



## Harvest and Post-Harvest Agricultural Water Testing for New Hampshire Produce Farms

Information on FSMA Produce Safety Rule Harvest & Post-Harvest water sampling requirements and labs performing approved tests.

For more information, please contact UNH Extension Produce Safety Team (UNH.foodsafety@unh.edu) or NH DAMF Produce Safety Team (katherine.dunn-law@agr.nh.gov).

New Hampshire  
Department of Agriculture,  
Markets & Food

Lab	Phone	Address	City/Town	Website	Cost per Sample		Notes:
					Present/Absent (P/A) Test by Method <b>9223B*</b>	Quantification (MPN) Test by Method <b>9223B*</b>	
Absolute Resource Associates, LLC	(603) 436-2001	124 Heritage Ave	PORTSMOUTH	<a href="http://www.absoluteresourceassociates.com">www.absoluteresourceassociates.com</a>	\$40.00	\$45.00	<ul style="list-style-type: none"> <li>• <b>PROCEDURE:</b> Contact the lab directly for collection container(s) and other details specific to each lab, especially drop-off days and times. Some labs will not accept bacteria samples on Fridays.</li> <li>• <b>TEMPERATURE:</b> Sample(s) should be refrigerated after sampling and transported in a cooler on bagged ice.</li> <li>• <b>TIMING:</b> Deliver sample(s) to the lab as soon as possible or within 6 hours of collection.</li> <li>• <b>QUESTIONS:</b> Contact Katherine Dunn-Law, NH DAMF Produce Safety Team, at <a href="mailto:katherine.dunn-law@agr.nh.gov">katherine.dunn-law@agr.nh.gov</a> or a Food Safety Specialist with UNH Extension at <a href="mailto:UNH.foodsafety@unh.edu">UNH.foodsafety@unh.edu</a></li> </ul>
Capitol Well	1-800-924-1192	150 Concord Stage Road, Dunbarton 38 NH Route 25, Crosspoint Plaza, Meredith 234 Summer Street, Lancaster	DUNBARTON, MEREDITH, & LANCASTER	<a href="http://www.capitalwell.com">www.capitalwell.com</a>	\$55.00 (price includes sampling)	N/A	
Chemserve, Inc.	(603) 673-5440	317 Elm St	MILFORD	<a href="http://www.chemservelab.com">www.chemservelab.com</a>	\$35.00	\$55.00	
EAI Analytical Labs	(603) 357-2577	33 Whittemore Farm Rd	SWANZEY	<a href="http://www.eai-labs.com">www.eai-labs.com</a>	\$15.00	\$20.00	
Eastern Analytical, Inc.	(603) 228-0525	51 Antrim Ave	CONCORD	<a href="http://www.easternanalytical.com">www.easternanalytical.com</a>	\$30.00	\$40.00	
Endyne, Inc.	(603) 678-4891	56 Etna Rd	LEBANON	<a href="http://www.endynelabs.com">www.endynelabs.com</a>	\$25.00	\$30.00	
Granite State Analytical Services, LLC	(603) 432-3044	22 Manchester Rd	DERRY	<a href="http://www.granitestateanalytical.com">www.granitestateanalytical.com</a>	\$30.00	\$35.00	
Moose River Environmental Lab, LLC	(802) 751-5982	75 Mount Pleasant St	ST. JOHNSBURY, VT	<a href="http://www.moosriverlab.com">www.moosriverlab.com</a>	\$45.00	\$45.00	
Nelson Analytical Lab	(603) 622-0200	490 E. Industrial Park Dr	MANCHESTER	<a href="http://www.nelsonanalytical.com">www.nelsonanalytical.com</a>	\$30.00	\$40.00	
New Hampshire DHHS Public Health Laboratory	(603) 271-3445	29 Hazen Dr	CONCORD	<a href="http://www.dhhs.nh.gov">www.dhhs.nh.gov</a>	\$15.00	\$30.00	
Seacoast Analytical Services, LLC	(603) 868-1457	72 Pinkham Rd	LEE	<a href="http://www.seacoastanalytical.com">www.seacoastanalytical.com</a>	\$45.00	\$65.00	
<p><b>Testing Requirements for water that comes into contact with produce during harvest/post-harvest activities:</b></p> <ul style="list-style-type: none"> <li>▶ <b>Public Water System or Public Water Supply:</b> No testing is required, but annual results or certificates of compliance must be obtained from the supplier which demonstrates that the water meets the requirements of NO detectable E. coli.</li> <li>▶ <b>Ground Water (wells):</b> For every source/well-- Year 1: Test 4 times during the growing season OR cumulative over a 1-year period. After Year 1, test annually thereafter. If any annual test fails to meet microbial limits, discontinue use and make necessary changes to ensure water is of acceptable criteria (treating water is an option). Resume testing of water 4 times per growing season or year to show no E. coli is present.</li> <li>▶ <b>Surface Water (creeks, springs, rivers, ponds):</b> NEVER use untreated surface water. If this is the only water source available, it must be treated with approved methods before using it in harvest/post-harvest activities.</li> </ul> <p>For sampling techniques or tips, please visit: <a href="https://extension.unh.edu/agriculture-gardens/food-safety">https://extension.unh.edu/agriculture-gardens/food-safety</a></p>							<p><b>Acceptable Limits:</b> Total Coliform: N/A <b>E. Coli: ABSENT or &lt; 1 MPN/100mL</b></p> <p><b>Laboratory Results:</b> Although the lab report may show results for both Total Coliform and E. coli, the PSR is only concerned with the detection of E. coli.</p> <p>*Other approved methods may be referenced on lab reports, such as Idexx, Colilert, or Colisure.</p>
<p><b>Testing requirements effective: January 2023 for Large Covered farms, January 2024 for Small Covered farms, and January 2025 for Very Small Covered farms.</b></p>							

This information was compiled by Katherine Dunn-Law, NH DAMF Produce Safety Program Assistant, in collaboration with UNH Extension's Produce Safety Team.

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