

BELZONA REBUILDS SLUDGE PUMP COMPONENTS

ID: 233



PROBLEM

Severe erosion had caused unacceptable pump performance.

APPLICATION SITUATION

Rebuilding of sludge pump components.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-3 and CEP-5.

BELZONA FACTS

The pumps were still in good condition five years later. Since the initial application, the wastewater treatment plant has been using Belzona's solutions for all its sludge pumps.

INDUSTRY

Water / Wastewater

LOCATION

Wastewater treatment plant in
Vancouver, Canada

APPLICATION DATE

1989 - 1990

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast iron

PHOTOS

1. Backing plates - before and after the Belzona repair.
2. The new impeller was also protected.
3. The eroded casing.
4. The entire casing was rebuilt with Belzona 1311 (Ceramic R-Metal), and protected with Belzona 1321 (Ceramic S-Metal).

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

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