

Managing wastewater can be costly, time-consuming, and disruptive to the important work of operating your manufacturing facility. At Kroeschell, we'll effectively manage the industrial wastewater treatment of any industrial facility, helping dramatically cut costs over time with more efficient and environmentally responsible solutions.

CAPABILITIES

- Industrial wastewater treatment
- Industrial coolant treatment
- Industrial recycling (sludge, solvent, centrifuge operation, etc.)
- Lower operating costs
- Lower maintenance costs
- Increase maintenance staff flexibility
- Increase PM analysis, standards, and completion
- Reduce down time



RECENT PROJECTS

MANUFACTURING WASTEWATER FILTER REPLACEMENT FOR FAILING FILTERS EAST PEORIA, IL



A large manufacturer was facing failure of multiple industrial wastewater filters and piping critical for day-to-day operations - and, with more 15 million gallons of water flow daily. Kroeschell conducted trials on three filter technologies, selected the best fit, and even produced and tested a scaled-down version to confirm efficacy.

The result after an 18-month project was higher flows with less backwash. They replaced 12 failing filters with 9 new ones with no required cleaning. Maintenance costs are now 95% lower than the previous system.

WASTE COOLANT RECYCLING SYSTEM INSTALLATION EAST PEORIA, IL



The same client was paying more than \$300,000 a year to dispose of 1.7 million gallons of waste coolant and needed an alternative. Kroeschell installed a new system that eliminated \$0.19 per gallon in shipping costs and allowed the client to process and recycle more than 2 million gallons of waste coolant and recycle 1,800 gallons of used oil while discharging water under a wastewater permit without additional treatment.

The client eliminated more than \$340,000 in shipping costs the first year, with the mechanical vapor recompression evaporator (MVRE) paying for itself in 12 months.