CASE STUDY: AEROSPACE CLIENT GETS NEW SYSTEM

One Boeing supplier relied on DMP to upgrade their 25-year-old system to meet lower discharge limits. However, a full system replacement was necessary.

**FLOW RATES**

- DI System: 87,000 gallons / day
- Continuous Flow: 36,000 gallons / day
- Batch Treatment: 3,000 gallons / batch

**CHALLENGES**

Prior to DMP Corporation’s 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 system & program that:

- Upgraded automated controls with multi-channel alerts to reduce operator error
- Recycles and reuses appropriate 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: 100%
Metals Removal: 95-99%
Recycle & Reuse: 86-93%
Hex Chrome Removal: 100%