

0035



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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August 1, 1989

TO: Richard V. Smith, Permit Supervisor

FROM: Tom Munson, Reclamation Hydrologist *TM*

RE: Plateau Stipulation Response Review, Cyprus-Plateau Mining Company, Starpoint Mine, ACT/007/006, Folder #2, Carbon County, Utah

Synopsis

On April 28, 1989, the Division received numerous exhibits, tables, figures, and text documenting updates to the hydrologic part of the Permit Application Package (PAP) and the Reclamation Plan of the PAP. These were reviewed to document compliance with the regulations and for insertion into the PAP.

Analysis

The following exhibits were reviewed:

<u>Exhibit Number</u>	<u>Description</u>
43	Water Right Migitgation Plan
44	Silt Fence Diagram
45	Riprap Calculations
46	Culvert Capacity Calculations
47	Pond Inlet and Outlet Design Calculations
48	Pond #9 Calculations
49	Diversion Ditch and Culvert Peak Flow Calculations
50	Reclamation Channel Calculations

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Memo to R. V. Smith
ACT/007/006
August 1, 1989

The following maps were reviewed:

<u>Map Number</u>	<u>Description</u>
42	Surface Water and Sedimentation Control Facilities - Map B
50	Postmining Channel Reclamation

The following figures were reviewed:

<u>Figure Number</u>	<u>Description</u>
44	Silt Fence Diagram

The following tables were reviewed:

<u>Table Number</u>	<u>Description</u>
81	Silt Fence Diagram
82	Baseline Water Quality Parameter List

The following text was reviewed:

<u>Page Number</u>	<u>Description</u>
817-3C through 817-3h	Reclamation Plan

Recommendation

These items be approved and inserted into the PAP.

djh
AT5/21-22