



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 CaCO3	2320B	10	252	1	mg/L	
Bicarbonate as CaCO3	2320B	10	228	1	mg/L	
Carbonate as CaCO3	2320B	10	24	1	mg/L	
Hydroxide as CaCO3	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 CaCO3	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 PERMIT_ 180 WELLDEPTH Feet 35 STATICWATE Feet

NWSE QTRQTR 2 SECTION 34 TOWNSHP North 9 RANGE West

-107.82037 LONG 37.23292 LATITUDE

Mason #2-4 Gas Well Name NE Sec 2 T34N R9W (NUL) LocationGas Well

Field Chemistries

8.82 PH_FIELD 600 COND_FIELD 375 TDS_CALC 9.3 H2O_TEMP Celsius

Methane Result in mg/L 0.217 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 ABSENT BACTERIA_E See attached report

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

DUPLICATE
paid by 144/5

AMPLE INFORMATION: COMMUNITY NON-COMMUNITY PRIVATE

IS ID: ROUTINE RAW REPEAT FOR THE MONTH OF _____
 SPECIAL PURPOSE FINISHED

NAME OF SYSTEM: G. D. Guigay CHLORINE RESIDUAL _____ MG/L

ADDRESS _____ CITY _____ COUNTY _____

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

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

FEE STAMP

PHONE _____

NAME Sign to 4 Corners Geo

ADDRESS P.O. Box 4224

CITY / STATE / ZIP Durango CO 81302

TEST ORDERED STD BACT. OTHER _____

DENVER DURANGO GRAD. JCT.

ANALYST CO

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.