

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH



Raul Pino, M.D., M.P.H.
Commissioner

Dannel P. Malloy
Governor
Nancy Wyman
Lt. Governor

Environmental Health Section

October 25, 2018

Wayne Burritt, President
Waste Engineering, Inc.
78 Cross Highway
Redding, CT 06896

Re: GLF 72 Series GreenLeach Filter Proprietary Leaching System Product Approval

Dear Mr. Burritt:

This program has reviewed the documentation you submitted on the GLF 72 Series GreenLeach Filter proprietary leaching system. The product is identical to the currently approved GreenLeach Filter proprietary leaching system except for the fact that the GLF 72 Series product will be 72 inches wide. The product "finger" lengths will be slightly longer resulting in each finger being 30 inches long.

A total of nine different product heights have been submitted for approval. The height dimensions used to determine the effective leaching area (ELA) credit for each product are from the bottom of the product to the invert of the distribution pipe. It should be noted that the overall product heights are at least an additional 4 inches greater than the distribution piping invert height. The calculated ELA credits for the GLF 72 Series GreenLeach Filter proprietary leaching system using the nine different distribution piping invert heights are as follows:

Product Name	Dimensions (W x H)	Effective Leaching Credit (SF/LF)	Center to Center Spacing (feet)
GLF 12-72	72" x 12"	10.1	14
GLF 15-72	72" x 15"	12.1	14
GLF 18-72	72" x 18"	14.1	14
GLF 21-72	72" x 21"	16.1	14
GLF 24-72	72" x 24"	18.2	14
GLF 27-72	72" x 27"	20.2	14
GLF 30-72	72" x 30"	22.2	14
GLF 33-72	72" x 33"	24.2	14
GLF 36-72	72" x 36"	26.2	14



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Installation of the GLF 72 Series product is identical to all other GreenLeach Filter proprietary leaching systems. Updated installation instructions for all GreenLeach Filter products has been resubmitted with this application. Any changes to these instructions must be forwarded to this office for our files. The product manufacturer has indicated that they typically directly supervise the assembly and installation of the products together with the licensed sewage system installer in most GreenLeach product installations.

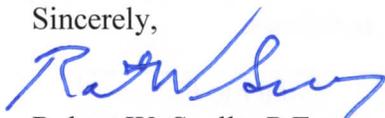
It should also be noted that the product manufacturer has agreed to label all GreenLeach Filter products including the GLF 72 Series product for field identification purposes. The product model number will be stenciled on the fabric covering. The product manufacturer has recently reaffirmed this practice of product labeling.

The product manufacturer had requested in the past to allow for some of the GreenLeach Filter product installations to install filter fabric on the bottom of the trench excavation prior to the placement of the units. The product manufacturer has indicated that this practice was never implemented and would like to rescind this option of installation. This office acknowledges the discontinuance of this practice.

This program had previously received H-20 wheel loading details and specifications for the GreenLeach Filter proprietary leaching system dated March 3, 2010. The submittal authorized placement of the GreenLeach Filter proprietary leaching system in vehicular travel areas when installed in accordance with the submitted documentation. Waste Engineering, Inc. has also authorized the GLF 72 Series for placement in vehicular travel areas.

This Department hereby APPROVES the GLF 72 Series GreenLeach Filter proprietary leaching system products with the above noted ELA credits and center-to-center spacing. The GLF 72 Series GreenLeach Filter proprietary leaching system will be incorporated into the next revision of the *Technical Standards for Subsurface Sewage Disposal Systems*. This letter may be reproduced in its entirety as a means of notifying local health departments, engineers and installers of the product approval. This approval should not be construed to be an endorsement of this product, nor does it convey intellectual property rights

Sincerely,



Robert W. Scully, P.E.
Supervising Sanitary Engineer
Environmental Engineering Program

Cc: Code Advisory Committee
Local Directors of Health
Chief Sanitarians