May 2024

NELSON ANALYTICAL LAB

RP240507009

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REPORT OF ANALYSIS

Laboratory ID: 224050134

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

Client Name: Crowe, Mary-Ellen T.

Date Reported : 05/07/2024

Client Sample ID: Crowe, Mary-Ellen
Laboratory ID: 224050134.01
Sample Location: 79 Oak Ridge Rd, Kennebunkport, ME - Treated
Sample Matrix : Drilled Well Water

Date Collected: 05/06/2024 09:50 AM
Collected By : M.E. Crowe
Date Received : 05/06/2024 10:40 AM
Temperature Rec'd °C: 14.0#

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	Absent	Absent	/100mL	05/06/2024 12:51	SM 9223B	Primary	Within EPA Standard
E. coli Bacteria	Absent	Absent	/100mL	05/06/2024 12:51	SM 9223B	Primary	Within EPA Standard
Nitrate-N	<1.0	10	mg/L	05/06/2024 16:00	SM 4500 NO3	Primary	Within EPA Standard
Nitrite-N	<0.01	1.0	mg/L	05/06/2024 17:07	SM 4500 NO2B	Primary	Within EPA Standard
Fluoride	0.55	4.0	mg/L	05/06/2024 16:36	SM 4500F-C	Primary	Within EPA Standard
Arsenic	<0.0010	0.0100	mg/L	05/06/2024 19:33	EPA 200.8	Primary	Within EPA Standard
Lead	<0.001	0.015	mg/L	05/06/2024 19:33	EPA 200.8	Primary	Within EPA Standard
Copper	<0.010	1.30	mg/L	05/06/2024 19:33	EPA 200.8	Primary	Within EPA Standard
Chloride	20	250	mg/L	05/06/2024 11:41	SM 4500Cl-B	Secondary	Within EPA Standard
pH	7.36	6.5-8.5	SU	05/06/2024 11:35	SM 4500H B	Secondary	Within EPA Standard
Iron*	0.12	0.300	mg/L	05/06/2024 19:33	EPA 200.8	Secondary	Within EPA Standard
Manganese	<0.010	0.050	mg/L	05/06/2024 19:33	EPA 200.8	Secondary	Within EPA Standard
Conductivity	280	N/A	umhos/cm	05/06/2024 11:35	SM 2510B	N/A	No EPA Limit
Alkalinity	100	N/A	mg CaCO3/L	05/06/2024 11:44	SM 2320B	N/A	No EPA Limit
Sodium*	58	N/A	mg/L	05/06/2024 19:33	EPA 200.8	N/A	No EPA Limit
Total Hardness*	<4.0	N/A	mg/L	05/06/2024 19:33	SM 2340B	N/A	No EPA Limit
✳ Radon	1020	See Note	pCi/L	05/07/2024 03:11	SM 7500	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

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 treatement 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.

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

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. #L-Sample(s) received in lobby and it was unable to be verified if they were in a cooler or on ice at receipt.
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: 05/07/2024