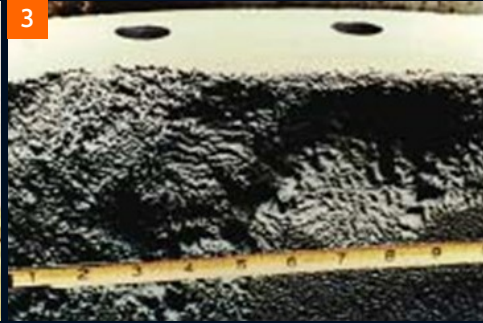


BELZONA PUMP DIFFUSER PROTECTED

ID: 163



PROBLEM

Erosion/corrosion and cavitation

APPLICATION SITUATION

Centrifugal pump diffuser

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How Leaflets CEP-1 and CEP-2.

BELZONA FACTS

This pump was in service for seven years with no damage until the unit was removed from service for other reasons. Extending the life of the pump diffuser saved the plant tremendous replacement costs.

INDUSTRY

Water / Wastewater

LOCATION

Sewage Treatment Plant in Northern California

APPLICATION DATE

September 1982

PRODUCTS

Belzona 1311 (Ceramic R Metal) Belzona 1321 (Ceramic S Metal)

SUBSTRATE

Cast iron

PHOTOS

1. The diffuser removed for repairs
2. Damage on flow surface
3. Close up of cavitation pitting
4. Repairs in progress using a rotating jig to create the internal shape and dimension without machining

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.

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