



EFFLUENT SCREENS

The effluent screen is one of the most important parts of conventional septic systems.

Most septic tanks are divided into two compartments. The first compartment receives everything from the drain in the house. There, anything solid is supposed to settle to the bottom of the tank (solids layer). Any fats, oils or grease (FOG) rise to the top. In between is the clear effluent zone. This flows through a slot or holes in the wall separating the first compartment and second compartment. From the second compartment the effluent flows to the drainfield for further treatment by the soils.

The problem is that this effluent is not really clear. It is full of particles we call floaties.

They can be anything from pieces of sunflower seed shells that pass through your system to minute particles from the garbage grinder. The reality is they float and can enter the drainfield. When they do, each floatie particle tends to block a part of the field, and enough of them will shorten field life and result in failure. An effluent filter will capture a lot of the floaties and can help extend field life

The problem, we had, was finding a filter which didn't clog so often that the home owner just picked out the cartridge and hung it on the fence.

We looked for two years and finally met Theo Terry who helped develop some of the first filters for Zabel,

He had an idea for an entirely new effluent filter which had an extended cleaning life, vented gasses from the final compartment and was NSF approved. This was important to us.

Theo continues to create newer and better filters for effluent and grease traps. This innovation is why we choose Bear Onsite over all others.

