

Tips for Designers on the 2007 Rule Revision

September 13, 2007

Things to look for in the new rules:

- A. Read the definition section – there are many changes
- B. Replacement water supply exemption for single family residences
- C. There are changes to the design and installation certifications to deal with projects where no construction is involved
- D. Revised requirements for subdivision of improved lots – 500’ presumptive distance for small projects
- E. All class A and B licenses expire on December 31st of each year
- F. Class A watershed language allows only one lot, with one wastewater system per application. <http://www.anr.state.vt.us/dec/rulesum.htm>
- G. Revised replacement area requirements
- H. Reduction in leachfield size for non-water carried toilets
- I. Two bedroom minimum capacity for new lots
- J. Orifices in pressure distribution may face up or down
- K. Clarified the design requirements for shallow placed beds and trenches
- L. Clarified slope requirements for the area down slope of a leachfield between the edge of the system and a slope break exceeding 30%
- M. Clarified what types of systems are considered site modifications and that Class 1 or Class B designers are required for design and installation inspections
- N. Clarified the mound section to make it clear that not all sites can be developed with a mound, specified where to measure certain isolation distances from, and discussed situations where a mound might be constructed on fill not meeting mound requirements

- O. Made slight revisions to the mound sand specifications
- P. Specified the reductions to SHWT and bedrock when using filtrate and clarified that the presumption that filtrate systems 25' apart can be considered hydraulically separate only applies when using a loading rate of 4.5 gallons per linear foot per day or less
- Q. Added basic information related to constructed wetlands
- R. Added a provision for use of holding tanks for process water
- S. Added basic information related to use of drip dispersal systems
- T. Added a section covering disposal of used septic stone, mound sand, and soil
- U. Added section on seasonal conversions

<http://www.anr.state.vt.us/dec/ww/EngServ.htm>