

Challenge

Issue

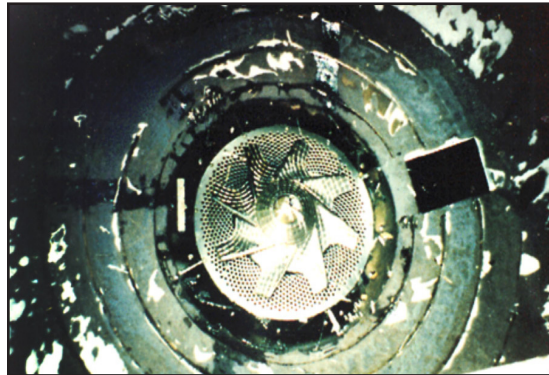
Weld overlay caused heat stress cracking and leaks resulting in 6 month maintenance cycle.

Goals

- Restore and protect a carbon steel hydropulper from abrasion and impact
- Reduce downtime and capital equipment replacement costs

Root Cause

Recycled paper bales impact floor of hydropulper and entrained solids abrade internals.



Severe wear of hydropulper

Solution

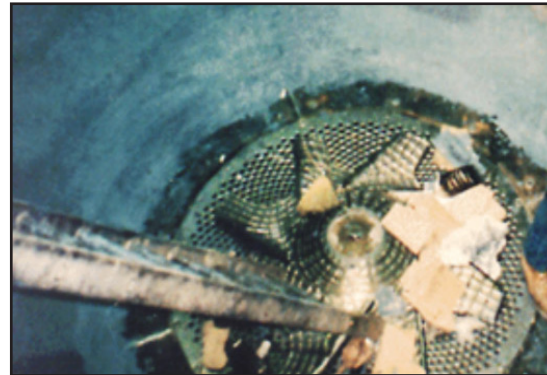
Preparation

- Grit blast to Sa 2.5 with 3 mil (75 µm) angular profile
- Wire mesh welded over existing holes

Application

1. Apply **ARC BX1*** over wire mesh
2. Apply **ARC BX1*** minimum ¼ inch (6 mm)

*ARC BX1 is the "Bulk" package size of ARC 890

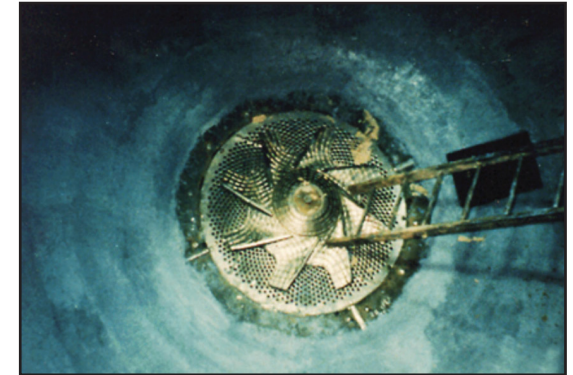


Application of ARC BX1

Results

Client Reported

- >36 month service life
- Client indicated savings in downtime, increased efficiencies and increased reliability



Protected hydropulper