

drainfield disposal area or for separation reductions to limiting layers. All approved PWTPs shall be installed by a permitted complex installer. Approved PWTPs are listed in section 5.14.

PWTPs may also require periodic operation and maintenance. The O&M provider for all PWTPs shall be determined on a case-by-case basis by the TGC and may be a property owner or an approved service provider. If a PWTP is approved, permitted, and installed with a nitrogen reduction limit that exceeds the nitrogen reduction limit of a recirculating gravel filter, the O&M provider for the PWTP shall be an approved service provider, and the system shall follow the same operation, maintenance, monitoring, and reporting requirements as ETSPs. If a nitrogen reduction limit is approved for a PWTP, it shall be listed in section 5.14.

#### **1.4.2.5 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**

Revision: July 22, 2015

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
- Individual lagoons
- Pressure distribution or transport systems
- Recirculating gravel filters
- Intermittent sand filters
- Pretreated enveloped in-trench sand filters
- Pressurized in-trench sand filters

- Sand mound
- Subsurface flow constructed wetland
- Two-cell infiltrative systems
- Drainfield remediation components
- Large soil absorption systems

### **1.5.1 Initial Installer's Registration Permit Issuance**

To obtain an initial installer's registration permit, the prospective installer shall complete the following:

1. Submit an installer registration permit application to one of the health districts (IDAPA 58.01.03.006.04).
2. Submit a bond to the health district in a form approved by DEQ and in the sum applicable to the permit type sought as specified in IDAPA 58.01.03.006.05.
3. Pay the applicable permit application fee as set by the individual health district's board of health (fees may vary from district to district based on program costs).
4. The applicant shall attend a scheduled installer training class or view the installer video prior to taking the required installer examination.
5. Pass the installer examination administered by the health district with a score of 70% or higher (IDAPA 58.01.03.006.02).

### **1.5.2 Installer Registration Permit Renewal**

All installer registration permits shall be renewed annually (IDAPA 58.01.03.006.03). To renew an installer registration permit, the following items must be completed:

1. The health district issuing the registration permit must receive items 1 through 3 as described in section 1.5.1.
  - a. A bond continuation form may be substituted in lieu of a new bond upon registration permit renewal.
  - b. If the installer registration permit is to be upgraded from a basic/standard registration permit to a complex alternative system registration permit at the time of renewal, then the complex installer shall attend a complex class or video, and the complex installer examination shall also be taken.
2. The applicant must attend a refresher course at least every third year meeting the requirements as described in section 1.5.2.1.

#### **1.5.2.1 Refresher Course Requirements**

Installer refresher (continuing education) courses must be attended every 3 years to renew an installer registration permit per IDAPA 58.01.03.006.03. All refresher courses used to fulfill the refresher course requirements for an installer's registration permit must be approved by DEQ. Installer refresher courses delivered by the health district or DEQ are approved courses. All other courses proposed to be held by non-DEQ or health district organizations to fulfill the refresher course requirements must submit an agenda and curriculum to DEQ's on-site wastewater