

Quivira Mining Company

P.O. Box 218, Grants, NM USA 87020 (505)287-8851

October 5, 1999

Certified Mail
Return Receipt Requested (P 268 361 040)

Ms. Katherine Yuhas
Groundwater Section
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

Re: **Discharge Plan - 362**
Old Stope Leaching
2nd Quarter 1999

packet No - 40-8905

Dear Ms. Yuhas,

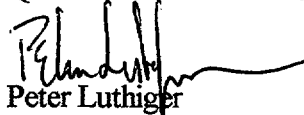
Attached is the groundwater monitoring report for the 2nd quarter of 1999 as required by Discharge Plan - 362.

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 voluntarily continued to 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

NLOS

PDN ADDN 04008905

**QUIVIRA MINING COMPANY
DISCHARGE PLAN 362**

A) Sampling Requirements

MINE	Ca	K	Mg	Na	Pb	Se	Ag	Fe	Mo	U	Ra ₂₂₆	Ra ₂₂₈	SO ₄	CO ₂	HCO ₃	Cl	pH							
																	Apr. 7	Apr. 23	May 12	May 26	Jun. 1	Jun. 23	Jun. 30	
SECT 17																								
SECT 19																								
SECT 22																								
SECT 24	430	21	131	373	<.001	.22	.009	.21	.124	26.1	150	4	1600	<2	262	490	7.2	7.1	7.8	7.1	7.2	6.9	7.8	
SECT 30																								
SECT 30W																								
SECT 33																								
SECT 35																								

Note: All results in milligrams per liter (mg/l) except Ra₂₂₆ and Ra₂₂₈ which are in picocuries per liter (pCi/l). pH reported in standard units.

Sample date: June 6, 1999.

B) Chemical Additives

LEACHING LOCATIONS	PERIOD OF LEACHING (dates)	SOLUTION RATE (gpm)	AVERAGE pH
NO LIXIVIANT INJECTION OCCURRED DURING THE 2nd QUARTER OF 1999			