

An Activated Sludge process refers to a multi-chamber reactor unit that makes use of highly concentrated microorganisms to degrade organics and remove nutrients from wastewater to produce a high-quality effluent. To maintain aerobic conditions and to keep Activated Sludge suspended, a continuous and well-timed supply of oxygen is required.

Different configurations can be employed to ensure

step (**POST**). The biological processes are effective at removing soluble, colloidal and particulate materials. The reactor can be designed for biological nitrification and