0020

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

Partial: X Complete:__ Exploration:__
Inspection Date & Time: 2/25/94, 10:30am-1:30pm
Date of Last Inspection: 1/27/94

Mine Name: Star Point County: Carbon Permit Number: ACT/007/006
Permittee and/or Operator's Name: Cyprus Plateau Mining Corp.
Business Address: P.O. Box Drawer PMC, Price, UT 84501
Type of Mining Activity: Underground X Surface__ Prep. Plant__ Other__
State Officials(s): Henry Sauer Company Official(s): Ben Grimes, Ben Blackburn
Federal Official(s): None
Weather Conditions: Clear and Warm, approximately 10 inches of snow on the ground
Existing Acreage: Permitted- 7200 Disturbed- 220 Regraded-___ Seeded-___ Bonded- 220
Increased/Decreased: Permitted-___ Disturbed-___ Regraded-___ Seeded-___ Bonded-__
Status: __Exploration/ X 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.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	[ ]	[ ]	[ ]	[ ]
2. SIGNS AND MARKERS	[ ]	[ ]	[ ]	[ ]
3. TOPSOIL	[ ]	[ ]	[ ]	[ ]
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	[X]	[ ]	[X]	[ ]
b. SEDIMENT PONDS AND IMPOUNDMENTS	[ ]	[ ]	[ ]	[ ]
c. OTHER SEDIMENT CONTROL MEASURES	[ ]	[ ]	[ ]	[ ]
d. WATER MONITORING	[ ]	[ ]	[ ]	[ ]
e. EFFLUENT LIMITATIONS	[ ]	[ ]	[ ]	[ ]
5. EXPLOSIVES	[ ]	[ ]	[ ]	[ ]
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	[ ]	[ ]	[ ]	[ ]
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	[X]	[ ]	[X]	[ ]
8. NONCOAL WASTE	[ ]	[ ]	[ ]	[ ]
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	[ ]	[ ]	[ ]	[ ]
10. SLIDES AND OTHER DAMAGE	[ ]	[ ]	[ ]	[ ]
11. CONTEMPORANEOUS RECLAMATION	[ ]	[ ]	[ ]	[ ]
12. BACKFILLING AND GRADING	[ ]	[ ]	[ ]	[ ]
13. REVEGETATION	[ ]	[ ]	[ ]	[ ]
14. SUBSIDENCE CONTROL	[ ]	[ ]	[ ]	[ ]
15. CESSATION OF OPERATIONS	[ ]	[ ]	[ ]	[ ]
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	[ ]	[ ]	[ ]	[ ]
b. DRAINAGE CONTROLS	[ ]	[ ]	[ ]	[ ]
17. OTHER TRANSPORTATION FACILITIES	[ ]	[ ]	[ ]	[ ]
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	[ ]	[ ]	[ ]	[ ]
19. AVS CHECK (4th Quarter-April, May, June)_____(date)	[ ]	[ ]	[ ]	[ ]
20. AIR QUALITY PERMIT	[ ]	[ ]	[ ]	[ ]
21. BONDING & INSURANCE	[ ]	[ ]	[ ]	[ ]

INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: ACT/007/006 DATE OF INSPECTION: February 25, 1994

(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS

This partial inspection was dedicated to reviewing certain aspects of the monitoring and construction of the refuse pile. Mr. Ben Grimes assisted the undersigned inspector during the cursory record review. Mr. Ben Blackburn (surface foreman) accompanied the undersigned inspector during the field portion of the inspection.

7.COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The 1993 quarterly refuse pile inspection reports were reviewed. The reports were conducted and certified by John Borla P.E. (State of Utah No.172351). All inspection reports state that the pile is being constructed as designed and that there are no signs of instability, structural weakness or other hazardous conditions.

During the third quarter of 1993 the "west and east" piezometers were destroyed and plugged, respectively. During the first quarter of 1993, it was noted that refuse material on the active portion of the pile was extremely wet due to spring thawing. This condition was observed during the state inspection.

Mr. Ben Grimes informed me that there has never been water detected in the piezometer wells. The January 1983 Rollins, Brown and Gunell Engineering (RB&G) Soil and Foundation Investigation report for the refuse pile was reviewed. The report indicates that Well #1 was completed 39 feet below the ground surface and Well #3 was completed 62 feet below the ground surface. The wells are completed in colluvium and alluvium. Based on this information it is highly unlikey that a piezometric surface will ever be detected in Wells #1 & #3.

The 1991 RB&G refuse pile report draws the following conclusions: the inplace refuse is equal to or greater than 95% laboratory density; the maximum refuse pile height is less than 100 feet; the side slopes are less than 2H:1V. In addition to the aforementioned conclusions, the report stated that, "It should be noted that very little surface water flows off the surface of the refuse pile" and " ...the refuse pile is sufficiently permeable that excess water seeps into the refuse pile."

4.HYDROLOGIC BALANCE:

a. DIVERSIONS

The road culvert immediately north of the clay lined sediment pond, adjacent to the mine access road was partially obstructed by ice. The draining melt water was reporting to the proper location because the operator had constructed a small, temporary conveyance ditch. The temporary ditch required minor maintenance. The surface foreman instructed a mine employee to build up the conveyance ditch.

INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: ACT/007/006 DATE OF INSPECTION: February 25, 1994

Copy of this Report:
Mailed to: Bernie Freeman (OSM) Mr. Ben Grimes (CPMC)
Given to: Joe Helfrich (DOGM)

Inspector's Signature: Henry Sauer #32 Date: March 4, 1994