

# BELZONA REBUILDS WASTEWATER PUMP IMPELLER

ID: 1116

Industry: Water / Wastewater

Customer Location: Water treatment plant, Des Moines, Iowa U.S.A.

Application: CEP-Centrifugal Pumps

Application Date: May 2008

Substrate: Steel

Products: <div>Belzona® 1111 (Super Metal)</div><div>Belzona® 1321 (Ceramic S Metal)</div>

## Problem

The impeller was badly eroded and damaged due to grit and solids running through the pump



## Photograph Descriptions

\* Damaged impeller after being baked and grit blasted , \* Impeller with wire mesh in place to support Belzona and help form profiles , \* Profiles restored with Belzona® 1111 , \* Rebuilt impeller being balanced ,

## Application Situation

Pump impeller handling raw water.

## Application Method

The applications was carried out in accordance with Belzona Know-How System Leaflet CEP-1 & -3.

## Belzona Facts

Belzona was chosen to rebuild the impeller at a fraction of the replacement cost.

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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manufactured under an ISO  
9000 Registered Quality  
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