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NH ELAP Accreditation #NH1005
 Maine State Certification #NH01005
 Vermont State Certification # VT1005
 Maine Radon Certification # ME17500

Report of Analysis

Customer: Gilford Well Co., Inc.
Client Sample ID: Trinka, Georgia, #20-37
Laboratory ID: 120020269.01
Sample Matrix: Drinking Water
Sample Location: 1168 New Hampton Road, Sanbornton, NH (Untreated)

Date Collected: 02/04/2020 01:45 PM
Collected By: Gilford Well
Date Received: 02/04/2020 03:55 PM
Temperature Rec'd °C: #11.4

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	Absent	Absent	/100mL	02/04/2020 16:15	SM 9223B	Primary	Within EPA Standard
E. coli Bacteria	Absent	Absent	/100mL	02/04/2020 16:15	SM 9223B	Primary	Within EPA Standard
Nitrate-N	<1.0	10	mg/L	02/04/2020 16:50	SM 4500 NO3 D	Primary	Within EPA Standard
Fluoride	0.98	4.0	mg/L	02/05/2020 11:15	SM 4500F-C	Primary	Within EPA Standard
Arsenic	0.004	0.010	mg/L	02/04/2020 22:42	EPA 200.8	Primary	Within EPA Standard
Chloride	6	250	mg/L	02/05/2020 09:25	SM 4500Cl-B	Secondary	Within EPA Standard
pH	8.02	6.5-8.5	SU	02/05/2020 10:17	SM 4500H B	Secondary	Within EPA Standard
Iron	0.122	0.300	mg/L	02/04/2020 22:42	EPA 200.8	Secondary	Within EPA Standard
Manganese	<0.010	0.050	mg/L	02/04/2020 22:42	EPA 200.8	Secondary	Within EPA Standard
Sodium	8.8	N/A	mg/L	02/04/2020 22:42	EPA 200.8	N/A	No EPA Limit
Total Hardness	48	N/A	mg/L	02/04/2020 22:42	SM 2340B	N/A	No EPA Limit
Radon	<300	See Note	pCi/L	02/05/2020 00:02	SM 7500	N/A	No EPA Limit

RADON NOTE: There is currently no legal or regulatory limit for radon in water. The EPA has a proposed limit of 4000 pCi/L. Maine and Vermont have recommended limits of 4000 pCi/L, and Massachusetts 10,000 pCi/L. New Hampshire DES recommends treatment for levels above 10,000 pCi/L, or above 2000 pCi/L if Radon in Air levels exceed 4 pCi/L. More information can be found at www.epa.gov/radon.

Test Types: EPA Primary: Regulated by the EPA as a health related parameter
 EPA Secondary: Aesthetic parameter - not regarded as a health concern

Respectfully Submitted



Andrew Nelson, Laboratory Director

Notes: mg/L=ppm; ug/L=ppb; ng/L=ppt, "<" denotes "less than". This report of analysis may not be modified in any way, or reproduced except in full, without written approval from Nelson Analytical, LLC. Results reported above relate only to samples as submitted, unless specifically noted otherwise. Nelson Analytical, LLC is currently accredited by the New Hampshire Environmental Lab Accreditation Program, the Vermont Laboratory Accreditation Program, the Massachusetts Laboratory Certification Program and the Maine Laboratory Accreditation Program. For a list of current accredited tests, please visit the websites listed below. Sampling performed by the lab is according to the lab document "Water Sampling Instructions". EPA standards list pH & Chlorine as field parameters which should be tested immediately upon sample collection. Samples tested for pH after submission are beyond the hold time. Samples will be analyzed as quickly as laboratory operations allow. Metals samples may be analyzed the same day they are received. #=Sample(s) received at laboratory do not meet method specified temperature criteria.

Subcontract Laboratories: SUB2: Nelson Analytical Maine NH2018 SUB 7; Nelson Analytical EAI Div. NH1007; SUB4: NH2073/2239, SUB5: NH2530, SUB8: NH2136, SUB9: NH2557

<http://des.nh.gov/organization/divisions/water/dwgb/nhelap/>
http://healthvermont.gov/enviro/ph_lab/PublicHealthLaboratory.aspx
<https://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml>
<https://www.mass.gov/certified-laboratories>

