

# Regional Management Plan Subcommittee Meeting

Hannah Allen

Thursday, October 18, 2018

# 1. Past Progress

- ▶ Regional Recycling:
  - ▶ Regional Recycling Survey and Campaign
  - ▶ 2010 Regional Recycling Rate Update
  - ▶ Recycling Contract Negotiation Guidebook (2009)
  - ▶ Time to Recycle
    - ▶ Promotional “Talking Trash” campaign (FY 2014-2015)

# 1. Past Progress

- ▶ Household Hazardous Waste
  - ▶ SHARE RFP Project
- ▶ Illegal Dumping
  - ▶ Illegal Dumping Workshops with John Ockels
    - ▶ Provided on each biennium
  - ▶ Report DFW Dumping.org
    - ▶ Promotional campaign summer 2017
  - ▶ Texas Association of Regional Councils webinar

# 1. Past Progress

- ▶ In last 6 grant cycles (2008-2019), the following grant types have been funded:
  - ▶ Regional Recycling: 8 grants
  - ▶ Household Hazardous Waste: 17 grants
  - ▶ Illegal Dumping: 23 grants
    - ▶ Includes education, enforcement, and cleanup events

# Discussion

2. Discussion of Focus Area 1: Regional Recycling
3. Environmental Research and Education Foundation (EREF) Grant
4. Discussion on NCTCOG's Transportation Department's Landfill Methane Gas Capture Workshop

# **Air Quality Update: Renewable Natural Gas Opportunities and Volkswagen Settlement Developments**

# Fleets using RNG in DFW

## DART

Uses 1.2 million MMBTUs of natural gas annually in CNG buses

CNG fleet is expected to run on 100% RNG

Last month, DART approved a 5-year contract to utilize RNG in their CNG fleet

## DFW Airport

Supports the McCommas Bluff LFG project

RNG supplied will increase annually from 10% to 90% through 2025

Since October 2017, DFW has received **30% RNG**

# Summary of RNG Vehicle Fuel Projects & Potential Projects

## Operational Projects

**12** projects in Texas, **5** of which are in DFW (3 at McCommas Bluff, and 2 at 121 Regional Disposal Facility)

LFG flow-to-project in DFW:  
**18.1 mmscfd**

Total yearly *methane* reductions for DFW projects:  
**3.88 MTCO<sub>2</sub>e**

Plus, **1 project** is under construction in Arlington LF

## “Candidate” Facilities

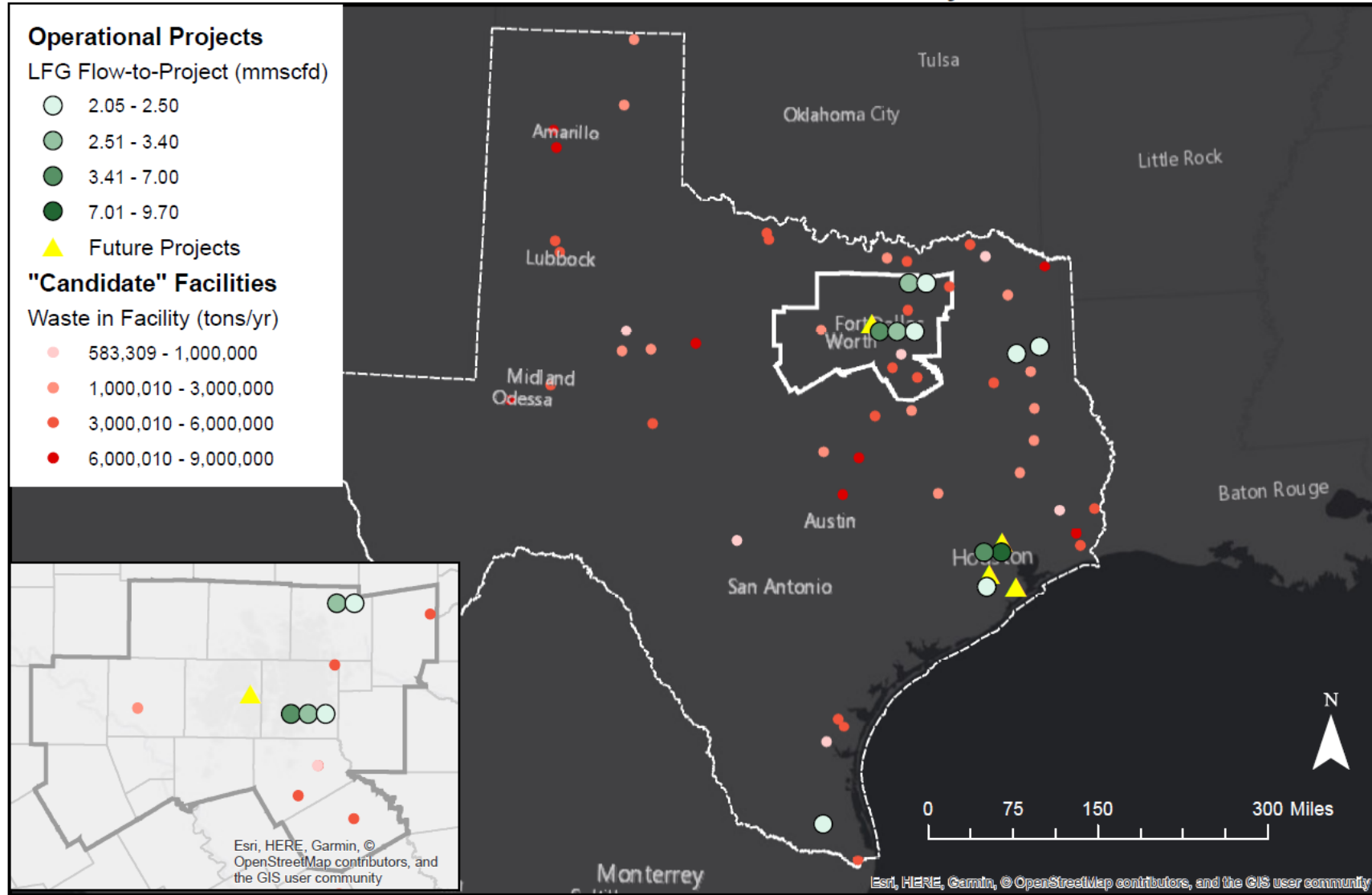
**54 Facilities** in Texas are identified by the EPA (based on waste-load managed)

**8 Facilities** identified in DFW

Waste-in-place at “candidate” facilities within DFW:  
**42,004,748 tons**



# RNG for Vehicle Fuel Projects in Texas



Feedstock	Active Projects	Project Production (active)	Metric	Potential Feedstock Amount	Metric
Landfills	Yes	44.364	mmscfd	242,641,893	tons/yr

# RNG Projects in DFW?

Is there a need for more methane capture projects?

Are RNG projects feasible for private and public landfill owners?

Is more outreach needed to increase awareness of RNG and its associated benefits?

Would a workshop on RNG add value? Should the content be tailored to landfill operators or specific end-users?

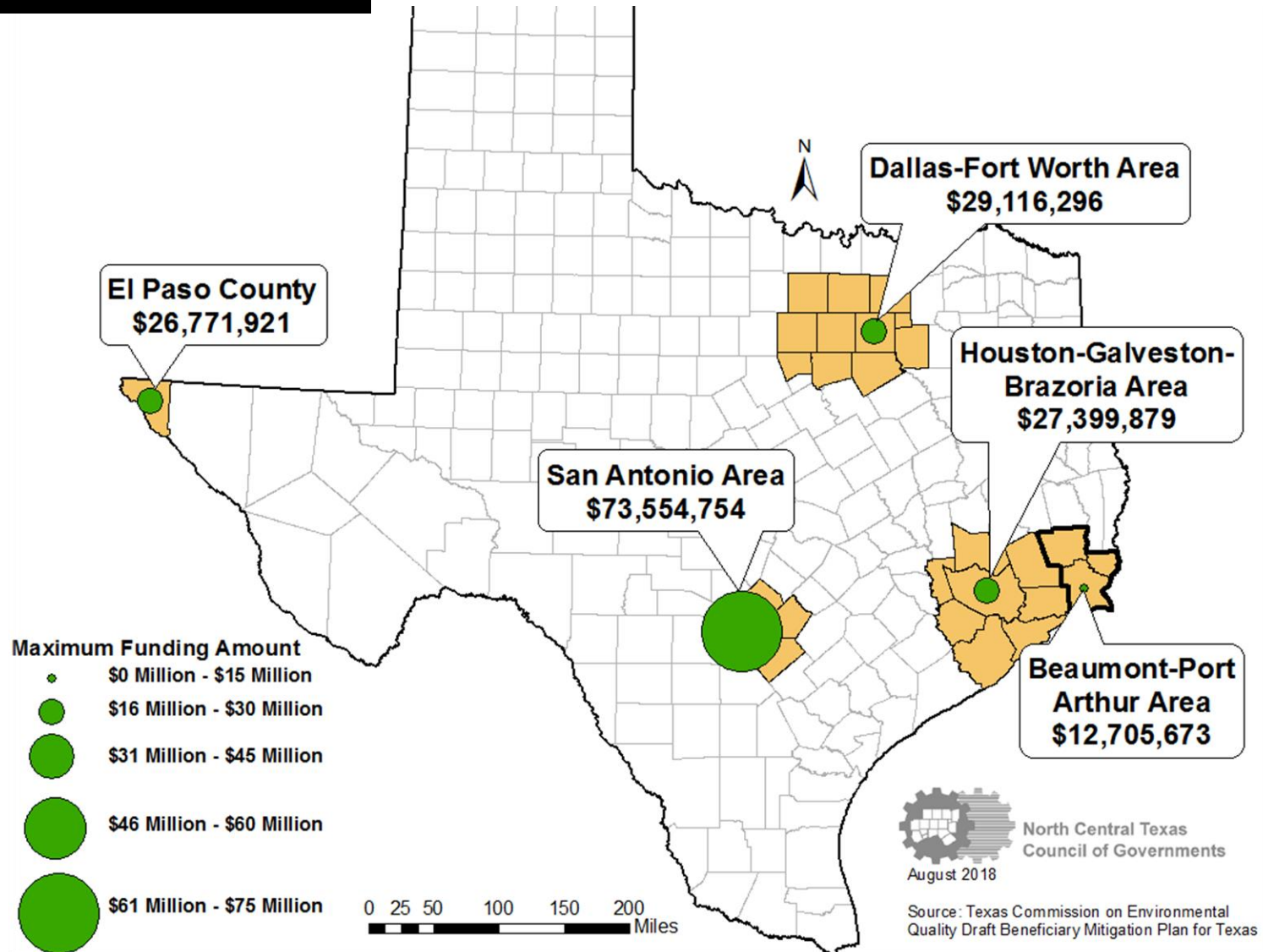
Are there other viable sources of RNG in DFW that should be looked into?

# Funding Opportunities: VW Funds

# Geographic Eligibility & Funding Distribution

**Current TCEQ  
Proposal**

**Distribute to Priority Areas Based on  
(1) Severity of Ozone Levels and (2) Population**



# Proposed Funding Levels for Texas: On-Road

Class 4-7 Local Freight Trucks  
 Class 8 Local Freight Trucks  
 and Port Drayage Trucks

Class 7-8 Refuse Haulers  
 School Buses  
 Transit/Shuttle Buses

Project Type	Ownership	New Fuel Type	Funding Allowed by Trust	Funding Proposed by TCEQ
Replace or Repower	Govt Owned	Electric*	100%	60%
		Alt Fuel/Hybrid	100%	60%
		Diesel	100%	60%
Replace	Non-Govt Owned	Electric*	75%	60%
		Alt Fuel/Hybrid	25%**	25%**
		Diesel	25%**	25%**
Repower	Non-Govt Owned	Electric*	75%	60%
		Alt Fuel/Hybrid	40%	40%
		Diesel	40%	40%

\*Up to 60% of Cost of Necessary Infrastructure for All-Electric Vehicles also Eligible

\*\*Exception is Drayage Trucks, which qualify for 50%

*First Application Round expected to open by the end of 2018*

TCEQ Website: [www.TexasVWFund.org](http://www.TexasVWFund.org)

# TERP: Grant Programs

## Texas Natural Gas Vehicle Grant Program

Eligible HD and MD motor vehicles can be *replaced or repowered*

Accepting applications until May 31, 2019

## Texas Clean Fleet Program

Eligible applicants can *replace* HD and LD on-road diesel vehicles with alternative fuel and hybrid vehicles

Reimbursement up to 80% of the incremental cost

Application Period: **coming soon**

# For Additional Information

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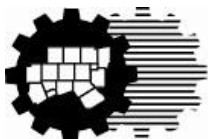
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North Central Texas  
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CLEAN CITIES

# Discussion

## 5. Roundtable/Other Business



# Next Meeting

Date and time to be determined by the subcommittee.

## Contact

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