

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

April 2, 2002

40-8905

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

Re: **Discharge Plan - 362**
Old Stope Leaching
1st Quarter 2002

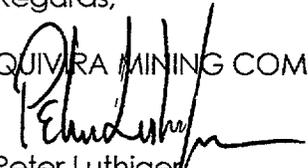
Dear Mr. Myers,

Attached is the groundwater monitoring report for the 1st quarter of 2002 as required by discharge Plan - 362. This report presents the mine extraction and injection rates as well as analytical results.

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
P. Goranson
NRC-MD (License SUA-1473, Docket 40-8905)
file

NimSSOIPublic

QUIVIRA MINING COMPANY
Discharge Plan DP-362
Monitoring Report - 1st Quarter 2002

Mine	Mine Water Extraction (gpm)			Mine Water Injection (gpm)		
	Jan-02	Feb-02	Mar-02	Jan-02	Feb-02	Mar-02
Section 17	0	0	0	0	0	0
Section 19	0	0	0	0	0	0
Section 22	0	0	0	0	0	0
Section 24	0	0	0	0	0	0
Section 30/30W	726	721	712	0	0	0
Section 33	0	0	0	0	0	0
Section 35	0	0	0	0	0	0
Totals	726	721	712	0	0	0

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Parameter	Sampling Location							
	Sec. 17	Sec. 19	Sec. 22	Sec. 24	Sec. 30/30W	Sec. 33	Sec. 35	Reservoir
Date					2/26/2002			2/26/2002
pH					6.79			7.46
Ca					358			352
K					15.7			14.8
Mg					141			148
Na					327			310
SO4					1630			1510
Cl					253			440
CO3					< 2			< 2
HCO3					305			213
TDS					3010			3040
Pb					< 0.001			< 0.002
Se					0.054			0.087
Ag					< 0.01			< 0.01
Fe					0.16			< 0.02
Mo					0.441			0.252
U					9.19			1.03
Ra-226					136			3.24
Ra-228					1.15			0.24

Notes: All values in milligrams per liter except Ra-226 and Ra-228 which is in picocuries per liter and pH which is in standard units.
Section 30/30West was only location with activity during 1st quarter 2002.