

Trench Drainfields

Trenches are the most common type of drainfield. This system is composed of a minimum of 2 runs, each a width of three feet maximum and within four feet of the surface. The runs are separated by 6 or 9 feet.

There are two kinds of trenches allowed in the FDHU area:

The Chamber Trench

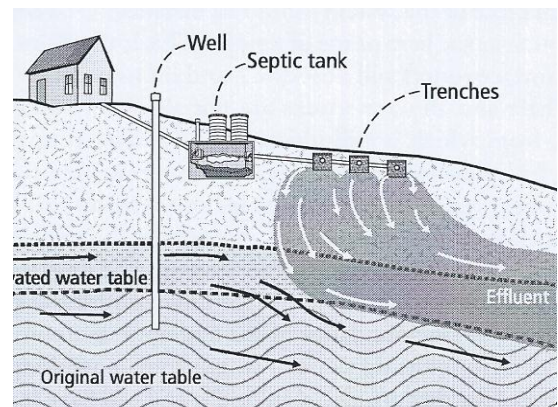


or

The Rock and pipe Trench



Once the raw wastewater gets separated in the septic tank, the liquid layer will travel to the trench and be infiltrated. Through the soil, the water will be treated by filtration and biological processes (i.e. microorganisms). In a properly functioning system, the water will reach the underground water in a completely clean state.



Trenches have better oxygen transfer than beds but need more room to be installed. Normally, if the conditions are favorable, trenches are preferred due to the increased oxygen transfer rate.