



United States Department of the Interior
OFFICE OF SURFACE MINING
Reclamation and Enforcement
BROOKS TOWERS
1020 15TH STREET
DENVER, COLORADO 80202

OFFICE OF THE REGIONAL DIRECTOR

Mr. Ron Daniels
Coordinator of Mined Land Development
Utah Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Daniels:

This office has reviewed Blazon Mining Company's plan for sediment pond and drainage facilities. We found that there was insufficient information available to adequately make a determination of the effectiveness of the hydrologic structures during the design storm.

Submission of the following information is necessary to perform an accurate review of the sediment and drainage plan:

1. Rainfall amount of the design storm (10 yr/24 hrs).
2. Curve numbers with appropriate acreage, corresponding soil types and slopes of the watershed.
3. Land use and condition of the watershed.
4. Unit hydrograph and calculations.
5. Culvert lengths and slopes.
6. Head water depths.
7. Presence of inlet or outlet control on culverts.
8. Bottom dimensions of sedimentation ponds.
9. Manning's "N" or type of channel linings.
10. Any available calculations, which were utilized to arrive at peak runoff, volumes.
11. Description of trash-racks.
12. Flow velocities and calculations.

Upon submittal of the additional information noted above, this office will be glad to provide technical assistance and recommendations.

Sincerely,

DONALD A. CRANE

RECEIVED
APR 28 1980

DIVISION OF
OIL, GAS & MINING

Rt to Tom
24 APR 1980
File
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*OSM does not have
jurisdiction
on this plan
ACT/007/*