NELSON ANALYTICAL LAB

RP210811022

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REPORT OF ANALYSIS

Laboratory ID: 221080279

NH ELAP Accreditation #NH2018
Maine State Certification # ME00015
Maine Radon Certification # ME17500

Client Name: Weber, Judy

Date Reported : 08/11/2021

Client Sample ID: Weber, Judy
Laboratory ID: 221080279.01
Sample Location: 576 Alfred Rd, Kennebunk, ME - Untreated
Sample Matrix : Dug Well Water

Date Collected: 08/10/2021 11:00 AM
Collected By : J.Weber
Date Received : 08/10/2021 11:25 AM
Temperature Rec'd °C: 11.5#

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	Absent	Absent	/100mL	08/10/2021 13:45	SM 9223B	Primary	Within EPA Standard
E. coli Bacteria	Absent	Absent	/100mL	08/10/2021 13:45	SM 9223B	Primary	Within EPA Standard
Nitrate-N	1.4	10	mg/L	08/10/2021 16:31	SM 4500 NO3	Primary	Within EPA Standard
Nitrite-N	<0.01	1.0	mg/L	08/10/2021 16:44	SM 4500 NO2B	Primary	Within EPA Standard
Fluoride	<0.20	4.0	mg/L	08/10/2021 16:28	SM 4500F-C	Primary	Within EPA Standard
Arsenic	<0.0010	0.0100	mg/L	08/11/2021 08:38	EPA 200.8	Primary	Within EPA Standard
Lead	0.002	0.015	mg/L	08/11/2021 08:38	EPA 200.8	Primary	Within EPA Standard
Copper	0.153	1.30	mg/L	08/11/2021 08:38	EPA 200.8	Primary	Within EPA Standard
Chloride	80	250	mg/L	08/10/2021 16:27	SM 4500Cl-B	Secondary	Within EPA Standard
pH	**6.29**	6.5-8.5	SU	08/10/2021 16:20	SM 4500H B	Secondary	**Outside EPA Standard**
Iron*	<0.050	0.300	mg/L	08/11/2021 08:38	EPA 200.8	Secondary	Within EPA Standard
Manganese	<0.010	0.050	mg/L	08/11/2021 08:38	EPA 200.8	Secondary	Within EPA Standard
Conductance	340	N/A	umhos/cm	08/10/2021 16:20	SM 2510B	N/A	No EPA Limit
Alkalinity	<20	N/A	mg CaCO3/L	08/10/2021 16:27	SM 2320B	N/A	No EPA Limit
Sodium*	49	N/A	mg/L	08/11/2021 08:38	EPA 200.8	N/A	No EPA Limit
Total Hardness*	13	N/A	mg/L	08/11/2021 08:38	SM 2340B	N/A	No EPA Limit

NH ARSENIC NOTE: NH Department of Environmental Services (DES) has established a state Maximum Contaminant Level (MCL) for arsenic of 5 ppb (0.005 mg/L), which will take effect on July 1, 2021, for all NH public water systems. The current federal MCL for arsenic is 10 ppb (0.010 mg/L). For more information:https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/dwgb-3-2.pdf

PRIMARY: Regulated by the EPA as a health related parameter SECONDARY: Aesthetic parameter - not regarded as a health concern
Tests marked with an * indicate parameters not accredited by the State of Maine. These parameters are accredited under our NH ELAP accreditation

Respectfully Submitted Lorri Maling

Lorri Maling, Laboratory Director

Pd Chase credit card
#125.00
8-12-21

Well water tested

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 preserved and analyzed on the same day do not meet the method criteria. #-Sample(s) received at laboratory do not meet method specified temperature criteria.
Solid samples are reported on a dry weight basis unless noted otherwise.
Subcontract Laboratories: SUB1: Nelson Analytical Manchester (NH1005) ME-NH01005 SUB 2: (NH 2136) (ME-CT00007),SUB3: (NH2001) (ME00019), SUB 4: NH2073 SUB5: (NH2530) (ME FL00117), SUB7: EAI Analytical (NH 1007),SUB 8: ME00002 SUB9: (NH2516) (MA00100)

Date: 08/11/2021