

Greenfield Health Department

14 Court Square, Greenfield, MA 01301



Phone: (413) 772-1404

Fax: (413) 772-2238

Date _____

Name _____

Company Name _____

Address _____

Phone # _____

Permit Fee \$85 Paid _____

Exam Score _____

Disposal Works Installers Exam

This examination is based on the **Massachusetts State Environmental Code: Title 5: Minimum Requirements for the Subsurface Disposal of Sanitary Sewage.**

This exam consists of **25** questions each worth **4** points and is **open book**. Please return with permit fee when completed.

1. All systems for which a Disposal Works Construction Permit has been issued shall be completed within _____ years of issuance of the permit.
2. Prior to the issuance of a Certificate of Compliance , the system _____ and the system designer must certify in writing on a form provided by the Greenfield Health Department , that the system has been constructed in compliance with 310 CMR 15:00.
3. It shall be a violation for a system installer to add, place, introduce or recommend the addition, placement or introduction of _____ to any system without prior determination of the DEP that the _____ has met the criteria set forth in 310 CMR 15.027 (3)
4. All piping shall be a minimum of schedule _____ PVC in areas not subject to automobile or heavy traffic. Schedule _____ PVC shall be in areas where heavy traffic is anticipated.



Public Health
Prevent. Promote. Protect.

5. What is the **minimum distance** required for a surface water supply (reservoirs and impoundments) to be located from the :
 - Septic tank: _____ feet
 - Leaching facility: _____ feet
6. What is the **minimum distance** required for a private well to be located from the:
 - Septic tank: _____ feet
 - Leaching facility: _____ feet
7. No system shall be constructed within Zone 1 of a Public Water supply well or well field.

TRUE OR FALSE (Circle one)

8. What is the minimum distance and position required for a **water supply line** (pressure) to be located from:
 - A septic tank: _____ feet
 - A leaching facility: _____ feet
 - And at least: _____ **inches above** the disposal line
9. What is the minimum distance required for a septic tank and leaching facility to be located from **tributaries to surface water supplies**:
 - Septic tank: _____ feet
 - Leaching facility: _____ feet
10. What is the minimum distance allowed between the bottom of the stone lining the leaching facility and the high ground water elevation?
 - _____ feet in soils that perc at more than two minutes per inch
 - _____ feet in soils that perc at two minutes or less per inch
11. The invert elevation of all outlets of the distribution box must be the same and must be at least _____ inches below the inlet.
12. The minimum inside dimension of a D-Box must be at least _____ inches.
13. What is the minimum distance that all pipes leaving the distribution box must be kept level? _____ feet
14. Distribution Boxes, septic tanks, pump chambers and grease traps on native ground (not fill) must be set on a _____ inch base of stone.



15. On site subsurface sewage disposal systems must have at least _____ feet of naturally occurring pervious soil below the entire area.
16. A minimum of a _____ inch layer of **double washed** stone ranging in size from _____ inch to _____ inch in diameter shall cover the base stones.
17. The maximum length of each leaching trench shall not exceed _____ feet.
18. The minimum separation between any two trenches shall be _____ times the effective width or depth of each trench, whichever is greater.
19. Final cover above the soil absorption system shall be graded to reduce infiltration of surface water and minimize the erosion. Finish grade shall have a minimum slope of _____ feet per foot.
20. All emergency repairs other than pumping shall be followed within _____ days of the repair by an application of a Disposal System Construction Permit, local upgrade, approval or an application for a variance.
21. The top of all system components including the septic tank, distribution box or dosing chamber and soil absorption system shall be installed no more than _____ inches below finish grade.
22. Placement and construction of inlet and outlet tees shall be of cast iron, schedule 40 PVC, or cast in place concrete and shall extend a minimum of _____ inches **above the flow line** of the septic tank and be on the center line of the septic tank located directly under the clean out manhole.
23. There shall be an air space of at least _____ inches between the tops of the tees and the inside of the tank cover.
24. The inlet tee shall extend a minimum of _____ inches below the flow line.
25. On new construction the outlet pipe from the septic tank to the D-box shall be equipped with a _____ baffle to prevent solids from entering the soil absorption system.

