



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

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Secretary

ROBERT W. GOLLEDGE, Jr.
Commissioner

December 5, 2003

Gary Koteskey
GAG SIM/TECH Filter, Inc.
1455 Lexamar Drive
Boyne City, MI 49712

Re: Application for BRP WP 62
Approval of Effluent Tee Filter
STF-110 Disposable Septic Tank Effluent Tee Filter
DEP Transmittal Number: W044417

Dear Mr. Koteskey:

The Department received your application dated October 9, 2003, requesting approval of the above referenced filter. The Sim-Tech STF-110 Disposable Septic Tank Effluent Tee Filter ("Filter") is designed to be installed in the septic tank in the effluent tee pipe. The Department has completed a review of your application and the included information 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 **approves** the use of the Sim-Tech STF-110 Disposable Septic Tank Effluent Tee Filter for residential strength wastewater and greywater flows of 1200 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 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 Sim-Tech STF-110 Effluent Filter.
2. GAG Sim/Tech Filter, 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.

This information is available in alternate format. Call April McCabe, ADA Coordinator at 1-617-556-1171. TDD Service - 1-800-298-2207.

DEP on the World Wide Web: <http://www.mass.gov/dep>

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3. Prior to installation of the Filter in an existing system, the system owner shall notify and obtain approval from the local approving authority. If the system is failing or failed, 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, or by a qualified person or firm, replace the Filter at least once every year. The system owner, or the owner's representative such as the septage hauler, shall notify the local Board of Health in writing within 30 days of the date of each Filter replacement.
6. GAG Sim/Tech Filter, 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 installation of the Filter.
7. When the Filter is proposed for new construction, the wastewater treatment 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 Dana Hill at the DEP/Boston Office at (617) 292-5867.

Sincerely,

SIGNED

Sharon M. Pelosi, Director
Watershed Permitting Program