



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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ELLEN ROY HERZFELDER
Secretary

LAUREN A. LISS
Commissioner

January 15, 2003

Ted Myers
Tuf-Tite, Inc.
500 Capital Drive
Lake Zurich, IL 60047

Re: Tuf-Tite Effluent Tee Filter, Model EF-4
Approval of Effluent Tee Filter, BRP WP62
DEP Transmittal Number: W 027928

Dear Mr. Myers:

Department has reviewed your application for Approval of the Tuf-Tite Effluent Tee Filter, Model EF-4 (Filter) and the information submitted with the application and has determined that the Filter will not cause any adverse effects to a Title 5 septic tank when used according to the manufacturer's specifications. The Department hereby allows the use of this Filter 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 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 Tuf-Tite Effluent Filter.
2. Tuf-Tite, Inc. 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 Filter must extend below the flow line at least to the following depths:

Liquid Depth in Septic Tank	Depth of 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 M.G.L.c.111 § 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. Tuf-Tite, Inc. 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.
- 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 contact John L. Ciccotelli at the DEP/Boston Office at (617) 292-5657.

Sincerely,

Alan D. Slater, P.E., Acting Director
Watershed Permitting Program

Cc: DEP CERO, NERO, SERO, WERO
DEP Millbury, John Higgins
Local Boards of Health