



April 30, 2022

Doug Olson
3372 Route 30
Cornwell, VT 05753

ATTN: Mike & Doug

On 4/12/22, a well test was conducted on a well Lot 5 Brush Creek Village. The following information was obtained;

Well Depth-----	140'
Casing Size-----	(7 x 5)"
Standing water level-----	85.5'
Total test time-----	4 Hours
Drawdown to -----	99.3'
Production is -----	20 GPM

This test was conducted with test pump. The well water level recovered back to 95.55' in 60 Minutes. If you have any questions please call me, Raun Samuelson at 970-945-6309.

Sincerely;

Raun E Samuelson
Samuelson Pump Co.

STANDARD BACTERIOLOGICAL WATER TEST
SNOWMASS WATER & SANITATION DISTRICT
P.O. BOX 5700 - SNOWMASS VILLAGE, CO 81615

PWS ID# _____ Sample Location Lot 5 Brush Ck Village

SAMPLE TAKEN:
DATE 4/18/22 TIME 1:00 NAME OF SUPPLY Well

COUNTY pitkin SAMPLER _____ CHLORINE RESIDUAL _____ MGA. _____

pH _____ TEMP _____

- () COMMUNITY SUPPLY () ROUTINE DISTRIBUTION SYSTEM SUPPLY
- () NON COMMUNITY () CHECK SAMPLE () PROCESS WATER
- () OTHER PUBLIC () RAW AS GROUND () SURFACE
- () PRIVATE () SPECIAL PURPOSE SAMPLE

**NOTE: IF ALL INFORMATION IS NOT SUPPLIED, THE SAMPLE WILL BE DISCARDED.
SEE REVERSE FOR TIME LIMITATIONS, SAMPLING INSTRUCTIONS AND DEFINITIONS.

REMARKS:
PHONE/EMAIL Susan@senpump@yahoo.com
RETURN TO Susan@senpump
ADDRESS PO Box 204 Glenwood
CITY-STATE Glenwood Springs Co. 81602

10.0

ANALYST/START TW UNSUITABLE FOR TEST
ANALYST/FINISH TW

RESULTS

COLILERT 18-hour test
COLIFORM ABSENT PRESENT
E.COLI ABSENT PRESENT

LT2 Rule
COLIFORM MPN _____
E.COLI MPN _____

DO NOT WRITE IN THIS SPACE
DATE 4/18/22 TIME 1:56pm RECEIVED
DATE 4-18-22 TIME 15:15 ON TEST

RESULTS GREATER THAN ONE COLIFORM PER 100 ML INDICATES NON-COMPLIANCE WITH MINIMUM DRINKING WATER STANDARDS
BOTTLE # 418

JOHN C. KEPHART & CO.
GRAND JUNCTION LABORATORIES

435 NORTH AVENUE ♦ PHONE: (970) 242-7618 ♦ FAX: (970) 243-7235 ♦ GRAND JUNCTION, COLORADO 81501

— ANALYTICAL REPORT —

Received from: Samuelson Pump
 PO Box 297
 Glenwood Springs CO 81602

Customer No. _____ Laboratory No. 0700 Sample water

Date Received 4/19/22 Date Reported 4/26/2022

Lab number	0700	Limits for Drinking Supplies
Sample ID	Lot 5 Brush Ck Village Sub.	by Colo. Dept. Health
	4/18/ 1:00 Brady	
Arsenic(As)	0.000 mg/l	0.01 mg/l
Barium(Ba)	0.19 mg/l	2.0 mg/l
Cadmium(Cd)	0.0000 mg/l	0.005 mg/l
Chromium(Cr)	0.000 mg/l	0.1 mg/l
Fluoride(F)	0.07 mg/l	4 mg/l
Lead(Pb)	0.002 mg/l	0.015 mg/l
Mercury(Hg)	0.00000 mg/l	0.002 mg/l
Nitrate(N)	0.07 mg/l	10.0 mg/l
Selenium(Se)	0.000 mg/l	0.05 mg/l
Silver(Ag)	0.0000 mg/l	0.05 mg/l
Color(Co/Pt unit)	2	15
pH	7.11	6.5-8.5 is acceptable
Conductivity@25 deg. C	2,430 umhos/cm	no official limit
Sodium(Na)	190 mg/l	20 mg/l
Calcium(Ca)	212 mg/l	no official limit
Magnesium(Mg)	92 mg/l	125 mg/l
Potassium(K)	4.1 mg/l	no official limit
Chloride(Cl)	14 mg/l	250 mg/l
Sulfate(SO4)	888 mg/l	250 mg/l
Phenol. Alkalinity(CaCO3)	0 mg/l	no official limit
Total Alkalinity(CaCO3)	400 mg/l	no official limit
Bicarbonate(HCO3)	484 mg/l	no official limit
Carbonate(CO3)	0 mg/l	no official limit
Dissolved Solids	1,760 mg/l	500 mg/l
Hardness (CaCO3)	906 mg/l	200 mg/l
Turbidity(NTU)	1.2 NTU	1 NTU
Boron(B)	0.00 mg/l	no official limit
Copper(Cu)	0.007 mg/l	1.3 mg/l
Iron(Fe)	0.32 mg/l	0.3 mg/l
Manganese(Mn)	0.091 mg/l	0.05 mg/l
Molybdenum(Mo)	0.000 mg/l	no official limit
Ammonia(N)	2.03 mg/l	no official limit
Phosphate(P)	0.00 mg/l	no official limit
Zinc(Zn)	0.038 mg/l	5.0 mg/l

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NOTES on sample # 0700
Lot 5 Brush Ck Village Sub.
4/18/ 1:00 Brady

Public drinking water supply limits are given for reference. Tested parameters exceeding the limits are as follows:
The limit for hardness was exceeded and scale formation can be expected along with a lesser effectiveness of soaps.
Dissolved solids was over the recommended limit, which contributes to a salty taste and indicates deposits.
The turbidity is over the limit and turbidity can interfere with disinfection.
Iron was present at a concentration greater than the limit. Iron can cause staining and a metallic taste.
Manganese is high which can cause yellow to black staining.
Sodium concentration was over the limit; 190 milligrams dietary sodium per each liter (about a quart).

A high sulfate may cause gastrointestinal problems in those sensitive.

Not all factors which might be harmful were tested, but the analysis performed covers many common problems.
For more information regarding drinking water safety, call the EPA Safe Drinking Water Hotline at 1-800-426-4791.