

# CASE STUDY

## 36" Pipe Refurbishment

Water & Wastewater

### Project Data

Completion Date	May 2025
Products Used	<a href="#">Universal Cleaner</a> , <a href="#">MBX Bristle Blaster</a> , <a href="#">Resimetal 302</a> , <a href="#">301</a> , <a href="#">807</a>
Substrate	Metal

### Problem

This wastewater treatment plant had a 36-inch pipe that was severely corroded.

Replacement of the entire pipe would cost the plant over \$100,000.



### Solution

First, the loose rust and debris was removed from the pipe. An MBX Bristle Blaster was then used to prepare the surface.

Once an acceptable surface profile was achieved, the area was cleaned and degreased using USI Universal Cleaner.

Resimetal 302 was used to rebuild the metal loss, followed by Resimetal 301 and Resimac Reinforcement Tape 807. A final layer of Resimetal 301 was then applied.

The client was very satisfied with the result and was grateful that the USI team was on-site to walk them through the process.