



02469669

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

05-067-08667
Loc # 326670

IID 713
Project 596
entered 3/9/03

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

GAL I.D.: 302-025-02

Date Received: 02/10/03

Date Reported: 02/21/03

QC Batches:

PROJECT NAME: Mason 2-4
PROJECT NUMBER: 021003-2
SAMPLE I.D.: J.D. Feuquay (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	252	1	mg/L	
Bicarbonate as CaCO ₃	2320B	10	228	1	mg/L	
Carbonate as CaCO ₃	2320B	10	24	1	mg/L	
Hydroxide as CaCO ₃	2320B	10	<10	1	mg/L	
Calcium	200.7	0.5	2.6	1	mg/L	
Chloride	4500CL	10	25	1	mg/L	
Conductivity	120.1	1.0	636	1	uS/cm	
Fluoride	4500F C	0.2	2.7	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	0.03	1	mg/L	
pH	150.1	NA	8.87	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	147	1	mg/L	
Sulfate	4500SO4	10	48	1	mg/L	
TDS	160.1	10	355	1	mg/L	
Hardness, as CaCO ₃	Calc	10	<10	1	mg/L	
CAB	Calc		1.15		%	


John Green, Laboratory Manager

713
Project 596
entered 3/5/03

Domestic Water Well Test
Pure Resources
Water Well Test Report

713
IID(COGCC)

021003-2
FCG_

J.D. Feuquay(Posttest)
NAME

2/10/2003
DATE

970-385-1889
TELEPHONE_

368 Oso Grande Durango, Co 81301
AddressWaterWell

Same
MAILINGADD

Water Well Location and Permit Information

179636 180 Feet 35 Feet
PERMIT_ WELLDEPTH_ STATICWATE_

NWSE 2 34 North 9 West
QTRQTR SECTION TOWNSHP RANGE

-107.82037 37.23292
LONG LATITUDE

Mason #2-4
Gas Well Name

NE Sec 2 T34N R9W (NUL)
LocationGas Well

Field Chemistries

8.82 600 375 9.3 Celsius
PH_FIELD COND_FIELD TDS_CALC H2O_TEMP

Methane Result in mg/L 0.217 Detection Limit 0.0005 mg/L
CH4_MG_L

Hydrogen sulfide(HACH Test Kit Field) <0.1 mg/L 0.1 mg/L Det.Limit
H_2_S_MG_L

San Juan Basin Health-State of Colorado Health Dept ABSENT See attached report
BACTERIA_E

Water clear,very veryslight "S" odor.No tint, no bubbles, no sand or sediment.Posttest

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

713



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

US MAIL
PO BOX 17123
DENVER, CO 80217

**WATER
BACTERIOLOGY**

1000
paid by 1445

SAMPLE INFORMATION: ☐ COMMUNITY ☐ NON-COMMUNITY ☒ PRIVATE
☐ ROUTINE ☒ RAW ☐ REPEAT FOR THE MONTH OF
☐ SPECIAL PURPOSE ☐ FINISHED
S/D *G D Gueguay* MG/L
NAME OF SYSTEM: _____ CHLORINE RESIDUAL _____
ADDRESS _____ CITY _____ COUNTY _____
ORDERED BY: (SAMPLE MAY NOT BE TESTED IF ALL INFORMATION IS NOT PROVIDED)

FEE STAMP

PHONE _____
NAME *Symon To 4 Corners Geo*
ADDRESS *P.O. Box 4224*
CITY / STATE / ZIP *Durango CO 81302*
TEST ORDERED ☒ STD BACT. ☐ OTHER _____

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

RESULTS: SEE REVERSE FOR EXPLANATION
TOTAL COLIFORM ☐ PRESENT ☒ ABSENT
MOST PROBABLE NO. _____ COLIFORM/100ML

FEB 10 '03 15:05 2364

☐ DENVER ☒ DURANGO ☐ GAD. JCT.
ANALYST *ED*

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.