

Well and Onsite Wastewater Facts

WASTEWATER TECHNOLOGY

FSN - 9

Loudoun County Health Department

July 2016

Component Type: Treatment

Function: A textile media filter provides secondary treatment or better.

Manufacturers:

AdvanTex – Orenco
814 Airway Ave.
Sutherlin, OR 97479

First approved in Virginia: 2001

Number installed in Loudoun County: 65

Allowance to reduce dispersal field footprint: Yes

Description of Use

The AdvanTex filter is pictured sitting above the septic tank in the picture on the right. The AdvanTex Filter consists of a fiberglass basin filled with an engineered textile material. This highly absorbent material treats a tremendous amount of wastewater in a very small space. Similar to peat and sand the textile creates a large surface area for microorganisms to grow. As a result, these systems are typically capable of removing up to 99% of the polluted matter (characterized as BOD, SS and fecal coliform) and up to 70% of the nitrogen.

Recommended Maintenance Required

Orenco requires a maintenance contract to be in place for their systems at all times. Without the maintenance contract in place, their warranty is void. They have telemetry connected to all their systems and can make service calls when they receive an alarm. The systems are normally visited twice per year.

Textile Media



Advantex
(with septic tank)