

Aerobic Treatment Units

Aerobic treatment units differ from traditional system in that they use oxygen to break down sewage. Oxygen allows for the growth of aerobic bacteria. Aerobic bacteria are capable of decomposing sewage at a much faster rate than anaerobic bacteria. Aeration units typically use a three stage process. First a settling stage, then an aeration stage, and finally a clarifying stage. After the final stage, the liquid is discharged. If the discharge leaves the property, effluent reduction and a chlorination system is required. Also, discharging systems may require an EPA NPDES permit in the future.

Advantages

- ▶ Small installation area
- ▶ Not affected by seasonably high water tables
- ▶ Good alternative for low permeability soils

Disadvantages

- ▶ Can have higher installation and operating cost than seepage system
- ▶ Increased maintenance, aerobic systems require service every six months
- ▶ Surface discharging systems may require an EPA NPDES permit

Aerobic Treatment Unit Distributors

DISTRIBUTOR

Kohnen Concrete Products
503 Green Street
Germantown, IL 62245
(618) 523-4266

Mid Illinois Concrete
PO Box 785
Effingham, IL 62401
(217) 925-5992

Rex Vault & Mausoleum Service
Rt. 33 East
Newton, IL 62448
(618) 783-2416

Septic Solutions
314 Center Street
Dieterich, IL 62424
(217) 342-2115
www.septicsolutions.net

BRAND

Norweco Wastewater Treatment Systems

Enviro-Flo Aeration Systems

Norweco Wastewater Treatment Systems

Hydro Action Aerobic Treatment Units

See SEPTIC SYSTEM CONTRACTORS, DISTRIBUTORS AND SOIL CLASSIFIERS LIST for contractors and the brands of aerobic treatment units they install.

Fayette County Health Department does not promote any particular treatment unit. This list is for informational purposes only.