

Code of the Town of Somers

Chapter ____

Testing of water quality in new private water supply systems

- (a) Definitions. As used in this section:
- (1) "Approved laboratory" means a laboratory facility issued a certificate of approval by the Connecticut Department of Public Health pursuant to sections 19-4-1, 19a-36-a25 through 19a-36-a33, and 19a-36-a57 through 19a-36-a63 of the regulations of Connecticut State Agencies..
 - (2) "Certificate of Occupancy" means a document issued by the local building official certifying a building's compliance with applicable building codes and other laws, and indicating it to be in a condition suitable for occupancy.
 - (3) "Consumer" means any private dwelling, hotel, motel, boarding house, apartment building, store, office building, institution, mechanical or manufacturing establishment or other place of business or industry to which water is supplied by a source of private water supply.
 - (4) "Disinfected" means pathogenic organisms in the water have been deactivated by chemical oxidants such as chlorine or equivalent agents.
 - (5) "Domestic purposes" means drinking, bathing, washing of clothes and dishes, cooking, and other common household uses.
 - (6) "Director of health" means the Town of Somers director of health and any person legally authorized to act for the local director of health.
 - (7) "Maximum contaminant level (MCL)" means the maximum permissible level of a biological or chemical substance in water for a private water supply system.
 - (8) "Organic chemicals" means all substances listed in section 19-13-B102(e) (4) of the Connecticut Public Health Code.
 - (9) "Private water supply system" means any source of private water supply serving a single consumer and less than twenty five (25) persons, and used for drinking or other domestic purposes.
 - (10) "Qualified individual" means a licensed sanitarian, local director of health, employee of the department, employees of local or state agencies as part of their regulatory or statutory responsibilities, or a person, including an owner or general contractor of a residential construction on which a private water supply system is located, found to be qualified by an approved laboratory to collect water samples from a private water supply system for submission to that laboratory.
 - (11) "Source of private water supply" means any surface water, spring, well, or underground water source from which water is available by a private water supply system for domestic purposes.
- (b) A sample of water collected from a new private water supply by a qualified individual shall not be analyzed by the approved laboratory unless it is accompanied by a statement signed by the qualified individual indicating the location of the sample, the address of the private water supply and the date the sample was taken.
- (c) MCL's for a private water supply system shall conform to the more stringent of those levels specified in subdivisions (1), (2), (3), (4) and (5) of subsection (e) of section 19-13-B102 of the Connecticut Public Health Code or those in the Action Level List for Private Wells, as published by the State of Connecticut, Department of Public Health. The MCL for total coliform bacteria in a private water system is exceeded if the analytical result of the water sample is positive for total coliform bacteria.
- (d) Upon completion of a new private water supply system, the owner of the system shall have the source of the private water supply sampled directly or sampled from a cold water faucet supplying water for domestic purposes that is located within the building. If water treatment is provided the owner shall have the sample collected prior to any treatment. The sample shall be at a minimum analyzed for total coliform, nitrate,

nitrite, sodium, chloride, iron, manganese, arsenic, ethylene dibromide (EDB), organic chemicals, uranium, hardness, turbidity, pH, sulfate, apparent color and odor. In the event nitrate is at or greater than 10 milligrams per liter the sample shall also be tested for alachlor, atrazine, dicamba, metolachlor, simazine and 2, 4-D. Compliance with this section shall conform to the following conditions as applicable:

- (1) The water quality of a new private water supply system shall be sampled by a qualified individual and analyzed by an approved laboratory. The private water supply system shall have been disinfected and the system shall not be sampled until all disinfectant has dissipated. The results of such analyses and a statement signed by a qualified individual attesting to the exact address and location of sampling shall be reported by the approved laboratory to the director of health within thirty (30) days of the completion of such analyses. Approval by the director of health that the results of the laboratory analyses comply with MCL's applicable to this section shall be obtained before the private water supply is used for domestic purposes.
- (2) If any MCL is exceeded, an adequate whole house treatment system shall be installed to reduce the level below the MCL, prior to allowing use of the water for drinking purposes. For any sample failing to meet the criteria set forth in this Ordinance, the Director of Health or his authorized agent shall report such failure to the Town's Building Official and the Building Official shall be precluded from issuing a Certificate of Occupancy, when applicable, for the premises until such time as the private water supply is deemed safe by the Director of Health.

Board of Selectman Approval: January 9th, 2014

Publication: January 13th, 2014

Effective Date: February 28, 2014