

0003



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Governor

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801-538-5340

## INSPECTION REPORT

INSPECTION DATE & TIME: August 20, 1992 - 12:00 noon to 5:30 pm  
August 21, 1992 - 7:30 am to 3:00 pm

Permittee and/or Operators Name: PacifiCorp Electric Operations  
Business Address: P.O. Box 1005, Huntington, Utah 84528  
Mine Name: Cottonwood/Wilberg Permit Number: ACT/015/019  
Type of Mining Activity: Underground X Surface      Other       
County: Emery Federal Official(s): None  
Company Official(s): Karl Housekeeper  
State Official(s): Henry Sauer  
Partial:      Complete: X Date of Last Inspection: 7/15/92  
Weather Conditions: Clear and cool  
Acreage: Permitted-11,532 Disturbed-102 Regraded-     Seeded-      
Bonded-102 Enforcement Action: None

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	<u>YES</u>	<u>NO</u>	<u>N/A</u>	<u>COMMENTS</u>
<u>1. PERMITS</u>	<u>(X)</u>	<u>( )</u>	<u>( )</u>	<u>(X)</u>
<u>2. SIGNS AND MARKERS</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>3. TOPSOIL</u>	<u>(X)</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>4. HYDROLOGIC BALANCE:</u>				
<u>a. STREAM CHANNEL DIVERSIONS</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>b. DIVERSIONS</u>	<u>(X)</u>	<u>( )</u>	<u>( )</u>	<u>(X)</u>
<u>c. SEDIMENT PONDS AND IMPOUNDMENTS</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>d. OTHER SEDIMENT CONTROL MEASURES</u>	<u>(X)</u>	<u>( )</u>	<u>( )</u>	<u>(X)</u>
<u>e. SURFACE AND GROUNDWATER MONITORING</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>f. EFFLUENT LIMITATIONS</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>5. EXPLOSIVES</u>	<u>( )</u>	<u>( )</u>	<u>(X)</u>	<u>( )</u>
<u>6. DISPOSAL OF DEVELOPMENT WASTE &amp; SPOIL</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>7. COAL PROCESSING WASTE</u>	<u>( )</u>	<u>( )</u>	<u>(X)</u>	<u>( )</u>
<u>8. NONCOAL WASTE</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>10. SLIDES AND OTHER DAMAGE</u>	<u>(X)</u>	<u>( )</u>	<u>( )</u>	<u>(X)</u>
<u>11. CONTEMPORANEOUS RECLAMATION</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>12. BACKFILLING AND GRADING</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>13. REVEGETATION</u>	<u>(X)</u>	<u>( )</u>	<u>( )</u>	<u>(X)</u>
<u>14. SUBSIDENCE CONTROL</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>15. CESSATION OF OPERATIONS</u>	<u>( )</u>	<u>( )</u>	<u>(X)</u>	<u>( )</u>
<u>16. ROADS</u>				
<u>a. CONSTRUCTION</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>b. DRAINAGE CONTROLS</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>c. SURFACING</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>d. MAINTENANCE</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>17. OTHER TRANSPORTATION FACILITIES</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>
<u>18. SUPPORT FACILITIES</u>				
<u>UTILITY INSTALLATIONS</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>	<u>( )</u>

## INSPECTION REPORT

(continuation sheet)

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PERMIT NUMBER: ACT/015/019

DATE OF INSPECTION: 8/20-21/92

(Comments are Numbered to Correspond with Topics Listed Above)

### 1. PERMITS

Amendment ACT/015/019-89A, originally approved on October 23, 1989, has been revised. The revision (dated June 6, 1992) deletes the construction of the stacking tube and includes the construction of a conveyor system. The reclaim tunnel portion of the original amendment was constructed as planned.

The following records were reviewed and found in good order: Second Quarter of 1992 - sediment pond inspections, waste rock engineering reports, UPDES monitoring reports, and the water monitoring reports. The proof of insurance documents and reclamation bond were reviewed and found in good order.

The 1991 Annual Hydrologic Report and the 1991 Subsidence Survey were submitted to the Division in May of this year.

### 4b. HYDROLOGIC BALANCE: DIVERSIONS

The drop inlet and culvert system adjacent to the diesel shop should be cleaned of sediments. The system was functional at the time of the inspection.

The parking lot perimeter diversion ditch needs to be cleaned of sediments.

The operator informed me that preparations were under way to fulfill DO-91B. Diversion ditch-B was being constructed at the new waste rock disposal facility. Rock riprap was piled on site and will be used as armoring on the berm key-way. The waste rock has been graded and is even with the top of the second berm. Geotechnical drilling will occur prior to the construction of the third berm. The active waste rock disposal area will be graded to drain all surface water from the top of the pile to the southwest corner of the facility and into the key-way.

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PERMIT NUMBER: ACT/015/019

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

The silt fence on the south east corner of the old waste rock cell #7 has been relocated farther down gradient. This was done to catch and treat all of the drainage in this area.

The berm on the crest of the Transfer Station pad has been reconstructed.

The drop culvert on the Reclaim Tunnel pad has had large boulders (2-3 feet in diameter) placed around the inlet.

**10. SLIDES AND OTHER DAMAGE**

Gullies are forming on the south west side of the new Waste Rock Disposal Facility subsoil stockpile. Runoff from the top of the stockpile has cascaded over the crest of the pile and subsequently formed head cuts. The operator was instructed to divert the drainage from going over the crest of the stockpile to prevent additional damage. The aforementioned situation does not constitute a noncompliance situation. However, the situation may require enforcement action in the future.

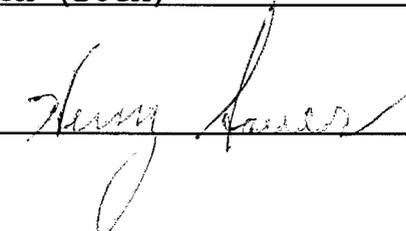
**13. REVEGETATION**

The following areas should be reviewed to determine the need for reseeding this fall: the slope above the parking lot on the south west corner; the slope adjacent to the reclaim tunnel; the area surrounding the old guard shack; the cut slopes south of the sediment ponds; cell #4 of the old waste rock storage facility.

Copy of this Report:

Mailed to: Bernie Freeman (OSM), Val Payne & Guy Davis (PEO)

Given to: Joe Helfrich (DOGM)

Inspector's Signature:  #32 Date: 8/25/92