

Fats Oils Grease Champion Lift Station

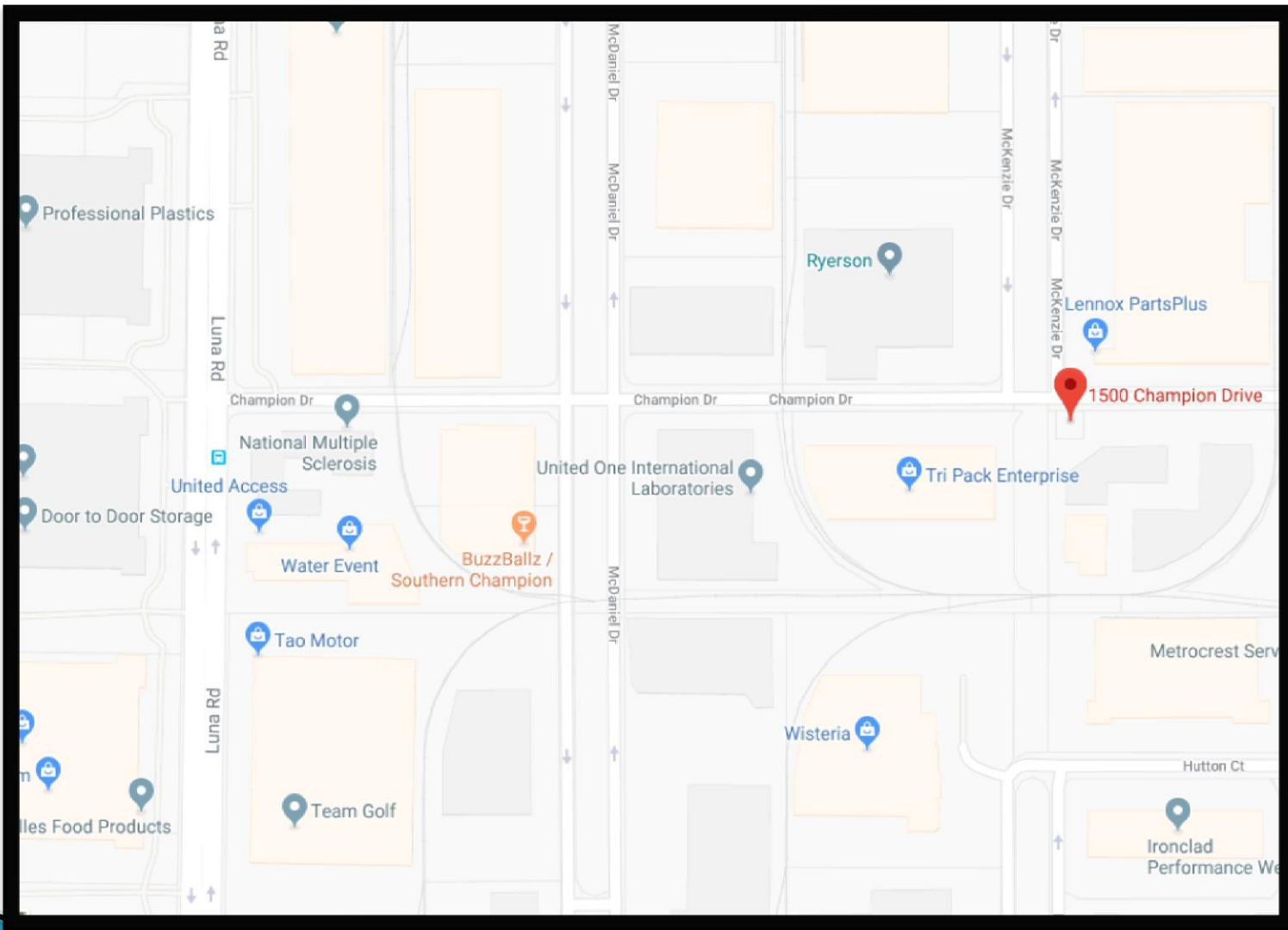
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What is a Lift Station

- ▶ **Facilities designed to move waste water.**
- ▶ **Lower elevations to higher elevations**
- ▶ **Key elements: wet-well, pumps and piping, motors, power supply system, equipment control and alarm system, and an odor control and ventilation system**

Champion Lift Station



Champion Lift Station



Fats Oil and Grease (FOG) in Lift Stations

- ▶ **Clog and slow functioning of lift station**
- ▶ **Decreases capacity**
- ▶ **Damage to pump and motor**
- ▶ **Weigh down floats**
- ▶ **Throws off level transmitters**
- ▶ **Slow down aerobic activity**

FOG in Sanitary Sewer System

- ▶ **Sanitary Sewer overflows**
- ▶ **Contaminating waterways with disease causing pathogens**
- ▶ **Harmful algal blooms, floating debris and impacts threatened and endangered species**
- ▶ **Property damage**

Grease in Champion Lift Station



Grease in Champion Lift Station



Grease in Champion Lift Station



Maintenance of Lift Stations

- ▶ **Total Cost since January 2018 - \$1650.75**
- ▶ **Cleaning of floats**
- ▶ **Vactor Truck to remove grease**

City of Carrollton Vactor Truck





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