

BELZONA RECOVERS CONCRETE CLEAR WELL AT A 50-YEAR-OLD WATER PLANT

ID: 7464



PROBLEM

This concrete clear well had 185 linear feet of hairline cracks and corners that were gradually crumbling off as well as exposed rebar.

APPLICATION SITUATION

Concrete clear well.

APPLICATION METHOD

The surface was cleaned by sandblasting and ground out. Belzona 1121 was used to anchor injection ports along the cracks and were injected with Belzona 4154. The tops of the cracks were then sealed with Belzona 4911 Conditioner and Belzona 4141. The same products were used to rebuild and resurface the corners where they had deteriorated away.

BELZONA FACTS

The total cost of this project at this small plant amounted to approximately \$10K in Belzona materials which is significant less than the cost of the complete reconstruction or neglecting the maintenance.

INDUSTRY

Water / Wastewater

LOCATION

Water Plant, Rural Oklahoma, USA

APPLICATION DATE

March, 2017

PRODUCTS

Belzona 4141 (Magma-Build) Belzona 4154 (Bulkfill Resin) Belzona 4911 (Magma TX Conditioner) Belzona 1121 (Super XL-Metal)

SUBSTRATE

Concrete

PHOTOS

1. Hairline cracks on the exterior of the concrete wall 2. Concrete surface preparation 3. Injection ports anchored with Belzona 1121 4. Belzona 4141 application

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.

www.belzona.com

