



Farmington Valley Health District

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Avon • Barkhamsted • Canton • Colebrook • East Granby • Farmington • Granby • Hartland • New Hartford • Simsbury

WELL WATER TESTING REQUIREMENTS FOR NEWLY CONSTRUCTED WELLS

The Connecticut Department of Public Health, through the action of the Connecticut General Assembly, adopted the following requirements for well water testing: For newly constructed wells.

1. ***ALL*** water samples must be collected by a “qualified individual” under the direction of a licensed laboratory, a state certified operator as defined in Section 25-32-7a(c) of the regulations of state agencies, or a licensed sanitarian.
2. A signed statement by the “qualified individual”, including location and address of the well, must be provided to FVHD along with the laboratory analysis.
3. The well water **MUST NOT** exceed the maximum contaminant levels (MCL) of the Connecticut Public Health Code.
4. The water must be analyzed for:

| | |
|----------------------------|--|
| a. Total Coliform Bacteria | j. pH |
| b. Nitrate * | k. Sulfate |
| c. Nitrite | l. Apparent Color |
| d. Sodium | m. Odor |
| e. Chloride | n. Lead |
| f. Iron | o. Arsenic |
| g. Manganese | p. Uranium |
| h. Hardness | q. Volatile Organic Chemicals (VOC) |
| i. Turbidity | r. Seven listed pesticides/herbicides*, if the nitrate level is over 10.0 mg/L |

*Alachlor, atrazine, dicamba, ethylene dibromide (EDB), metolachlor, simazine, and 2,4-D

When the results are mailed or faxed to the Farmington Valley Health District, a Water Certification Form with the signature of the person who took the sample must be included. This is a State Regulation.

APPROVED LOCAL WATER TESTING LABORATORIES

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|---------------|----------------------------|----------------------|---------------|
| Plainville | Tunxis Laboratory | 100 Northwest Drive | (860)793-8866 |
| Windsor | Envirotech Laboratory | 77 Cook Hill Road | (860)688-7249 |
| Manchester | Phoenix Environmental Lab | 587 East Middle Tpke | (860)645-1102 |
| Waterbury | NW Environmental Water Lab | 450 Meriden Road | (203)437-4110 |
| New Milford | Hydro Technologies | 62 Bank Street | (860)355-8773 |
| Newtown | Aqua Environmental Lab | 56 Church Hill Road | (203)270-9973 |
| Agawam, MA | Vallid Labs | 295 Silver Street | (413)789-2206 |
| **Wallingford | **EMSL Laboratory | 29 No. Plains Hwy #4 | (800)220-3675 |

**Tests for Giardia

For a complete list of in-state approved water testing laboratories please go to:

http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/InstateLaboratoriesCertifiedtoTest_DrinkingWater.pdf