

liquids and gas. The liquids are discharged by gravity flow into your soil absorption drain field. The gas is released through the vent system.

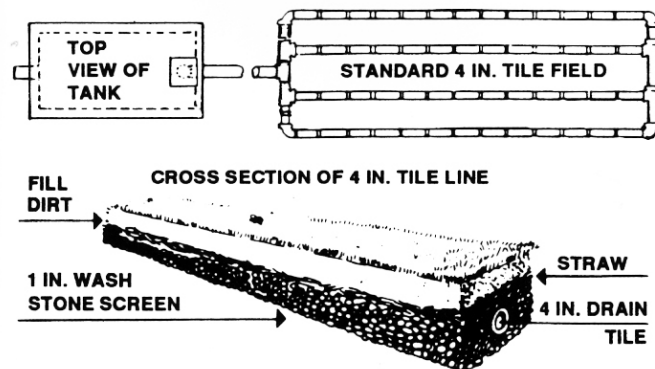
Your septic drain field was constructed to specific depth requirements of your local building and health authorities to provide natural drainage for the effluent liquid coming out of your septic tank. Here, the water is further purified by filtration and decomposition by micro-organisms in the soil. The purified waste water then moves to the groundwater system.

WHAT IS A SEPTIC SYSTEM

It consists of your plumbing fixtures and pipes in your house, the sewer service lines running into your septic tank, an air vent, a septic tank with an outlet discharging wastes into an effluent soil absorption drain field.

When your septic system is suitably located, adequately designed, correctly installed and properly maintained, you will have a waste disposal system that is safe and effective. A maintenance program is the key to extending the life of your septic system and preventing damage to your property, which can be very costly when trouble occurs.

WHAT YOUR SEPTIC SYSTEM LOOKS LIKE:



Your septic drain field is located at specific minimum distances from your house, septic tank, swimming pool and property lines; all determined by local building and health codes.

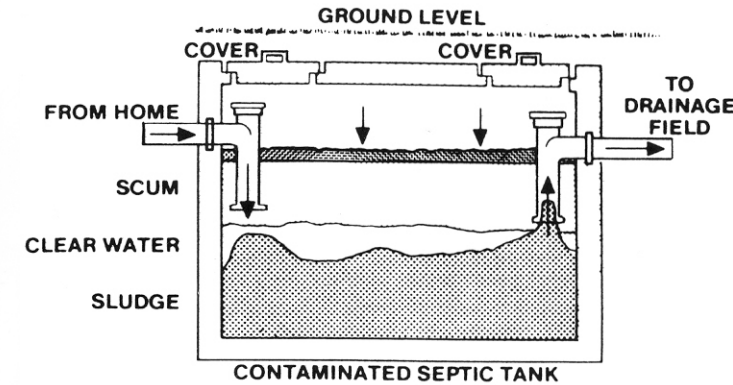
Perforated pipes are connected to your septic tank's discharge outlet pipe and run the length of your drain field, which is normally constructed over a bed of crushed rock and sand. Solid wastes are prevented from flowing into your drain field by a baffle on the outlet of your septic tank. Thus, only liquids drain into your septic absorption field for decomposition.

HOW YOUR SYSTEM WORKS

A septic system has two basic working parts: a septic tank and a soil absorption field or seepage bed.

Wastes flow from your kitchen sink, bathrooms and washing machines into your septic holding tank. The wastes going into your septic tank include solids that are separated to the bottom and partially decomposed by bacteria to form sludge. Some solids float and form a scum mat on top of the water. Your septic tank also fills with water.

The solid waste in your septic tank is worked on by anaerobic bacteria and is broken down into



WARNING SIGNS OF A CONTAMINATED TANK

- Sluggish drains
- Plumbing backup in your bathroom and kitchen
- Awful odor in your drains or yard
- Mushy ground or greener grass in septic tank area

Your system should be pumped out every 1-3 years. This will help you avoid the disasters that will and do occur.

RECOMMENDED INSTALLATION DIAGRAM

MINIMUM ISOLATION DISTANCES

