

40-8905

QUIVIRA MINING COMPANY

POST OFFICE BOX 218 • GRANTS, NEW MEXICO 87020

February 1, 1997

Certified Mail

Return Receipt Requested (P 268 360 592)

Mr. Richard Ohrbom
Groundwater Section
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

Re: Discharge Plan - 362
Old Stope Leaching
4th Quarter 1996

Dear Mr. Ohrbom,

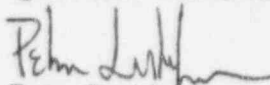
Attached is the groundwater monitoring report for the period October 1 through December 31, 1996, as required by Discharge Plan - 362. Also attached is the NRC monitor well analytical results for the same time period.

There has been no injection of chemicals since December 1991. Although discharge plan DP-362 reporting is only required if chemical solutions are used, Quivira has continued to collect and report information specified within the Discharge Plan.

If you have any questions or need additional information, please call me at 287-8851.

Regards,

QUIVIRA MINING COMPANY



Peter Luthiger
Supervisor, Radiation Safety
and Environmental Affairs

Attachments: As stated

xc: T. Fletcher
M. Freeman
J. Holonich (NRC-MD)
NRC (Arlington)
file

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PDR ADOCK 04008905
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A) Sampling Requirements

Note: All results in milligrams per liter (mg/l) except Ra_{226} and Ra_{228} which are in picocuries per liter (pCi/l). pH reported in standard units.

[illegible]

Old Stope Leaching Analytical Results
 Monitor Well 24-01
 Fourth Quarter, 1996

Date	HCO ₃ (mg/l)	CO ₃ (mg/l)	Ca (mg/l)	Na (mg/l)	SO ₄ (mg/l)	pH
03-Dec-96	193	4.0	22.5	225	358	8.4
12-Nov-96	204	< 1.0	27.6	230	358	8.4
11-Oct-96	225	< 1.0	30.1	242	394	8.1

NOTE: < value indicates less than laboratory's MDL.