



DMP
CORPORATION
INDUSTRIAL WATER TREATMENT

Case Study IV

Industry: Anodizing

System Type: Continuous treatment System with 90% water reuse

Existing Water Treatment Equipment: 12 year old Chemical Precipitation System

Reason for the change: Owner wanted a more automated system which was easier to operate and track historical data and reuse as much water as practical

Challenges: Incorporating existing equipment to the new system design to minimize the cost impact on the new project

New System: Fully automated Chemical precipitation system followed by resin and RO to recover the water. DMP also incorporated an evaporator for the reject for the RO to reduce the waste leaving site.

Outcome: Ease of operation, excellent data tracking, segregation of waste for most cost effective treatment, reduce operating cost and about 90% water reuse back in production