



The State of New Hampshire  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**



**Thomas S. Burack, Commissioner**

From:   
Robert A. Tardif, P.E.  
Administrator

Date: August 5, 2010

At (Office): Water Division  
Subsurface Systems Bureau

Subject: **Advanced Enviro-Septic System Installation with recent change to ESHWT**

To: Designers

If an Enviro-Septic system was approved at the 2.5 foot separation to ESHWT from the bottom of the Enviro-Septic pipe prior to the recent department approval of the **Advanced** Enviro-Septic Treatment System which has been approved for 2.0 foot separation, we will allow the designer to submit amended plans reflecting this change (no new application and fee) under the following conditions:

1. The system design will remain the same other than the allowed 6 inch decrease in separation to ESHWT.
2. The system will be installed in strict accordance with the Presby Environmental, Inc. Technical Bulletin dated July 2010 including:
  - a. Ensure that pipes are positioned so that the white Bio-Accelerator™ is centered along the bottom of the pipe. The sewn seam has an attached label indicating "this side up".
  - b. Venting is mandatory for all AES systems.
  - c. Offset between the bottom of the AES pipe and the seasonal high water table is 24 in. minimum when meeting the following conditions:
    - i. Daily design flow is 600 gallons per day (gpd) or less,
    - ii. Soils with 51 – 60 mpi perc. rates require a minimum 65 ft. row length.
  - d. A minimum of 12 inches of System Sand is required around the perimeter of the EDA.
3. Amendments must be submitted to Concord prior to a request for inspection of the system (amendments will not be made in the field).