



# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH

June 16, 2006

David Potts  
Geomatrix, LLC  
385 Roast Meat Hill Road  
Killingworth, CT 06419

NOTE: The names GeoMaxx WE 1200 & GeoMaxx ST 1200 have been changed to GeoMat Edge WE 1200 & GeoMat Edge ST 1200

Re: Geomatrix GeoMaxx WE 1200 & ST 1200 Leaching System Approvals

Dear Mr. Potts:

The Department of Public Health, Environmental Engineering Program (Department) has reviewed the documentation you submitted on Geomatrix's GeoMaxx WE 1200 and ST 1200 leaching systems. The GeoMaxx 1200 Series utilize GeoMat 1200 internal components, which are comprised of fused, entangled filaments surrounded with geotextile filter fabric. The GeoMat 1200 products have dimensions of 1 inch by 12 inches and are utilized in 6 feet lengths. Multiple GeoMats surrounded on the bottom and sides by sand are configured in a row with the GeoMats orientated such that they are 12 inches high. The bottom 1-inch edge of the GeoMats can be either open or covered with filter fabric depending upon site conditions. Four inches of ASTM C-33 sand is placed between the GeoMats, and the GeoMats are placed on a 1-inch minimum thick ASTM C-33 sand bed. The GeoMaxx WE 1200 system utilizes a distribution pipe and distribution mat on top of the GeoMats, whereas, the GeoMaxx ST 1200 system utilizes a distribution pipe and stone on top of the GeoMats.

The calculated effective leaching area (ELA) credits for the GeoMaxx WE 1200 and ST 1200 leaching system products are as follows:

<u>Product</u>	<u>ELA Credit</u>	<u>Spacing</u>
GeoMaxx WE 1200	27.2 sq. ft. per lf.	30 ft.
GeoMaxx ST 1200	27.2 sq. ft. per lf.	30 ft.

The Department hereby **APPROVES** the Geomatrix GeoMaxx WE 1200 and ST 1200 proprietary leaching system products with the above noted ELA credits and center-to-center spacing. No test information was submitted on the products relative to vehicle loads, therefore they should not be utilized in vehicular travel areas. The leaching systems can be utilized with low-pressure distribution systems or gravity flow applications. The latter method requires that the distribution pipe on top of the distribution mat or stone be approved distribution pipe (Technical Standards for Subsurface Sewage Disposal Systems-Table 2-C).

Phone: (860) 509-7296



Telephone Device for the Deaf: (860) 509-7191  
410 Capitol Avenue - MS # 51-SEW  
P.O. Box 340308 Hartford, CT 06134

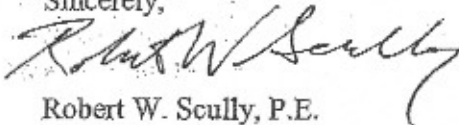
*Affirmative Action / An Equal Opportunity Employer*

David Potts  
June 16, 2006  
Page 2

Your correspondence and the product specification sheets stated that documentation contains trade secret information and it is not releasable under FOI request pursuant to Connecticut General Statute Section 1-210 (b) (1). As you know the Department has requested guidance from the Office of the Attorney General on issues related to trade secret disclosure restrictions. Please be aware that all proprietary manufacturers are required to provide product information (dimensions, cross sections, cover requirements, etc) to sewage system plan designers, and provide detailed installation instructions to systems installers and local health department inspectors. Leaching system products could not be approved and permitted by local health departments without such documentation.

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.

Sincerely,



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

- C: Ellen Blaschinski, Chief, Regulatory Services Branch, DPH
- Suzanne Blancaflor, Chief, Environmental Health Section, DPH