



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Michael O. Leavitt
 Governor
 Lowell P. Braxton
 Division Director

Partial: Complete: XXX Exploration:
 Inspection Date & Time: 10/28/99 / 8:00a.m.-3:30p.m.
 Date of Last Inspection: 9/17/99

Mine Name: Willow Creek Mine County: Carbon Permit Number: ACT/007/038
 Permittee and/or Operator's Name: Cyprus Plateau Mining Corporation
 Business Address: 847 Northwest Highway 191, Helper, Utah 84526
 Type of Mining Activity: Underground XXX Surface Prep. Plant Other
 Company Official(s): Johnny Pappas
 State Officials(s): Peter Hess Federal Official(s): None
 Weather Conditions: Sunny, Clear, 40's
 Existing Acreage: Permitted- 14,670 Disturbed- 206.7 Regraded- Seeded- Bonded- 206.7
 Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
 Status: Exploration/ XXX Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
 Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

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.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
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 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" 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 (4th Quarter-April, May, June) <u> </u> (date)	<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 type="checkbox"/>	<input type="checkbox"/>

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(Comments are Numbered to Correspond with Topics Listed Above)

Note: It should be noted that there has been a significant improvement in the orderliness of material storage at the Mine site area.

4a. **HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

The third quarter impoundment inspections for the site were conducted by Mr. Pappas on September 15. There were no hazards or signs of instability reported during this inspection.

Pond 013A (School House Canyon coarse refuse toe pond) was inspected on October 1, by Mr. Roland Tallerico. Pond 013A is an MSHA pond, and is inspected on a monthly basis.

Today's field inspection of pond 013A revealed an embankment separation on the east bank; this is the peninsula portion of the pond, which separates the main pond from the emergency spillway. Mr. Pappas intends to have Richard White, P.E., from EarthFax Engineering look at the separation. It was also suggested that MSHA be informed of the situation. **This is not a hazardous situation.** Re-compaction of the bank should be performed to correct the void, such that precipitation does not cause the bank to slump into the pond.

Mr. Pappas informed me on November 1, 1999 that it is Mr. Tallerico's intent to conduct the November inspection of pond 013A with an MSHA inspector. The bank separation will be looked at.

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

The permittee has removed the silt fences from the bank SE of the propane tanks, as well as the fences around the perimeter of the topsoil storage pile.

4d. **HYDROLOGIC BALANCE: WATER MONITORING**

The second quarter water monitoring report for the site was submitted to the UDNR/OGM SLO on August 10. The third quarter report is pending.

A review of the second quarter laboratory sheets did not reveal any abnormalities with the exception of the June 18, 1999 sample taken at B-6, Willow Creek. A cation/anion balance of +16.8 % was reported on the CT&E lab sheet. This is in excess of the +/- 10% error which is generally considered acceptable.

All other samples reported had acceptable cation/anion balances, (i.e., less than or equal to + or - 5 % error).

Discharge monitoring reports for the months of July, August and September were reviewed. All were submitted in a timely fashion. None of the site's sediment ponds discharged during this period.

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4e. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS

The de-watering of the "K" seam is still under evaluation by the Utah DEQ/Division of Water Quality. It is still unknown at this time as to what type of UPDES permit will be issued for the Willow Creek site. The permittee is proposing to build a treatment pond in the vicinity of the old office building (double wide trailer on the old Savage truck shop building location). A "mixing zone" in the Price River is also being considered. The method of treatment for the "K" seam water will be the determining factor in what type of UPDES permit is granted for the site.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The third quarter refuse pile inspection/P.E. certification was conducted by D. Tom Hurst on September 30, 1999. There were no signs of instability or other hazardous conditions reported.

The permittee has re-grouted part of CGD-7, which is the disturbed area drainage ditch on the SE side of the School House Canyon pile.

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

The permittee is having the Spill Prevention Control and Countermeasure plan for the site revised through EarthFax Engineering. This was determined to be necessary by the United States Environmental Protection Agency following their inspection of the site relative to the release of liquid hydrocarbons with the mine water to UPDES pond 001A last fall.

The permittee has cleaned the hydrocarbon ring from the inner bank of pond 001A.

11. CONTEMPORANEOUS RECLAMATION

The permittee has reclaimed the exploration road and the pads in Eagle and Dinosaur Canyons up to the NE edge of the propane tank pad. All drainages have been re-established.

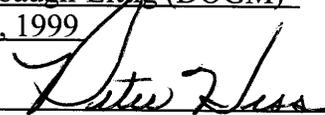
14. SUBSIDENCE CONTROL

The field survey for the 1999 subsidence report was conducted on September 14, 29, and 30. The results are pending.

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

Copy of this Report:

Mailed to: Johnny Pappas (Plateau) Henry Austin (OSM)
Given to: Pam Grubaugh-Littig (DOGM) Filed to: Price Field Office
Date: November 2, 1999

Inspector's Signature:  #46
Peter Hess