



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Handwritten initials/signature

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INSPECTION REPORT

Partial XXX Complete Exploration
Inspection Date: 08/08/2002 / Time: 9:40 AM-12:10 PM
Date of Last Inspection: 06/07/2002

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): Daron Haddock, Joe Helfrich, Wayne Western, James Smith, Peter Hess
Federal Official(s): None Weather Conditions: Sunny; 80's Fahrenheit
Type of Mining Activity: Underground XXX Surface Prep Plant Other Other
Existing Acreage: Permitted 3538.98 Disturbed 10.69 Regraded Seeded
Status: Temporary Cessation

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - 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.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- 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 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 type="checkbox"/>	<input 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 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<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)

PERMIT NUMBER: C/015/009

DATE OF INSPECTION: 08/08/2002

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

Note: The Division initiated a midterm permit review of the Trail Mountain Mine on June 17, 2002. As part of the review process, members of the Division's Salt Lake City technical review staff, and the assigned Reclamation Specialist conducted an inspection of the site.

The site remains in temporary cessation status.

As part of this inspection, an evaluation was made of the high voltage transmission lines that supply the site relative to raptor protection. This is discussed under section heading 9. PROTECTION OF FISH, WILDLIFE, AND RELATED ENVIRONMENTAL ISSUES.

4A. HYDROLOGIC BALANCE: DIVERSIONS

The inlet of the forty-eight inch undisturbed bypass culvert located in a side drainage behind the main electrical substation was blocked. A four-inch by four-inch opening trash rack prevents large debris from entering this lateral diversion. The elevation of the channel feeding this culvert is at the approximate center of the 48-inch pipe. The inlet was cleaned to the elevation of the channel bottom, such that it could function. Mr. Oakley committed to cleaning this inlet such that the full flow diameter of the pipe would be exposed.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The mine site sediment pond was damp in the bottom, although cracks approximately two inches wide have developed in a cross hatched pattern from drought conditions.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The site contains two alternate sediment control areas. The first area is located just outside the perimeter fence on the north end parking lot. A silt fence and large diameter riprap are the means of sediment control and energy dissipation in this area. The riprap has been placed about the inlet to the sixty-six inch undisturbed main canyon bypass culvert in an extensive fashion. A silt fence, which is approximately ninety feet in length and extends from the SW end of the berm to the edge of Cottonwood Creek, is in place to provide sediment control for the outslope of the berm. The permittee desires to remove the silt fence, for reasons of the amount of maintenance required on these structures. The outslope has developed thick vegetation, mostly in grass. Photographs of the area were taken during today's inspection. There is no evidence of erosion or sediment buildup anywhere within the area. Visual evidence reveals that the silt fence is no longer needed; therefore, it is recommended that the permittee be allowed to remove the structure via proper permitting procedure. Photos of the area can be viewed in the "O" drive, under 015009tmt / Images / 08082002.

The second area utilizing alternate sediment control methods exists directly south of the discharge culvert from the mine site sediment pond. The permittee has just submitted a permit amendment to change the approved method of sediment control from riprap and straw bales to riprap, vegetation, and litter. This area was evaluated on July 29, with photo documentation being established. As noted in the 7/29/2002 inspection report, there was no evidence of erosion or sediment deposition adjacent to Cottonwood Creek or about the ASCA watershed area. The area is well vegetated, and includes numerous boulders and smaller rocks, as well as litter. The review of the amendment will be included as part of the midterm permit review process.

INSPECTION REPORT
(Continuation Sheet)

PERMIT NUMBER: C/015/009

DATE OF INSPECTION: 08/08/2002

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

As noted above, an evaluation was conducted of the incoming high voltage transmission lines that supply electrical energy to the Trail Mountain surface facilities. Three-phase power is carried on wooden poles with each phase being carried on an extended arm; two of the phases exist, each on an extended arm to one side of the pole, with the third phase extending out from the opposite side of the pole. The distance between the phases appears to be at least sixty inches, which is the minimum distance specification for what is considered to be a "raptor safe" design.

Photos of the power line support structures and the Trail Mountain substation can be viewed in the "O" drive /015009 / Images / 08082002raptor.

As the site is in temporary cessation status, there is no noise being generated by mining related activities. There was no evidence observed relative to raptor mortality. All other distribution lines within the site are insulated. The electrical substation was not evaluated.

It needs to be noted that **it is not possible to de-energize the incoming power lines, as electrical energy is necessary to provide lighting and surveillance cameras for security purposes.**

Inspector's Signature: _____


Peter Hess #46

Date: August 9, 2002

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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