

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

entered
 3/5/03



02469668

#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 ₃	2320B	10	246	1	mg/L	
Bicarbonate as CaCO ₃	2320B	10	226	1	mg/L	
Carbonate as CaCO ₃	2320B	10	20	1	mg/L	
Hydroxide as CaCO ₃	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	4500SO4	10	43	1	mg/L	
TDS	160.1	10	325	1	mg/L	
Hardness, as CaCO ₃	Calc	10	11	1	mg/L	
CAB	Calc		3.47		%	


 John Green, Laboratory Manager

entered 3/5/05

IID 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 PERMIT_ to find 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 self

SAMPLE INFORMATION: COMMUNITY NON-COMMUNITY PRIVATE

ROUTINE RAW REPEAT FOR THE MONTH OF

SPECIAL PURPOSE FINISHED

PWS ID: [] [] [] [] [] [] [] [] [] []

Manlynn Reed MGL

NAME OF SYSTEM: *925050 Grande Ridge* CHLORINE RESIDUAL *0.81301*

ADDRESS: [] CITY: [] COUNTY: []

ORDERED BY: (SAMPLE MAY NOT BE TESTED IF ALL INFORMATION IS NOT PROVIDED)

FEE STAMP

PHONE: []

NAME: *Four Corners Geoscience*

ADDRESS: *P.O. Box 4224*

CITY / STATE / ZIP: *Durango, CO 81302*

TEST ORDERED: STD BACT. OTHER

LAB 106 (07/97)

DATE: *2/10/03* TIME: [] BY: *ck*

COLLECTED: [] 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

DENVER DURANGO GRD. JC

ANALYST: *ck*

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.