

LIFT STATION WET WELL STAYS IN SERVICE WITH HELP FROM BELZONA

ID: 261



PROBLEM

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

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.

INDUSTRY

Water / Wastewater

LOCATION

Central Lift Station in West Palm Beach, Florida U.S.A.

APPLICATION DATE

October 2000

PRODUCTS

Belzona 4141 (Magma Build)
Belzona 4911 (TX Conditioner)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Concrete

PHOTOS

1. Deteriorated concrete surface with water penetration from outside
2. First coat of Belzona 5811 has been applied to the concrete surface
3. Second coat on the upper section of the wet well
4. Completed job

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.

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