

# BELZONA CLEARS CLARIFIER PROBLEM

ID: 1045

**Industry:** Water / Wastewater  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Aluminum  
**Products:** Belzona® 3921 (GSC Conditioner) Belzona® 5811 (immersion Grade),

**Customer Location:** Waste Water Utility, Oklahoma  
**Application Date:** March, 2007

## Problem

50% of the shield had been eroded away due to corrosion at the water line. A new skirt from the manufacturer would cost over \$15,000 and take unduly long to install.



Clarifier



Eroded Aluminum



Preparing the panels



Finished panels coated at the waterline on both sides

## Application Situation

The aluminum shield on the clarifier extends 16 inches below the water line. This is the only one serving this small city.

## Application Method

Abraded new aluminum panels and coated with Belzona® 3921 and Belzona® 5811 in accordance with Belzona Know-How System Leaflet TCC-5. The panels were then bolted to the sound skirt eliminating need for complete replacement.

## Belzona Facts

The city did this repair using \$500 of Belzona and \$1,000 in metal and supplies. It also took them only 1 day versus more than a week to replace the whole shield.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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