

3. Once the tank is full, a settling period occurs, during which time solids and organics settle to the bottom of the tank.

1. Influent wastewater is pumped from an equalization tank into the ClearCapture system.

4. After the settling period, the organics and solids are removed from the base of the tank, so they can be directed to an anaerobic digester for renewable energy generation or for other disposal methods.

5. After the settling period and sludge removal, a 50-micron screen decanter is lowered into the low solids supernatant of the tank. Wastewater flows through the screens and down the central effluent hose.

6. Screened effluent flows from the unit to membrane filtration, conventional secondary treatment, or directly to the sewer depending on final effluent goals.

2. The wastewater flows into the base of the tank where a patented mixing dome creates turbulence and mixing to enable enhanced chemical contact with organics.

