

## BELZONA PROTECTS LARGE RIVER PUMP

### CUSTOMER

Petrochemical Plant, South Louisiana U.S.A.

### APPLICATION DATE

August, 2008

### APPLICATION SITUATION

Main cooling water pump handling river water.

### PROBLEM

Pump was subject to erosion due to solids drawn from the river.

### PRODUCTS

Belzona® 1111 (Super-Metal)

Belzona® 1321 (Ceramic S-Metal)

### SUBSTRATE

Cast Iron

### APPLICATION METHOD

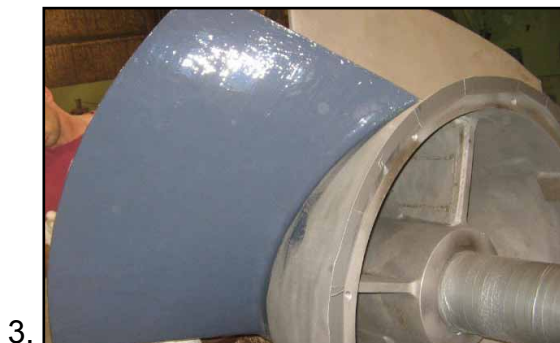
The application was carried out in accordance with Belzona Know-How System Leaflet CEP-1, CEP-3 and CEP-5.

### BELZONA FACTS

The cost of a replacement pump is \$250,000 and delivery time from the manufacturer is 6 months. Belzona was able to repair the pump and have it back in service within a week and will last longer than a new pump due to the erosion corrosion resistance of Belzona® 1321.

### PICTURES

1. Scale of the pump clearly evident
2. Fully restored suction diffuser
3. Work beginning on restoration of impeller
4. Fully protected impeller



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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