

# BELZONA SAVES SLUDGE PUMP

ID: 229

Industry: Water / Wastewater

Customer Location: Wastewater treatment plant in Virginia, U.S.A.

Application: CEP-Centrifugal Pumps

Application Date: 1995

Substrate: Cast iron

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

## Problem

Impeller was frozen by rust. It would not turn.



## Photograph Descriptions

- \* Rusty impeller, frozen in place. ,
- \* Impeller and internal casing coated with Belzona® 1321 erosion- corrosion resistant coating. ,
- \* The refurbished pump ready for service. ,

## Application Situation

Badly corroded sludge pump.

## Application Method

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

## Belzona Facts

In the past this pump would have been scrapped and replaced at a cost of \$6,500. The Belzona repair cost \$985, thus saving the customer over \$5,500 and providing additional years of service.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve