

Engineered Septic Systems are unconventional or “alternative” septic systems that are used when conventional (gravity-fed) septic systems will not work due to any of several reasons.

Some of these reasons include high water tables, substandard soils and protruding bedrock as well as many other factors that prevent the installation of a conventional septic system.

Engineered Septic Systems are often more complex as opposed to conventional septic systems. For this and other reasons, it is essential to properly install and maintain these systems using an experienced professional as well as regularly servicing the system.

Furthermore, failing septic systems are a major cause of serious environmental problems. For example, thousands of people in the US die each year from contaminated water due to waterborne disease outbreaks spread by failed septic systems contaminating local ground water supplies.

There are many types of Engineered or “Alternative” septic systems, which solve conventional system problems to include:

Mound & Peat Moss Systems:

Sand Mound and Peat Moss Systems are used when the field lines need to be above ground in cases where high water tables or the proximity of ground water tables exist.

Drip Emitter Systems:

Drip Emitter Systems can solve nearly all of the conventional septic system problems and limitations. Drip Emitter Systems are pressurized systems that pump the wastewater (effluent). In cases of substandard soils, these systems force the soil to take the effluent. In cases where the conventional gravity-fed system will not work, the drip emitter system can even pump the effluent up hill to land that is higher than the septic tank!

And for situations in which conventional gravity-fed systems, mound systems and drip emitter systems will not work, there are other engineered systems that will work in most cases!

Dad’s Septic and Well Service specializes in Engineered Septic Systems and has proprietary systems that will solve almost any septic problem!

For more information on Septic Systems, please visit Dad's Hi-Tech Septic and Well Laboratory:
Dad's Septic and Well Service has the solutions to your septic and well problems!

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