

## INSPECTION REPORT

Partial XXX Complete \_\_\_ Exploration \_\_\_  
 Inspection Date: 02/21/2003 / Time: 10 AM-12 Noon  
 Date of Last Inspection: 01/17,29/2003

Mine Name: Des Bee Dove Mine County: Emery Permit Number: C/015/017  
 Permittee and/or Operator's Name: PacifiCorp  
 Business Address: P.O. Box 310, Huntington, Utah 84528  
 Company Official(s): Mr. Dennis Oakley, Environmental Engineer  
 State Official(s): Ms. Jerriann Ernstsens, Peter Hess Federal Official(s): None  
 Weather Conditions: Clear, cold/ Temperature in teens Fahrenheit/ Windy  
 Type of Mining Activity: Underground XXX Surface \_\_\_ Prep Plant \_\_\_ Other \_\_\_  
 Existing Acreage: Permitted 2760 Disturbed 24 Regraded \_\_\_ Seeded \_\_\_  
 Status: Active XXX

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

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.

	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 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 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 ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" 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 (4 <sup>th</sup> Quarter- April, May, June)	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**INSPECTION REPORT**  
(Continuation Sheet)

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(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

Note: Phase 2 of the reclamation of the Des-Bee-Dove Mines is proceeding in an expedient fashion.

**4A. HYDROLOGIC BALANCE: DIVERSIONS**

The backfilling of the Deseret portals area has been completed, as has the riprap field utilizing six-foot diameter D-50 riprap. This area is approximately 100 feet wide at the coal outcrop of the Deseret area. The riprap field will intercept flows from above the escarpment and concentrate them into one channel reporting through the remainder of the disturbed area. As observed this day, a trackhoe was initiating that channel construction immediately down grade of the earth dam installed to hold the Deseret portal area riprap field in place.

**4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

The permittee is implementing pocking in areas that have a sufficient amount of backfill/topsoil to make the practice beneficial. The rocky nature of the Des-Bee-Dove disturbance makes the use of this sediment control practice difficult.

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

As observed this day, the permittee's contractor was utilizing two tractor/scrapers to load and haul coal mine waste from the area where the main channel will be constructed down gradient of the Deseret portal area rip-rap field. The waste is being hauled to the former bathhouse pad area, where it will be shaped and covered for final disposal.

**8. NONCOAL WASTE**

The permittee's contractor was loading some of the metal debris that has been either uncovered or removed during the course of the reclamation activities. The metal items include large diameter galvanized culverts, guardrail constructed from pipe, mine cars, and other assorted metal items. A track hoe with a claw was separating the items such that more efficient loading of the trucks could be achieved. The items will be disposed of in the Nielsen Construction landfill.

**9. PROTECTION OF FISH, WILDLIFE, AND RELATED ENVIRONMENTAL VALUES**

As discussed during another inspection with the permittee, barricades to route cattle up the cattle trail will be installed to hopefully prevent them from encroaching upon reclaimed areas of the site. No fences had been installed as of today's inspection; this activity will probably occur toward the close of the project. Also, only the upper reaches of the trail have been completed at this time.

**12. BACKFILLING AND GRADING**

As noted elsewhere, coal waste was being placed in the former bathhouse pad area for re-shaping prior to final disposal.

**INSPECTION REPORT**  
(Continuation Sheet)

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**13. REVEGETATION**

As observed this day, the permittee had seeded and hydro mulched the reclaimed area from the switchback on the upper mine's access road to the area formerly occupied by the portals associated with the Deseret Mine portals. This included the slope downhill from the road which had previously been occupied by a mine car dump point associated with a tippel which operated prior to the one which was in operation when the mines were shut down.

The mine operator stated that the hydro mulch was applied at one ton per acre. The amount of cover seems to visually agree with the application rate mentioned. The cover was greater on one side of the gouges than the other. The mine operator described this uneven application as "shadowing". Because of the location of where the hydro mulch truck could operate, there most likely was no way to avoid shadowing for this northeastern site. The degree of shadowing may be seen on the Division's image database (02212003).

Seed application method used is unknown at this time. The mine operator was contacted on March 4, 2003 to explain the seeding method used. Most of the seed seemed to be under the mulch, although there were areas where the seed floated on top of the mulch. The seed on top was primarily lighter weight seed with seed tufts.

In the first area gouged and mulched (looking uphill on right side, far-right of upper section) the noxious weed-free hay was not well incorporated into the topsoil. The mine operator showed the Division that this problem had been addressed for subsequent areas gouged and mulched.

**20. AIR QUALITY PERMIT**

As noted above, the ambient air temperature was well below the freeze point for water applications. Roadway dust was observed due to the windy conditions. This was discussed with Mr. Oakley who agreed that water applications would be made when freezing conditions were not prevalent.

Inspector's Signature: \_\_\_\_\_ Date: March 4, 2003  
Peter Hess #46

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

cc: James Fulton, OSM  
Chuck Semborski, PacifiCorp  
Price Field office  
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