berm about twenty-five feet south of the first.
- 2) surface runoff flowing onto and down the Rilda Canyon surface facilities pad has caused new surface cracking to form; the flows in turn appear to be washing fill material on through which has caused a deflection in at least one section of the lower portion of the Hilfiker wall. Mr. John Christensen is monitoring the area using engineering survey methods. Also, the permittee has had a representative from Hilfiker look at the deflection; same feels that the deflection is minor and should not be considered an issue at this time.

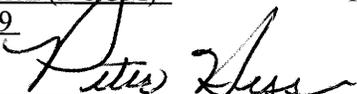
14. SUBSIDENCE CONTROL

The 1998 annual subsidence report for the Energy West Mines was submitted with the annual report and received in the DOGM SLO on 4/30/99; PFO receipt occurred on 5/5/99. Energy West utilizes photo-grammetric survey methods to monitor the 17,277 survey points relative to the three mines. These points provide deflection information relative to twenty-four monitoring areas, of which eleven are relative to the Deer Creek Mine. Due to the extent of this submittal, and the time necessary for an adequate review of same, further interpretation of this report will not be made here.

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: May 12, 1999

Inspector's Signature:  #46
Peter Hess