

Municipal Wastewater

Date Completed:

2010

Construction Cost:

\$10.0 Million (Estimated)

Client or Owner's Rep:

Mr. Brent Nicholas, PE
Project Manager, CDM Smith

Highlights:

- ✓ **Electrical, Instrumentation and Controls**
- ✓ **Rehabilitation**
- ✓ **Construction Phasing to Keep Existing Plant in Operation**

69th Street Wastewater Treatment Plant Improvements Package 2

City of Houston | Houston, Texas

Project Description | The project included improvements to Reactor Mixers, Effluent Filters and Rotary Drum Screens.

Services Provided | As a sub-consultant to CDM Smith, KGI was responsible for evaluation of the existing electrical system and recommendation of proposed improvements. KGI was responsible for preparing bid documents related to electrical, instrumentation and controls portion of the project. In addition, KGI participated in the construction phase services including preparing final punch list items. Some of the major improvements included:

- Replace sixty four (64) surface aerators ranging in sizes from 40 HP to 75 HP
- Electrical, Instrumentation and Control Improvements to existing ABW Filters
- Electrical and I&C Wiring Improvements to five (5) Rotary Drum Screens
- Overall I&C and SCADA coordination drawings