



**Fleet
Mobility
Services**

City of Austin

Renewable Natural Gas and Propane Webinar



Will O'Connor | Division Manager Fleet Mobility Services | August 23, 2023

City of Austin a Dynamic and Diverse Fleet

City of Austin Fleet Compliment

- Fleet Mobility Services manages a comprehensive full life cycle management program for approximately 7,200 vehicles and equipment assets owned by the City of Austin. These services include budget, acquisition, make ready, maintenance and disposal as well as maintaining 42 fuel sites
- The Department is currently organized into three functional areas: Service Center Operations Division, Emerging Technologies Division, and the Business Operations Division

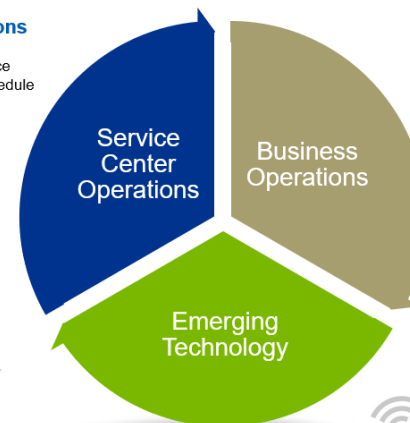
Joe Dixon
Service Center Operations

- Inside Repair & Maintenance
- Outside Repair & Maintenance
- Preventive Maintenance Schedule
- Repair Work Order History
- Roadside Assistance

Angela Vogel
Human Resources

- Onboarding
- Training
- Occupational Health & Safety

Jennifer Walls Fleet Director



Rick Harland
Emerging Technology

- Fleet Mobility Strategy
- Life Cycle Management & Acquisitions
- Make Ready & Auction Services
- Fuel Infrastructure Management
- IT & Fleet Management Systems

Gloria Esparza
Business Operations

- Finance & Accounting
- Contract Management
- Purchasing
- Inventory Control
- Fuel Inventory Management
- Grants

Compressed Natural Gas



CNG – Compressed Natural Gas

Vehicle Applications

ABIA Shuttle Buses

- Renewable Natural Gas provided by Clean Energy CNG station located at airport
- (14) CNG shuttle buses and (1) runway sweeper
- (10) CNG shuttle buses will be purchased in 2024 with TCEQ GAFF grant funding - \$40k discount per bus

Austin Resource Recovery

- (18) Refuse trucks and sweepers
- (4) Light Duty pickups

Comments:

- City of Austin CNG station at 2400 Business Center Drive opened in 2008. Owned by City and operated by Trillium CNG
- CNG station Operations & Maintenance contract rebid in 2024 and will include RNG in scope of work

Propane



Propane

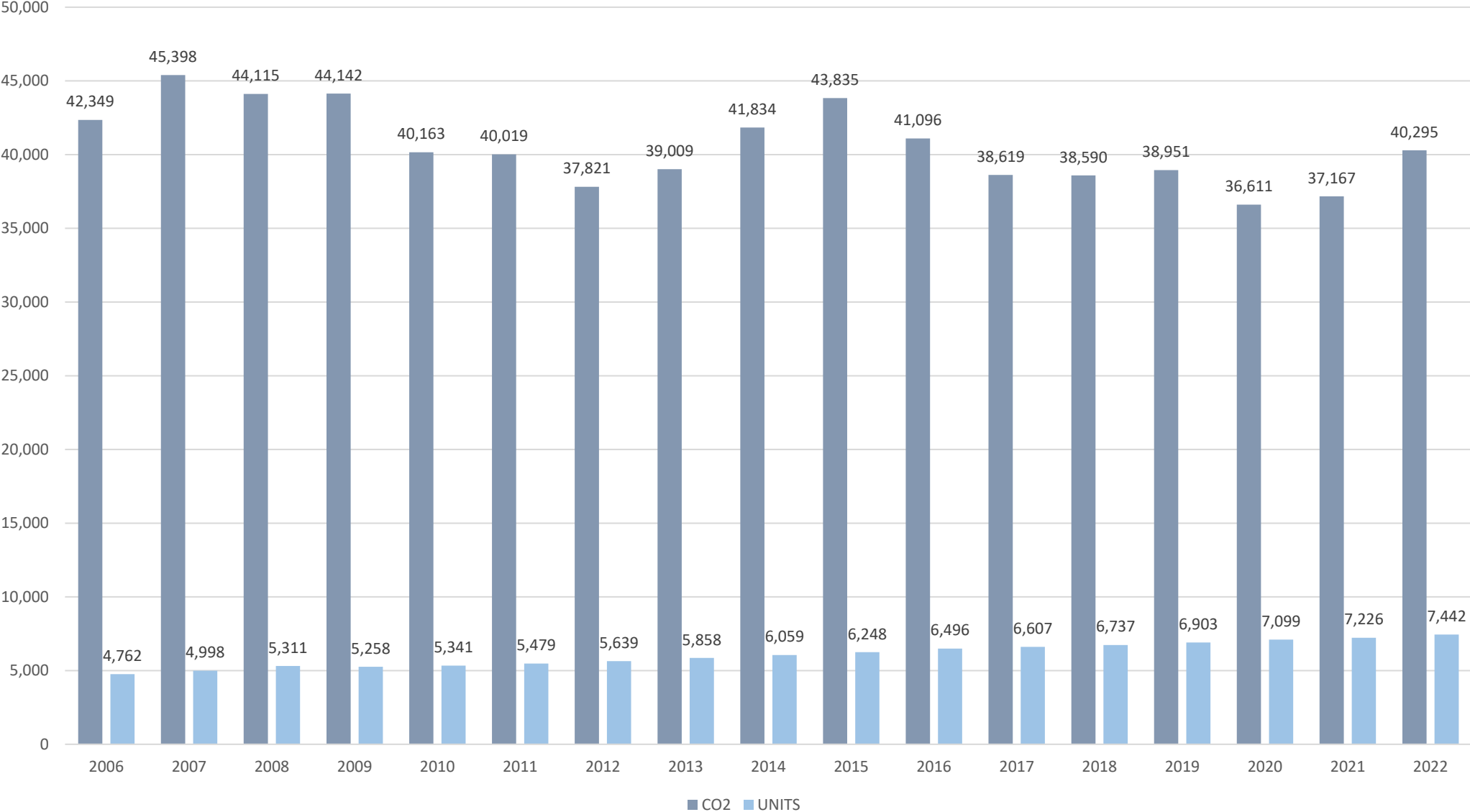
Vehicle Applications

- ~ 200 propane units in City fleet
- Ranging from Ford and Chevrolet pickups, mowers, forklifts, street equipment (thermoplastic melters, asphalt pavers)
- Ford pickups are Roush OEM supported installations
- Chevrolet pickups are aftermarket conversions (Emmegas)

Comments:

- City of Austin has 4 propane fueling sites
- Propane infrastructure generally inexpensive, similar to gas/diesel fuel operations
- Propane vehicles are easy to work on, don't require much additional technician training

FLEET SIZE AND CO2 EMISSIONS (METRIC TONS)



City of Austin Fleet has grown from 4,762 to 7,442 vehicles in 15 years – 56% increase in fleet size
Total carbon output lower than 2007 levels before alternative fuels introduced on large scale

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Thank you

