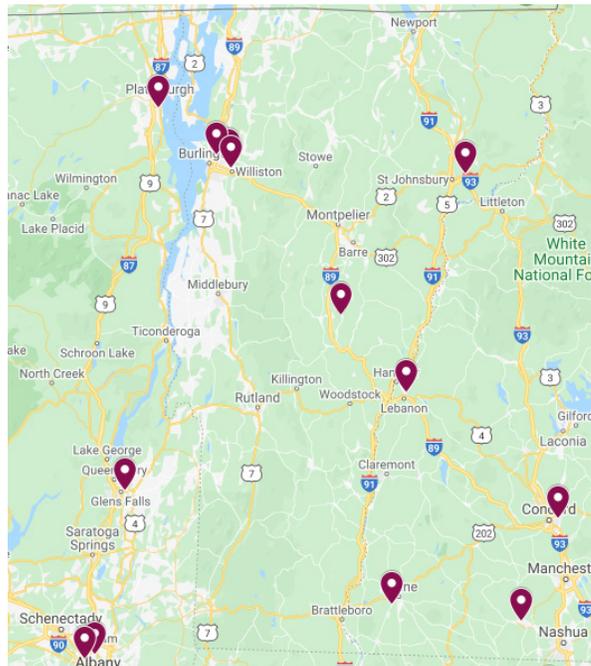




Food Safety Modernization Act Produce Safety Rule Agricultural Water Testing Labs in Vermont and Neighboring States

This factsheet provides contact information for laboratories in Vermont and neighboring states that offer agricultural water testing services. These services can be used to comply with regulatory or audit programs that require growers to test their agricultural water for the presence of potentially harmful bacteria.

Laboratory	Location	Phone	Website
Analytic Services Inc.	130 Allen Brook Ln. Williston, VT	(802) 878-5138	analyticalservices.com
Certified National Analytics Lab	27 Kent St. Suite 102 Ballston Spa, NY	(518) 884-0800	cnawater.com
Certified National Analytics Lab	172 Ridge St. Glens Falls, NY	(518) 792-1170	cnawater.com
EAI Analytical Labs	33 Whittemore Farm Rd. Swanzey, NH	(603) 678-4891	eai-labs.com
Endyne Inc. (NH)	56 Etna Rd. Suite F Lebanon, NH	(603) 678-4891	endynelabs.com
Endyne Inc. (NY)	315 New York Rd. Plattsburgh, NY	(518) 563-1820	endynelabs.com
Endyne Inc. (VT)	160 James Brown Dr. Williston, VT	(802) 879-4333	endynelabs.com
Moose River Environmental Lab	951 US RT 2 E St. Johnsbury, VT	(802) 751-5982	mooseriverlab.com
Vermont Agriculture and Environmental Laboratory	163 Admin Drive, Randolph Center, VT	(802) 585-6073	agriculture.vermont.gov/node/130
Vermont Department of Health Laboratory	359 South Park Dr. Colchester, VT	(802) 338-4724	healthvermont.gov/lab



Interactive Online Map

go.uvm.edu/waterlabmap

Water Sampling Requirements

FSMA Produce Safety Rule: Subpart E – Agricultural Water

<https://go.usa.gov/xQGJC> (URL is case sensitive)

USDA GAP Audit Program

<https://go.usa.gov/xQGJg> (URL is case sensitive)

Community Accreditation for Produce Safety Audit Program

<https://practicalproducesafetyvt.wordpress.com>

A listing does not constitute endorsement or recommendation by the Vermont Agency of Agriculture, Food and Markets (VAAFM). Listings are subject to change and growers should contact labs directly for further details.



Importance of water testing

Water is crucial to all aspects of farming, whether it's used to grow, cool, or process produce, or to keep hands, tools, and equipment clean. Because waterborne pathogens are not visible to the naked eye, routine water testing is important for ensuring that agricultural water contacting fresh produce is not a potential source of contamination. Growers may be required to conduct routine water testing to meet the requirements of the FDA's Food Safety Modernization Act (FSMA) Produce Safety Rule (PSR) or for voluntary audit programs, such as USDA's Good Agricultural Practices (GAP) and Vermont Vegetable and Berry Growers Association Community Accreditation for Produce Safety (CAPS).

How to take a sample

Laboratories will provide a sample kit with specific sampling instructions. Make sure to read the instructions carefully and follow sanitary practices, such as wearing clean disposable gloves and not touching the rim of the sample container. For more information on taking a water sample and best practices, read VAAFM's *Water Sampling 101* factsheet:

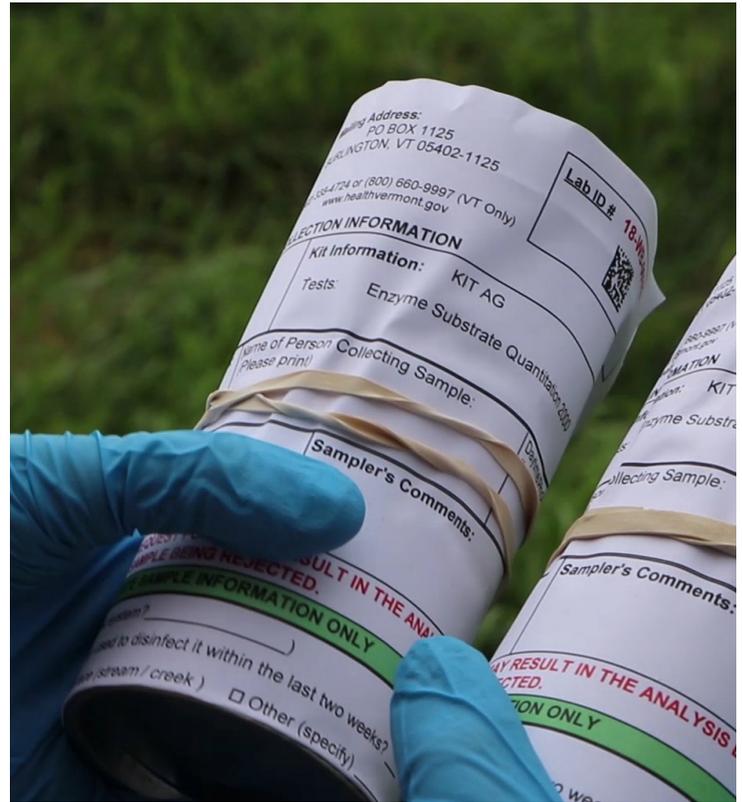
<https://go.usa.gov/xdPeb>

Hold time recommendations

The accuracy of a water test is influenced by the amount of time between sampling and processing at the lab (called the 'hold time'). VAAFM recommends 6 hours as the maximum time between sampling and drop-off at the laboratory for the most accurate results, even if a laboratory allows a longer in-transit hold time. Samples should be kept at <10 C° (<50 F°), but not frozen. These recommendations are consistent with the EPA's *Guidelines Establishing Test Procedures for the Analysis of Pollutants* (<https://go.usa.gov/xQGuG>) and *Standard Methods 9060 B* (<https://go.usa.gov/xQGuA>).

Approximate costs of water sampling

The cost of a water test is typically between \$15 and \$50 per sample. Check with each laboratory for current pricing and additional services such as sample drop-off locations.



Test method recommendations

VAAFM recommends using a laboratory service that uses one of the FDA's approved test methods (<https://go.usa.gov/xQGuv>) for sampling generic *E. coli* in agricultural water for the purposes of meeting FSMA PSR agricultural water requirements. Approved test methods provide an enumeration of generic *E. coli* (a count) rather than simply indicating presence or absence. At the time of writing this factsheet, all laboratories listed offer testing services using an FDA approved test method.

Questions?

Contact the Vermont Produce Program at (802) 461-5128 or AGR.FSMA@vermont.gov. Find additional resources at <https://agriculture.vermont.gov/produceprogram>.

Please note: URLs on this page are case sensitive.

Last updated: September 2021



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This publication was supported by the Food and Drug Administration (FDA) of the U.S. Department of Health and Human Services (HHS) as part of a financial assistance award (FAIN U18FD005897) totaling \$615,263 with 100 percent funded by FDA/HHS. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement by, FDA/HHS or the U.S. Government.