

## Municipal Lift Station

### Date Completed:

2015

### Construction Cost:

\$3.0 Million (Estimate)

### Client or Owner's Rep:

Mr. Robert Thompson, PE  
Sr. Project Manager,  
Jacobs/CH2M Hill

### Highlights:

- ✓ **New Lift Station - Wetwell/Drywell Type**
- ✓ **Electrical, Instrumentation and Controls**
- ✓ **Electrical Building**
- ✓ **Dry Pit Type Submersible Pumps**
- ✓ **500 Year Flood Elev**
- ✓ **New Electrical Service**
- ✓ **Site Lighting**

## Kingwood Lift Station No. 21

### City of Houston | Houston, Texas

**Project Description** | The project includes rehabilitation of existing lift station including electrical, instrumentation and control.

**Services Provided** | As a sub-consultant to Jacobs/CH2M Hill, KGI is responsible for electrical, instrumentation and controls portions of the project. The project included complete rehabilitation of the existing electrical, instrumentation and control systems for wetwell/dry pit type lift station with three (3) dry pit type submersible pumps. The project included:

- New electrical service
- New MCC
- New Indoor Lift Station Control Panel
- New pressure transducers for level sensing
- Manual Transfer Switch for portable generator
- Lighting, Grounding and other miscellaneous electrical
- Coordination with CenterPoint Energy for power