

- ALPHA™ - Model CWT50 Wash Water Treatment System



If your waste water contains any heavy metals and you are dumping into the sewer, eventually you will be fined.

Applications

- 50-gallon or smaller batch applications.
- Manual chemical loading and sequencing.
- Wash stands, equipment washing areas, pressure washer applications, part washing.
- Rinse water recycling or treatment before discharge to the sewer.
- Removes heavy metals, oil, soaps and other contaminants below discharge limits.
- Sludge may be non-hazardous and will typically meet or exceed the TCLP or STLC requirements.



Complete Water Treatment Package

Chemistry

- Designed for one step clay based separating agents
- Clay based flocculants mix easily and produce large floc particles.
- Floc settles quickly and is removed with filter bags.
- Sludge dewaterers easily requiring little labor

Standard Features

- Complete packaged unit – may be lifted by forklift
- Reaction tank with mixer
- Sludge separation using two filter bags
- Holding tank for clean water
- Self-priming Sump Pump for discharge of clean water (20 gpm min.)
- Automated process with timers and alarms built in
- Audible and visual alarms on panel
- Manual ball valve
- Small tank footprint 36" x 36" x 72" high
- Complete NEMA 4X control panel
 - UL rated panel
 - Pump control
 - Mixer control
 - Holding tank alarm

Options

- Holding tank may include secondary containment
- Various communication options available
- Alarm contacts for monitoring
- Control panel also available separately
- Sludge dewatering options including self dumping hopper

Operational Guidelines

- Manual operation
- Immune to oils and hydrocarbons
- Large debris may clog plumbing and damage sensors

Materials of Construction

- Tanks (PP)
- SS mixer shaft and propeller
- Fabricated Skid Package
- All plastic construction

Utility

- 115VAC, 1-Phase, 60HZ



Part #	Component	Tank Capacity (Gallons)	Description
480-250	Plastic reaction tank	50 gallons	PP
480-200	Plastic holding tank	50 gallons	PP
480-500	Mixer		1/2HP
480-200	Filter bags	Two each	Rosedale
480-100	Level sensor		PP float
5102S-020	Manual ball valves		PVC
	Sump Pump for discharge		
480-200	Control Panel		NEMA 4X

