

# LIFT STATION WET WELL STAYS IN SERVICE WITH HELP FROM BELZONA

ID: 261

**Industry:** Water / Wastewater

**Customer Location:** Central Lift Station in West Palm Beach, Florida U.S.A.

**Application:** TCC-Tanks and Chemical Containment Areas

**Application Date:** October 2000

**Substrate:** Concrete

**Products:**  
\* Belzona® 4141 (Magma Build) ,  
\* Belzona® 4911 (TX Conditioner) ,  
\* Belzona® 5811 (Immersion Grade) ,

## Problem

Hydrogen sulfide attack deteriorated the concrete in the wet well area of a lift station.



## Photograph Descriptions

- \* Deteriorated concrete surface with water penetration from outside ,
- \* First coat of Belzona® 5811 has been applied to the concrete surface ,
- \* Second coat on the upper section of the wet well ,
- \* Completed job ,

## Application Situation

Lift station wet well.

## Application Method

The application was carried in accordance with Belzona Know-How System Leaflet TCC-15.

## Belzona Facts

Severely damaged concrete surfaces above the sewer level were rebuilt with Belzona® 4141 and the entire internal surface of the lift station wet well was protected by two coats of Belzona® 5811. The Belzona Solution offered minimal downtime and long term protection against hydrogen sulfide attack.

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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manufactured under an ISO  
9000 Registered Quality  
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