

## Municipal Lift Station

**Date Completed:**

2019

**Construction Cost:**

\$4.187 Million

**Client or Owner's Rep:**

Mr. Marcel Khouw, PE  
Sr. Project Manager, IDS

**Highlights:**

- ✓ **Lift Station**
- ✓ **Electrical, Instrumentation and Controls**
- ✓ **Odor Control**
- ✓ **Rehabilitation**
- ✓ **Temporary Power**

**Photos:** Lift Station Control Panel and Odor Control System

## Greens Crossing No. 3 and Parker Street Lift Station Rehabilitations, and Fir Ridge Diversion

### City of Houston | Houston, Texas

**Project Description** | The project includes rehabilitation of Greens Crossing No. 3 and Parker Street lift stations including electrical, instrumentation and control.

**Services Provided** | As a sub-consultant to IDS., KGI was responsible for electrical, instrumentation and controls portions of the project during PER, detailed engineering and construction phases. KGI's scope included removing and replacing existing electrical power, controls, and instrumentation not only to meet the higher pump HP requirements but also to comply with latest City of Houston Lift Station Design Standards. The project included the following lift stations:

- Greens Crossing No. 3 Lift Station - Replace existing pumps with four new 50 HP submersible pumps. The existing lift station has to be in service at all times while the electrical improvements are implemented.
- Parker Street Lift Station – Electrical Improvements to existing three existing 15 HP submersible pumps and Odor Control system

