

Drip Irrigation:

Subsurface application of effluent to the soil at very low dosing rates in a series of tubing configurations. Typically receives enhanced treatment wastewater from an Aerobic Treatment Unit (ATU). Placed shallow in the ground 8-10 inches and can be installed around trees, shrubs and other landscape. The goal is to apply effluent in a uniform rate. Closer installation to a restrictive layer is allowed. Minimum yearly maintenance encouraged.



Low Pressure Pipe-Pressure Distribution:

Network designed to ensure uniform distribution of the wastewater. Uses lateral pipes with equally spaced holes drilled into the pipe. Receives wastewater from aerobic treatment, pump tank/lift station. Minimum yearly maintenance encouraged. Closer installation to a restrictive layer is allowed. Avoid trees and shrubs.



Pipe & Gravel/ Rock:

Considered traditional laterals. Wastewater is distributed primarily by gravity via perforated holes at the bottom of the 4" pipe. Lateral field configurations can be trenches, beds, mounds. Receives effluent from either a septic tank or enhanced wastewater system and possibly a lift station. Must be installed at least 4' above a restrictive layer. Avoid trees and shrubs.



EZ Flow-graveless 1203H:

Technology that consist of engineered geosynthetic aggregate modular design surrounding a 4" distribution pipe. EZ flow is also wrapped in netting and also has a geofabric centered along the top of each bundle. Product is sold in 10' segments. This product may only be installed in a trench configuration. Must be installed at least 4' above a restrictive layer.

Chambers:

Large open space for wastewater to migrate along the bottom. Chambers can vary width and length. Lateral field configurations can be trenches, beds and mounds. Likely installed with gravel/rock and approved geotextile fabric. Must be installed at least 4' above a restrictive layer.



ADS Septic Stack:

Is intended to be installed without gravel. Effluent is dispersed via a distribution pipe and into a series of void pipes. The pipe is engineered with holes and slots. ADS Septic Stack can be in lateral field configurations of trenches, beds, mounds. Product is sold in bundles that vary in width and covered with geofabric. Must be installed at least 4' above a restrictive layer.



Discuss Pros and Cons of each type with your licensed wastewater contractor