

Bed Drainfields

A bed is a wide underground area (commonly 12 feet) prepared to accept effluent from the septic tank. The construction of a bed is nearly the same as that of a trench system.

There are two kinds of materials for the construction of a bed:

The Chamber Bed

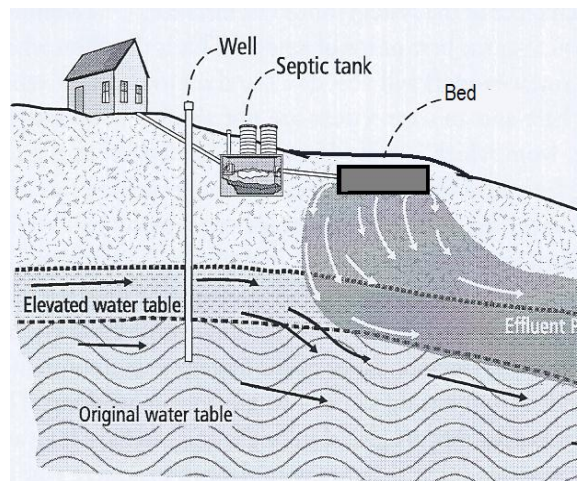


or

The Rock and Pipe Bed



Once the raw wastewater gets separated in the septic tank, the liquid layer will travel to the bed 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 be reaching the underground water in a completely clean state.



A bed needs less room to be installed than a trench system but the oxygen supply in the dispersal is limited and can reduce its performance. This system will be designed bigger than a trench (1.5 times sq ft area of trenches) and will be chosen only if the available area is limited.