

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 modification of two existing traditional clarifiers which consisted of removing the existing clarifier equipment, structural concrete modifications and retrofit with new Infilco Degremont Superplusator 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. The project included construction of a new raw water pump station that is 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 and one (1) 60" diameter Air Release Vault. The proposed waterline was constructed primarily adjacent to FM 350 both within and adjacent to the road right-of-way.

## 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