



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

file

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 30, 1988

Mr. Ben Grimes
Senior Environmental Engineer
Cyprus-Plateau Mining Corporation
P. O. Drawer P M C
Price, Utah 84501

Dear Mr. Grimes:

Re: Review of Stipulation Responses of April 27, 1988, Plateau Mining Company, Star Point Mine, ACT/007/006, Folder 2, Carbon County, Utah

Division technical staff have reviewed the above-noted materials and identified deficiencies in the attached memorandums. As a result, Stipulations 817.52(2b), 817.71-.74 and 817.101 remain outstanding.

Please submit complete and adequate responses to the deficiencies attached no later than July 1, 1988. Feel free to contact the technical reviewers if you should have any questions on the attached memos.

Sincerely,

John J. Whitehead
Permit Supervisor/
Reclamation Hydrologist

JJW/as
Attachment(s)
cc: P. G.-Littig
R. Smith
T. Munson
0800R/58



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 18, 1988

TO: John Whitehead, Permit Supervisor
FROM: Tom Munson, Reclamation Hydrologist *TM*
Re: Plateau's Stipulation Response Review Plateau Mining Company,
Starpoint Mine, F/007/006, File Folder #2 Emery County, Utah

Syunopsis

The Division received Plateau's response to Stipulation (817.52 #2B) on April 28, 1988 and has reviewed that stipulation response in the context of the Division's Water Monitoring Guidelines.

Analysis

Table 81 and 82 were looked at and compared with the Division's parameter list from the Water Monitoring Guidelines. Table 81 and 82 were not in total agreement with the Monitoring Guidelines. Therefore, the operator needs to add Total Settleable solids, acidity and Dissolved Oxygen as a field parameter for perennial streams to table 81.

The operator also needs to add Total Settleable Solids, Cation-Anion Balance and Dissolved Oxygen as a field parameter for perennial streams to Table 82.

Recommendation

Table 81 and 82 will be approved when the operator commits to adding the water quality parameters pointed out in the Analysis section of this memo. Stipulation #2B will not be satisfied until this condition is met.

TM/as
9486R/57



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 13, 1988

TO: John Whitehead, Permit Supervisor

FROM: Pamela Grubaugh-Littig, Reclamation Engineer *pgl*

RE: Stipulation Response (Received April 28, 1988), UMC 817.101, Cyprus-Plateau Mining Corporation, Starpoint Mine, ACT/007/006, Folder #2, Carbon County, Utah

In response to my deficiency memo of December 3, 1987, Plateau has partially satisfied the requirements of the Backfilling and Grading section.

The stability analysis referenced as Exhibit 44 was not found in the PAP. This exhibit must be submitted for adequacy review.

The maps locating the retained highwalls are found on Sheets E-12, E-13, and F-12 of Map 47 (received December 31, 1987). These maps adequately portray the locations.

djh
9075R/49



May 13, 1988

TO: John Whitehead, Permit Supervisor
FROM: Richard V. Smith, Geologist **RVS**
RE: Review of Response to Stipulation 817.71-.74, Plateau Mining Company, Star Point Mines, ACT/007/006, Folder #2, Carbon County, Utah

Synopsis

The operator submitted a map showing the location of test holes and a table giving a chemical comparison of refuse materials by age in response to Stipulation 817.71-.74.

The map locating test holes appears to be related to geotechnical studies conducted for the Lion Deck Portal Road and not a map locating refuse pile samples taken during February and May 1987.

The table giving a chemical comparison of refuse materials by age complies with Stipulation 817.71-.74.

The operator has not provided other materials identified in Stipulation 817.71-.74. Specifically, an estimate of coal to waste rock and a plan for monitoring refuse prior to reclamation.

Recommendation

The operator should be instructed to provide:

1. A map showing refuse sampling locations from February and May 1987;
2. An estimate of coal to waste rock; and
3. A plan for monitoring refuse prior to reclamation.

djh
9206R/33