

PIPING DISTRIBUTION HEADER REPAIRED WITH BELZONA

CUSTOMER

Water treatment plant in Florida, USA

APPLICATION DATE

May 1999

APPLICATION SITUATION

Sludge water piping distribution header.

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.

PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 5811 (Immersion Grade)

SUBSTRATE

Carbon steel

APPLICATION METHOD

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

BELZONA FACTS

Belzona® 5811 is perfectly suited to resist mild erosion coupled with H₂S attack. Replacing piping can be very difficult if the new section does not line up with the old flange face.

PICTURES

1. View of the sedimentation tanks
2. Repairs to pits with Belzona® 1111
3. First coat Belzona® 5811
4. Second coat of Belzona® 5811 almost complete



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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