

1.4.2.3 Gravelless System Product Approvals

Manufacturers seeking approval of a gravelless system product (e.g., chamber or synthetic media) as an alternative to drainfield aggregate shall submit product information to the DEQ on-site wastewater coordinator for review by DEQ and TGC. In addition to product information described in section 1.4, manufacturers must submit NSF/ANSI Standard 240 approvals, reports, and associated data. Any additional third-party standards evaluated for the gravelless system product must also be submitted including approvals, disapprovals, reports, and associated data.

DEQ will issue gravelless system product approval with associated sizing reduction allowances. Sizing reductions will be determined by analyzing the open trench bottom area, associated sidewall area, and storage capacity in comparison to a standard trench. Each component will be analyzed independently and compared to a standard trench, taking into account NSF/ANSI Standard 240 data. Reductions provided may be allowed up to a maximum of 25%.

Approval of products that have not undergone NSF/ANSI Standard 240 will not be considered for sizing reductions.

1.4.2.4 All Other Product Approvals

All other wastewater products intended for installation in a subsurface sewage disposal system shall follow the process outlined in section 1.4 of this manual. If a product has been evaluated and meets a standard developed by NSF/ANSI, the product may be reviewed and approved for use by DEQ without TGC recommendation. For products that have not undergone NSF testing and certification, the necessary materials as described in section 1.4 must be submitted to DEQ for review by the TGC for approval recommendation.

1.5 Installer's Registration Permit

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An installer is considered any person, corporation, or firm engaged in the business of excavation for, or the construction of, subsurface sewage disposal systems (IDAPA 58.01.03.003.19). Per IDAPA 58.01.03.006.01, all installers must obtain either a standard/basic or complex installer's registration permit. These permits may be obtained from any health district in the state and may be used for installing subsurface sewage disposal systems throughout the state regardless of the health district through which the registration permit was obtained. Standard/basic installer's registration permit holders are limited in the type of subsurface sewage disposal systems that may be installed. Complex alternative installer's registration permit holders may install all systems that are allowed by the standard/basic registration permit and all of the following complex alternative systems:

- At-grade soil absorption system
- Drip distribution systems
- Evapotranspiration and evapotranspiration/infiltrative systems
- Experimental systems
- Extended treatment package systems
- Pressurized grey water systems