



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

INSPECTION REPORT

Partial: X Complete: Exploration:
Inspection Date & Time: 3/1/95 9:30 am to 1:00pm
Date of Last Inspection: 1/12/95

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 Official(s): Susan White
Company Official(s): Guy Davis
Federal Official(s): None
Weather Conditions: Cloudy and cold
Existing Acreage: Permitted-14,740 Disturbed-56 Regraded- Seeded- Bonded-56
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/ X Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

	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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 checked="" 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: 3/1/95

(Comments are Numbered to Correspond with Topics Listed Above)

The focus of this inspection was the Waste Rock Site. A quick drive-by of the mine site was made.

3. TOPSOIL

The topsoil and subsoil piles are in berms surrounding the waste rock pile and on the outcrops of the road. Silt fences prevent the soil from leaving the pile. The silt fences required repair in two spots on the last inspection, these areas had been repaired. Sparse perennial vegetation had established on the topsoil and subsoil piles. The permittee should consider reseeding the piles in order to maintain and improve the quality of the soil and reduce weed seed contamination. The approved practice of piling the waste rock against the subsoil berm was questioned. The operator states that sufficient soil remains to cover the refuse with the required 9 inches of soil. The operator also speculates that the refuse material that will be placed on the top four feet will be of equal or better quality than the mancos shale topsoil. This issue should be investigated as part of a mid-term review or five year renewal.

4. HYDROLOGIC BALANCE:

a. Diversions - The permit was unclear as to the requirements for a diversion on the east side of the waste rock pile. Water had been running along the ditch of a road and then into the undesigned ditch along the south side of the pile and into the sediment pond. Mr. Guy stated that an amendment will be made to the plan to route the east side runoff through an alternative treatment and into the undisturbed ditch on the east side of the site. The current route for dumping refuse was also to be revised which would provide for much less runoff off the east side of the pile.

c. Other Sediment Control Measures - The sediment containment box was functioning at the Deer Creek Mine site. The box is to prefilter runoff prior to entering the sediment pond in order to reduce the frequency of cleaning of the sediment pond. There was a noticeable difference in the color of the water entering the box versus coming out of the box.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The operator was in the process of removing noncoal waste, grading and compacting the current lift of the refuse pile. Several modifications were to be made in the process. The berms along the west side of the pile were to be removed to allow for sheet flow to enter the sediment pond, no concentration of water is to occur as shown in the permit drainage design. The v-notch

INSPECTION REPORT

(Continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/015/018

DATE OF INSPECTION: 3/1/95

on the lower refuse pad was to be removed. The road on to the refuse pile is to be relocated to allow for dumping of the refuse in a east to west fashion. This method will allow for the required sheet flow of water from the surface of the pile into the pond.

Since the lower outcrops of the west side of the refuse pile were at final grade this area could be dressed (2h:1v) for final reclamation (although reclamation will not occur for several more years). This inspector suggested to the operator that samples be taken of the outslope for demonstration that the top four feet were nonacid or toxic forming. This will allow modification if needed prior to another 20 feet of material being added.

8. NONCOAL WASTE

The mine site required cleaning of noncoal waste.

Copy of this Report:

Mailed to: Tom Ehmett (OSM), Guy Davis (PacifiCorp)

Given to: Joe Helfrich (DOGM)

Inspector's Signature: *Susan M. White* #35 Date: 3/10/95