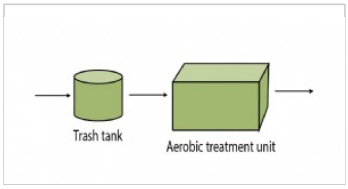
trash tank

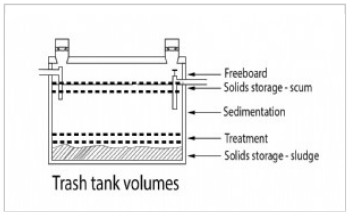
Optional first component of a wastewater treatment system, often used with a proprietary aerobic treatment unit (ATU), typically having a limited detention time, and used to remove larger items or inorganic material in the wastewater stream; trash tanks provide limited anaerobic treatment.

trash tank images/graphics:

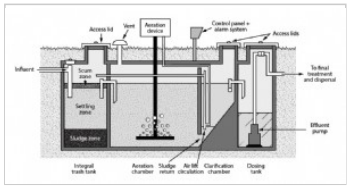


Process flow diagram Trash tank & ATU

Process flow diagram Trash tank & ATU - color

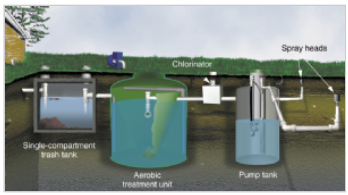


Trash tank volumes

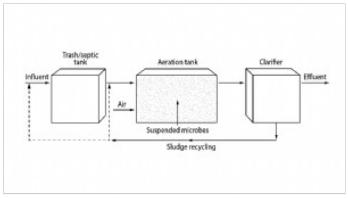


Air lift circulation

Aerobic treatment unit with airlift pump for effluent circulation

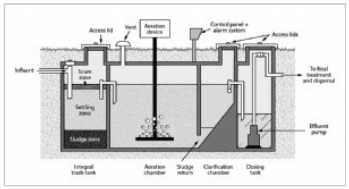


Aerobic treatment unit with surface application STA



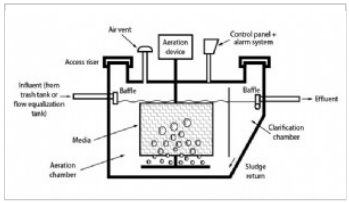
Generic suspended growth treatment process

Trash/septic tank, generic ATU using suspended growth treatment process, profile view



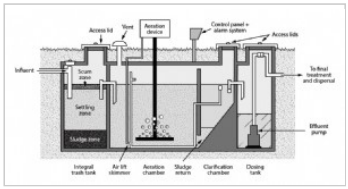
All in one tank ATU

All in one ATU system: trash, aeration, clarification, dosing, profile view



Two compartment ATU

ATU system: aeration, clarification, profile view



Air lift skimmer in 4-compartment ATU

All in one ATU system with air lift skimmer: trash, aeration, clarification, dosing, profile view