

EcoSeal, LLC

Bio Seal 911 and ES 600 Concrete Tank Repair and Coating



CUSTOMER

Rio Services Texas and Galveston County Texas City Dike

PROJECT TEAM

Rio Services Texas, and Eco Seal provided a proven Tank Repair process

PROJECT OVERVIEW

Galveston County has a water tank designed to hold water for pressure service, and the tank was in bad need of repair. The concrete was Spalding, and had cracks inside and out. Our team was hired to repair the tank and coat inside and out to increase the service life.

CONSIDERATIONS

Timing was a major issue on this project due to the need for the tank to operate the dike system. We had to deal with internal pressures, and needed a fast cure epoxy to shape and smooth the surfaces before we coated the tank. The other consideration was the saturated concrete, and the ES 600 was used for the adhesion properties even with wet surfaces. This product is formulated for constant immersion service, so wet surfaces are not a problem.

SYSTEM PRODUCTS

Bio Fix 911 was used to fill and shape the cracks, and missing concrete areas. Fast cure, and ease of troweling makes this a great product for this service.

ES 600 is designed for total Immersion service, and was used to fight back the water intrusion from the saturated concrete. Both sides were coated to assure a strong seal, and stop future rusting, and Spalding issues,