

City of Lake Jackson

Working Clean With
Compressed Natural Gas



About our Fleet

- 20 of 43 Light Duty (1 – Ton or Less) are Compressed Natural Gas (CNG)
- 16 Medium Duty, none are CNG
- 14 of 15 Heavy Duty Trucks are CNG
+ 1 more this Fiscal Year
- Fleet Maintenance is In-House

History of our CNG Program

- Started with 4 Pickups in 2001
 - Fueled at Centerpoint Energy Public Access Station in Clute (10 miles)
- 3 Garbage Trucks in Service since November 2002
 - Slow Fueled off of Temporary Compressor
- Completed On-Site Station with Slow and Fast Fill Capability – July 2003
 - Station Expansion Completed – Dec 2007

About the CNG Station

- Compressor Station
- Slow Fill Posts
- Quick Fill Posts



About Light Duty

- Pickups (15, 2001- 03)
 - Ford F150, 7700 series
 - 5.4 Liter Dedicated
- Honda Civic (5, 2003 - 08)
 - “Greenest Car”
- Daewoo Fork Lift



About Heavy Duty

- Residential Rear Loader (8)
 - Auto Car w/Cummins Engine
 - Crane Carrier w/John Deere Engine
 - Crane Carrier w/Cummins Westport Engine
- Commercial Side Load (4)
 - Mack Chassis w/Mack Engine
- Commercial Roll-Off (2)
 - Mack Chassis w/Mack Engine
 - Crane Carrier w/Cummins Westport Engine



About Heavy Duty

- Incremental Cost - \$50,000 per Truck
 - Grant opportunities, we have received CMAQ grants through HGAC for all of our heavy duty trucks
- Emissions – reduced versus diesel
- Fuel Cost – reduced versus diesel