

## **ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS**

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- 3 **ADOPTION OF TITLE 5, 310 CMR 15.000** - The Town of Norton Board of Health hereby adopts Title 5, 310 CMR 15.000 in its entirety with the following changes adopted by the Board.
- 3.1 **Licensing** - The Board of Health has adopted the following licensing requirement.
- 3.1.a. **Designers** - Massachusetts Registered Professional Engineers and Massachusetts Registered Sanitarians must be licensed by the Norton Board of Health to design on-site systems in the Town of Norton. An annual licensing fee, Appendix A, is due by December 31<sup>st</sup> for the following calendar year. The applicant shall submit a completed form which is available from the Board. The applicant shall also provide proof of state licensing with the application. The licensee shall be responsible for submitting As-Built plans for any project completed in the Town in accordance with Chapter 3. The Board will not renew a license for any licensee that fails to meet these requirements or any other requirements of these regulations. Percolation tests cannot be scheduled, or on-site system design plans reviewed unless the designer has a valid license on file with the Board of Health.
- 3.1.b. **Soil Evaluators** – Department of Environmental Protection (DEP) Approved Soil Evaluators must be licensed by the Norton Board of Health to conduct soil evaluations in the Town of Norton. An annual licensing fee, Appendix A, is due by December 31<sup>st</sup> for the following calendar year. The applicant shall submit a completed form which is available from the Board. The applicant shall also provide proof of state approval with the application.
- 3.1.c. **On-Site System Installers** - On-site system installers must be licensed by the Norton Board of Health to install on-site systems in the Town of Norton. An annual licensing fee, Appendix A, is due by December 31<sup>st</sup> for the following calendar year. A first time applicant shall take the “Septic System Installer” test, administered by the Board of Health and obtain a grade of 80% correct to pass. Any installer whose license has lapsed for over two years shall be required to take the test before being eligible for re-licensing. The fee for the test is listed in the fee schedule, Appendix A.
- 3.1.d. **Septage Haulers** - No person or corporation shall remove and/or transport septage and/or grease in the Town of Norton without first obtaining a license from the Board of Health in accordance with 310 CMR 15.502. An annual licensing and inspection fee, Appendix A, is due by December 31<sup>st</sup> for the following calendar year. The applicant shall submit a completed form which

is available from the Board. Each vehicle utilized within the Town must be inspected and licensed to haul septage. Complete, legible pumping records shall be submitted to the Board of Health in the first week of the month following that in which septage was pumped.

3.1.e. **Portable Sanitary Facilities** - All companies supplying portable sanitary facilities within the Town of Norton shall obtain a permit from the Norton Board of Health for each location in which a portable sanitary facility will be placed. The application for a portable sanitary facility must include the street number and street name, approximate distances from existing structures, and length of time the facility is to be on site. A permitting fee, Appendix A, is required prior to installation of the facility. All permits expire on December 31<sup>st</sup>. The applicant shall submit a completed form, available from the Board. A septage hauler, licensed by the Norton Board of Health, shall perform all pumping of portable sanitary facilities. All portable sanitary facility shall be cleaned and sanitized at a minimum of once a week.

- i. All construction sites shall install portable sanitary facilities unless otherwise directed the Health Agent.

3.2 **Design of On-Site Systems** - The Board of Health has adopted the following requirements in addition to Title 5 requirements for the design of on-site systems.

3.2.a. **Percolation Testing** - The owner or the owner's agent shall obtain, complete and submit an application for percolation testing, approved by the Board of Health, with the applicable fee, Appendix A.

- i. All percolation tests shall be recorded, including failed test/soil examinations.
- ii. A perforated four inch diameter pipe shall be inserted in the deep observation hole.
- iii. The Board of Health will assign a unique number for all percolation tests.
- iv. The Health Agent shall sign or initial both copies (Designer's and Town's) of the testing form completed for the site.
- v. A field copy of the percolation test data and soil description shall be submitted to the Board of Health for all tests conducted.
- vi. A final copy of the test data shall be submitted with the on-site system design plans on Department of Environmental Protection Form 11 to the Board of Health and test data shall be placed on the plan.
- vii. The Board of Health shall be notified by the owner or the owner's agent of the date for a percolation test at least 48 hours prior to the date and time of the proposed test.

- viii. A \$50.00 rescheduling fee will be charged for failure to notify the Board of Health.
- ix. All percolation testing results can be used for design provided they meet the following conditions:
  - a. The observation pipe installation is approved by the Health Agent.
  - b. A Board of Health number is visible on the pipe.
  - c. The test data has been filed with the Board of Health.
- x. De-watered percolation tests will not be recognized as valid percolation tests in the Town of Norton.
- xi. The Board of Health reserves the right to require additional deep test holes to monitor and/or observe the water table at any time including during construction.

3.2.b. **Design Requirements** Plans for new construction or repair of an on-site system shall include:

- i. The location of percolation tests with the Board of Health percolation numbers, and zoning of the lot.
- ii. Design for repair or upgrade to an existing on-site system shall include the installation of a minimum 1500 gallon septic tank or a new tank with a minimum capacity equal to or greater than that required by 310 CMR 15.000 whichever is greater.

3.3 **Construction of On-Site Systems** The Board of Health has adopted the following requirements in addition to Title 5 requirements for construction of on-site systems:

3.3.a. **Board of Health Inspections** The Health Agent will inspect construction of all on-site systems at least three times for the following: open hole/bottom bed, stone, and a final inspection. **Prior to the Health Agent's Final inspection, the design engineer must call in all As-Built elevations to the Board of Health office for review.** The installer shall ensure that water is available for the final inspection. The Health Agent shall receive at least 24-hour advance notice for all inspections. The fee for inspections is listed in Appendix A. A re-inspection fee, Appendix A, shall be assessed any time the Health Agent is required to re-inspect the site.

3.3.b. **Designer inspections** The designer shall conduct a final inspection of the system. If the designer uncovers an installation error, the designer shall contact the installer and within 24 hours also notify the Board of Health. The designer shall inspect and certify that the correction(s) have been performed.

3.3.c. **As-Built Plans** The designer shall conduct a final inspection of the system and prepare an As-Built Plan that conforms to all requirements of 310 CMR 15.220 "Preparation of Plans and Specifications". The designer shall:

- i. Submit three copies of the As-Built Plan(s) and one Certificate of Compliance, signed and stamped, to the Board of Health office within 14 days from the completion of the sanitary system.
- ii. As-Built plans shall be prepared by a Massachusetts Registered Professional Engineer or Registered Sanitarian, for systems under 2000 gpd, and shall include a signed certification statement that shall state: "I certify that, to the best of my knowledge, all work shown on this plan has been completed in accordance with the terms of the permit, the plan approved by the Board of Health, State Environmental Code 310 CMR 15.000, and the regulations of the Norton Board of Health."

3.4 **OPEN FOR FUTURE USE.**

3.5 **Pre-Sale Title 5 Inspection** In accordance with 310 CMR 15.000, prior to the transfer of any property in the Town of Norton, the owner shall:

- i. Conduct a Title 5 system inspection and submit the report to the Board of Health office within 30 days from the date of inspection.
- ii. An inspector, approved by the state must perform inspection.
- iii. All Title 5 Inspections in the Town of Norton must be witnessed by the Health Agent. An appointment application must be submitted, at least 48 hours in advance, with the BOH Office prior to a conducting a Title 5 Inspection. See Appendix A for Witness/Review fee.
- iv. Test any private water wells prior to transfer of title in accordance with section 5.18 of these regulations.

3.6 **Cesspools** The Norton Board of Health does not accept cesspools as conforming sewage disposal systems. All cesspools are considered an automatic failure at the time of a Title 5 inspection.

3.7 **Alternative Soil Absorption Systems for Residential Use** The Norton Board of Health may establish any special conditions necessary to provide protection of public health, safety, welfare and the environment in addition to the requirements contained in Title 5, 310 CMR 15.280 to 15.289. Below are the current restrictions for the use of Alternative Systems:

- i. All proposed plans utilizing plastic chamber type systems such as Infiltrator, Cultec, Presby, etc.. Must be reviewed and approved,

on a cases by case basis, by the Norton Board of Health during its regular monthly meeting.

- ii. No reduction in size will be approved unless the engineer can prove that there are no other feasible options at which point there will be a max reduction of 25%.
- iii. Septic tanks equipped with an aerobic treatment system such as Fast, Singulair, etc must be utilized with all plastic chamber systems.

3.8 **Shared/Residential/Condominium/Commercial Systems** Shared systems conforming to Title 5, 310 CMR 15.000 may be approved by the Norton Board of Health in accordance 310 CMR 15.290 to 15.293.

3.9 **Additives** The use of a chemical additive for any purpose, in any part of any subsurface sewage disposal system is prohibited, unless the additive is approved by DEP.

3.10 **Alternative Soil Absorption Systems for Restaurants, Supermarkets, and Other Food Processing Facilities** The Norton Board of Health may establish any special conditions necessary to provide protection of public health, safety, welfare and the environment in addition to the requirements contained in Title 5, 310 CMR 15.280 to 15.289. The Board has voted to limit the reduction in size of any Alternative Soil Absorption Systems, using chambers or any other type of Innovative System, to no more than 25% unless an Alternative Pretreatment System is installed prior to the Alternative Soil Absorption System.

3.11 **Violations** In addition to remedies provided for in Title 5, 310 CMR 15.000, any violations of Chapter 3 of these regulations by a designer, Title 5 inspector or on-site system installer shall result in a minimum 30-day suspension. Three consecutive suspensions shall result in permanent revocation of the license. Any individual or company that performs services within the Town of Norton without a valid license issued by the Norton Board of Health shall be fined \$100.00 per occurrence; each day will constitute a separate violation.