

CAVITATED PUMP DIFFUSER RESTORED WITH BELZONA

ID: 1261



PROBLEM

Cavitation had caused severe metal loss to pump impeller and diffuser. New impeller was available but no diffuser available.

APPLICATION SITUATION

Theme park pond pump performing below requirements.

APPLICATION METHOD

Application was carried out in accordance with Belzona System Leaflet CEP-1. Pump shop tack welded "rebar" into deeply cavitated areas. Belzona® 1111 applied to replace lost metal. Belzona machined to original diffuser dimensions.

BELZONA FACTS

Old pump and new diffuser not available. \$450 of Belzona used to quickly and effectively repair this valuable component.

INDUSTRY

Water / Wastewater

LOCATION

Theme Park, (Southeast) Virginia

APPLICATION DATE

March 2009

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Severely cavitated diffuser
2. Diffuser blasted and rebar tack welded in place
3. Belzona 1111 application
4. Completed repair

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

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