

# PIPING DISTRIBUTION HEADER REPAIRED WITH BELZONA

ID: 335

Industry: Water / Wastewater

Customer Location: Water treatment plant in Florida, USA

Application: VPF-Valves, Pipes and Fittings

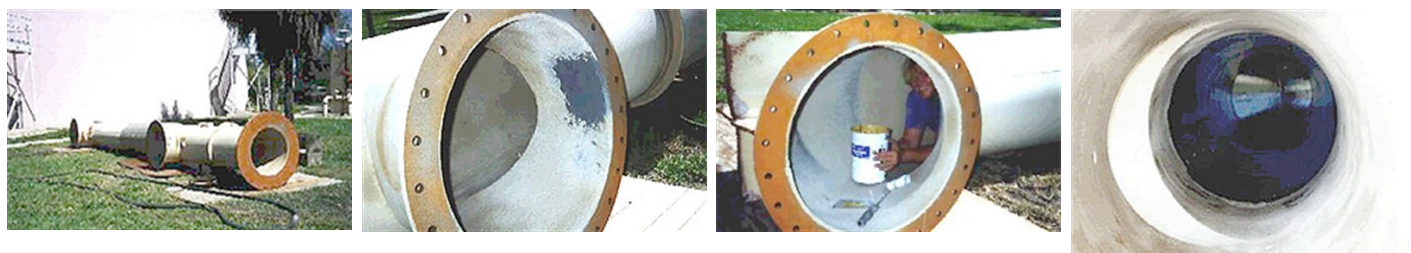
Application Date: May 1999

Substrate: Carbon steel

Products: \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 5811 (Immersion Grade) ,

## Problem

Corrosion as well as erosion deteriorated the entire internal surface of this sludge water piping structure. This pipework transports sludge water from the sedimentation tanks to the digester.



## Photograph Descriptions

- \* View of the sedimentation tanks ,
- \* Repairs to pits with Belzona® 1111 (Super Metal) ,
- \* First coat Belzona® 5811 (Immersion Grade) ,
- \* Second coat of Belzona® 5811 (Immersion Grade) almost complete ,

## Application Situation

Sludge water piping distribution header.

## Application Method

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

## Belzona Facts

Belzona® 5811 (Immersion Grade) is perfectly suited to resist mild erosion coupled with H<sub>2</sub>S attack. Replacing piping can be very difficult if the new section does not line up with the old flange face.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

**BELZONA**  
Repair • Protect • Improve