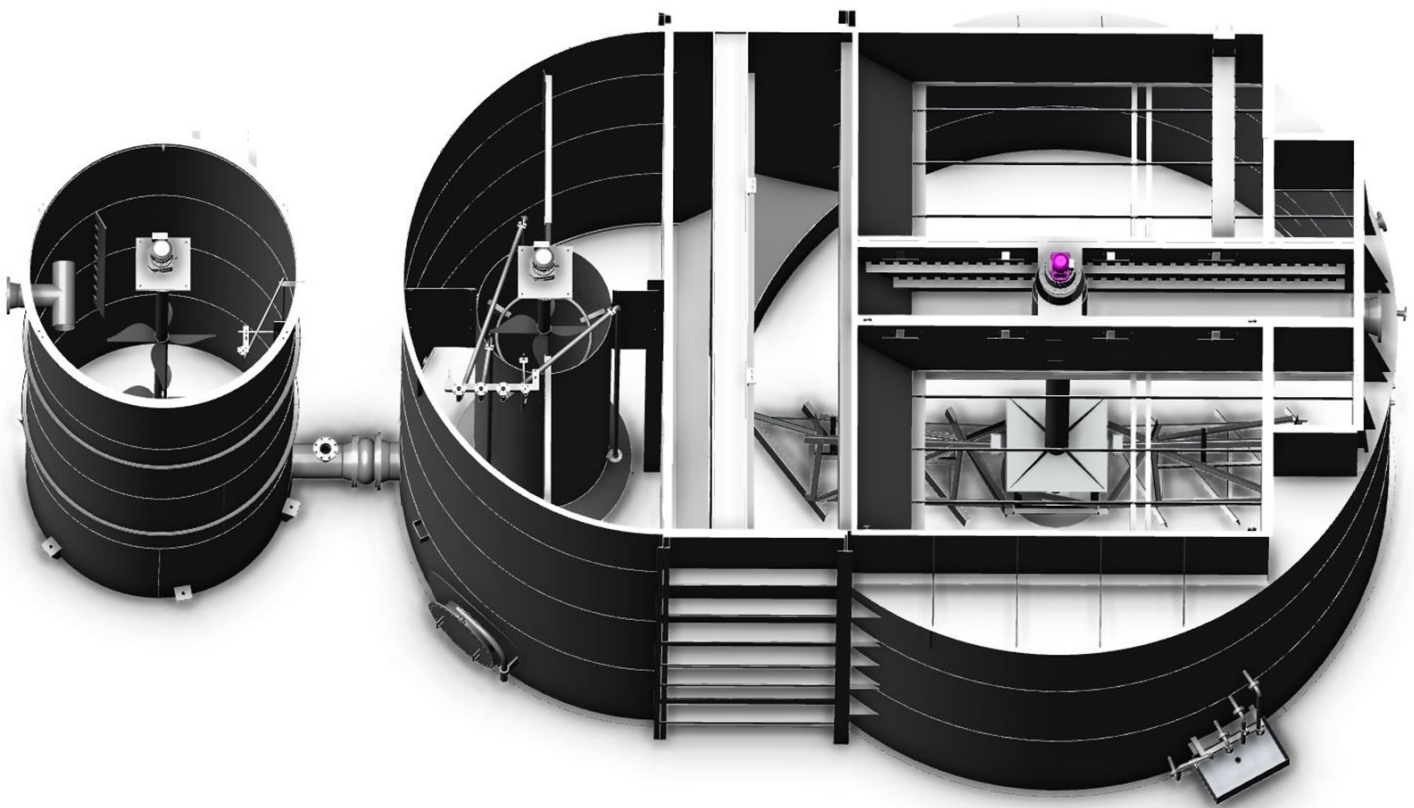
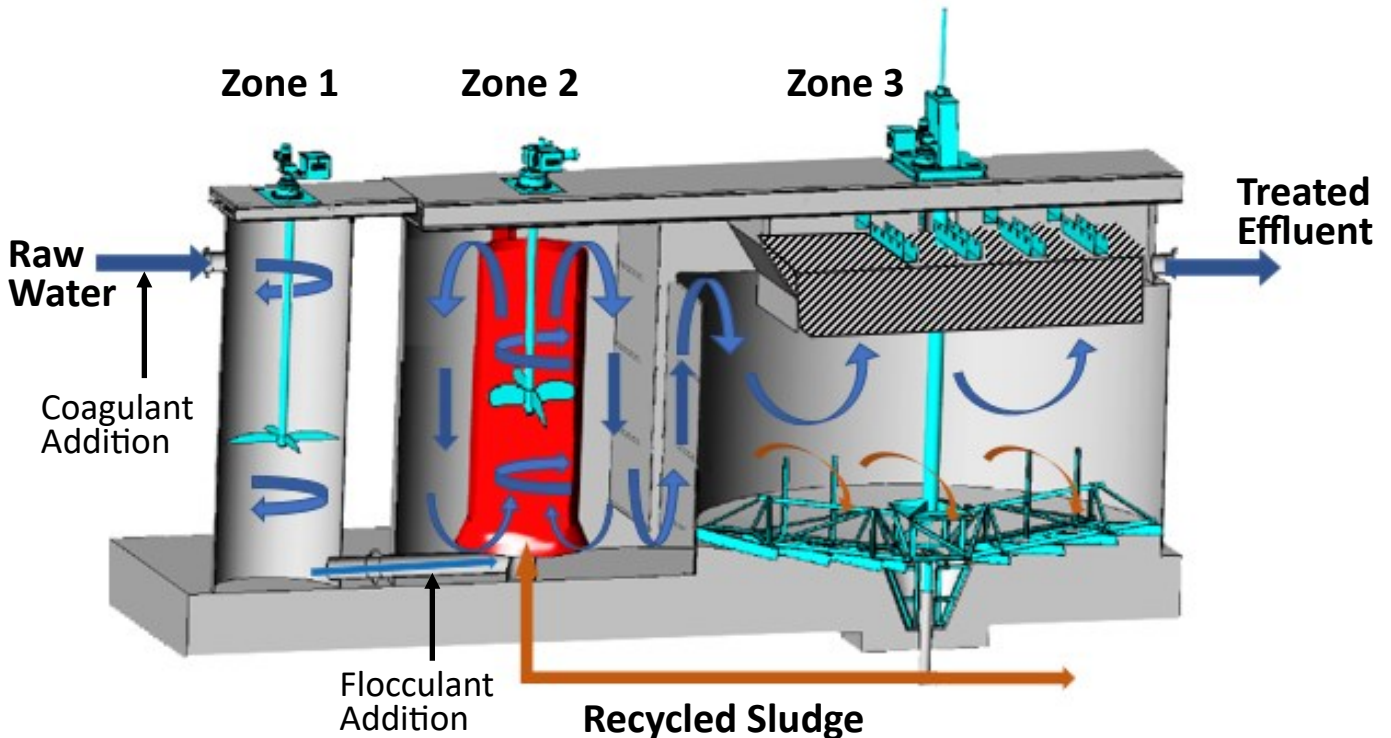


RapidStream™ - High-rate Solids Contact Clarifier / Thickener

## Eccentric Tank Design



The ClearStream **RapidStream™** builds on proven technology to provide Chemical Mixing, Solids Contacting, Thickening, and High-rate Clarification in an economical footprint. ClearStream's 20+ years of experience in building all types of sedimentation equipment allows us to provide clients with custom equipment optimized for their needs.



- Zone 1**—Rapid Mix: Complete coagulant dispersion ensures total charge neutralization.
- Zone 2**—Floculant and Recycled Sludge are mixed with the Raw Water to begin the Solids Contact process. Draft tube and impeller draw the solids up to be thoroughly mixed. As the solids and polymers are mixed and recirculated through this Zone, the floc is allowed to grow in size and weight.
- Zone 3**—After passing over an Upflow Wier, the flocculated solids settle to the Thickener portion of the unit where Pickets on the rake arm further concentrate the solids. The overflow stream passes through Tube Settlers which provide the High-rate Clarification Zone.

The RapidStream™ design can be adapted for either metal or concrete tanks.