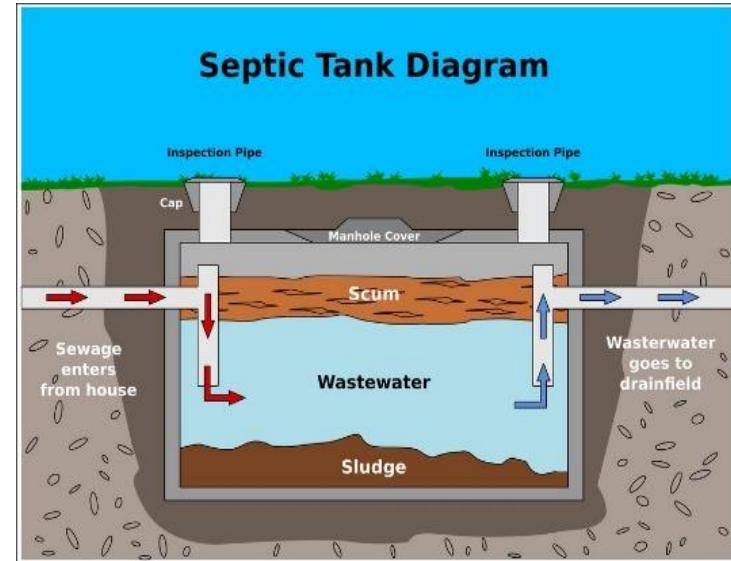


Septic tank odor

Introduction

The first septic tank as we know it was invented in 1860.. Today, septic tanks are popular solutions to waste management in country homes and are effective at filtering waste as it enters soil.

A septic tank is a buried container that is part of a waste removal system for homes that are not connected to a sewer system. They work in conjunction with a drain field and a series of pipes to remove waste from a home. Many homes in the country that do not have access to a city's sewer system utilize a septic system to remove wastewater.



A septic tank is a water-tight container that receives all water drained from a home. When waste collects in a septic tank, it separates into 3 layers: scum, effluent, and sludge.

Scum is the top layer of waste in a tank. It comprises of oils and fats that float to the top of water when given time to sit. Scum is a byproduct of cooking grease, soap, and other fats that may stem from cleaning products or washing hands.

Effluent is the middle layer of waste that is composed of water leftover after scum has floated to the top and sludge has sunk to the bottom of the tank. Effluent is pumped through the tank outlet into the drain field, where it is dispersed into soil.

Sludge is the bottom layer of waste in a septic tank. It is comprised of solid waste that sinks to the bottom of the tank as it separates from water. Sludge also consists of byproducts of other waste that decomposes in the tank

The septic system owner will occasionally encounter odors. These odors are often as a result of gases that are a by-product of the processes in the septic tank, specifically the digestion of organic waste by anaerobic bacteria. The gases include carbon dioxide, hydrogen sulfide (this is the gas that emits a rotten-egg kind of odor), and methane. These gases are not only toxic and irritating but also potentially explosive

Solution

Valens Company is a pioneer in the field of treating **septic tank odor**. In implementing its solutions, it relies on advanced, promising, fast, and well-established technology. It does not limit itself to mask odor but it completely eliminates it from its source. It builds in its solutions on emphasizing data, the human mind, the modernity of the machine, and alternatives to materials, and through the integration of processes, magnificent results and brilliant outputs are achieved.

Benefits

- Rapid reduction in VOC's and odor
- Suitable for all septic systems .
- Breaks down fat layers to boost septic system performance .
- Rapidly removes rather than masks odors .
- Digests solids reducing cost of pump-outs .
- Ground water pollution is significantly reduced .
- Fast acting, easy application .
- Economic quarterly treatment

Contact

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