

State of Vermont  
Department of Environmental Conservation  
Drinking Water & Groundwater Protection Division  
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Agency of Natural Resources

April 17, 2017

Mr. Darrell Maves  
GAG Sim/Tech Filter Inc.  
1455 Lexamar Drive,  
Boyer City, Michigan, 49712

Dear Mr. Maves:

**SUBJECT: GAG Sim/Tech STF-110 series Bristle Filter Product Approval for Use as Septic Tank Effluent Filters in Vermont**

This letter is written in response to your e-mail of March 22, 2017 requesting approval of the STF-110 series bristle filters manufactured by GAG Sim/Tech Inc. in accordance with the Vermont Environmental Protection Rules, Chapter 1, Wastewater System and Potable Water Supply Rule effective September 25, 2007. You have indicated that the filter comes in four sizes:

- **STF-110** 4" yellow brush filter
- **STF-110/6W** 6" white brush filter
- **STF110/7R** 7" red brush filter
- **STF-110/8B** 8" blue brush filter

In addition, you have provided the following information:

- **Company Name:** GAG Sim/Tech Filter Inc <http://www.gag-simtech.com/>
- **Address:** 1455 Lexamar Drive, Boyer City, Michigan, 49712
- **Contacts:** Darrell Maves or Gary Koteskey, phone 888-999-3290, email [sales@gag-simtech.com](mailto:sales@gag-simtech.com)
- **US Patent:** # 6,811,692
- **Product features and design:** [http://www.gag-simtech.com/index\\_files/Page650.htm](http://www.gag-simtech.com/index_files/Page650.htm)
- **Product installation & maintenance instructions:** We understand that you recommend annual inspections, including cleaning or replacement, and a well-maintained filter may last up to 3 years. <http://gag-simtech.com/Instructions/Bristle%20Filter%20Instructions.pdf>
- **Product third party verification:** Gary B. Johnson, PE (Michigan #32831), November, 2001
- **Existing product approvals:** Delaware (Apr. 22, 2010), New Mexico (Nov. 3, 2005), Massachusetts (Dec. 5, 2003), Oregon (April 1, 2002), Florida (Feb. 8, 2002), Ohio (Dec 5, 2001)



Section § 1-904(e) of the Vermont Rules states “All septic tank installations shall include an effluent filter that has been tested and shown to prevent the passage of solids larger in size than 1/8th inch.” Based on the design information and third party testing information you have submitted it appears that the F-110 series bristle filter manufactured by GAG Sim/Tech Inc. meets the requirements of the Rules and therefore we approve these products to be used in septic tank installations in Vermont. Please do not hesitate to contact me if you have any questions.

Sincerely,



Dr. Graham Bradley  
*Innovative Alternative Wastewater System Approvals*