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.

*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.*

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Location</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analytic Services Inc</td>
<td>130 Allen Brook Lane, Williston, VT</td>
<td>(802) 878-5138</td>
<td><a href="http://www.analyticalservices.com">www.analyticalservices.com</a></td>
</tr>
<tr>
<td>Certified National Analytics Lab</td>
<td>27 Kent St. Suite 102, Ballston Spa, NY</td>
<td>(518) 884-0800</td>
<td><a href="http://www.cnawater.com">www.cnawater.com</a></td>
</tr>
<tr>
<td>Certified National Analytics Lab</td>
<td>172 Ridge Street, Glens Falls, NY</td>
<td>(518) 792-1170</td>
<td><a href="http://www.cnawater.com">www.cnawater.com</a></td>
</tr>
<tr>
<td>EAI Analytical Labs</td>
<td>33 Whitemore Farm Rd, Swanzey, NH</td>
<td>(603) 357-2577</td>
<td><a href="http://www.eai-labs.com">www.eai-labs.com</a></td>
</tr>
<tr>
<td>Endyne Inc (NH)</td>
<td>56 Etna Rd. Suite F, Lebanon, NH</td>
<td>(603) 678-4891</td>
<td><a href="http://www.endynelabs.com">www.endynelabs.com</a></td>
</tr>
<tr>
<td>Endyne Inc (NY)</td>
<td>315 New York Road, Plattsburgh, NY</td>
<td>(518) 563-1720</td>
<td><a href="http://www.endynelabs.com">www.endynelabs.com</a></td>
</tr>
<tr>
<td>Endyne Inc (VT)</td>
<td>160 James Brown Drive, Williston, VT</td>
<td>(802) 879-4333</td>
<td><a href="http://www.endynelabs.com">www.endynelabs.com</a></td>
</tr>
<tr>
<td>Vermont Dept. of Health Laboratory</td>
<td>359 South Park Drive Colchester, VT</td>
<td>(802) 338-4724</td>
<td><a href="http://www.healthvermont.gov/lab">www.healthvermont.gov/lab</a></td>
</tr>
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**Map Key**
- Location of lab
- Drop-off locations for Endyne Inc (contact lab for details)

**Interactive Online Map**
[https://tinyurl.com/VTwaterlabs](https://tinyurl.com/VTwaterlabs)

**Water Sampling Requirements**
- [FSMA Produce Safety Rule: Subpart E – Agricultural Water](https://go.usa.gov/xQGJC)
- [GAP Audit Program](https://go.usa.gov/xQGJg)
- [CAPS Audit Program](https://practicalproducesafetyvt.wordpress.com)
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 the VT 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.

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).

Test method recommendations

VAAFM recommends using a laboratory service that uses one of the FDA’s approved test methods (https://go.usa.gov/xU2FJ) for sampling generic E. coli in agricultural water for the purposes of meeting FSMA PSR agricultural water requirements. For water used for irrigation, choose a test method that provides an enumeration of generic E. coli (a count). For water used during harvest or post-harvest, choose either a test method that provides an enumeration or presence/absence of generic E. coli. At the time of writing this factsheet all laboratories listed offer testing services using an FDA approved test method.

Approximate costs

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.

Questions?

Contact the VAAFM Produce Program Team at (802) 828-2433 or AGR.FSMA@vermont.gov. Find additional resources at: http://agriculture.vermont.gov/produceprogram

Note: URLs are case sensitive

Last updated: June 29th, 2018