

Innovative/Alternative System Approval
General Use per §1-309 of the
Wastewater System and Potable Water Supply Rules, effective January 1, 2005

#2004-02-R1 (2006 Renewal)

Vendor Information

Presby Environmental, Inc.
Route 117, P.O. Box 617
Sugar Hill, NH 03585

Technology Name

Enviro-Septic® Leaching System

Contact

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Technology Type

Septic Tank Effluent Treatment &
Distribution System

Expiration Date

November 1, 2008

Approval

The Enviro-Septic® Leaching System may be used as part of a subsurface wastewater disposal system approved under the Wastewater System and Potable Water Supply Rules, effective January 1, 2005 (Rules) under the following conditions:

1. The leaching systems must be designed, installed and operated in accordance with the Rules and as described in the Enviro-Septic® & Simple Septic® Leaching Systems Design and Installation Manual and the Vermont State Attachment filed with the Agency of Natural Resources (Agency) on November 29, 2004, other conditions in this approval, and conditions contained in a letter to David Presby dated January 26, 2007.
2. This approval is based on treatment only of domestic wastewater (Septic Tank Effluent) of low and moderate strength as specified in §1-519(a)(1)(C) & (D) of the Rules. An Enviro-Septic® Leaching System shall not be used as a filtrate effluent disposal system unless the system incorporates pressure distribution of the filtrate effluent.



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3. The system may be used for both new and replacement systems.
4. If the Rules are revised during the term of this approval, this approval shall be revised as needed to conform to the revisions.
5. Each application for use shall demonstrate the ability to construct a fully complying replacement system.
6. The Designer shall provide a copy of this approval letter to any landowner who is a prospective purchaser of an Enviro-Septic® Leaching System prior to the sale of the system and prior to the filing of any application for a site-specific approval by the Agency for the purchaser's property. The application filed with the Agency shall include the landowner's written acknowledgement of this approval letter. Prior to any sale of the property or completion of a sales agreement to sell the property, a copy of the site-specific permit shall be provided to the prospective purchaser.
7. The vendor shall submit an annual report to the Agency by April 1 of each year containing the following information for the 12 month period ending December 31 of the previous year:
 - A. The number of permitted systems installed in Vermont, including those permitted by the Agency and those permitted by Towns under authority of 24 V.S.A. Chapter 102.
 - B. The address of each installation.
 - C. The name of the owner at the time of installation and any known change in ownership.
 - D. All known problems or failures, with a brief summary of the cause and remedial measures taken.
8. When a project is subject to the Rules, site-specific permission for the use of this product is required in the form of a Water Supply – Wastewater Disposal System Permit.
9. A site-specific permit for the use of this product may be revoked if the system fails to function properly. Revocation of the permit will require that the use of the building be discontinued unless another wastewater disposal system is installed based on prior written approval by the Agency.
10. A town that regulates wastewater disposal systems under 24 V.S.A., Chapter 102 and whose ordinance permits, may approve use of an Enviro-Septic® Leaching System subject to all conditions in this approval.

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11. This approval is not a representation or guarantee of the effectiveness, efficiency or operation of an Enviro-Septic® Leaching System.

Design and Review Conditions

The following conditions will be used by the Department in reviewing permit applications that include an Enviro-Septic® Leaching System:

Equipment

- Enviro-Septic® Leaching System

Design and Application

- The leaching system shall be designed in accordance with the Rules, the approved Vermont State Attachment to the Enviro-Septic® & Simple Septic® Leaching Systems Design and Installation Manual, other conditions in this approval, and conditions contained in a letter to David Presby dated January 26, 2007. The designer shall assure that the system will properly function in all seasons.
- The designer must assess the ventilation path for the particular application and make any necessary provisions to assure proper flow and control of odor emissions, while complying with the provisions of the Rules, including minimum separation to seasonal high groundwater or bedrock.
- The designer shall include in the design a septic tank effluent filter with easy access for inspection and cleaning.

Installation Inspection

- The leaching system shall be installed accordance with the approved plans and under the instruction and guidance of an installer/inspector trained by the manufacturer.
- The leaching system shall be inspected by a Licensed Class 1 Designer or a Licensed Class B Designer, approved by the Vendor, during installation of the system and installation of any tanks before backfilling, and after backfilling and grading is complete. The inspection shall include checking for levelness of the pipes, and inspecting for damage and proper assembly.
- The Designer shall inspect all transport piping for proper installation and watertightness before backfilling.

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Permitting

- The permit shall run with the land.
- A copy of the permit shall be provided to any prospective purchaser prior to the sale.
- Each new owner of the property shall inform the appropriate Regional Environmental Office of the Agency within 30 days of the transfer of the property and include the name and mailing address of the new owner.

Effective May 4, 2007

by Roger Thompson, Jr.
Roger Thompson, Jr.
Regional Office Program Manager