

0016



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

*ged*

Michael O. Leavitt  
Governor  
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Salt Lake City, Utah 84180-1203  
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Partial:\_\_\_ Complete: XXX Exploration:\_\_\_  
Inspection Date & Time: 8/27,28/96 / 8:10-2:30, 10:15-2:30  
Date of Last Inspection: 7/30/96

Mine Name: Willow Creek Mine County: Carbon Permit Number: ACT/007/038  
Permittee and/or Operator's Name: Cyprus Plateau Mining Corporation  
Business Address: P. O. Drawer PMC, Price, Utah 84501  
Type of Mining Activity: Underground XXX Surface\_\_\_ Prep. Plant\_\_\_ Other\_\_\_  
Company Official(s): Ben Grimes  
State Officials(s): Peter Hess Federal Official(s): None  
Weather Conditions: Hot, 90's  
Existing Acreage: Permitted- 11,500 Disturbed- 56 Regraded-\_\_\_ Seeded-\_\_\_ Bonded- 56  
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

- 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 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 type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input checked="" 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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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)_____(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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(Continuation sheet)

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(Comments are Numbered to Correspond with Topics Listed Above)

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

Sediment ponds #1 and #2 are functional. The oil skimmer/decant device for the #1 (main surface facilities) pond was installed on August 20, 1996. The open spillway for this pond still needs to be installed; Mr. Grimes indicated that this would be done during the week of September 2, 1996. A trackhoe was busy installing the open spillway for the #2 pond on August 27, 1996.

The 2nd quarter impoundment inspections for the site were conducted by Mr. Grimes on July 18, 1996. A common form is used to inspect the two sediment ponds and four catch basins. Originally, pond #1 was the area surrounding the portals area, and this was used in conjunction with four catch basins until the main surface facilities pond could be built, (located north of the lower Willow Creek channel change). As noted above, the main surface facilities pond is now referred to as pond #1. All drainage which previously reported to the portals area pond and catch basins #1, #2, and #3 now reports to the main surface facilities or #1 pond. The July 18, 1996 inspection noted that all ponds/catch basins were dry, and that no problems existed.

Mr. John Borla, P.E., certifies the quarterly impoundment inspections.

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

The 1st and 2nd Quarter water monitoring report for the Willow Creek site was submitted to the SLC-DOGM on July 31, 1996.

Discharge monitoring reports for 001A, 002A, 003A, and Sum A were reviewed for submittal. No discharges have occurred from any of these points to date.

5. **EXPLOSIVES**

The last shot made at the site consisted of twenty-one holes and occurred on August 6, 1996. Blasting records are in order. The permittee utilizes two Utah certified blasters, Ross Tabberer and Doug Lawley. Copies of these men's certifications are kept on site for inspection purposes.

The powder and detonator magazines, which are retained at the site, are located in the material storage area directly north of the lower Willow Creek channel relocation. Both were locked and appear in good order.

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8. NONCOAL WASTE

An inspection of the aforementioned material storage area indicated that a better cleanup program needs to be initiated at the site. Soiled rags, used hydraulic and fuel filters, soda cans, cardboard, crushed wood, and open buckets of used oil were observed in a haphazard manner in this area. At least one oil spill (approximately 5 feet by eight feet) was also observed. The active construction area by the 30,000 ton run-of-mine stockpile reclaim tunnel was also observed to have numerous lunch pail waste haphazardly strewn. There were no containers in either area for the proper disposal of this trash. As a result of these findings, N96-46-3-1 was issued to the permittee "for failure to properly control noncoal waste". It should be noted in this report that:

- (1) the permittee and Nielson Construction Company had received several previous warnings about this problem, and
- (2) the permittee took the action necessary to abate this violation such that it was terminated by 13:10 hours on the second day of the inspection.

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

The SPCC plan, which the permittee is utilizing for the site, is a generic plan that was prepared and approved by Environmental Industrial Services in January of 1994. A tentative site specific plan has been developed and is pending review/approval by Mr. John Borla, P.E.

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: Cyprus Plateau Mining Corporation Marcia Petta (OSM)  
Given to: Joe Helfrich (DOGM) Filed to: Price Field Office  
Date: August 29, 1996

Inspector's Signature:  #46  
Peter Hess