

MEMORANDUM

Date: February 10, 2014

To: Environmental Health Managers
District Health Directors
Virginia Tech Contract Soil Scientists
Authorized Onsite Soil Evaluators

From: C. Kemper Loyd, P.E., Technical Services Engineer
Office of Environmental Health Services

Subject: Approval of Infiltrator Model IM-1530, 1509-gallon Low Profile Septic Tank for use in Virginia when used with an effluent filter

Approval: The subject tank does not meet the following *Sewage Handling and Disposal Regulations* (12VAC5-610-815) criteria:

- 48" minimum liquid depth (44" provided)
- 12" minimum freeboard (10.1" provided)
- 2:1 to 3:1 length to liquid depth ratio (4.0:1 provided)
- 1-2" inlet-to-outlet drop (3" provided)

However, after reviewing the information provided by Infiltrator Systems, Inc., the Office of Environmental Health Services approves the tank for use in Virginia when used with an NSF-certified effluent filter.