

# BELZONA SAVES WASTEWATER GRIT PUMP

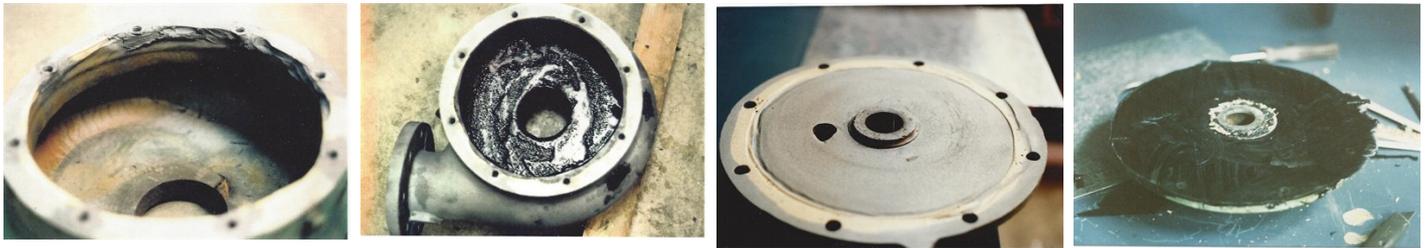
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**Industry:** Fluid Flow  
**Application:** CEP-Centrifugal Pumps  
**Substrate:** Cast Iron  
**Products:** \* Belzona 1311 (Ceramic R-Metal) ,  
\* Belzona 1811 (Ceramic Carbide) ,  
\* Belzona 2111 (D & A Hi-Build Elastomer) ,

**Customer Location:** Montana, USA  
**Application Date:** 1986

## Problem

*This grit pump got extremely worn and had been rebuilt with an alternative method, which lasted only 3 months.*



## Photograph Descriptions

- \* Pump bowl with threads rebuilt ,
- \* Pump bowl coated with Belzona 1811 ,
- \* End cover showing wear ,
- \* End cover with Belzona 2111 formed in place; excess needs to be trimmed ,

## Application Situation

Wastewater grit pump.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-3 & CEP-5. The threads that were worn through were rebuilt with Belzona 1311. The bowl was lined with Belzona 1811. The end cover was rebuilt with Belzona 2111 as a comparison to Belzona 1811.

## Belzona Facts

A replacement pump was very expensive. The previous rebuild had washed out in three months. After Belzona's solution, the pump was opened for inspection 6 months later and found to be in perfect condition.

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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