

BELZONA REBUILDS WASTEWATER PUMP IMPELLER

ID: 1116



PROBLEM

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

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.

INDUSTRY

Water / Wastewater

LOCATION

Water treatment plant, Des Moines, Iowa U.S.A.

APPLICATION DATE

May 2008

PRODUCTS

Belzona 1111 (Super Metal) Belzona 1321 (Ceramic S Metal)

SUBSTRATE

Steel

PHOTOS

1. Damaged impeller after being baked and grit blasted
2. Impeller with wire mesh in place to support Belzona and help form profiles
3. Profiles restored with Belzona 1111
4. Rebuilt impeller being balanced

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

