

#1944453
Project 2009

August 1, 2007
Ms. Gopa Ross
11111 Box Canyon Road
Weston, CO 81091

CERTIFIED MAIL RETURN RECEIPT REQUESTED
7006 2760 0002 4668 6695

Re: Water Well Sampling (May 9, 2007)
NESE 35 T32S, R68W
Las Animas County

Dear Ms. Ross:

I apologize for the delay in forwarding analytical results to you. Your 'old' water well was sampled on May 9, 2007 and aliquots of the water were submitted to two laboratories for various analyses. I submitted one aliquot to Paragon Analytics to be tested for explosives. The remaining aliquots were submitted to Evergreen Analytical.

I compiled and have included a summary table with results of the basic inorganic water quality tests (Attachment 1). The reports from the labs are included as Attachment 2. There were no volatile target organic compounds detected during the analysis of your well water by SW-846 method 8260. There were no semi-volatile target organic compounds detected during the analysis of your well water by SW-846 method 8270. There were no explosives target organic compounds detected during the analysis of your well water by SW-846 method 8330.

I do need your written permission to send the results on to Tom Glibota. If you provide that permission I will email him the analytical results from this round of testing.

If you have any questions or comments you can contact me at (719) 846 -3091 or peter.gintautas@state.co.us .

Sincerely,
Colorado Oil and Gas Conservation Commission Staff

Peter Gintautas
Environmental Protection Specialist
PO Box 108
Trinidad, CO 81082

Attachment 1: Summary Table
Attachment 2 Laboratory Reports

**TABLE 1
ANALYTICAL SUMMARY
Project 1922 (Molokai)
Ross Old Water Well**

Parameter	Water Well Sample		CDPHE Standards		
	Sample Date				
	09-May-07				
	Result	Unit	Domestic	Agriculture	Units
Boron	ND	mg/l	NS	0.75	mg/l
Copper	ND	mg/l	1	0.2	mg/l
Arsenic	ND	mg/l	0.05	0.1	mg/l
Barium	0.0528	mg/l	2.0		mg/l
Cadmium	ND	mg/l	0.005	0.01	mg/l
Calcium	30	mg/l	NS		
Chromium	ND	mg/l	0.1	0.1	mg/l
Iron	ND	mg/l	0.3	5	mg/l
Lead	ND	mg/l	0.05	0.1	mg/l
Magnesium	6.76	mg/l	NS		
Manganese	0.0185	mg/l	0.05	0.2	mg/l
Potassium	0.765	mg/l	NS		
Selenium	0.00524	mg/l	0.05	0.02	mg/l
Silver	ND	mg/l	0.05	NS	mg/l
Sodium	67.9	mg/l	NS		
Chloride	5.2	mg/l	250	NS	mg/l
Nitrite	ND	mg/l	1.0	10	mg/l
Nitrate	0.32	mg/l	10.0	100	mg/l
Total Nitrite/Nitrate	0.32	mg/l	10.0	100	mg/l
Fluoride	1	mg/l	4.0	NS	mg/l
Total Dissolved Solids	302	mg/l	400	*1500	mg/l
pH	7.72	No units	6.5 - 8.5	6.5 - 8.5	No units
Sulfate	77.2	mg/l	250		mg/l
Total Organic Carbon	1	mg/l	NS		
Bromide	0.083	mg/l	NS		
Total Alkalinity	155	mg/l	NS		
Bicarbonate	155	mg/l	NS		
Carbonate	ND	mg/l	NS		
Conductivity	432	umhos/cm	NS		
methane	0.047	mg/l	NS		

Notes

CDPHE Colorado Department of Public Health and the Environment.
Domestic Standards for Domestic Water Supply, Human Health and Drinking Water Standards.
Agriculture * Standards for agriculture compiled from CDPHE and other of sources.
mg/l Milligrams per liter (equals parts per million).
CDPHE Standards Water Quality Control Commission 5 CCR 1002-41, Regulation No. 41 - The Basic Standards For Groundwater.
umhos/cm micromhos per centimeer
NA Not analyzed.
ND Not detected.
NS No Standard.
****** Health Advisory.
Human health standard.
Secondary standard.