

# CASE STUDY | International Parts Manufacturer For The Heavy Equipment Industry

## Taking bigger steps to leave a smaller footprint

New factory space to accommodate business growth and an existing city permit resulted in a lack of adequate water supply for an international parts manufacturer.



### CHALLENGES

After the acquisition of additional factory space, the manufacturer realized that the facility's existing permit:

1. Only allowed for 1,500 gallons per day
2. Was not adequate enough to meet the 30,000 gallons of rinse water required for daily manufacturing operations

### SOLUTION

After evaluating the client's challenges, **MacDermid Envio Solutions** found the manufacturer to be an excellent candidate for water recycle & reuse. The **MacDermid Envio Solutions** team installed a state-of-the-art batch recycling system with enhanced automated controls which:

- Yields high-quality effluent
- Diverts more concentrated waste streams for separate treatment
- Ensures future growth potential without extensive changes or substantial capital costs a new conventional wastewater treatment system

### RESULTS

With **MacDermid Envio Solutions**, batch system approach, the manufacturer:

- Can recover 99.8% of its water
- Uses only half of the permitted 1,500 gallons per day
- Can now focus on making high-quality products and growing its business



Recycle & Reuse

Ask about our



See our web site for more details  
[www.macdermidenvio.com](http://www.macdermidenvio.com)

Email: [isenquiries@macdermidenvio.com](mailto:isenquiries@macdermidenvio.com)

© 2020 MacDermidEnvio.