

**Workorder: STANDARD ANALYSIS (B504041)**



The State of New Hampshire  
DEPARTMENT OF ENVIRONMENTAL SERVICES  
Results from the NHDES Be Well Informed Guide  
Created June 23, 2025  
Lab Sample ID: B504041001



Information provided in this report is for informational purposes only and should not be substituted for direct consultation with a qualified water treatment professional. Other conditions or factors related to your well or home not considered by this online guide may determine the most appropriate water treatment option.

## YOUR DRINKING WATER RESULTS SUMMARY

Based on what you entered from your laboratory report, the Results Summary below indicates whether your water meets federal and state health-based standards (Maximum Contaminant Levels - MCLs) as well as other guidelines (Secondary Maximum Contaminant Levels - SMCLs, health advisory levels, etc.). These standards and guidelines are often referred to as "limits" on your laboratory report. If your water exceeds or is approaching established federal/state drinking water limits or advisory levels for the contaminant(s) entered, additional health information and treatment options will be shown. **Several contaminants, such as radon and sodium, do not have state or federal standards.** Instead, when radon is present in drinking water at 2,000 pCi/L or greater, NHDES recommends homeowners consult NHDES Fact Sheet WD-DWGB-3-12. For sodium, the Be Well Informed tool provides health and treatment information when sodium is present at levels above 20 mg/L, U.S. EPA's federal "health advisory" for persons on a physician-prescribed "no salt diet."

### Results Summary

✔ Value entered meets the Drinking Water Limit.

⚠ Value entered is close to the Drinking Water Limit.

✘ Value entered is above the Drinking Water Limit.










🧪 Routine Analysis	📝 Water Test Value Entered	📉 Drinking Water Contaminant Limit or Radon Advisory Level	? About Your Well Water?
✔ Arsenic	0 mg/L	0.005 mg/L	The value entered meets the drinking water standard
✔ Chloride	12 mg/L	250 mg/L	The value entered meets the drinking water guideline
✔ Copper	0.143 mg/L	1.3 mg/L	The value entered meets the drinking water standard
✔ Copper Stagnant	0 mg/L	1.3 mg/L	The value entered meets the drinking water standard
✔ Fluoride	0.42 mg/L	2 mg/L (guideline); 4 mg/L (limit)	The value entered meets the drinking water guideline
✔ Hardness	46.5 mg/L	-	There is no drinking water guideline or standard
✔ Iron	0.090 mg/L	0.3 mg/L	The value entered meets the drinking water guideline
✔ Lead	0.0012 mg/L	0.015 mg/L	The value entered meets the drinking water standard
✔ Lead Stagnant	0.0021 mg/L	0.015 mg/L	The value entered meets the drinking water standard
✔ Manganese	0.025 mg/L	0.3 mg/L	The value entered meets the drinking water guideline
✔ Nitrate-N	0 mg/L	10 mg/L	The value entered meets the

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 Routine Analysis	 Water Test Value Entered	 Drinking Water Contaminant Limit or Radon Advisory Level	 About Your Well Water?
 Nitrite-N	0 mg/L	1 mg/L	drinking water standard The value entered meets the drinking water standard
pH	7.18 standard units	6.5-8.5 standard units	See your results for lead and copper
 Sodium	4.61 mg/L	60 mg/L	The value entered meets the U.S. EPA's guidance level
 Total Coliform	Absent	0 CFU/100 mL or Absent	The value entered meets the drinking water standard
 E. coli	Absent	0 CFU/100 mL or Absent	The value entered meets the drinking water standard
 Uranium	0 µg/L	30 µg/L	The value entered meets the drinking water standard

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Results Detail			
<p>✔ Value entered meets the Drinking Water Limit. ✖ Value entered is above the Drinking Water Limit.</p> <p>⚠ Value entered is close to the Drinking Water Limit. ⬜ A Value was Not Entered</p>			
🧪 Routine Analysis	📝 Water Test Value Entered	📏 Drinking Water Contaminant Limit or Radon Advisory Level	? About Your Well Water?
✔ Arsenic	0 mg/L	0.005 mg/L	The value entered meets the drinking water standard
✔ Chloride	12 mg/L	250 mg/L	The value entered meets the drinking water guideline
<p><b>Interpretation of Results:</b></p> <p><b>Does my well water meet the drinking water guideline for chloride?</b> Yes, your water meets federal and state drinking water guidelines as it contains less than 250 mg/L of chloride.</p> <p><b>Health Concerns:</b></p> <p><b>Can consuming water containing chloride affect my health?</b> Consuming water containing chloride alone is not harmful to your health; however, the presence of chloride in your water may indicate that other pollutants may be present in your water supply.</p> <p><b>Treatment Options:</b></p> <p><b>What should I do?</b></p> <ol style="list-style-type: none"> <li>1. If you haven't already done so, you should also test your water for bacteria.</li> <li>2. If your chloride level is more than 100 mg/L, take the steps listed <a href="#">here</a> to address potential sources of chloride pollution.</li> </ol> <p>Note, if you live near the seacoast, the level of chloride in your well water may be naturally higher due to sea water or wind-blown sea spray; however, levels substantially higher than 150 mg/L may indicate pollution by human activities.</p> <p>Take these steps to address potential sources of chloride pollution:</p> <ol style="list-style-type: none"> <li>1. Inspect the area around your wellhead for possible sources of pollution, such as road salt piles and storage sheds, driveways and roads where road salt is used, fertilized areas, septic systems, and waste from pets and farm animals. Remove any sources when possible.</li> <li>2. Make sure rain and melting snow are directed away from your wellhead.</li> <li>3. Contact your local health officer or Board of Selectman if you believe that the elevated levels of chloride are associated with nearby land uses.</li> </ol> <p>More information about treatment for chloride can be found in <a href="#">NHDES' Fact Sheet</a>.</p>			
✔ Copper	0.143 mg/L	1.3 mg/L	The value entered meets the drinking water standard
✔ Copper Stagnant	0 mg/L	1.3 mg/L	The value entered meets the drinking water standard
✔ Fluoride	0.42 mg/L	2 mg/L (guideline); 4 mg/L (limit)	The value entered meets the drinking water guideline

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Routine Analysis	Water Test Value Entered	Drinking Water Contaminant Limit or Radon Advisory Level	About Your Well Water?
<b>Interpretation of Results:</b> <b>Does my well water meet the drinking water standard for fluoride?</b> Yes, your water meets federal and state drinking water standards as it contains less than 2.0 mg/L of fluoride.			
<b>Health Concerns:</b> <b>Can consuming water containing fluoride affect my health?</b> Consuming water containing an optimal level of fluoride helps protect against tooth decay. The U.S. Department of Health and Human Services' recommended optimal range for fluoride in drinking water is 0.6 - 0.8 mg/L. Since your water contains less than the optimal level, you should talk with your dentist and doctor about the level of fluoride in your water and ask whether fluoride supplements or treatments are right for you or your family. Click <a href="#">here</a> for more information from the U.S. Centers for Disease Control and Prevention about private well water and fluoride.			
	Hardness 46.5 mg/L	-	There is no drinking water guideline or standard
<b>Interpretation of Results:</b> <b>Do I have "soft" or "hard" water?</b> You have "soft" water if your hardness level is less than 60 mg/L. If your level is between 61 and 120 mg/L, you have "moderately hard" water. You have "hard" water if your level is between 121 and 180 mg/L.			
<b>Health Concerns:</b> <b>Can consuming water containing minerals that make water "hard" affect my health?</b> Consuming water containing minerals, typically calcium or magnesium, that make water "hard" is not harmful to your health.  Elevated levels of hardness can leave spots, film, and scaling on glasses and dishes, plumbing fixtures, and appliances. When hard water is heated, such as in a water heater, solid deposits of calcium carbonate (scaling) can also form. Scale buildup can shorten the life of equipment, raise the costs of heating the water, lower the efficiency of water heaters, and clog pipes. Many people also notice that they need to use more soap when cleaning with hard water. None of these effects poses a health risk.			
	Iron 0.090 mg/L	0.3 mg/L	The value entered meets the drinking water guideline
	Lead 0.0012 mg/L	0.015 mg/L	The value entered meets the drinking water standard
	Lead Stagnant 0.0021 mg/L	0.015 mg/L	The value entered meets the drinking water standard
	Manganese 0.025 mg/L	0.3 mg/L	The value entered meets the drinking water guideline
	Nitrate-N 0 mg/L	10 mg/L	The value entered meets the drinking water standard
	Nitrite-N 0 mg/L	1 mg/L	The value entered meets the drinking water standard
	pH 7.18 standard units	6.5-8.5 standard units	See your results for lead and copper
	Sodium 4.61 mg/L	60 mg/L	The value entered meets the U.S. EPA's guidance level
	Total Coliform Absent	0 CFU/100 mL or Absent	The value entered meets the drinking water standard
	E. coli Absent	0 CFU/100 mL or Absent	The value entered meets the



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 Routine Analysis	 Water Test Value Entered	 Drinking Water Contaminant Limit or Radon Advisory Level	 About Your Well Water?
 Radon	None	2000 pCi/L	drinking water standard Test both the air in your home (if you live below the third floor) and in your water (unless it is from a dug well) for radon. More than half of all private wells in New Hampshire have high radon.
 Uranium	0 µg/L	30 µg/L	The value entered meets the drinking water standard
 Gross Alpha	None	15 pCi/L	Test your water. Studies show that many private wells in New Hampshire have high gross alpha radioactivity.
 PFOA	None	12 ppt	Test Your Water
 PFOS	None	15 ppt	A value was not entered
 PFNA	None	11 ppt	A value was not entered
 PFHxS	None	18 ppt	A value was not entered

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