

# PIPING DISTRIBUTION HEADER REPAIRED WITH BELZONA

ID: 335



## 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.

## 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.

## INDUSTRY

Water / Wastewater

## LOCATION

Water treatment plant in Florida, USA

## APPLICATION DATE

May 1999

## PRODUCTS

Belzona 1111 (Super Metal)  
Belzona 5811 (Immersion Grade)

## SUBSTRATE

Carbon steel

## PHOTOS

1. View of the sedimentation tanks
2. Repairs to pits with Belzona 1111 (Super Metal)
3. First coat Belzona 5811 (Immersion Grade)
4. Second coat of Belzona 5811 (Immersion Grade) almost complete

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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