

## TOWN OF GRANBY

### SEPTIC SYSTEM REGULATIONS IN ADDITION TO THOSE SPECIFIED IN TITLE 5 OF THE STATE SANITARY CODE. EFFECTIVE MAY 6, 1985.

#### I. PERCOALTION TESTS.

- A. Shall be conducted only during the months of March and April, unless the soil to be tested is below the water table during March and April. In that case, the water table elevation shall be established during March and April and the percolation rate can be established after the water table recedes below the desired percolation depth.
- B. Percolation tests scheduled after the 15<sup>th</sup> of April are subject to the time availability of the authorized Board of Health Inspector.
- C. The Town of Granby receives a percolation witness fee.
- D. Percolation tests are valid for a period of two years from the date conducted. The period of validation may be extended for an additional two years, if the Board of Health ascertains that the conditions observed during the original test have not changed.

#### II. SEPTIC SYSTEM LOCATION

- A. No septic tank or leach facility may be installed within 100 feet of any well used for a potable water supply.
- B. No septic tank or leach facility may be placed below the 100 year flood plain.
- C. No septic tank or leach facility may be placed in the 100 year flood way.
- D. No septic tank or leach facility may be installed within 100 feet of any swamp, brook, pond, or other water course or wetland.
- E. No leach facility may be installed within 50 feet of a sub-surface or footing drain.
- F. Septic tank at least 10' from foundation.
- G. Septic tank at least 20' from leachfield.
- H. Septic tank at least 50' from foot drain.

#### III. LIMITATIONS

- A. Breakable shale is considered impervious material.  
Percolation tests may not be conducted in breakable shale.

- B. Leach trenches will have a minimum design width of two feet.
- C. Minimum design capacity for business use is 200 gallons per day.
- D. Minimum design capacity for dwelling units is 110 gallons per day plus 110 gallons per day per bedroom.
- E. Minimum septic tank size is 1500 gallons per dwelling unit, 100 gallons per business.
- F. Systems or groups of systems with a design capacity in excess of 2000 gallons per day shall have a hydro geological site investigation by a qualified professional engineer. He shall provide the owner and Board of Health with a system maintenance and operation program and specify the conditions at which surface breakout of leach contaminated fluids will not occur.
- G. Minimum leach system size is 600 square feet for beds, (bottom area only), 400 square feet for pits and galleries, (bottom and sides) and 500 square feet for trenches (bottom and sides).
- H. If footing drains are lower than the elevation of the water table at its highest, leaching facilities may not be closer than 50 feet (fifty) to footing drains. Otherwise, distances shall be those specified under TITLE 5, State Sanitary Code.

#### IV. PERMITS

- A. Installers or pumper permits shall be granted only to individuals with demonstrated experience installing septic systems.
- B. Septic system repairs may be exempted from these design regulations as deemed appropriate by the Board of Health.
- C. Permits for modifications to existing structures which result in the potential for increased use will not be granted unless the septic system complies with these design standards applied to the total use potential. Changes in the structure which result in a design capacity change of greater than 100 gallons per day requires a percolation test and system design certification by an engineer or sanitarian that the new design use and system capacity meet the provisions of these regulations. Changes less than 110 gallons per day may be certified by an engineer or sanitarian as suitable for the potential use with only a deep hole test.

#### V. CONSTRUCTION IN FILL

- A. The excavation shall be inspected by the Board of Health prior to the placement of fill.

- B. Fill must be installed to provide the soil for both the primary and alternate area for leaching.
- C. Fill must be in place prior to granting the septic system construction permit.
- D. For systems with a design capacity in excess of 750 gallons per day (using these regulations) hydro geological site investigations must be completed by a qualified licensed professional engineer. He shall provide the owner and Board of Health with a system inspection and maintenance program and specify the conditions at which surface breakout of leach contaminated fluids will not occur.
- E. The installation will be certified by the designing engineer or sanitarian as having been installed in accordance with his design.

## VI. MULTIPLE USE SYSTES

Systems designed for use by more than one business or dwelling unit shall comply with the above stated conditions plus the following:

- A. All structures being served by common septic facilities shall be of single ownership, i.e. by a single owner, a single corporation or single partnership.
- B. Businesses shall not have common use of septic systems with dwelling units.
- C. Design for common systems intended for use by less than three businesses or dwelling units will not be allowed, i.e. double dwelling units or businesses need separate systems.
- D. Soils shall have a minimum percolation rate of 20 minutes per inch.
- E. Each business or dwelling unit shall have its own separate septic tank.
- F. Leach facilities shall be only trenches or leach pits.
- G. Each business or dwelling unit with a design capacity in excess of 750 gallons per day shall have its own dedicated septic system.
- H. No business or dwelling unit using a common septic system may have a garbage grinder unless the system is designed to handle garbage grinders installed in all units using the system.
- I. The designing engineer shall provide the Board of Health and owner with an inspection and maintenance program.

## VII. TITLE V INSPECTION REPORTS

1. The septic tank must be pumped before a Title V inspection is done.
2. Title V inspection procedures requires, the system inspector determine the elevation of high seasonal water table with respect to the bottom of the soil absorption system.
3. Only state certified soil evaluators may perform this task.

Effective: March 24, 2009