

## ACE BOBCAT INFORMATION NEWSLETTER

### WHAT IS A SEPTIC SYSTEM? Why Maintain it?

An onsite septic system is designed to help remove dangerous pathogens and viruses that can result in illness and pollution in our community. Ensuring septic systems are well maintained will help protect local water quality and reduce the risks of a health hazard to the occupants of the home and surrounding properties.

When septic systems malfunction, untreated or partially treated wastewater can be exposed. Ensuring your system is properly maintained will reduce the risk of a potential health and environmental hazard.

There are three categories of onsite systems, type 1, 2 or 3. Type one is a basic system with a septic tank and septic field, type two systems have an added treatment method and type three usually means addition of ultraviolet disinfection.

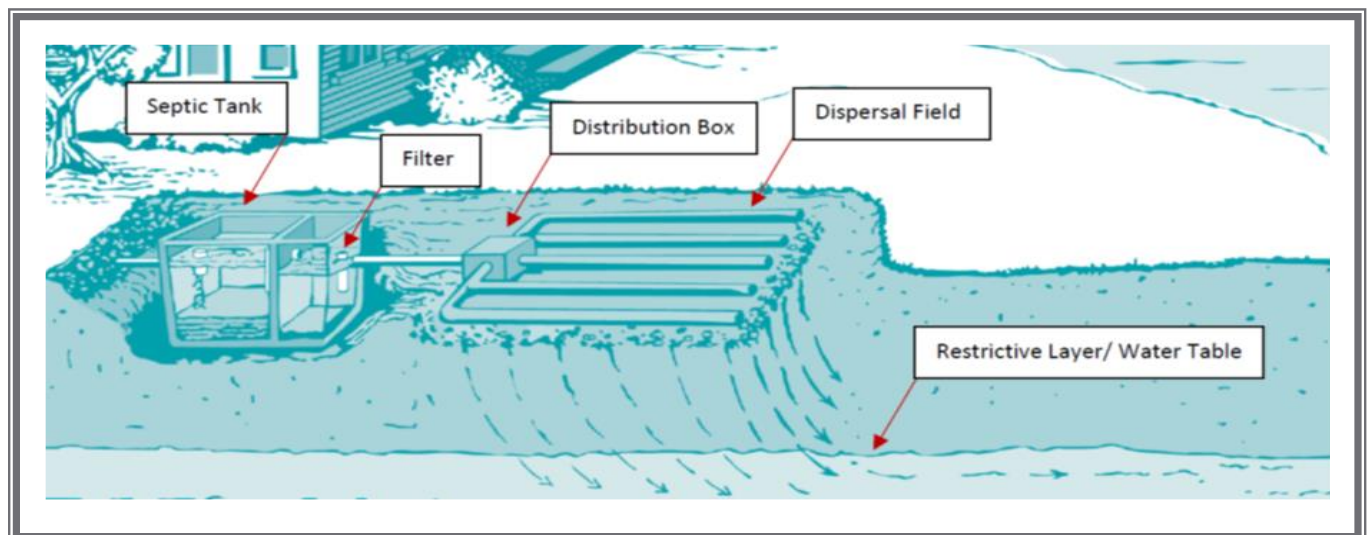
Wastewater from your house includes all flow that goes down any of your drains – sinks, showers, toilets, laundry and even floor drains that may be used as areas for cleaning items. This flow exits your house and enters your onsite septic system.

All properly installed septic systems have at minimum a septic tank that acts as a big storage unit, helping to retain the majority of the solids and larger particles in the wastewater that leaves your house.

After your septic tank if no additional treatment is needed liquid will either gravity flow or pump to a septic field which will have perforated pipes or pipes with drilled holes.

From here the treated effluent drains in the soils/sands/media below where it is treated by filtration and removal of harmful bacteria, pathogens, and viruses.

Onsite systems are designed to have enough vertical separation from between the bottom of the dispersal pipes and to the restrictive/limiting layer, so that the wastewater is treated properly and able to return to the water cycle safely without causing health hazards.



## WHY MAINTAIN YOUR ONSITE SYSTEM

“I have never had any problems, why do maintenance?”

Unfortunately most septic systems are out of sight. Many homeowners don't realize that there may be a problem until their system has already malfunctioned. It is estimated that up to 25% of septic systems in our region are currently malfunctioning. The most common cause of failure is lack of maintenance.

Proper maintenance has a significant impact on how well your system works and how long it lasts. Your home is one of your most important investments. Taking care of your septic system is like an insurance policy on that investment.

EFFLUENT FILTERS ARE AN IMPORTANT PART OF A SEPTIC SYSTEM. FILTERS HELP REDUCE PARTICULATE CARRYOVER TO YOUR DISPERSAL FIELD. DON'T HAVE A FILTER INSTALLED? CALL OR EMAIL US TODAY FOR A FILTER INSTALL AND RECEIVE 20% OF THE PRICE OF YOUR FILTER.

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