

# 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
  - Time-Fueled off of Temporary Compressor
- Completed On-Site Station with Timed and Fast Fill Capability – July 2003
  - Station Expansion Completed – Dec 2007

# About the CNG Station

- Compressor Station
- Time-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