

PRIVATE SEWAGE DISPOSAL SYSTEM

15. AEROBIC TREATMENT UNITS.

- 15.1 Use. Aerobic treatment units may be used only when the administrative authority determines that the site is unacceptable for a soil absorption system or an intermittent sand filter. Because of the higher maintenance requirements of aerobic treatment units, preference should be given to packed bed media filters, where conditions allow.
- 15.2 Certification. All aerobic treatment units shall be certified by an ANSI-accredited third-party certifier to meet National Sanitation Foundation Standard 40, Class I, including appendices (March 2008), or equivalent testing as determined by the department.
- 15.3 Installation and operation. All aerobic treatment units shall be installed, operated and maintained in accordance with the manufacturer's instructions and the requirements of the administrative authority. The aerobic treatment units shall have a minimum treatment capacity of 150 gallons per bedroom per day or 500 gallons, whichever is greater.
- 15.4 Pre-tank required. All aerobic treatment units shall be preceded by a septic or trash tank with a minimum capacity of 500 gallons. The trash tank may be a single-compartment tank. A trash tank built in as part of the aerobic treatment unit's design satisfies this requirement.
- 15.5 Effluent treatment. The discharge point of the aerobic treatment unit system shall be accessible for effluent sampling, or a sampling port shall be installed in the discharge line. The effluent from aerobic treatment units shall receive additional treatment through the use of intermittent sand filters or soil absorption systems of a magnitude prescribed in section 10.2 for pretreated effluent.
- 15.6 Maintenance contract. Prior to installation, a maintenance contract with a manufacturer-certified technician or equivalent, as determined by the department, shall be maintained at all times. The maintenance contract shall include the aerobic treatment unit and effluent disposal system. Manufacturers are responsible for ensuring that an adequate number of maintenance providers are available to service all aerobic treatment units at the specified intervals. The certified technician shall perform the required maintenance and reporting to the owner and to the administrative authority. The certified technician shall also report any discontinuance of maintenance of the system to the administrative authority. Aerobic treatment units shall be inspected for proper operation at least twice a year at six-month intervals by the certified technician. A copy of the maintenance contract shall be on file in the office of the administrative authority.
- 15.7 Effluent sampling. A sampling port shall be available at the discharge point of the aerobic treatment unit or shall be installed in the discharge line. All aerobic treatment unit systems having an open discharge shall be sampled in accordance with the requirements of NPDES General Permit No. 4 if applicable.