

# Quivira Mining Company

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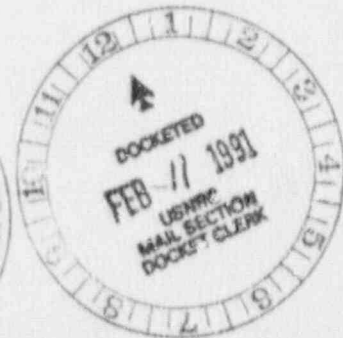
February 5, 1991

Certified Mail  
Return Receipt Requested P 568 963 633

RETURN ORIGINAL TO PDR, HQ.

Mr. Richard Ohrbom  
Water Resource Specialist  
Ground Water Section  
New Mexico Environmental Improvement Division  
Harold Runnels Building  
1190 St. Francis Dr.  
Santa Fe, New Mexico 87503

Re: Quivira Mining Company  
Discharge Plan - 169  
Ambrosia Lake Mill



Dear Mr. Ohrbom:

As per our telephone conversation today, Quivira wishes to confirm the changes in the sampling frequency for various monitor wells as provided for within Discharge Plan - 169.

First, Quivira wishes to change the sampling frequency for the eight (8) new monitor wells that were installed during 1989, from quarterly to semi-annually. Each of these wells, in accordance with the condition 17, item #1 of the plan, were sampled quarterly for the first year.

With the reduced sampling schedule, these 8 wells will be added to the list of wells, that in accordance with condition 17, item #2, are to be monitored and reported semiannually for water level, pH, conductivity, SO<sub>4</sub>, and Cl.

Additionally, these wells will be added to the list of wells as required by condition 17, item #5, to be monitored and reported annually for the following constituents; As, Ba, Cd, Cr, CN, Pb, Mo, Ni, Ag, and Se.

Finally, as provided within the plan, Quivira requests the deletion of the annual monitoring of the five (5) ventilation holes as established within condition 17, item #6. This deletion is requested due to safety considerations and the commencement of reclamation activities of surface lands at various Ambrosia Lake mining properties.

DESIGNATED ORIGINAL

(1)

Certified By *Mary C. Hard*

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However, please note that surface reclamation activities will not interfere with the on going groundwater remedial actions programs that are in operation at the Ambrosia Lake facility. The surface reclamation activities will not involve actions such as backfilling or plugging of the ventilation holes, or other such activities which would otherwise prevent the groundwater contaminants from being intercepted, captured, and removed from either the Tres Hermanos B or Dakota formations at Section 30 or Section 30 West mines.

Quivira will continue to dewater its Section 30 and 30 West mines as previously committed in our Nuclear Regulatory Commission (NRC) Corrective Action Plan (CAP) for remediation of the affected geologic units.

If you have any questions or need further information, please contact me at (405) 842-1773.

Sincerely,

*Bill Ferdinand*

Bill Ferdinand, Manager  
Radiation Safety, Licensing &  
Regulatory Compliance

BF/

CC: M. Freeman/File  
G. Konwinski (NRC)  
P. Luthiger  
H. Whitacre  
File