Act/007/005

Mine file VB
R. Summers

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DIVISION OF OIL, GAS & MINING

GLEN A. ZUMWALT
Vice President and
General Manager

0012

February 27, 1990

Lowell P. Braxton
Associate Director, Mining
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear ~~Mr. Braxton~~ Lowell,

In the approval to our M&RP a stipulation was made that the "applicant must submit revisions to the mine facilities area sediment pond design as necessary to demonstrate compliance with UMC 817.46 and UMC 817.49. These revisions may include revised mine water discharge valves, drainage area valves, sediment volume and yield predictions, storage volume calculations, and detention time modeling."

Although we have until June 1, 1990 to respond to this stipulation, we would like to give you a progress report on meeting the stipulation.

To date we have concentrated our efforts on revising mine water discharge. Mine No. 3 is currently discharging water at the rate of 326 GPM for nineteen hours each day. We have "tee'd" into this discharge line and we estimate that we are diverting approximately 164 GPM of this water to our 300,000 gallon storage tank. The water is then re-used in the longwall and two continuous miner sections in Mine No. 1, and in one continuous miner section in Mine No. 3. All of the water being pumped from Mine No. 3 is of sufficient quality that it does not require any additional treatment before being re-used in the mining operation.

Water from Mine No. 1 is currently being discharged at the rate of 183 GPM on a 24 hour basis. Currently none of this water is being re-used. We are in the process of installing cyclones in Mine No. 1 to treat the water to produce water of sufficient quality that it can be re-used in the mine operations.

We are currently sealing off the North Mains in Mine No. 3. These seals are expected to be completed during the first week of April. At this time it is expected that water will only be pumped from Mine No. 3 every fourth day. On the other three days the makeup water for mining operation will come entirely

from water being treated in Mine No. 1. On the fourth day when Mine No. 3 water is being pumped, water from Mine No. 1 will be discharged to the sediment pond.

It will take approximately 100 days or until mid-July for the area behind the seals in Mine #3 to fill up. When that occurs we will evaluate the flow coming from behind the seals and will then make the necessary adjustments in the pumping schedule. We will also evaluate total discharge to the sediment pond and direct discharge to Eccles Creek.

We have ordered and will install when they are received flow meters so we can accurately determine the amount of water being pumped from Mine No. 3 to Mine No. 1 and that being discharged from either mine to the sediment pond. We will also be looking at other factors which may influence the operation of our sediment pond.

We hope this progress report is of value to you. We will try to make additional reports as the situation progresses.

Sincerely,

Glen A. Zumwalt
Vice President/General Manager

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