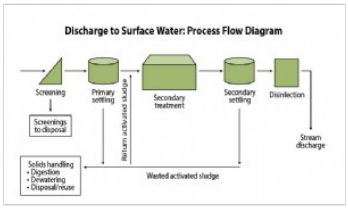
activated sludge process

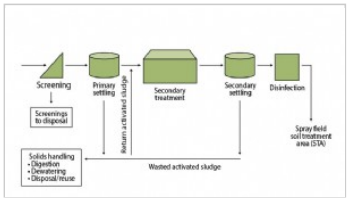
Wastewater treatment processes that occur in suspended or attached growth treatment configurations; aerobic and facultative microorganisms in an aerobic, mixed environment biochemically convert non-settleable (suspended, dissolved, and colloidal) organic materials to cell mass and CO2; typically followed by clarification, sludge return and excess cell mass wasting; see also extended aeration process.

activated sludge process images/graphics:



Process flow diagram surface discharge WWTP

Process flow diagram for advanced treatment train discharging to surface water



Process flow diagram spray field WWTP

Process flow diagram for advanced treatment train with dispersal to spray field STA