

## BELZONA REBUILDS WASTEWATER PUMP IMPELLER

### CUSTOMER

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

### APPLICATION DATE

May 2008

### APPLICATION SITUATION

Pump impeller handling raw water.

### PROBLEM

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

### PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1321 (Ceramic S Metal)

### SUBSTRATE

Steel

### 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.

### PICTURES

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 <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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