

CASE STUDY | Replacing a 25-year-old system

Taking bigger steps to leave a smaller footprint

After struggling to find a provider to treat their cadmium cyanide properly, this Boeing supplier relied on DMP to improve their 25-year-old system.



FLOW RATES		
DI System	Continuous Flow	Batch Treatment
87,000	36,000	87,000
gallons / day	gallons / day	gallons / day

CHALLENGES

Prior to **MacDermid Envio Solutions** recommendations and implementations, this supplier experienced issues with their aging system plagued with corrosion. Their challenges included:

1. Failing to comply with lower discharge limits
2. Inefficient automation
3. Regional water shortages

SOLUTION

After auditing their production, we recommended and implemented a new sustainable wastewater treatment program that:

- Upgraded automated controls with multi-channel alerts to reduce operator error
- Recycles and reuses safe wastewater to meet production demands
- Produces higher quality rinse baths to create higher quality products
- Balances capital and operating costs through an integrated design
- Ensures long-term success with the Performance Guarantee Program

RESULTS

- 100% compliance with POTW permits
- Reduced overhead
- Sufficient high-quality water supply



Cyanide Removal



Metals Removal



Recycle & Reuse



Hex Chrome Removal

Ask us about



EnvioCARE

See our web site for more details
www.macdermidenvio.com

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