

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH



Manisha Juthani, MD
Commissioner

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Governor
Susan Bysiewicz
Lt. Governor

Environmental Health and Drinking Water Branch

November 7, 2023

Mariya Moskovets
Infiltrator Water Technologies
4 Business Park Road
P.O. Box 768
Old Saybrook, CT 06475

Re: Infiltrator Water Technologies Quick 5 Standard and Quick 5 Equalizer 36 Proprietary Leaching System Approvals

Dear Ms. Moskovets:

This program has reviewed the documentation you submitted on the Infiltrator Water Technologies Quick 5 Standard and Quick 5 Equalizer 36 proprietary leaching products. Both Quick 5 chambers are manufactured in 5-foot lengths and have “articulating overlapping joints” to allow built-in contouring capability. These products are similar to the currently approved Infiltrator Water Technologies Quick 4 products with respect to height and width.

Multiport Endcaps are proposed to be utilized with an 8-inch invert for the Quick 5 Standard and a 6-inch invert for the Quick 5 Equalizer 36. Infiltrator Water Technologies is requesting that these products be installed either backfilled with approved aggregate or covered with filter fabric (draped overtop the chamber) and backfilled with select fill / native material. When backfilled with native material not meeting select fill standards, a reduced credit will be given. The filter fabric used to cover the Quick 5 chambers must meet Infiltrator Water Technologies specifications. Infiltrator Water Technologies is also requesting that the products be allowed to be installed in gallery configuration.

The calculated effective leaching area (ELA) credits for the Infiltrator Water Technologies Quick 5 leaching system products backfilled with approved aggregate are as follows:

Product Name	Dimensions (W x H)	Effective Leaching Credit (SF/LF)	Center to Center Spacing (feet)
Quick 5 Standard	34” x 12”	3.7	7
Quick 5 Equalizer 36	22” x 12”	2.7	7



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The calculated effective leaching area (ELA) credits for the Infiltrator Quick 5 leaching system products covered by filter fabric backfilled with select fill are as follows:

Product Name	Dimensions (W x H)	Effective Leaching Credit (SF/LF)	Center to Center Spacing (feet)
Quick 5 Standard	34" x 12"	3.0	7
Quick 5 Equalizer 36	22" x 12"	2.3	7

Installation of the Quick 5 products are identical to the currently approved Quick 4 products. The trench excavation width for each Quick 5 product is as follows: Standard: 36-inches and Equalizer 36: 24-inches. Infiltrator Water Technologies has updated their installation instructions to include the new Quick 5 products.

No documentation was submitted indicating the products are designed for H-20 vehicular wheel loading applications. Please provide this office with H-20 loading supporting documentation if the Infiltrator Water Technologies Quick 5 proprietary leaching systems are to be used for vehicular wheel loading applications.

This Department hereby APPROVES the Infiltrator Water Technologies Quick 5 Standard and Quick 5 Equalizer 36 proprietary leaching products with the noted ELA credits and center-to-center spacing. These 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,



Matthew A. Pawlik, PE, RS
Supervising Environmental Engineer
Environmental Engineering Program

C: Jim Vannoy, Chief, Environmental Health Section, MPH, DPH