

**treatment train**

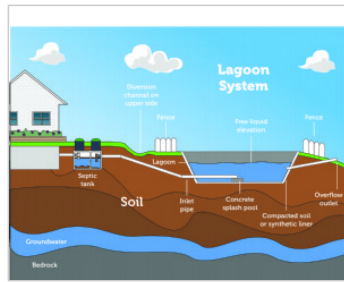
site-specific combination of components in a specified order that constitute a wastewater treatment system; a simple example of a treatment train is a septic tank and a soil treatment area.

treatment train images/graphics:



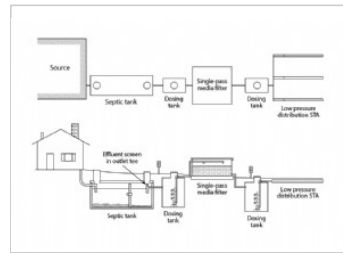
**Conventional system**

Residential OWTS: gravity septic tank, distribution box, gravity distribution STA, 3D color



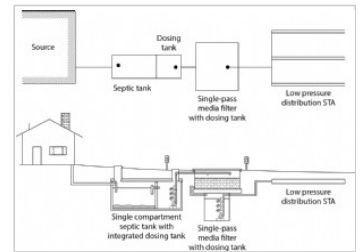
**Lagoon system**

Residential OWTS: gravity septic tank, lagoon, profile view, color



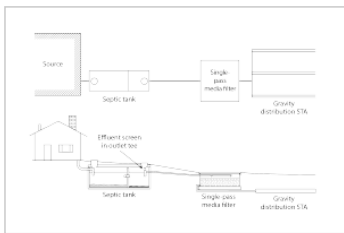
**Single pass media filter to low pressure distribution STA**

Residential OWTS: gravity septic tank, dosing tank, single pass media filter, dosing tank, LPD, plan and profile view



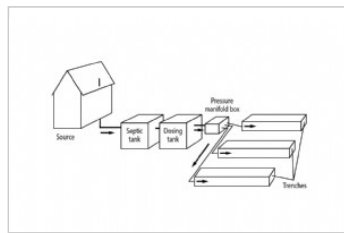
**Septic tank single pass media filter to LPD**

Residential OWTS: gravity septic tank with integrated dosing tank, single pass media filter with dosing tank, low pressure distribution STA, profile view



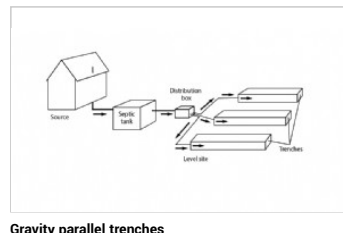
**Single pass media filter gravity distribution STA**

Residential OWTS: gravity septic tank, single pass media filter, gravity distribution STA, plan and profile view



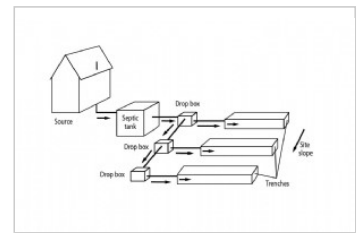
**Pressure manifold to pressure distribution**

Septic tank, dosing tank, pressure manifold box, pressure dosed gravity distribution STA



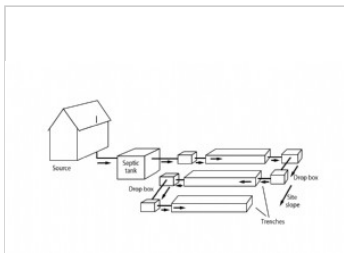
**Gravity parallel trenches**

Septic tank, distribution box, gravity distribution, parallel trenches STA



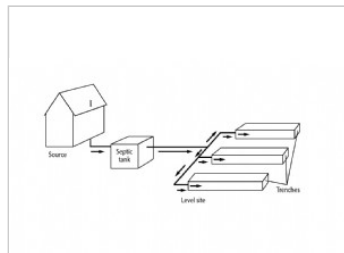
**Gravity sequential trenches**

Septic tank, drop box, gravity distribution, sequential trenches STA, sloping site



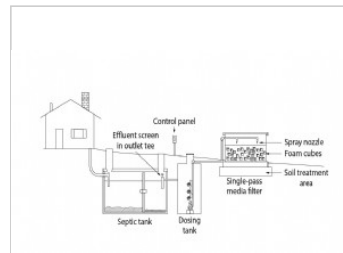
**Gravity serial trenches**

Septic tank, drop box, gravity distribution, serial trenches STA, sloping site



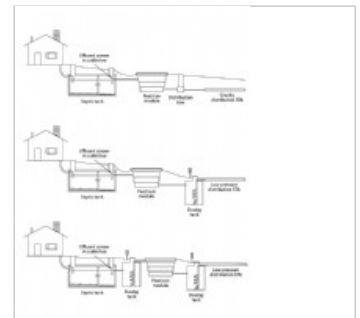
**Gravity parallel trenches with manifold**

Septic tank, header pipe, gravity distribution, parallel trenches STA, level site



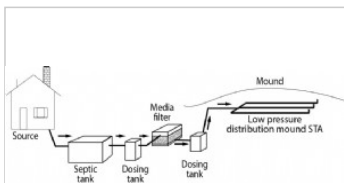
**Single pass bottomless foam media filter**

Residential OWTS: gravity septic tank, dosing tank, single pass bottomless media (foam) filter, profile view



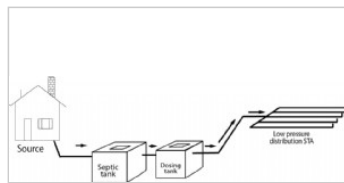
**Peat and Coir media filter treatment train configurations**

Residential OWTS: 3 configurations for systems using peat or coir media filters using gravity and pressure dosing to treatment and STA, profile view



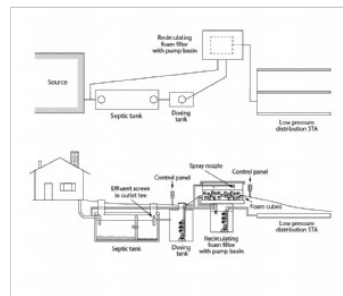
**Example OWTS ST, SP media filter, LPD distribution**

OWTS with advanced treatment (single pass media filter) and a low pressure distribution (LPD) soil treatment area (STA)



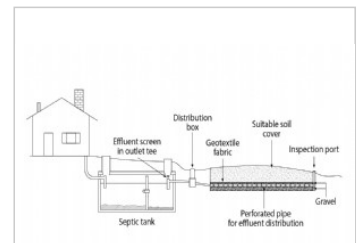
**Example OWTS ST, dosing tank, LPD distribution**

OWTS with septic tank, dosing tank and a low pressure distribution (LPD) soil treatment area (STA)



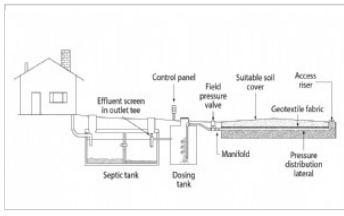
**Recirculating foam filter treatment train**

Residential OWTS: gravity septic tank, dosing tank, recirculating media (foam) filter, pump basin, LPD, plan and profile view



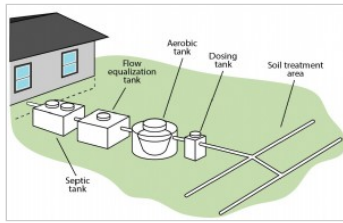
**Gravity distribution system**

Residential OWTS: gravity septic tank, distribution box, gravity trench STA, profile view



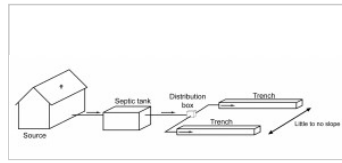
**Low pressure distribution STA**

Residential OWTS: gravity septic tank, dosing tank, low pressure distribution STA, profile view

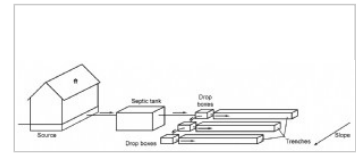


**ATU with flow equalization tank, LPD**

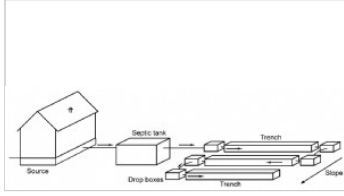
Residential OWTS: septic tank, flow equalization tank, ATU, dosing tank, LPD STA, 3D view



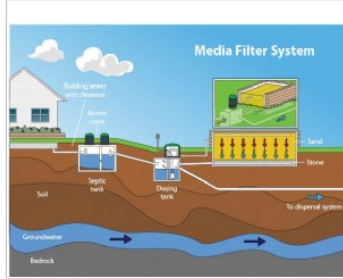
**Distribution, parallel**



**Distribution, sequential**

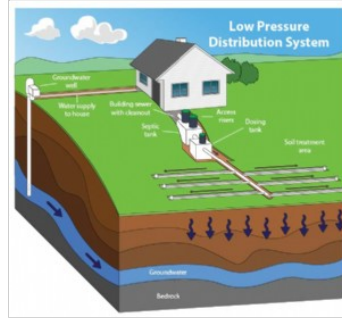


**Distribution, serial**



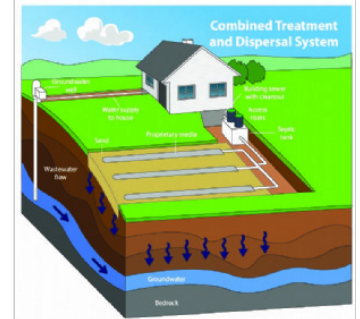
**Recirculating media filter system**

Residential OWTS: gravity septic tank, dosing tank, recirculating sand media filter, LPD STA, 3D color



**Low pressure distribution system**

Residential OWTS: gravity septic tank, dosing tank, LPD STA, 3D color



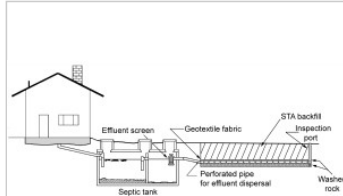
**Combined treatment and dispersal system**

Residential OWTS: gravity septic tank, combined treatment and dispersal STA, 3D color

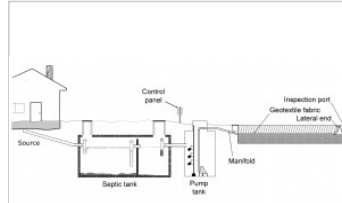


**Recirculating media filter, split base**

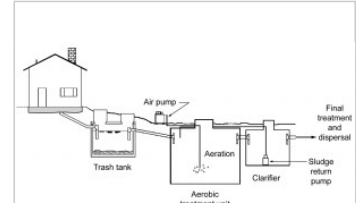
Residential OWTS: gravity septic tank, dosing tank, recirculating media filter with split base, recirculating splitter valve, profile view, color



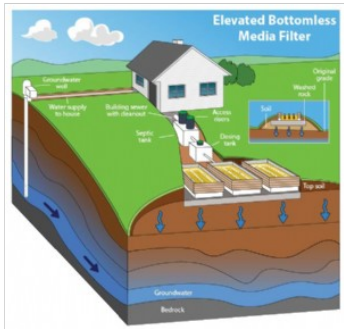
**Gravity distribution system, profile**



**Low pressure distribution (LPD)**

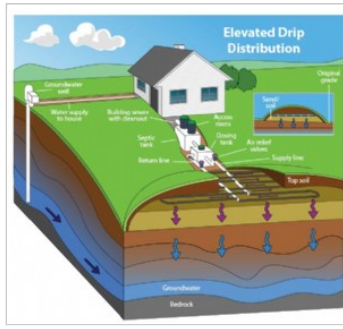


**General schematic of an aerobic treatment unit train, profile**



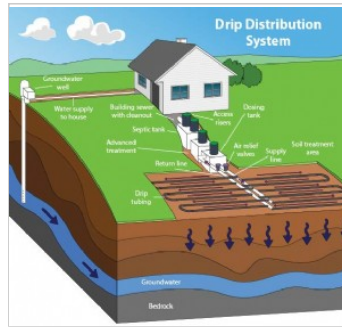
**Elevated bottomless media filter**

Residential OWTS: gravity septic tank, dosing tank, bottomless media filter, 3D color



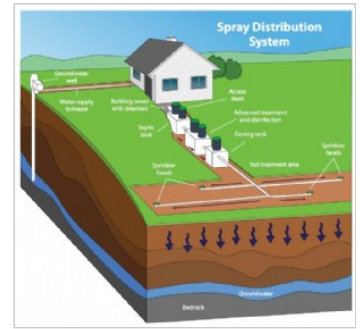
**Elevated drip distribution**

Residential OWTS: gravity septic tank, dosing tank, elevated drip distribution STA, 3D color



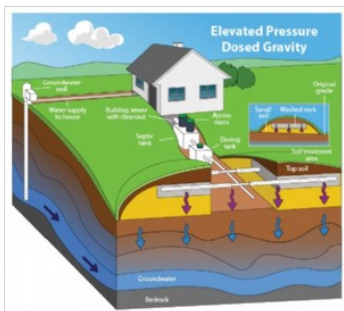
**Drip distribution**

Residential OWTS: gravity septic tank, dosing tank, drip distribution STA, 3D color



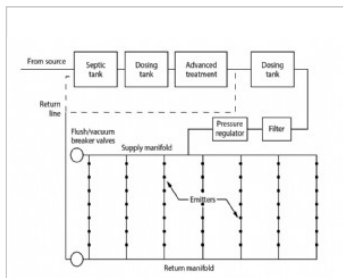
**Spray distribution**

Residential OWTS: gravity septic tank, dosing tank, spray distribution STA, 3D color



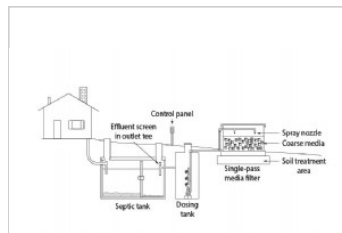
**Elevated pressure dosed gravity**

Residential OWTS: gravity septic tank, dosing tank, elevated pressure dosed gravity distribution STA, 3D color



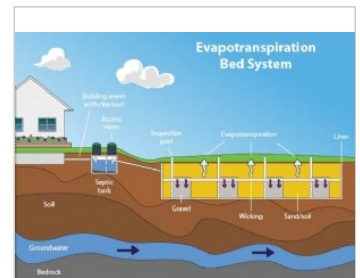
**Drip distribution generic treatment train**

OWTS: septic tank, flow equalization, advanced treatment, drip distribution STA, plan view



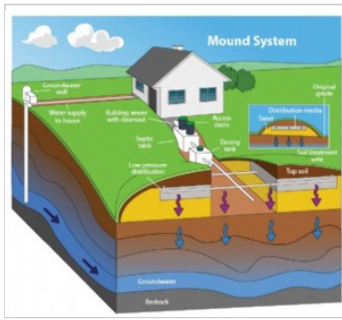
**Single pass bottomless coarse media filter**

Residential OWTS: gravity septic tank, dosing tank, single pass bottomless coarse media filter, profile view



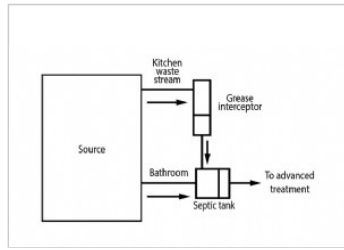
**Evapotranspiration bed**

Residential OWTS: gravity septic tank, gravity evapotranspiration bed STA, profile view color



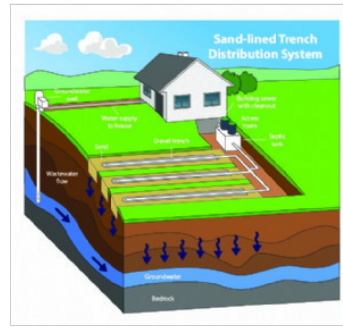
**Mound with low pressure distribution**

Residential OWTS: gravity septic tank, dosing tank, mound with low pressure distribution STA, 3D color



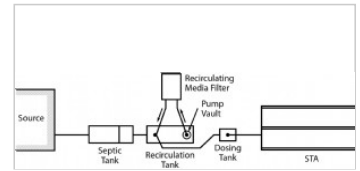
**Grease interceptor treatment train**

Food service pretreatment with grease interceptor and septic tank, plan view



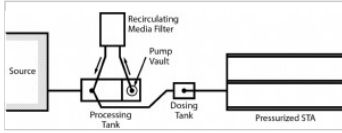
**Sand lined trench gravity distribution**

Residential OWTS: gravity septic tank, sand lined trench with gravity distribution STA, 3D color



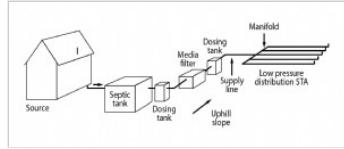
**Recirc media filter, recirc tank and pump vault**

Recirculating media filter, recirculation tank, pump vault, recirculating splitter valve, dosing tank, STA, plan view



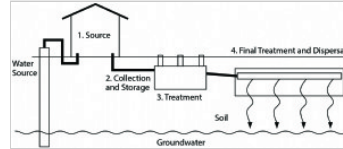
**Recirc media filter, proc tank and pump vault**

Recirculating media filter, processing tank, pump vault, recirculating splitter valve, dosing tank, STA, plan view



**Septic tank, SP media filter, LPD distribution**

Residential OWTS: septic tank, dosing tank, single pass media filter, dosing tank, low pressure distribution STA



**Four part generic treatment train**

Illustration of the four parts of a typical OWTS: Source, Collection, Treatment and Final Treatment and Dispersal