

# TRINITY RIVER AUTHORITY OF TEXAS LIVINGSTON WTP & PS EXPANSION LIVINGSTON, TEXAS



## Project Description

Project included the expansion of the existing facility from a 2.5 MGD Plant to a 5.0 MGD Plant and modifications of two existing traditional clarifiers which consisted of removing the existing clarifier equipment, structural concrete modifications and retrofit with new Infilco Degremont Superpulsator clarifier equipment. The project included lake intake which included 2 ea. 400 LF intake lines with stainless steel screens and involved the construction of a cofferdam in Lake Livingston. There was also construction of a new raw water pump station that was 30 LF deep and adjacent to Lake Livingston, new headworks structure, dual media filters, backwash pumps replacement, new chemical feed and storage facilities and approximately 5,000 LF of 16-inch diameter raw water transmission line including appurtenances.

## At a Glance

**Contract Amount:**  
\$16.1 M

**Notice to Proceed:**  
September 16, 2013

**Completion Date:**  
February 15, 2017

**MGD:**  
5

**Owner:**  
Trinity River Authority of Texas

**Engineer:**  
Klotz Associates