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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

*PHL  
by  
SO*

Partial: XXX Complete: \_\_\_\_\_ Exploration: \_\_\_\_\_  
Inspection Date & Time:                      9 AM-2 PM  
Date of Last Inspection: 12/12/2000

Mine Name: Cottonwood/Wilberg Mine County: Emery Permit Number:   
Permittee and/or Operator's Name: PacifiCorp  
Business Address: P.O. Box 310, Huntington, Utah 84528  
Type of Mining Activity: Underground XXX Surface \_\_\_\_\_ Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
Company Official(s): Mr. Dennis Oakley, Environmental Engineer  
State Official(s): Peter Hess, Ms. Priscilla Burton Federal Official(s): None  
Weather Conditions: Clear, warm, 40's Fahrenheit  
Existing Acreage: Permitted 11508 Disturbed 102 Regraded \_\_\_\_\_ Seeded \_\_\_\_\_  
Status: Active XXX

### 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.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 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 <sup>th</sup> 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: ACT/015/019

DATE OF INSPECTION: 01/04/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

Note: Ms. Priscilla Burton, Reclamation Soils Scientist from the UDNR/OGM/SLO accompanied this individual during the course of today's inspection at the Cottonwood/Wilberg Mine. Ms. Burton's purpose was to inspect the reclaimed area adjacent to the Trail Mountain Mine, which is known as the Cottonwood fan portal area, in order to obtain a better grasp of the "as-built" reclamation work. Mr. Robert Davidson, who was the Division's soil scientist prior to Ms. Burton, had aired several concerns relative to the reclamation of this area. A deficiency response authored by the permittee on December 8, 2000 to address Mr. Davidson's concerns is currently being reviewed by Ms. Burton.

During the inspection of the reclaimed area, it was observed that the South portal of the old Johnson Mine has had several small holes knocked into it by vandals. This exists as part of an "undisturbed" area and as such is not considered by the UDNR/OGM to be the permittee's responsibility. The area is owned by the LDS Church. The condition of the South seal has been reported to Mr. Mark Mesch of the UDNR/OGM abandoned mine reclamation program via electronic mail.

#### **4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

The permittee has completed the clean out of the North and South ponds at the Mine site facilities area. During the South pond cleaning process, the contractor damaged the 12-inch corrugated metal pipe which acts as a drop pipe from the slotted road drain located on the NE corner of the earth fill dam. It was noted that the 12-inch CMP was blocked with sediment buildup. Mr. Oakley had issued instructions to the contractor prior to today's inspection to replace the damaged, blocked culvert with a new section in order to return the road drain to full function.

The re-certification of the North and South ponds by Mr. John Christensen, registered professional engineer for the permittee, is pending.

There are three areas on the inslopes of the two cleaned cells which were used to access the sediment accumulations by the track hoe and trucks. According to Mr. Oakley, the areas will be stabilized by seeding in the very near future.

There was no evidence of sediment slop over material noted on the County road between the Mine site and the waste rock disposal area. As noted in last month's inspection, the hauled material was very soupy in nature.

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

The silt fence which was installed around the down gradient side of the topsoil pile located on the North side of the waste rock site access gate has had the bottom portion of the fabric pulled from the ground. There was no evidence of any topsoil laden flow reporting outside of this fence. Mr. Oakley indicated that he would have the fence repaired as soon as possible.

#### **4D. HYDROLOGIC BALANCE: WATER MONITORING**

The third quarter water monitoring information for the Energy West mines was submitted to the UDNR/OGM/SLO on December 14, 2000. The permittee did not have this information compiled into the hard copy which is retained for inspection purposes on December 12, 2000 which was the date of the

**INSPECTION REPORT**

(Continuation sheet)

PERMIT NUMBER: ACT/015/019

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last Cottonwood inspection. Due to the necessity to get in the field to inspect the Cottonwood fan portal reclaim area, the review of the third quarter data for Cottonwood will be conducted during the February complete inspection.

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

The permittee has begun the deposition of end dumped piles of coal mine waste for a new lift at the active waste rock disposal site on the East side of the pile. The material comes from the tipples at the Trail Mountain Mine as well as the tipple at the main facilities area. Some wood, as well as other assorted noncoal waste, was observed within the piles. It is well known that the permittee allows this type of material to accumulate until the lift is full; removal of noncoal waste occurs immediately prior to the leveling/compacting process as approved within the mining and reclamation plan.

It was noted that the permittee needs to raise the elevation of the berming embankment at the crown of the northern slope of the sediment pond.

**8. NONCOAL WASTE**

There were several noncoal waste items (lunch wrapper baggies, styrofoam cups, snack bags) observed in the drainage ditch located SE of the Cottonwood Mine diesel roadway portal in Cottonwood Canyon. It is not known from which Mine (Trail Mountain or Cottonwood), the items came from. The items were pointed out and removed by Mr. Oakley.

Inspector's Signature: \_\_\_\_\_

  
Peter Hess #46

Date: January 11, 2001

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

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

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