



02469617

05-067-08367

326595

067-08340

333386

IID 1166 entered 4/16/03



GAL ID No.: 7-203-065-01

April 26, 2002

Sagle & Schwab
PO Box 2677
Durango, CO 81302
Attention: Bob Sagle

067-08367 & 067-08340

Project Name: Broome 33-7 #30-2 & Fassett 33-7 #31-2
Project Number: 032602-4
Date Received: 03/26/02

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, and Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020.

Samples were received by Green Analytical Laboratories, Inc. in good condition on 03/26/02.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

John Green
Laboratory Director

maneu - please check to see if this is Lynn Fehner's H2O well sampling. Can we compare to "pre-dilling" analysis? File in new Broome Fassett files.

Bob

Enclosure

sent to Brown 5/20/02

IID 166
entered
4/16/03

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

Sagle & Schwab
PO Box 2677
Durango, CO 81302
Attention: Bob Sagle

GAL I.D.: 7-203-065-01
Date Received: 03/26/02
Date Reported: 04/26/02

QC Batches:

PROJECT NAME: Broome 33-7#30-2 & Fassett 33-7 #31-2
PROJECT NUMBER: 032602-4
SAMPLE I.D.: J. Paul & Debbie Brown (Post)

Sample Date: 03/26/02
Sample Matrix: Water

Laboratory Report

RESULTS

PARAMETER	METHOD	REPORT			DIL	UNITS	Maximum Contamination Level
		LIMIT	RESULT				
Alkalinity, Total	2320B	10	248	1	mg/L		
Alkalinity, Bicarbonate	2320B	10	248	1	mg/L		
Alkalinity, Carbonate	2320B	10	<10	1	mg/L		
Alkalinity, Hydroxide	2320B	10	<10	1	mg/L		
Calcium	200.7	0.5	115	1	mg/L		
Chloride	4500CL	10	294	1	mg/L		
Conductivity	120.1	1.0	3180	1	uS/cm		
Fluoride	4500F C	0.2	0.8	1	mg/L	4.0	
Iron	200.7	0.05	<0.05	1	mg/L		
Magnesium	200.7	0.5	17.7	1	mg/L		
Nitrate/Nitrite as N	353.2	0.05	Attached	1	mg/L		
pH	150.1	NA	7.88	NA	SU		
Potassium	200.7	0.5	3.2	1	mg/L		
Selenium	3114B	0.001	2.03	100	mg/L	0.05	
Sodium	200.7	0.5	588	1	mg/L		
Sulfate	4500SO4	10	920	1	mg/L		
TDS	160.1	10	2140	1	mg/L		
Hardness	Calc	14	360	1	mg/L		
CAB	Calc		2.02		%		


John Green, Laboratory Manager

SVL ANALYTICAL, INC.

One Government Gulch ■ P.O. Box 929 ■ Kellogg, Idaho 83837-0929 ■ Phone: (208)784-1258 ■ Fax: (208)783-0891

IID 166
entered 4/16/03

CLIENT : Green Analytical Laboratories, PROJECT: GA02-003 CLIENT SAMPLE ID: J.PAUL BROWN Sample Collected: 3/26/02 13:22 Sample Receipt : 4/11/02 Date of Report : 4/23/02	SVL JOB: 101351 SAMPLE: 295178 Matrix: WATERG
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Determination	Result	Units	Dilution	Method	Analyzed
NO2+NO3-N	22.4	mg/L		353.2	4/23/02

Reviewed By: Blake Johnson Date 4/23/02
4/23/02 15:35

11D 166
entered
4/16/03

S & G Interests
Groundwater Monitoring

JPaul& Debbie Brown (Post test) 3/26/2002 166 032602-4 Unavail
NAME DATE BLM_ FCG_ Permit#_

1776 CR 319 Ignacio, CO 81137 P.O. Box 178 Ignacio, CO 81137 970-563-4453
AddressWaterWell MAILINGADD TELEPHONE_

Water Well Location and Permit Information

200 Feet 12 unk
WELLDEPTH STATICWATE FTG

-107.66041 37.07411
LONG LATITUDE

Garmin GPS Decimal Degrees

NENESE 25 33 North 8 West
QTRQTR SECTION TOWNSHP RANGE

Broome33-7;30-2Fasset33-7;31-2 Sec 31 T33N R7W
NUMBER LocationGasWell

Field Chemistries

7.74 2580 1613 15.5 Celsius
PH_FIELD COND_FIELD TDS_CALC H2O_TEMP

Water samples were collected and delivered to Acculab in Durango, Colorado for Package 1 analysis and NO2NO3, Selenium and Fluoride

Methane Result in mg/L <0.0004 mg/L Detection Limit 0.0004 mg/L
CH4_MG_L

Hydrogen sulfide(HACH Test Kit Field) <0.1 mg/L Detection Limit 0.1 mg/L
H2S_MG_L

San Juan Basin Health-State of Colorado Health Dept Test ABSENT
BACTERIA_E

Several attempts to conduct postwater test since 1/31/02. Faucet direct from well-frozen. All other faucets off softener. Water clear, slight metallic or acid odor. Trace sediment in bucket at beginning. No bubbles

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 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 per Colorado Oil and Gas Conservation Commission Order # 112-156 and 112-157 established in July 2000.



Colorado Department of Public Health and Environment

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

US MAIL
PO BOX 17123
DENVER, CO 80217

To Be Watered
BACTERIOLOGY

SGZ
Broom 33-7# 30-2
Fausch 33-7# 31-2

SAMPLE INFORMATION: COMMUNITY NON-COMMUNITY PRIVATE

PWS ID: [] [] [] [] [] [] ROUTINE RAW REPEAT FOR THE MONTH OF

SPECIAL PURPOSE FINISHED

DATE TIME BY

COLLECTED 3 20 02 1328 AM PM

RECEIVED 3 26 02 4 30 AM PM *ca*

NAME OF SYSTEM *J Paul Brown* CHLORINE RESIDUAL *0.1* MG/L

ADDRESS *PO Box 178* CITY *Tanner* COUNTY *LADIMA*

RESULTS: SEE REVERSE FOR EXPLANATION

TOTAL COLIFORM PRESENT ABSENT

MOST PROBABLE NO. _____ COLIFORM/100ML

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

FEE STAMP

PHONE _____

NAME *Lynn P FC Geo*

ADDRESS *PO Box 4229*

CITY / STATE / ZIP *Deo Co 81302*

TEST ORDERED STD BACT. OTHER _____

DENVER DURANGO GRD. JCT.

ANALYST *ca*

LAB 106 (07/97)

729321 14-22

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.