

BELZONA REPAIRS AND SAVES INTERNALS OF WASTEWATER PIPE

ID: 6045



PROBLEM

The pipe was corroded so badly that the pitting was causing pin holes in the substrate.

APPLICATION SITUATION

42" Ductile Iron underground pipe.

APPLICATION METHOD

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet VPF-5. Belzona 1121 was used to rebuild the pitting. Belzona 5811 was used to coat the internal of the pipe.

BELZONA FACTS

The cost of the project was \$70,000 USD and required a week of downtime for the plant to rebuild the pipe and coat. The Belzona was a much better alternative to the to the cost of over a million dollars to dig the pipe up and replace it with two months of downtime.

INDUSTRY

Water / Wastewater

LOCATION

Water Treatment Plant, Bossier City, LA, USA

APPLICATION DATE

February 2016

PRODUCTS

Belzona 1121 (Super XL-Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Ductile Iron

PHOTOS

1. Corroded pipe before application.
2. Internals of pipe after SP-10 Abrasive Blast.
3. Applicators applying Belzona 1121 to pitting.
4. The pipe after being coated with Belzona 5811.

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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