

Challenge

Goal

Protect tank structure from chemically aggressive sludge.

Root Cause

Previous coating allowed penetration of aggressive chemicals resulting in blisters, delamination, and corrosion.

Solution

Preparation

- Grit blast to Sa 2.5 with 3 mil (75 µm) profile

Application

- Apply 2 coats of **ARC 855** @ ~DFT: 40 mils (1,000 µm)

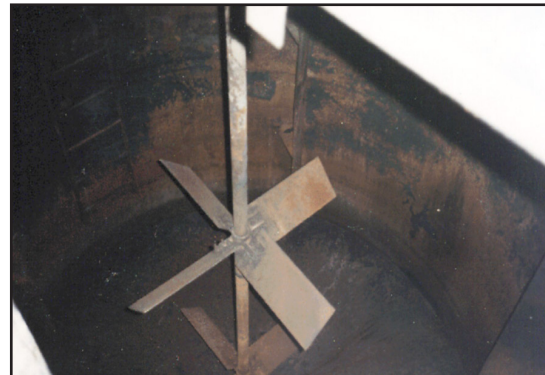
Results

Client Reports

- > 6 years without damage to the coating
- Avoided downtime costs
- Avoided rebuilding and recoating costs
- **Estimated 6-year savings: \$30K**

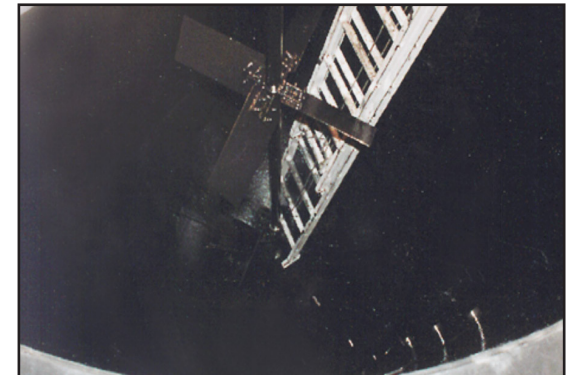


Waste treatment tank



Corroded tank due to failed coating

\$=USD



Tank and agitator protected with ARC 855