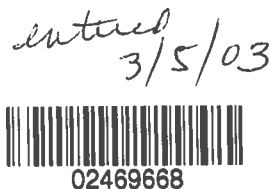


Green Analytical Laboratories, Inc.  
75 Suttle Street  
Durango, CO 81303



#714  
Project 596

OS- 067-08667  
Lic # 326670

Pure Resources  
463 Turner Dr, #101  
Durango, CO 81301  
Attention: Jim Bonaventura

GAL I.D.: 302-025-01

Date Received: 02/10/03

Date Reported: 02/21/03

QC Batches:

**PROJECT NAME:** Mason 2-4  
**PROJECT NUMBER:** 021003-1  
**SAMPLE I.D.:** Marilyn Reed (Post)


Sample Date: 02/10/03

Sample Matrix: Water

## Laboratory Report

### RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	Maximum Contamination Level
		LIMIT	RESULT			
Alkalinity as CaCO <sub>3</sub>	2320B	10	246	1	mg/L	
Bicarbonate as CaCO <sub>3</sub>	2320B	10	226	1	mg/L	
Carbonate as CaCO <sub>3</sub>	2320B	10	20	1	mg/L	
Hydroxide as CaCO <sub>3</sub>	2320B	10	<10	1	mg/L	
Calcium	200.7	0.5	4.2	1	mg/L	
Chloride	4500CL	10	11	1	mg/L	
Conductivity	120.1	1.0	576	1	uS/cm	
Fluoride	4500F C	0.2	1.5	1	mg/L	4.0
Iron	200.7	0.2	<0.2	1	mg/L	
Magnesium	200.7	0.5	<0.5	1	mg/L	
Nitrate/Nitrite as N	353.2	0.02	0.06	1	mg/L	
pH	150.1	NA	8.77	NA	SU	
Potassium	200.7	0.5	<0.5	1	mg/L	
Selenium	3114B	0.001	<0.001	1	mg/L	0.05
Sodium	200.7	0.5	134	1	mg/L	
Sulfate	4500SO <sub>4</sub>	10	43	1	mg/L	
TDS	160.1	10	325	1	mg/L	
Hardness, as CaCO <sub>3</sub>	Calc	10	11	1	mg/L	
CAB	Calc		3.47		%	

  
John Green, Laboratory Manager

entered  
3/5/05

11D 714  
Project 596

Domestic Water Well Test  
Pure Resources  
Water Well Test Report

021003-1  
FCG\_

Marilyn Reed (Posttest)  
NAME

NO 714  
BLM\_

2/10/2003  
DATE

970-259-1858  
TELEPHONE\_

925 Oso Grande Durango, Co 81303  
AddressWaterWell

Same  
MAILINGADD

Water Well Location and Permit Information

Unable to find  
PERMIT\_ WELLDEPTH Feet

Unknown  
STATICWATE Feet

NE (NUL)  
QTRQTR

2  
SECTION

34  
TOWNSHP

North

9  
RANGE

West

-107.81370  
LONG

37.23920  
LATITUDE

Mason #2-4  
Gas Well Name

NE Sec 2 T34N R9W (NUL)  
LocationGas Well

Field Chemistries

8.74  
PH\_FIELD

555  
COND\_FIELD

346  
TDS\_CALC

10.1  
H2O\_TEMP

Celsius

Methane Result in mg/L

<0.0005  
CH4\_MG\_L

Detection Limit 0.0005 mg/L

Hydrogen sulfide(HACH Test Kit Field)

<0.1 mg/L  
H\_2\_S\_MG\_L

0.1 mg/L Det.Limit

San Juan Basin Health-State of Colorado Health Dept

Present-Notified  
BACTERIA\_E

See attached report

POSTTEST. Water clear, no odor, no tint, no bubbles, no sand or sediment. Researched DOWR permit dbase.  
Unable to find per # and depth. Will attempt further research.

COMMENTS

Four Corners Geoscience conducted onsite field chemistries, observation of physical characteristics of water while pumping system to receive a fresh aquifer sample. Water samples were collected and delivered to EPA quality assured lab for analysis. Water samples for bacterial analysis were collected and delivered to San Juan Basin Health in Durango, CO. Samples for headspace gas analysis were taken to FCG lab and run less than 24 hours per USGS standard and methods for these analysis. Four Corners Geoscience is not liable for the results of these analysis and recommends referral to specialists in the field or water treatment. All methods are conducted in accordance with the requirements for this groundwater monitoring program in La Plata Colorado and COGCC Order Numbers 112-156 and 112-157 July 2000

# 714



LABORATORY & RADIATION SERVICES  
8100 LOWRY BOULEVARD  
DENVER, CO 80230-6928

US MAIL  
PO BOX 17123  
DENVER, CO 80217

# WATER BACTERIOLOGY

TO BE BILLED  
*paid by*

SAMPLE INFORMATION: ☐ COMMUNITY ☐ NON-COMMUNITY ☒ PRIVATE  
☐ ROUTINE ☒ RAW ☐ REPEAT FOR THE MONTH OF  
☐ SPECIAL PURPOSE ☐ FINISHED  
PWS ID:   
NAME OF SYSTEM: *Manlyne Road* MG/L  
ADDRESS: *925050 Grande* CITY: *By* COUNTY: *CD81301*  
ORDERED BY: (SAMPLE MAY NOT BE TESTED IF ALL INFORMATION IS NOT PROVIDED)

DATE TIME BY  
COLLECTED *2/10/03* ☐ AM ☒ PM *46*  
RECEIVED *11* ☐ AM ☐ PM

RESULTS: SEE REVERSE FOR EXPLANATION  
TOTAL COLIFORM ☒ PRESENT ☐ ABSENT

MOST PROBABLE NO. COLIFORM/100ML

*No E. coli found*  
FEB 10 '03 15:05 2365

FEE STAMP

PHONE  
NAME: *Four Corners Geoscience*  
ADDRESS: *P.O. Box 4224*  
CITY / STATE / ZIP: *Durango, CO 81302*  
TEST ORDERED ☒ STD BACT. ☐ OTHER

☐ DENVER ☒ DURANGO ☐ GRD. JC  
ANALYST: *CD*

LAB 106 (07/97)

## EXPLANATION OF RESULTS

Coliform absent: less than 1.1 (<1.1) indicates a safe sample.

Coliform present: Unsafe Sample, greater than or equal to 1 coliform per 100 ml; water should be treated and retested.

TNTC - Too Numerous To Count: The test plate contained more than 200 bacterial colonies other than coliform. Coliform bacterial growth may have been inhibited. The water supply may be unsafe. Treat and retest.

TNTC - Too Numerous To Count with coliform present: Same as above, but with coliform bacteria present. The presence of other bacteria prevents an accurate coliform count. Water supply is unsafe. Treat and retest.

Confluent Growth: The test plate was covered with bacterial growth. Coliform bacteria growth may have been inhibited. The water supply may be unsafe. Treat and retest.

Confluent Growth with Coliform Present: Same as above, but with coliform bacteria present. The presence of other bacteria prevents an accurate coliform count. Water supply is unsafe. Treat and retest.

Outdated Samples: Sample greater than 48 hours old when received. Please resample.

QNS: Quantity not sufficient for testing. Please resample.

Overfilled: Unsatisfactory, laboratory cannot process accurately. Please resample.