

## > Powder Reactant Treatment

Treatment and Clarifications of Industrial Wastewater

### CLAYTEK



Effectively treat and reuse your mixed wastewater with **Kontek Powder Reactant Treatment**.

ClayTek powder reactant treatment systems are broad ranging, non-discriminating and flexible. They are ideal for treating low volume, mixed wastewater from a wide variety of sources, including: mop water, wet vac, wash water, and wastewater that contain emulsified oils, coolants, grease, and more.

Guarantee environmental compliance while reducing operating expenses cut a low capital cost. **Kontek Powder Reactant Treatment** systems are cost-effective solutions for facilities that produce up to 100 gallons per minute of mixed industrial wastewater.

An ISO 9001 Company  
Established 1980

## Technical Features:

- Efficiently treat up to 100 gallons per minute
- Reduce maintenance costs with durable and corrosion-resistant stainless steel fabricated modules
- Drive down operating costs with energy- efficient automated controls
- Conserve consumables with SmartLogic automatic Powder Reactant dosing features

### Flexible and Efficient

Efficiently treat and potentially reuse mixed wastewater from multiple sources with a quick, automated and cost-effective system.

### Reliable

Consistently meet compliant discharge levels while reducing long-term maintenance and hauling costs.

### Automated

Cut labour and operating expenses. SmartLogic automatic dosing does the work for you. Kontek Powder Reactant Treatment systems constantly monitor your flow rate and automatically add the right amount of formulated power for the design treatment flow rate.

When mixed with water, our formulated powder reactant becomes a powerful absorbent. The mixture naturally attracts and binds contaminants, creating a thick sludge. Clean water is released from the sludge and is ready to be recycled or discharged.

### Efficiently remove a wide range of contaminants, including:

- Emulsified and mechanical oils
- Heavy metals
- Suspended and dissolved solids
- Paints, solvents, cleaners & more

## ClayTek Systems

## Add the following optional features to fit your process needs

### Recycle and re-use your wastewater

Avoid discharge regulations and re-use your water for non-critical applications, including wet vac and wash waters.

### Fitted and fine-tuned technology

Kontek systems are designed to match your application, flow rate and water usage. We guarantee environmental compliance by mixing a custom formulated powder reactant agent that's specifically designed to remove your water's contaminants.

### 1. Equalization and distribution tanks.

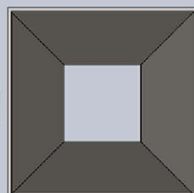
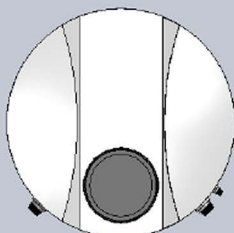
Aggregate your facility's wastewater streams in a pre-treatment equalization tank. Add a post-treatment distribution tank to store clean water before re-use.

### 2. Water polishing technology

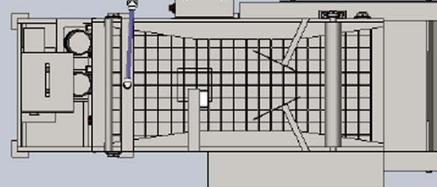
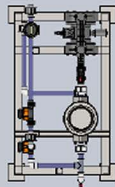
Further refine your water and control odours for re-use with carbon filtration, polishing filters, UV technology or ozone treatment.

## ClayTek System

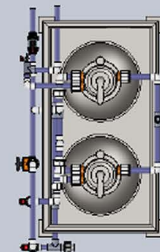
Contaminated Wastewater Collection Tank



Super Sag Powder Reactant Supply



ClayTek Unit



Polishing