

INSPECTION REPORT

Partial Complete Exploration
 Inspection Date: 06/10/2003 / Time: 8:30-11 AM
 Date of Last Inspection: 03/07/2003

Mine Name: Trail Mountain Mine County: Emery Permit Number: C/015/009
 Permittee and/or Operator's Name: PacifiCorp
 Business Address: P.O. Box 310, Huntington, Utah 84528
 Company Official(s): Mr. Dennis Oakley, Senior Environmental Engineer
 State Official(s): Peter Hess Federal Official(s): None
 Weather Conditions: Sunny, clear/ warm; 60's to 70's Fahrenheit
 Type of Mining Activity: Underground Surface Prep Plant Other
 Existing Acreage: Permitted 3538.98 Disturbed 10.69 Regraded Seeded
 Status: Temporary Cessation

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 checked="" 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 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 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 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 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 (4 th Quarter- April, May, June)	<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 checked="" type="checkbox"/>	<input type="checkbox"/>

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(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The permittee performed the first quarter 2003 impoundment inspection for the Trail Mountain Mine site sediment pond on March 24. Messrs. John Christensen, P.E., and Rick Cullum performed the inspection; there were no unstable conditions or signs of structural weakness noted by the permittee's inspection report. The pond has 0.19 acre-feet of sediment storage capacity remaining prior to reaching the sixty percent cleanout elevation. The report received a P.E. certification and a qualified individual certification from Mr. Christensen and Mr. Cullum on April 10, 2003.

As observed during today's field inspection, the pond contains water. During temporary cessation, the only water reporting to the pond is runoff from precipitation events, (i.e., there is no wash down water or roadway watering occurring).

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The two alternate sediment control areas associated with the site were inspected. The first lies outside of the parking area perimeter fence on the north end of the parking lot; the other ASCA lies down channel of the outslope of the sediment ponds impounding embankment. Both areas have lush vegetation. There was no sediment observed leaving either of the areas.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Mr. Jim Smith, Reclamation Hydrologist assigned to the Trail Mountain Mine permit area performed a review of the fourth quarter 2002 surface and ground water monitoring information on April 2, 2003. The report was gone over with Mr. Oakley during today's inspection. According to same, the following was observed:

- 1) There are either data or reports missing for monitoring sites T-3, T-18, and TM-1B.
- 2) Monitoring point T-19 has reported results for the following parameters which are in excess of two standard deviations; calcium, sulfate, and total dissolved solids. This is the second quarter in which this has occurred.
- 3) Monitoring point SW-2 has had results reported for sulfate that are in excess of the two standard deviation range.

Monitoring point T-19 is a surface water monitoring point (undisturbed) located in the unnamed drainage off of Straight Canyon. Monitoring Point SW-2 is located adjacent to the alternate sediment control area below the outslope of the Trail Mountain Mine sediment pond. Hence, it is a stream monitoring point outside of the mine site disturbed area. Monitoring site TM-1B is the Trail Mountain ground water monitoring well.

Mr. Oakley was asked to follow up on the missing water monitoring information and provide it to the Division. The permittee provided the missing information on June 16, 2003. Also, an explanation as to why certain parameters were in excess of more than two standard deviations was requested. Lab error is one possibility.

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4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS

The permittee received a new UPDES permit from the Utah Division of Water Quality on January 22, 2003. Same is identified as UT0023728. The number of permitted outfalls for the Trail Mountain site remains at two. The permit will remain in effect until December 31, 2007.

Discharge monitoring reports for the sites permitted outfalls were reviewed for the months of January through April of 2003. Neither the sediment pond nor the mine water discharge point had flows during the four-month period. All reports were submitted in a timely fashion.

9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES

The cyclone fence barricades which bar unauthorized access to the mine seals which are at least twenty-five feet in by the outcrop were inspected and found to be adequate. No evidence of tampering is apparent.

16A. ROADS: CONSTRUCTION/MAINTENANCE/SURFACING

The sloped area down gradient of the 600-ton truck loading silo receives runoff from the ancillary road which provides access up to several of the mine's portals. As such, it has seen significant flows since it was last maintained and there is a rut that is approximately ten inches wide by 6 to 8 inches deep. It was suggested that the area be graded when possible to remove the ruts. This runoff reports directly to the mine site sediment pond.

21. BONDING AND INSURANCE

The general liability insurance policy #U0614A1A03 remains in effect for one year from date of issue, April 1, 2003. Coverage for damages due to the use of explosives is provided, although all explosive magazines and implements have been removed from the site. A general aggregate amount of \$2,000,000 has been provided; a similar amount for each occurrence is also in effect.

Inspector's Signature: _____ Date: June 16, 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, via email
Price Field office

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