

Indiana Standards for Advanced Enviro-Septic™ Systems

These standards apply to Advanced Enviro-Septic™ soil absorption field technology manufactured by Presby Environmental, Inc.

I. General requirements:

- A. Advanced Enviro-Septic™ systems must be designed and installed according to the *Enviro-Septic® Wastewater Treatment System Indiana Design and Installation Manual for Residential Systems*, October 2005 Edition with March 2007 Revisions, except as modified in the *Technical Bulletin for Advanced Enviro-Septic™ in Indiana*, September 2010:
- the Advanced Enviro-Septic™ pipe is used in lieu of Enviro-Septic® pipe,
 - the Advanced Enviro-Septic™ pipe must be positioned to ensure that the white Bio-Accelerator™ is centered along the bottom of the pipe. The Advanced Enviro-Septic™ pipes include a label that is clearly marked “This Side Up” to ensure correct placement during installation
 - all systems must be vented,
 - the Advanced Enviro-Septic™ may be substituted for the Enviro-Septic® pipe in an Enviro-Septic® system; however, if a designer’s plan specifies Advanced Enviro-Septic™, Enviro-Septic® cannot be substituted for Advanced Enviro-Septic™.
- B. The systems must be designed and installed in a manner that complies with 410 IAC 6-8.2, *Residential Onsite Sewage Systems*, except Section 59(p), for all requirements not described in the documents listed above. Septic tank outlet filters [sec. 59(p)] are not required for Advanced Enviro-Septic™ soil absorption field technology.
- C. Advanced Enviro-Septic™ systems must comply with local ordinances, requirements and procedures.
- D. Revisions to any of these documents must be approved by the department.

II. Requirements for certification and oversight:

- A. Designers, installers, and all individuals involved in the permitting process must attend the “*Enviro-Septic® Designer and Installer Certification Course*” or its equivalent for the Advanced Enviro-Septic™ system presented by Presby Environmental, Inc., or its sanctioned representative, before they may design, install, or permit an Advanced Enviro-Septic™ system.
- B. Presby Environmental, Inc., or its sanctioned representative, must:
1. Notify the department, at least ten (10) working days in advance, of each “*Enviro-Septic® Designer and Installer Certification Course*” or its equivalent for the Advanced Enviro-Septic™ System offered in Indiana;
 2. Offer field demonstrations of Advanced Enviro-Septic™ system installations; and
 3. Provide designers and installers ongoing consultation, as needed.

III. Requirements for recordkeeping:

- A. Presby Environmental, Inc. must provide the department with records, on an ongoing basis, of:
 - 1. Individuals certified for the design, installation or permitting of the Advanced Enviro-Septic™ systems in Indiana; and
 - 2. Advanced Enviro-Septic™ systems installed in Indiana based on receipt of "System Installation Forms."
- B. Installers of Advanced Enviro-Septic™ systems must provide Presby Environmental, Inc., a completed "System Installation Form" for each new, repaired, and replacement or expanded Advanced Enviro-Septic™ system installed in a given month within five (5) working days of the following month.

IV. Requirements for local health departments, installers, and owners:

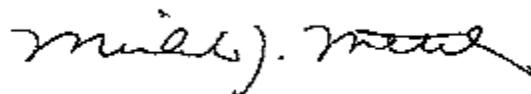
- A. Prior to construction of an Advanced Enviro-Septic™ system, the installer must notify the local health department, according to written procedures developed by the local health department, as to the start date of construction;
- B. An Advanced Enviro-Septic™ system must not be constructed during periods when the soil is sufficiently wet to exceed its plastic limit. **Before installation of the sand bed the soils must pass soil plasticity tests.** Soil plasticity tests of the sand bed site include the evaluation of soil samples throughout the sand bed site, both at the surface and at the depth of installation, to assure that the plastic limit of the soil is not exceeded. The plastic limit of a soil is exceeded when the soil can be rolled between the palms of the hands to produce threads one-eighth (1/8) inch in diameter that do not easily break apart or crumble.
- C. Construction of the Advanced Enviro-Septic™ system must proceed based on the approved plan. Any changes, alterations, or additions to the approved plan must be submitted by the installer to the local health department and approved prior to construction.
- D. After construction of the Advanced Enviro-Septic™ system:
 - 1. The owner must permit staff of the department and local health department to make observations of the system, and collect samples, at reasonable times.
 - 2. The owner must immediately notify the local health department if the system shows signs of failure as defined in 410 IAC 6-8.2-31.

Approval for the use of the Advanced Enviro-Septic™ system from Presby Environmental, Inc under these standards does not constitute an endorsement of this product.

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