

BELZONA CLEARS CLARIFIER PROBLEM

ID: 1045



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.

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.

INDUSTRY

Water / Wastewater

LOCATION

Waste Water Utility, Oklahoma

APPLICATION DATE

March, 2007

PRODUCTS

Belzona 3921 (GSC Conditioner) Belzona 5811 (Immersion Grade)

SUBSTRATE

Aluminum

PHOTOS

1. Clarifier
2. Eroded Aluminum
3. Preparing the panels
4. Finished panels coated at the waterline on both sides

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

Copyright © 1952-2026 Belzona International Limited.

