

4.8.4 Construction

Procedures relating to construction are required by IDAPA 58.01.03 or may be required as permit conditions, as appropriate, to ensure the protection of public health and the environment.

1. Installation

- a. A licensed complex system installer must install an ETPS unit and all other portions of the septic system connected to the ETPS unit or that the ETPS unit discharges to (IDAPA 58.01.03.006.01.b).
- b. A public works contractor may install an ETPS unit if they are under the direct supervision of a PE licensed in Idaho.
- c. Licensed plumbers and electricians will be required to install specific devices and components for proper system operation. If the device requires any on-site fabrication or component assembly, a public works contractor should be used.
- d. A sample port will be installed in the effluent line after the aerobic treatment unit. All ETPS units are required to have an easily accessible sample port for sampling treated effluent. If the design of the ETPS unit does not provide a sample port, a sampling port with a riser to the surface and a sealed cap will be installed in the effluent line at the point where it exits the ETPS unit. Figure 4-13 shows an example of the placement of a sampling port after the ETPS unit, and Figure 4-14 shows an example of the sample port and drainfield after the septic and treatment tank.

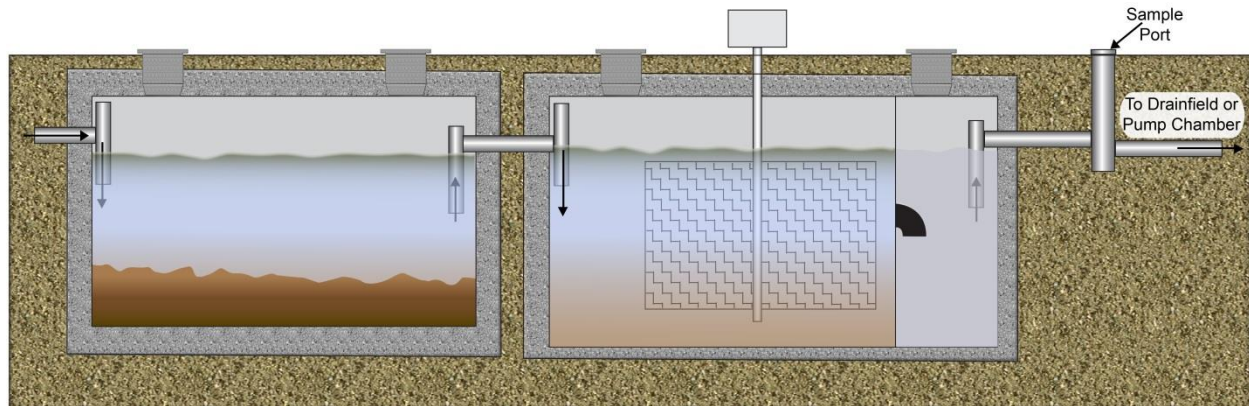


Figure ~~Error! No text of specified style in document.-134-13~~. Sampling port example.

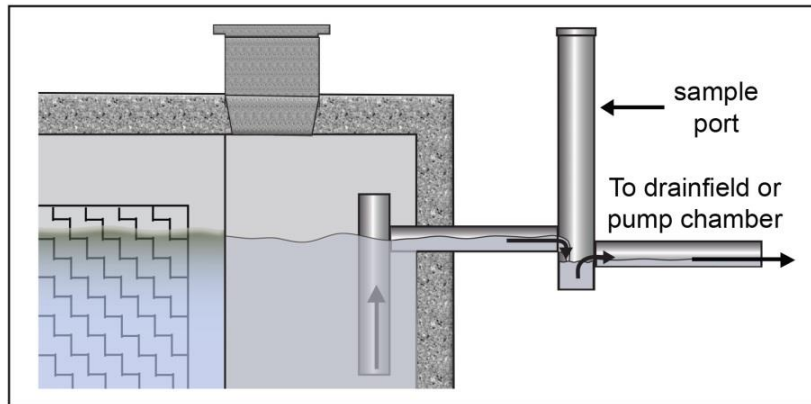
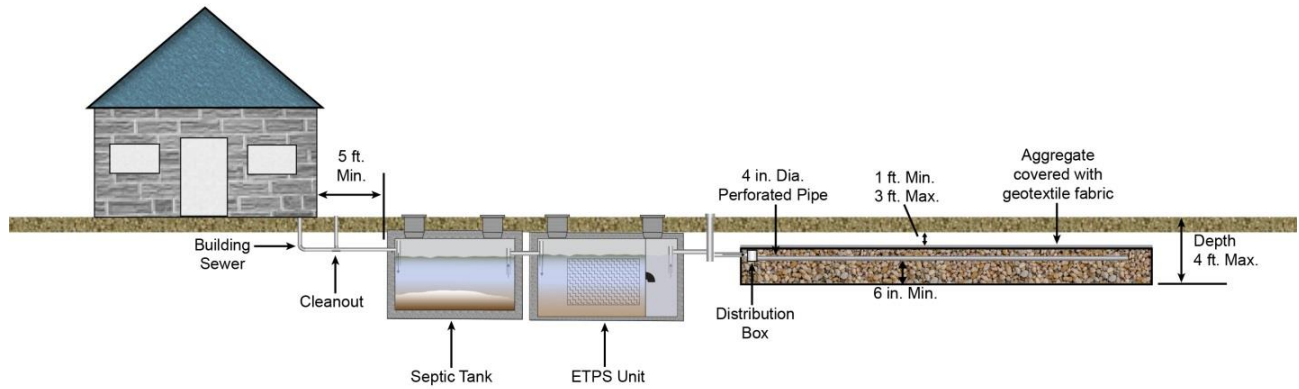


Figure Error! No text of specified style in document.-144-14. Sampling port and drainfield.

2. Within 30 days of completing the installation, the property owner must provide certification to the regulatory authority, from their manufacturer's representative, that the system has been installed and is operating in accordance with the manufacturer's recommendations (IDAPA 58.01.03.005.15).
 - a. A statement requiring the submission of the installation verification form described above will be written on the face of the subsurface sewage disposal permit.
 - b. The regulatory authority will not finalize the subsurface sewage disposal permit until the certification of proper installation and operation is received and includes information on the manufacturer, product, model number, and serial number of the ETPS unit installed.

