

# BELZONA REBUILDS SLUDGE PUMP COMPONENTS

ID: 233

**Industry:** Water / Wastewater

**Customer Location:** Wastewater treatment plant in  
Vancouver, Canada

**Application:** CEP-Centrifugal Pumps

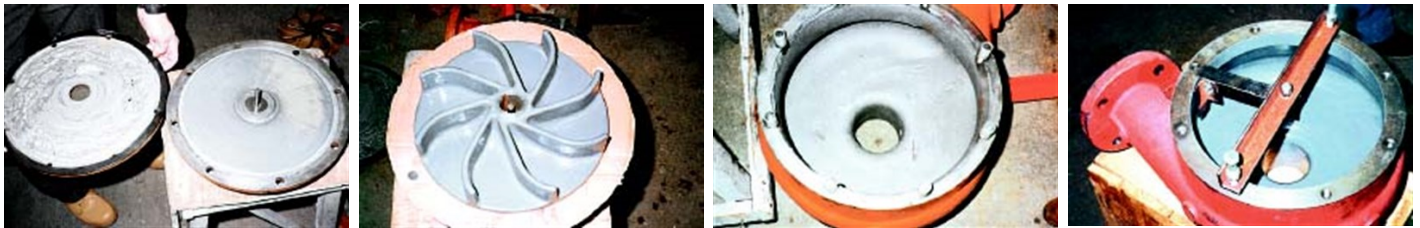
**Application Date:** 1989 - 1990

**Substrate:** Cast iron

**Products:** \* Belzona® 1311 (Ceramic R-Metal) ,  
\* Belzona® 1321 (Ceramic S-Metal) ,

## Problem

Severe erosion had caused unacceptable pump performance.



## Photograph Descriptions

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

## 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.

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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