

# BELZONA REPAIRS AND SAVES INTERNALS OF WASTEWATER PIPE

ID: 6045

Industry: Water / Wastewater

Customer Location: Water Treatment Plant, Bossier City, LA, USA

Application: VPF-Valves, Pipes and Fittings

Application Date: February 2016

Substrate: Ductile Iron

Products: \* Belzona 1121 (Super XL-Metal) ,  
\* Belzona 5811 (Immersion Grade) ,

## Problem

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



## Photograph Descriptions

- \* Corroded pipe before application. ,
- \* Internals of pipe after SP-10 Abrasive Blast. ,
- \* Applicators applying Belzona 1121 to pitting. ,
- \* The pipe after being coated with Belzona 5811. ,

## 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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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