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

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
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ACT/015/007-

2

UTAH DIVISION OF OIL, GAS AND MINING
FACSIMILE TRANSMISSION COVER SHEET

DATE: 11/3/89
FAX # SENT TO: Bob Bear
ATTN: _____
COMPANY: QBR Consultants
FROM: Tom Munson
DEPARTMENT: Oil Gas + Mining
NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE): 6

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MESSAGES:



State of Utah

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November 2, 1989

Mr. John W. Rains
Chief Mining Engineer
California Portland Cement Division
695 South Rancho Avenue
Colton, California 92324-4260

Dear Mr. Rains:

Re: Review of Proposed Amendment for Reclamation Repairs, California Portland Cement Company, Hidden Valley Mine, INA/015/007-89A, Folder #2, Emery County, Utah

Enclosed are technical memoranda that review the above-identified permit change. Please be aware that activities resulting in changes to the approved reclamation plan require prior Division approval of an amendment. Moreover, failure to operate in accordance with an approved plan could result in enforcement action.

In order to accommodate your repair schedule, the Division requests that you provide an adequate response to the identified deficiencies as soon as possible, suitable for insertion into the Permit Application Package. The Division will require two copies of the response.

Sincerely,

Richard V. Smith
Permit Supervisor

djh
Enclosures
cc: K. Knoop, JBR Consultants
W. Malencik, DOGM, PFO
T. Munson, DOGM
H. Sauer, DOGM
AT97/102



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November 1, 1989

TO: Richard V. Smith, Permit Supervisor

FROM: Tom Munson, Reclamation Hydrologist *TM*

RE: Reclamation Repairs, California Portland Cement Company,
Hidden Valley Mine, INA/015/007-89A, Folder #2, Emery County,
Utah

Synopsis

A plan was received from the operator on October 30, 1989, addressing reclamation repairs of the Hidden Valley Mine site.

Analysis

The operator addresses installation of new channels and stilling basins. It is appropriate that a map be submitted, showing where these modifications will be implemented, as it is considered an amendment to the PAP.

The calculations for the ditch appear to be correct and are applicable, but in order to grant final approval, the operator needs to be more specific regarding the ditch location, showing its location on an existing map or plate. The retention berms proposed at the end of the ditch may become a maintenance problem due to the fine soil. The operator must also show the proposed location of these berms on a map or plate, and how they will be protected against excessive erosion.

The operator in the past has built high silt fence structures (> 3 feet) and must address how these structures which have become full of sediment, will be cleaned, and if reinstalled, not made any higher than two or three feet in height.

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November 1, 1989

Recommendations

1. Show all diversion berms proposed on a map or plate appropriate to the site.
2. Describe cleaning procedures and reinstallation of silt fences not higher than two to three feet to prevent any greater wedges of sediment from being produced. Also describe how the wedges of sediment will be dealt with following silt fence removal.
3. Show proposed location of erosion control netting and give specifications on the type of netting proposed.

djh
AT46/37-38



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November 2, 1989

TO: Richard V. Smith, Permit Supervisor

FROM: Henry Sauer, Reclamation Soils Specialist *HS*

RE: **Reclamation Repairs and Reseeding, California Portland Cement Company, Hidden Valley Mine, INA/015/007-89A, Folder #2, Emery County, Utah**

Synopsis

Plans were received from the operator on October 30, 1989, proposing installation of erosion control and reseeded of the Hidden Valley Mine. Work was proposed for an unspecified completion date sometime in November, 1989.

Analysis

All repair work must be specified and areas reseeded and receiving erosion control netting must be depicted on an appropriate map or plate. The operator must discuss all seedbed preparation proposed (examples: roughened surface-machinery utilized; contour furrowing--constructed to non-erosive grades; fertilization-type, amount, and application method [surficial or incorporated]).

Additionally, the operator must provide the revegetation seed mixture to include species, bulk seeding rates, pure live seeds per acre (i.e., purity and germination). If broadcast seeding occurs, then the seeds must be raked into the soil.

The viability of the seeds must be confirmed. Upon request, the U.S.D.A. will sample bulk seed free of charge and report the percent purity and percent germination at a later date.

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November 2, 1989

The operator has proposed utilizing erosion control netting. The type of netting and the installation procedures employed must also be specified.

Recommendations

1. The operator must specify in the PAP, in writing within Section VI: Revegetation, all seedbed preparation and planting methods as well as type and installation of the erosion control netting.
2. The seedbed must be prepared to maximize surface roughness.
3. Erosion control netting must be installed so that the netting closely adheres to the soil surface.
4. Seed broadcast on the surface must be raked into the soil.
5. The U.S.D.A. must sample the proposed seed mixture to determine the percent of purity and germination.

djh
AT97/30-31