



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

TRUDY COXE
Secretary

DAVID B. STRUHS
Commissioner

June 29, 1998

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

Re: Application for Effluent Tee Filter
Zoeller 170-023, 170-0016, and 170-0017 Septic Tank Outlet Filters

Dear Mr. Zoeller:

The Department has received your letter, dated March 17, 1998, requesting approval of the above referenced filters. The Department has completed its review of your submittal and hereby approves the use of Zoeller 170-023, 170-0016, and 170-0017 septic tank outlet filters in accordance with 310 CMR 15.289(4), Effluent Tee Filters, subject to the following conditions:

1. In any contract for distribution or sale of the Zoeller 170-023, 170-0016, or 170-0017 Septic Tank Outlet Filter, the distributor or seller must be required to provide the purchaser of the filter, prior to any sale of the filter, with a copy of this letter. Additionally, any seller of the Zoeller 170-023, 170-0016, or 170-0017 Septic Tank Outlet Filter must provide the purchaser of the filter with a copy of this letter prior to sale of the filter.
2. Prior to installation in an existing system, the system owner shall obtain approval from the local approving authority for the proposed modification of the system. If the system is a failed, failing, or nonconforming system, the system shall be upgraded in accordance with 310 CMR 15.404.
3. In accordance with 310 CMR 15.221(3), the septic tank in which a Zoeller 170-023, 170-0016, or 170-0017 Septic Tank Outlet Filter is to be installed must be equipped with a manhole with a minimum diameter of 20 inches. In addition, the manhole cover must clearly note (either painted with non-degradable paint or other permanent, identifiable markings) that the system is equipped with a Zoeller 170-023, 170-0016, or 170-0017 Septic Tank Outlet Filter.
4. In accordance with 310 CMR 15.227(6), when installed, the Zoeller 170-023, 170-0016, or 170-0017 Septic Tank Outlet Filter must extend below the flow line as follows:

This information is available in alternate format by calling our ADA Coordinator at (617) 574-6872.

Liquid Depth in Septic Tank	Depth of Zoeller Filter Baffle 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 system in which a Zoeller 170-023, 170-0016, or 170-0017 Septic Tank Outlet 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 design and construction of a system in which one of these filters is installed must comply with the provisions of 310 CMR 15.000.
7. The Department has made no determination as to the extent, if any, that the Zoeller 170-023, 170-0016, or 170-0017 Septic Tank Outlet Filter will improve the performance of an on-site sewage disposal system.
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 grey water 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 Christos Dimisoris at (617) 292-5912.

Sincerely,

Lealdon Langley
Acting Program Director
Watershed Permitting Program

cc: SERO, WERO, CERO, NERO
John Higgins/Millbury office

zoeller.app