

- Focus On Your Core Business
- Increase Operational Efficiency
- Reduce Labor Costs
- Reduce Risk
- Control Capital Costs



## **ProChem, Inc. Water Treatment Operations Case Studies**





Providing quality outsourcing for water treatment starts with an analysis of current systems and system performance. ProChem reviews regulatory operating permits, operating conditions, and any special requirements you may have to identify the best available approach to your water treatment needs. With our operational experience and expertise, ProChem will help you achieve maximum efficiency in your water treatment processes.



## **Award Winning Compliance**

A leading shopping cart supplier producing approximately 3000 shopping carts per day, moved into a new manufacturing facility containing painting, plating and assorted metal working operations. The client's inexperienced technical staff struggled to manage environmental regulatory issues and was unable to consistently operate their wastewater treatment system in compliance with the local discharge permit requirements.

ProChem provided a skilled staff of on-site technicians to operate and maintain the wastewater treatment system on a daily basis. Moreover, ProChem's treatability chemists developed an effective wastewater treatment process allowing all liquid wastes to be processed on-site instead of being sent off-site for treatment.

The client received numerous environmental awards including Most Improved Industry and multiple Gold Awards for Environmental Excellence.

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## **Cost Effective Staffing**

A heavy truck manufacturing facility was conducting a significant plant expansion including parts assembly, painting, and metal working. The facility was operating multiple wastewater treatment plants to meet their treatment requirements. However, operating multiple facilities was inefficient and costly from a purchasing, maintenance and operations perspective. Moreover, the plant was plagued with staffing and training issues coupled with sporadic violations of its discharge permit.

ProChem assisted the plant in consolidating to one automated treatment facility utilizing ProChem for operational staffing. ProChem eliminated operational support staffing and training issues. Operating costs were reduced over 40% versus the old systems and the support required from purchasing, management and maintenance departments was reduced or eliminated.

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## **Focus On Core Business**

A leading health care products manufacturing facility performed a significant upgrade of its wastewater treatment facility. The existing internal operational staff required significant training and on-going management oversight to successfully operate the new treatment facility. This, in turn, diverted the plant's personnel and management into a non-core business activity.

After Prochem performed the necessary system upgrades, the facility turned all issues surrounding operation, monitoring and maintenance of the wastewater treatment system over to ProChem personnel. ProChem has partnered with this facility to win numerous environmental awards including "Most Improved Industry" and "Pollution Prevention Achievement."

With ProChem Turnkey Water Treatment Outsourcing, the facility was able to eliminate municipal surcharges related to wastewater discharge and reduce overall operational costs by 32% per year

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www.prochemwater.com info@prochemwater.com 800.290.2295

