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FILE COPY

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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INSPECTION REPORT

Permittee and/or Operators Name: Plateau Mining Company
Business Address: P.O. Drawer PMC Price, UT 84501
Mine Name: Star Point Mine Permit Number: ACT/007/006
Type of Mining Activity: Underground X Surface ___ Other ___
County: Carbon
Company Official(s): Steve Jones & Dennis Ware (Field Insp) and Ben Grimes (Paperwork)
State Official(s): Phil Ralphs
Inspection Date and Time: 5/28/86 7:30 am - 12:30 pm and 5/29/86 8:00 am - 11:00 am
Partial: ___ Complete: X Date of Last Inspection: 4/2/86
Weather Conditions: Clear & Warm
Acreage: Permitted 5,225 Disturbed 308.5 Regraded ___ Seeded ___ Bonded 308.5
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT
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Permit Number: ACT/007/006 Date of Inspection: 5/28 & 29/86

COMMENTS

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS: The operator received permanent program approval from the Division and OSM on 1/27/82, w/ 11 stipulations attached to the approval. To date all stipulations have been met.
- The Operator has included a major revision to the approved permit which is the Unit Train Loadout Facility. Approval of this facility was granted by the Division and OSM on 9/28/84.
- The Operator holds an approved NPDES Discharge Permit which includes 8 sediment ponds and a mine water discharge point. This permit was approved on 3/22/82 and expires on 12/31/86. The Operator has submitted a request to renew this permit.

2. HYDROLOGIC BALANCE: All diversions, culverts, drop inlets and berms which were inspected are functional. The undisturbed diversion on the Lien Deck, behind the shop needs some minor maintenance.
- At the time of this inspection none of the sediment ponds were discharging. All ponds contained small amounts of water. All water levels were well below the decant outlets.
- Sediment pond #2 is presently under construction. This construction ~~presently~~ consists of compacting fill around outlet culverts. There is a Temporary dike in front of the permanent embankment to divert & hold runoff from ongoing construction.
- I reviewed the Operators surface and ground water monitoring data for the First Quarter, 1986. Samples were taken at stream monitoring stations: ST-1, ST-2, 10-1 and a combined sample for 34-1 & 34-2; All other stations were inaccessible. Ground water samples were taken at stations 85-105 MU (drill hole) and seeps #4, #6, #9, & #12. TDS values at 3 ground water stations were above 650 mg/l (the upper limit for discharge, see following comment).

Copy of this Report:
Mailed to: Donna Griffin (OSM) and Ben Grimes (PMC)
Given to: Joe Helfrich and John Whitehead.

Inspectors Signature and Number: Philip M Rafola, #10, 6-5-86

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Inspection Report
(continuation sheet)

Permit Number: ACT/007/006

Date of Inspection: 5/28&29/86

COMMENTS

- NPDES Quarterly Reports for the 1st Quarter, 1986 were observed. Ponds 1,4,5 & 6 (discharge) were within effluent limitations. Pond 3 & 7 reported no discharge. Pond #8, which controls runoff from the Train Loadout, reported excessive levels of TDS (1564 - 3913 mg/l with an average of 2788). PMC has requested a variance from EPA for TDS for 1 year to monitor two undisturbed sampling locations nearby, as well as Sed Pond #8. These undisturbed sites have had TDS values, from runoff, as high as 11,000 mg/l. PMC hopes to determine what a reasonable discharge limit would be for this sed pond from this monitoring. The mine water discharge also had high levels of TDS. PMC has requested an increase for the mine water discharge because of the high TDS levels from mine water inflow (see preceeding comment). The present limitations for TDS is 2000 mg/l for the sed Ponds and 650 mg/l for the mine water.

11. CONTEMPORANEOUS RECLAMATION: The reclamation which was done last fall at the #1 Mine was observed. During a previous Inspection I had concerns regarding the possibility of rills forming on the reclaimed slopes. The minor rilling which had occured has not gotten worse and are presently no longer a concern. The Operator has done an excellent job of diverting runoff on the Uppermost pad, above the reclaimed slopes, around the reclamation area. Germination of the slopes is just begining. The overall condition of the site looks fairly well.

- The new leach field has recently been retopsoided, seeded & mulched.

Inspectors Signature, Number and Date: Philip M Rapka, #10, 6/5/86

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