

# IWWS Success Story - Industrial Laundry



*IWWS 200 GPM Phys/Chem System in Kingsport, TN earned an award for Excellence in Wastewater Pretreatment from the city*

## Solution

IWWS designed and built a wastewater treatment facility which fit the customer's space requirements and their budget. The system included:

- Physical/Chemical Treatment System
- Equalization
- Surge Suppression
- Chemical Mixing and Feed
- Sludge Handling and Disposal



*250 ft<sup>2</sup> footprint is the smallest in the industry*

The IWWS System treats 288,000 gallons per day in a footprint of only 207 square feet. With a height of only 9.5 ft., the total size of the system is smaller than the EQ tanks used by some competitors.

## Results

With IWWS's advanced chemistry, sludge production is greatly reduced allowing dewatering with a small 4.75 cubic foot recessed chamber filter press. This press is significantly

## The Customer

An industrial laundering facility in Kingsport, TN which launders uniforms, shop towels and floor mats as well as other items.

## The Application

Industrial Laundry Wastewater. Waste stream is heavily loaded with high solids which include heavy metals, oil and grease.

## IWWS Challenge

The plant, working with limited space and a restrictive budget turned to IWWS for assistance in reducing surcharges and eliminating fines.



*Kingsport system being delivered. Average time to commission is 4-6 hours.*

smaller than those used by competitors.

## Award Winner

The City of Kingsport recently awarded the customer a Certificate of Excellence in Wastewater Pretreatment for their commitment to treatment and their superb results.



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