

BELZONA REPAIRS AND ENHANCES CONCRETE CLARIFIER TROUGHS

CUSTOMER

Wastewater treatment plant in Plantation, Florida USA

APPLICATION DATE

May 1999

APPLICATION SITUATION

80-ft diameter concrete clarifier trough.

PROBLEM

An old coal tar epoxy system had failed and resulted in damage to the underlying concrete. It also made it very difficult to keep the trough clean and free from algae buildup.

PRODUCTS

Belzona® 4111 (Magma Quartz)

Belzona® 5811 (Immersion Grade)

SUBSTRATE

Concrete and steel

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets TCC-9 and TCC-15.

BELZONA FACTS

Belzona was specified by an engineering firm called CDM. A total of four clarifiers were repaired at this facility. The management believes that the Belzona System makes it easier to clean and protects the trough substrate. Over three-years later, the Belzona is still providing excellent protection.

PICTURES

1. Clarifier drained to affect repairs
2. Concrete damage from failure of coal tar epoxy system
3. Application of second coat of Belzona® 5811
4. Finished application.



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



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