



# STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL HEALTH SECTION  
ENVIRONMENTAL ENGINEERING PROGRAM

October 7, 2010

David Potts  
Geomatrix Systems, LLC  
114 Mill Rock East  
Old Saybrook, CT 06475

Re: GST 37 Series Proprietary Leaching System Approval

Dear Mr. Potts:

This Department has reviewed the documentation you submitted on the GST 37 Series proprietary leaching systems. The product is identical to the currently approved GST 62 Series proprietary leaching system except for the fact that the Series 37 product is essentially the currently approved product cut in half widthwise. Therefore the product width is only 37 inches wide as opposed to a width of 62 inches and only one side of the stone "fingers" are present. Also consistent with the currently approved GST 62 Series, the 37 Series consists of product heights of 6, 12, 18, 24, 30 & 36 inches. Product materials and installation procedures are identical to the approved Series 62 product.

A total of six different GST 37 Series products of various heights have been submitted for approval. The calculated effective leaching area (ELA) credits for the GST 37 Series leaching system products are as follows:

Product Name	Dimensions (W x H)	Effective Leaching Credit (SF/LF)	Center to Center Spacing (feet)
GST 3706	37" x 6"	3.6	8
GST 3712	37" x 12"	5.9	10
GST 3718	37" x 18"	8.2	10
GST 3724	37" x 24"	10.5	12
GST 3730	37" x 30"	12.9	12
GST 3736	37" x 36"	15.2	12

Installation instructions were provided to this Department and are dated September 10, 2010. Any changes to these instructions must be forwarded to this office for our files. The installation instructions also stipulate that installations of GST products must be completed in the presence of an authorized Geomatrix representative or Geomatrix Systems, LLC must certify the installer. Storage volumes per linear foot of product have also been provided. This information shall be used to aid in the setting of the dose volumes in pump systems.



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An Equal Opportunity Employer

You advised me in an October 1, 2010 phone conversation that you will supply this Department with a professional engineer sealed H-20 wheel load detail for vehicular travel area applications for the GST 37 Series proprietary leaching system. Once the supporting documentation is received, this Department will include the GST 37 Series products on our list of approved proprietary leaching systems for vehicular travel applications.

This Department hereby APPROVES the Geomatrix GST 37 Series leaching systems with the noted ELA credits and center-to-center spacing. The Geomatrix GST 37 Series proprietary leaching systems will be incorporated into the next revision of the Technical Standards. 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

C: Suzanne Blancaflor, M.S., M.P.H., Chief, Environmental Health Section, DPH  
Code Advisory Committee  
Local Directors of Health  
Chief Sanitarians