

# City of Lake Jackson

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Working Clean With  
Compressed Natural  
Gas



# About Lake Jackson

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- City of Around 27,000
- Close to the Coast, About 1 hour South of Houston
- Proud of Responsible Stewardship of our Resources and Environment

# About our Fleet

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- 43 Light Duty (1 – Ton or Less)
  - 16 - Compressed Natural Gas (CNG)
- 16 Medium Duty
- 14 Heavy Duty Trucks
  - All CNG by End of Year
- Fleet Maintenance is In-House

# Why CNG for Lake Jackson

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- Is Not Driven by Regulation
- We Support as a Community the Goals of:
  - Energy Diversification – Alternative Fuel
  - Clean Air – Low Emission
- We Demand from a Program
  - Achieve Both Goals
  - OEM Equipment
  - Dedicated Engines

# History of Our CNG Program

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- Started with 4 Pickups in 2001
- 3 Garbage Trucks in Service since November 2002
- Completed On-Site Station with Slow and Fast Fill Capability – July 2003
- Station Expansion Project Currently Underway

# CNG Station

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# About Light Duty

- Pickups (14, 2001-03)
  - Ford F150, 7700 series
  - 5.4 Liter Dedicated
- Honda Civic (2)
  - "Greenest Car"



# About Light Duty

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- Daewoo Fork Lift



# About Heavy Duty

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- Residential Rear Loader (8)
  - AutoCar w/Cummins
  - Crane Carrier w/John Deere



# About Heavy Duty

- Commercial Side Load (4)
- Commercial Roll-Off (2)
  - 4 Macks and 1 Crane Carrier w/Cummins



# Challenges

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- Equipment Availability
- Fueling Infrastructure
- On-Board Fuel Storage

# Opportunities

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- Fuel Cost
  - Energy Policy Act
- Grant Funding for Incremental Cost
- Operator and Citizen Satisfaction

# Need More Information

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