



COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
ONE WINTER STREET, BOSTON, MA 02108 617-292-5500

ARGEO PAUL CELLUCCI  
Governor

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Secretary

LAUREN A. LISS  
Commissioner

August 28, 2000

Kenneth E. Zoeller  
Zoeller Pump Co.  
P.O. Box 16347  
Louisville, Kentucky 40256

Re: Application for BRP WP 62  
Zoeller "WW" Residential Effluent Filter P/N 170-0078  
Transmittal Number: W010064

Dear Mr. Zoeller:

The Department has received your application, received on May 30, 2000, requesting approval of the above referenced filter. The Zoeller "WW" Residential Effluent Filter P/N 170-0078 ("Filter") is designed to be installed in the septic tank on the effluent pipe to filter out solids and prevent clogging of the soil absorption system. The Department has made no determination as to the extent, if any, that the Filter will improve the performance of an on-site sewage disposal system. The Department has completed its review of your submittal and hereby approves the use of the Zoeller 170-0078 septic tank effluent tee filter for residential flows of 1000 gallons per day or less in accordance with 310 CMR 15.289(4), Effluent Tee Filters, subject to the following conditions:

1. In accordance with 310 CMR 15.221(3), an access manhole with a minimum diameter of 20 inches shall be located over the effluent tee of the septic tank in which the Zoeller 170-0078 Filter is to be installed. That manhole must be extended to grade and the cover secured to prevent unauthorized access in accordance with 310 CMR 15.228. In addition, the manhole cover must clearly note (either painted with non-degradable paint or other permanent, identifiable markings) the system is equipped with a Zoeller Effluent Tee Filter.
2. Zoeller Pump Co. shall, in any contract for distribution or sale of the Filter, require that the distributor or seller provide the purchaser of the Filter with a copy of this letter prior to any sale of the filter. Additionally, prior to sale or distribution of the Filter, any seller or distributor of the Filter shall provide the purchaser of the Filter with a copy of this letter.

3. Prior to installation of the Filter in an existing system, the system owner shall submit an application and plan showing the proposed location and details of the installation of the Filter in the system to the local approving authority. If the system is a failed or failing, the system shall also be upgraded in accordance with 310 CMR 15.404.
4. In accordance with 310 CMR 15.227(6), when installed, the Zoeller 170-0078 Effluent Tee Filter must extend below the flow line at least to the following depths:

Liquid Depth in Septic Tank	Depth of Zoeller Filter Below Flow Line
4 feet	14 inches
5 feet	19 inches
6 feet	24 inches
7 feet	29 inches
8 feet	34 inches

5. The owner of a septic tank in which the Filter has been installed shall have a septage hauler, licensed by the local Board of Health in accordance with G.L.c. 111 s. 31A and 310 CMR 15.502, clean the Filter at least once every year. The system owner shall report, in writing, to the local Board of Health within 30 days of the date of cleaning every time the filter is cleaned.
6. The Zoeller Pump Co. shall provide the local Board of Health, when requested, the name(s) and license numbers of the licensed septage haulers in the town which have been trained by the manufacturer in the proper maintenance of the Filter, as specified by the Manufacturer and the Department.
7. When the Filter is proposed for new construction, the system plans submitted with the application must show the location and details for installation of the Filter and must comply with the provisions of 310 CMR 15.000.
8. This approval does not constitute approval for use of the Filter in lieu of a properly sized septic tank, including, but not limited to, the requirements for a properly sized septic tank for greywater when used in conjunction with a composting toilet, as described in 310 CMR 15.289(3)(a)(2).

Should you have any questions regarding this matter, please do not hesitate to contact Jim Murphy at (617) 292-5677.

Sincerely,

Lealdon Langley, Director  
Watershed Permitting Program

cc: Title 5 Contacts: SERO, WERO, CERO, NERO  
DEP, Millbury  
Local Boards of Health