

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 MTCO₂e

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

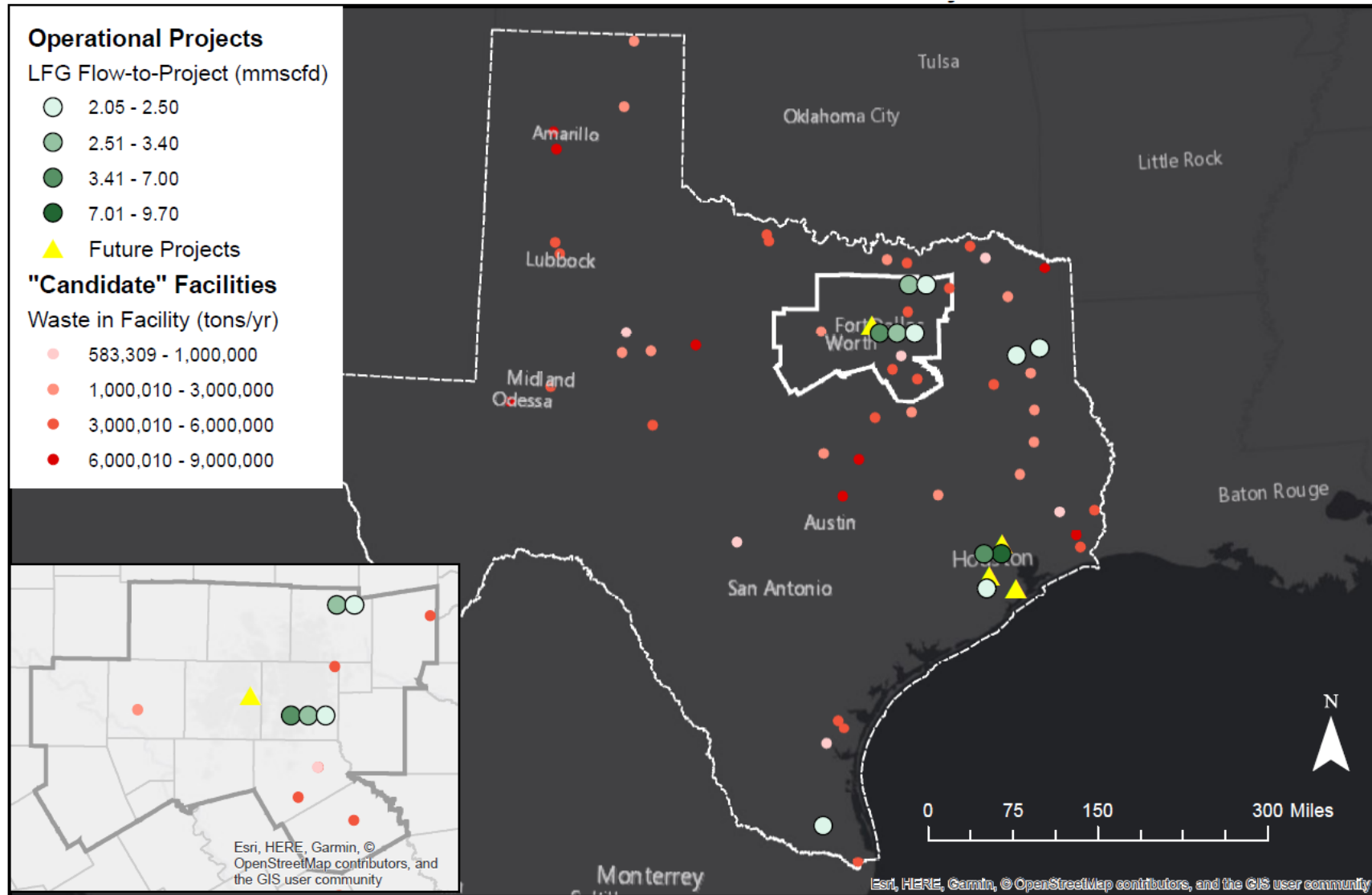
“Candidate” Facilities

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?

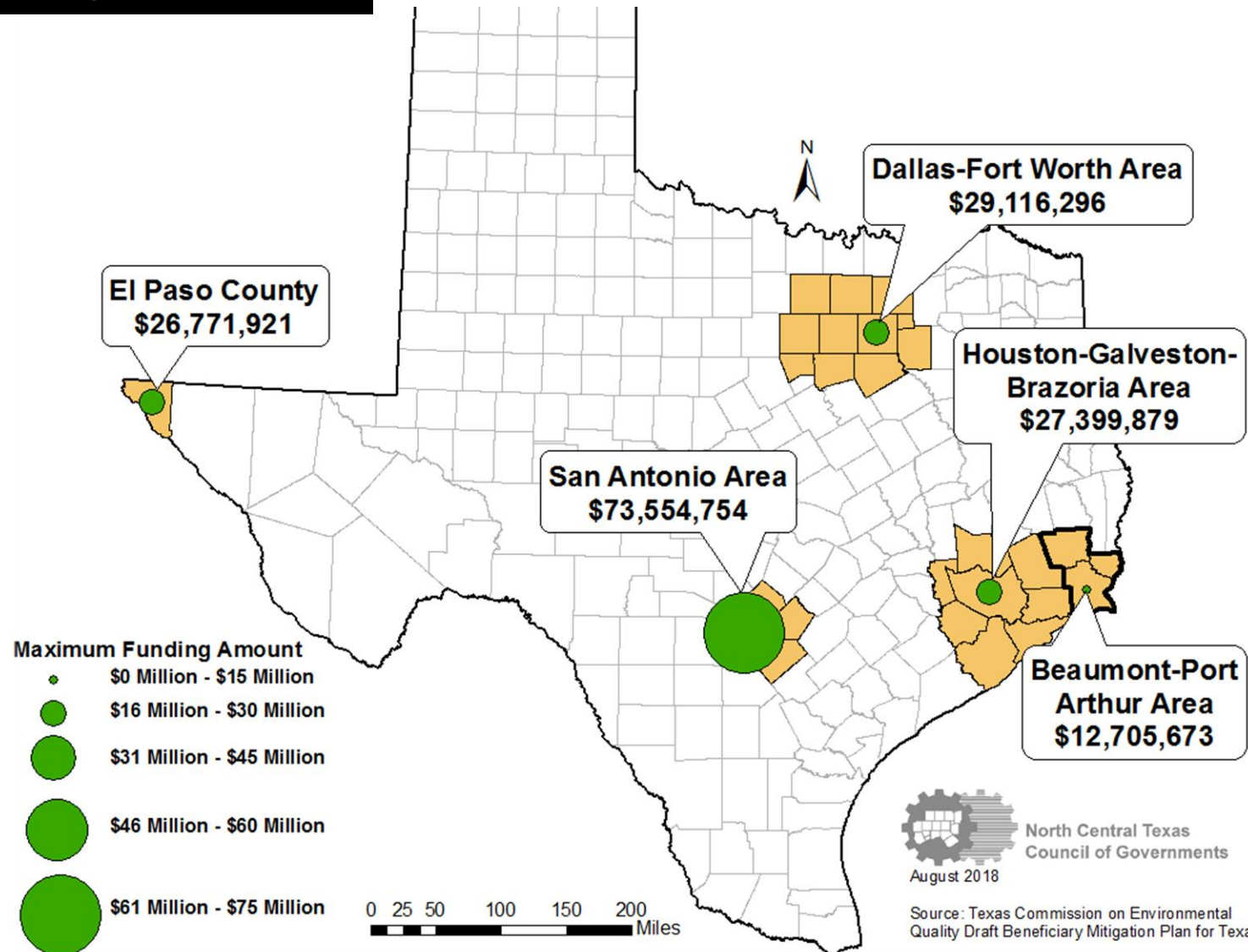
Are there other viable sources of RNG in DFW that should be looked into?

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

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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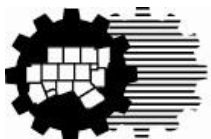
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North Central Texas
Council of Governments



Dallas-Fort Worth
CLEAN CITIES

Discussion

5. Roundtable/Other Business

Next Meeting

Date and time to be determined by the subcommittee.

Contact

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