

Report of Analysis

Customer Name: Prospect Property Inspections
Client Sample ID: Dean, Gaylee
Laboratory ID: 123070298.01
Sample Matrix : Drilled Well Water
Sample Location: 22 Mills Falls Road, Barrington, NH

Date Collected: 07/05/2023 12:30 PM
Collected By : Prospect
Date Received : 07/06/2023 10:15 AM
Temperature Rec'd °C: #18.7

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Total Coliform Bacteria	Absent	Absent	/100mL	07/06/2023 11:15	SM 9223B	Primary	Within Standard
E. coli Bacteria	Absent	Absent	/100mL	07/06/2023 11:15	SM 9223B	Primary	Within Standard
Nitrate-N	<1.0	10	mg/L	07/06/2023 17:00	SM 4500 NO3	Primary	Within Standard
Nitrite-N	<0.01	1.0	mg/L	07/06/2023 17:00	SM 4500 NO2	Primary	Within Standard
Lead	0.013	0.015	mg/L	07/06/2023 23:23	EPA 200.8	Primary	Within Standard

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

Respectfully Submitted



Kimberly Wright, Quality Assurance Manager



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.

Solid samples are reported on a dry weight basis unless noted otherwise.

For accreditation status at the time of sample analysis, or for information on subcontract laboratories, please contact Nelson Analytical.
Subcontract Laboratories: SUB2: Nelson Analytical Maine NH2018 SUB 7: Nelson Analytical EAI Div. NH1007, SUB3: 2062 SUB4:2073/2239, SUB5:NH2530, SUB8:NH2136,
<https://www4.des.state.nh.us/OneStopPub/WSEB/acclab/1005.pdf>
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>

Report of Analysis

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Laboratory ID: 123070298.02
Sample Matrix: Drilled Well Water
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Collected By: Prospect
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Temperature Rec'd °C: #18.7

Parameters	Results	Acceptable Level	Units	Date Analyzed	Test Method	Test Type	Test Remarks
Fluoride	<0.20	4.0	mg/L	07/06/2023 11:05	SM 4500F-C	Primary	Within Standard
Arsenic	0.0062	0.0050	mg/L	07/06/2023 23:23	EPA 200.8	Primary	Outside of Standard
Copper	0.033	1.30	mg/L	07/06/2023 23:23	EPA 200.8	Primary	Within Standard
Chloride	88	250	mg/L	07/06/2023 14:08	SM 4500Cl-B	Secondary	Within Standard
pH	7.05	6.5-8.5	SU	07/06/2023 14:13	SM 4500H B	Secondary	Within Standard
Iron	0.090	0.300	mg/L	07/06/2023 23:23	EPA 200.8	Secondary	Within Standard
Manganese	<0.010	0.050	mg/L	07/06/2023 23:23	EPA 200.8	Secondary	Within Standard
Conductivity	510	N/A	umhos/cm	07/06/2023 14:40	SM 2510B	N/A	No EPA Standard
Alkalinity	114	N/A	mg/L	07/06/2023 13:40	SM 2320B	N/A	No EPA Standard
Sodium	121	N/A	mg/L	07/06/2023 23:23	EPA 200.8	N/A	No EPA Standard
Total Hardness	<4	N/A	mg/L	07/06/2023 23:23	SM 2340B	N/A	No EPA Standard
Radon	4140	See Note	pCi/L	07/07/2023 00:36	SM 7500	N/A	No EPA Standard

ARSENIC NOTE: The New Hampshire Department of Environmental Services has established a state Maximum Contaminant Level (MCL) for arsenic of 0.005 mg/L, which took effect on July 1, 2021 for all NH public water systems. The federal EPA Safe Drinking Water Act MCL for arsenic is 0.010 mg/L. More information can be found at <https://www.des.nh.gov/>

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.

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<https://www4.des.state.nh.us/OneStopPub/WSEB/acclab/1005.pdf>

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>