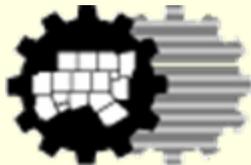


LOCALLY ENFORCED IDLING RESTRICTIONS

City of Fort Worth

January 14, 2009



Carrie Reese

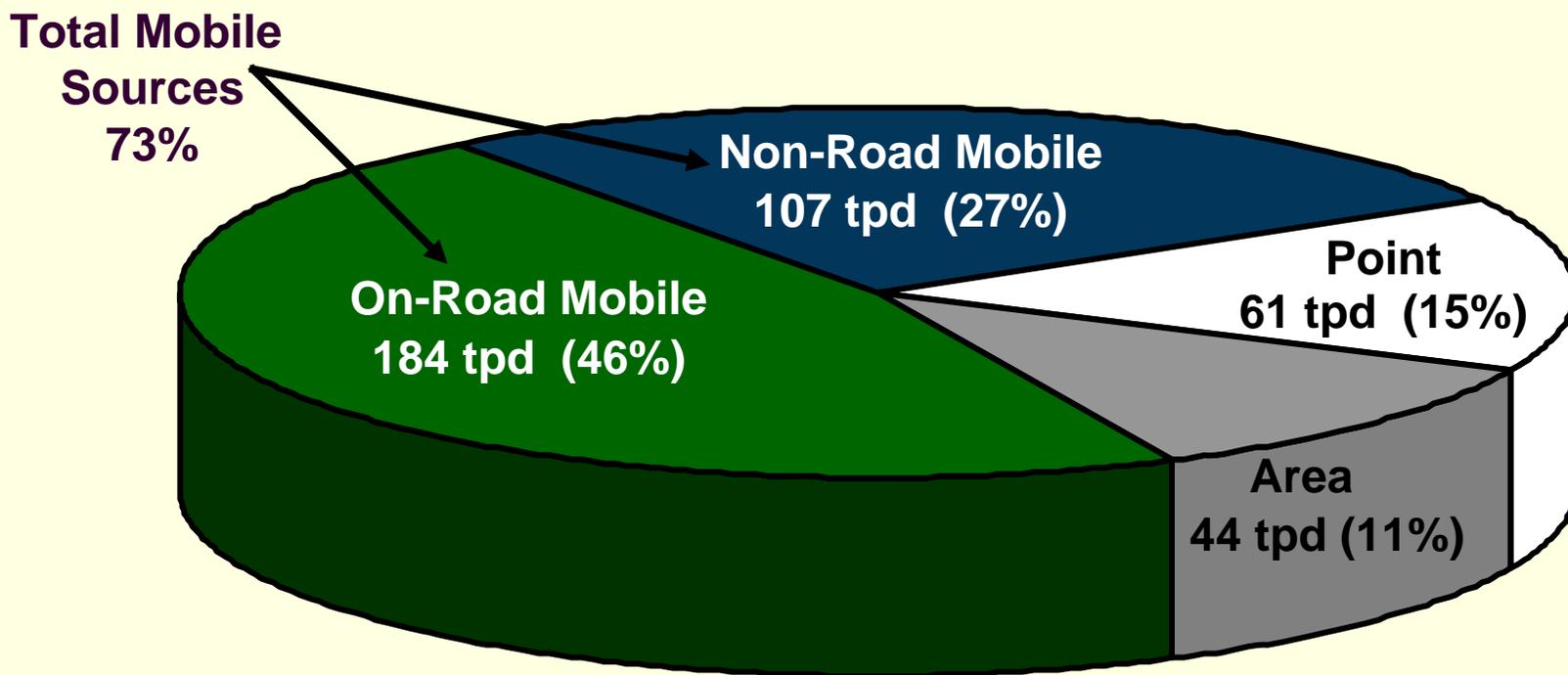
Amanda Brimmer, E.I.T.

North Central Texas Council of Governments

DFW NONATTAINMENT AREA

2009 Nitrogen Oxides (NO_x) Emissions Inventory

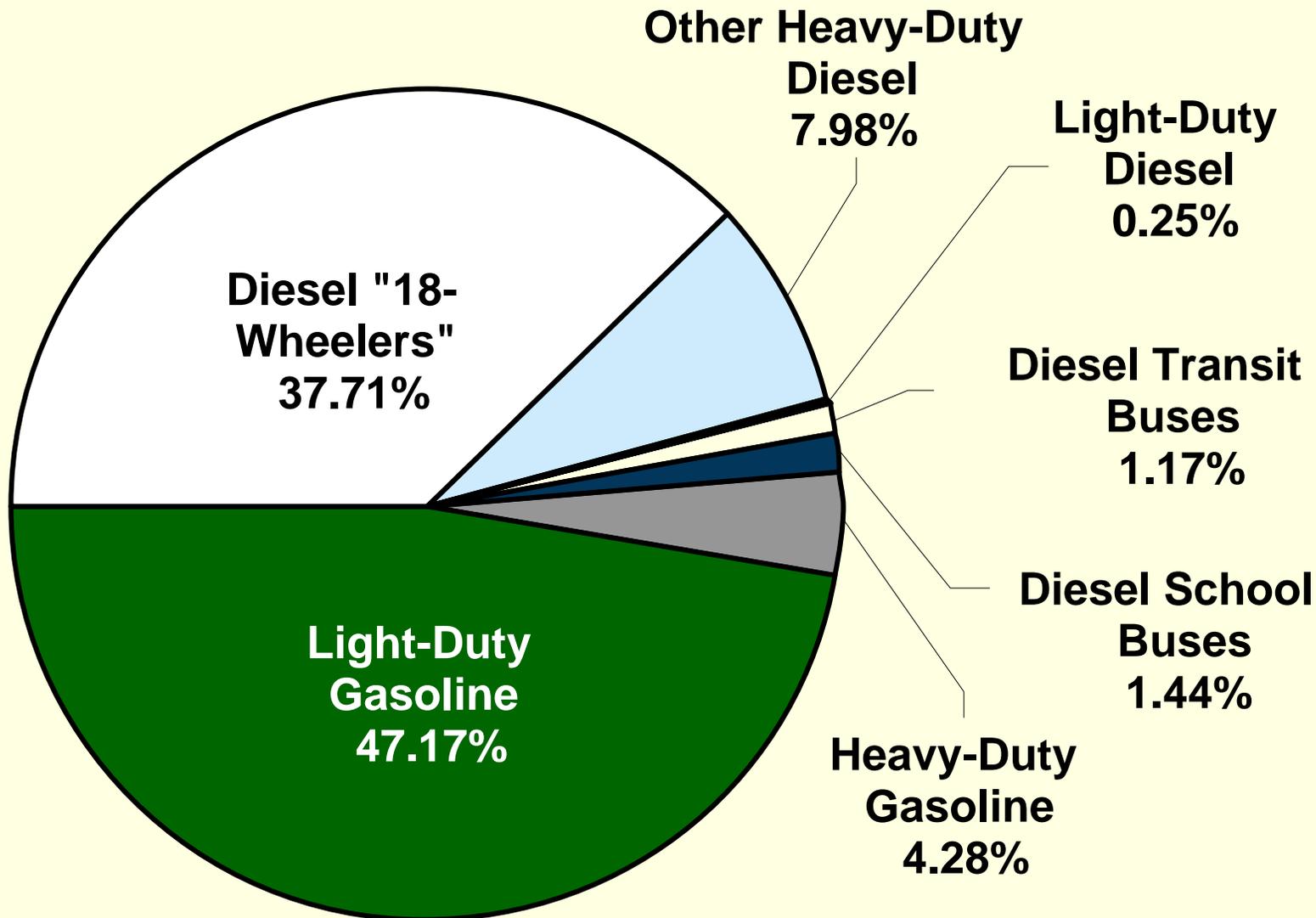
Emission Source Category Estimates



Total NO_x = 396 Tons Per Day (tpd)

DFW NONATTAINMENT AREA

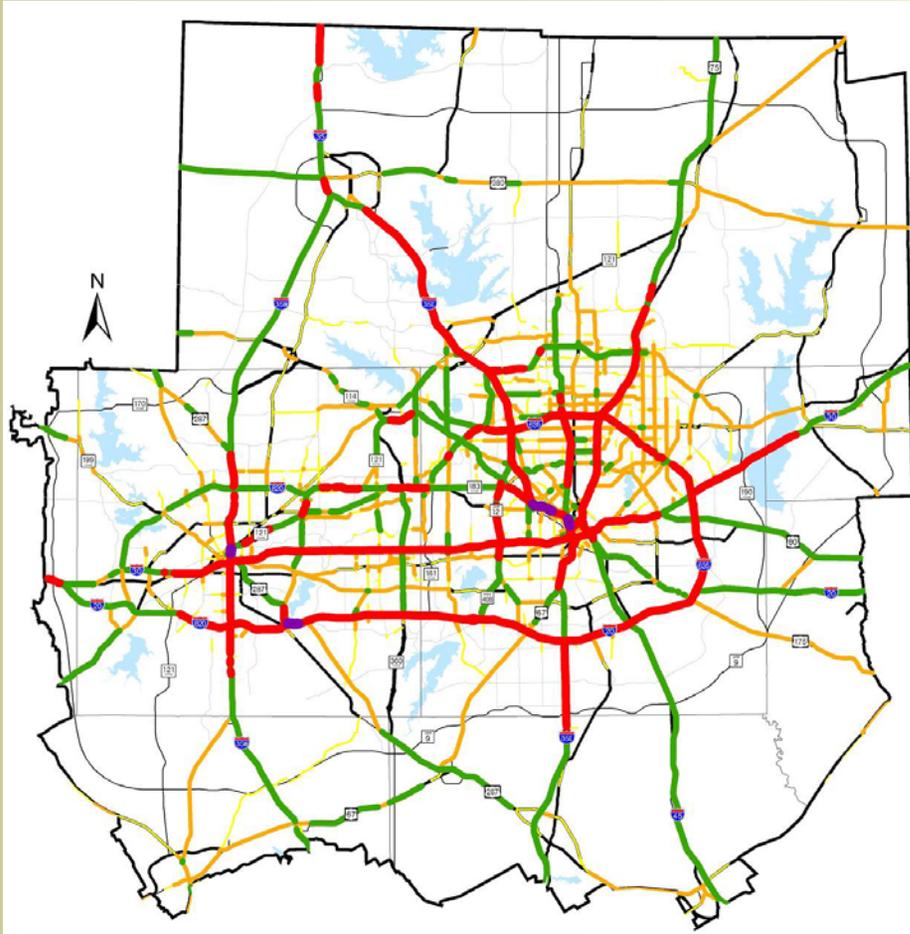
2009 On-Road NO_x Emissions Inventory



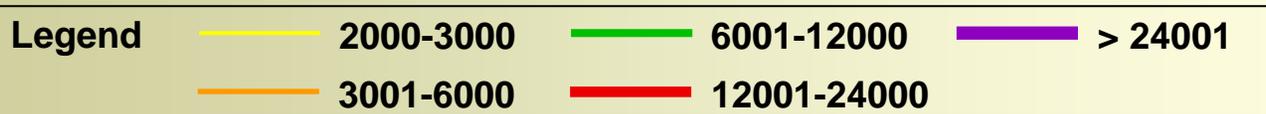
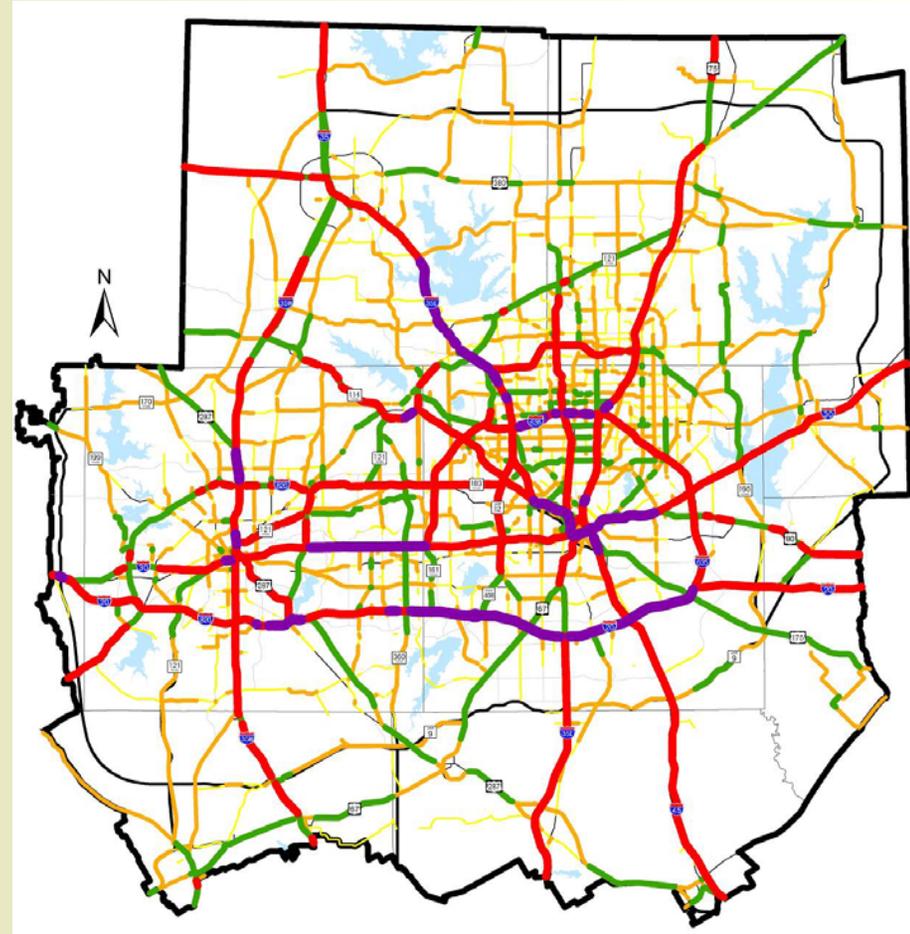
REGIONAL TRUCK VOLUMES

DFW Nonattainment Area

2005 Truck Volumes



2030 Truck Volumes



8-HOUR OZONE STATE IMPLEMENTATION PLAN

Dallas-Fort Worth Nonattainment Area

NORTH CENTRAL TEXAS STATE IMPLEMENTATION PLAN VOLUNTARY MOBILE EMISSION REDUCTION PROGRAM (VMEP) EMISSION BENEFITS BY PROGRAM TYPE

PROGRAM TYPE	2009 NO _x BENEFITS (tons per day)		2009 VOC BENEFITS (tons per day)	
	Modeled	Post-Processed	Modeled	Post-Processed
Clean Vehicle Program	0.00	0.24	0.00	0.05
Employee Trip Reduction	0.43	0.00	0.28	0.00
Locally Enforced Idling Restriction	0.00	0.62	0.00	0.02
Diesel Freight Idling Reduction Program	0.00	0.33	0.00	0.01
SmartWay Transport Demonstration Project	0.00	0.00	0.00	0.00
Public Agency Policy for Construction Equipment	0.00	0.06	0.00	0.01
Aviation Efficiencies	0.00	0.95	0.00	0.24
TOTAL BENEFITS (tons per day)	0.43	2.20	0.28	0.33

(1) NO_x = Nitrogen Oxides, VOC = Volatile Organic Compounds

LOCALLY ENFORCED IDLING RESTRICTIONS

Control Requirements (TAC Title 30 Ch 114)

No Gasoline or Diesel Powered Motor Vehicle Over 14,000 Pounds (GVWR) May Idle the Main Engine for More Than 5 Minutes When the Vehicle is Not in Motion

Applicable From April 1 Through October 31

No Driver Using Vehicle's Sleeper Berth May Idle In:

A Residential Neighborhood

A School Zone

Within 1,000 Feet of a Hospital or School

Within a 2-Mile Radius of a Facility Offering External Heating and Air Conditioning

LOCALLY ENFORCED IDLING RESTRICTIONS

Exemptions (TAC Title 30)

Vehicle Type

Vehicles With Sleeper Berth (Before Sept. 2009 Only)

Military, Emergency or Law Enforcement Vehicles

Airport Ground Support Equipment

**The Owner of a Vehicle Rented or Leased to a Person
Not Employed By Owner**

Operations

Idling Due to Traffic Congestion

**Motors Run as Power Source for Mechanical
Operations**

**Idling During Operation for Maintenance/Diagnostic
Purposes**

Operation of Engine Solely to Defrost a Windshield

LOCALLY ENFORCED IDLING RESTRICTIONS

Exemptions Continued (TAC Title 30)

Air Conditioning and Heating Provision

**For Passenger Comfort and Safety in Vehicles
Intended for Commercial/Public Passenger
Transportation or Passenger Transit Operations
(30 Minutes Maximum)**

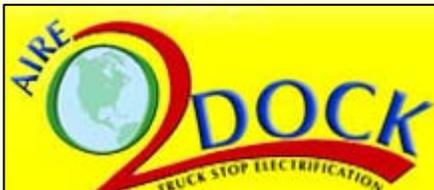
**For Employee Health or Safety While Employee is
Using Vehicle to Perform an Essential Job
Function Related to Roadway Construction or
Maintenance**

**During Use of Sleeper Berth for a Government-
Mandated Rest Period
(Subsection Expires September 1, 2009)**

LOCALLY ENFORCED IDLING RESTRICTIONS

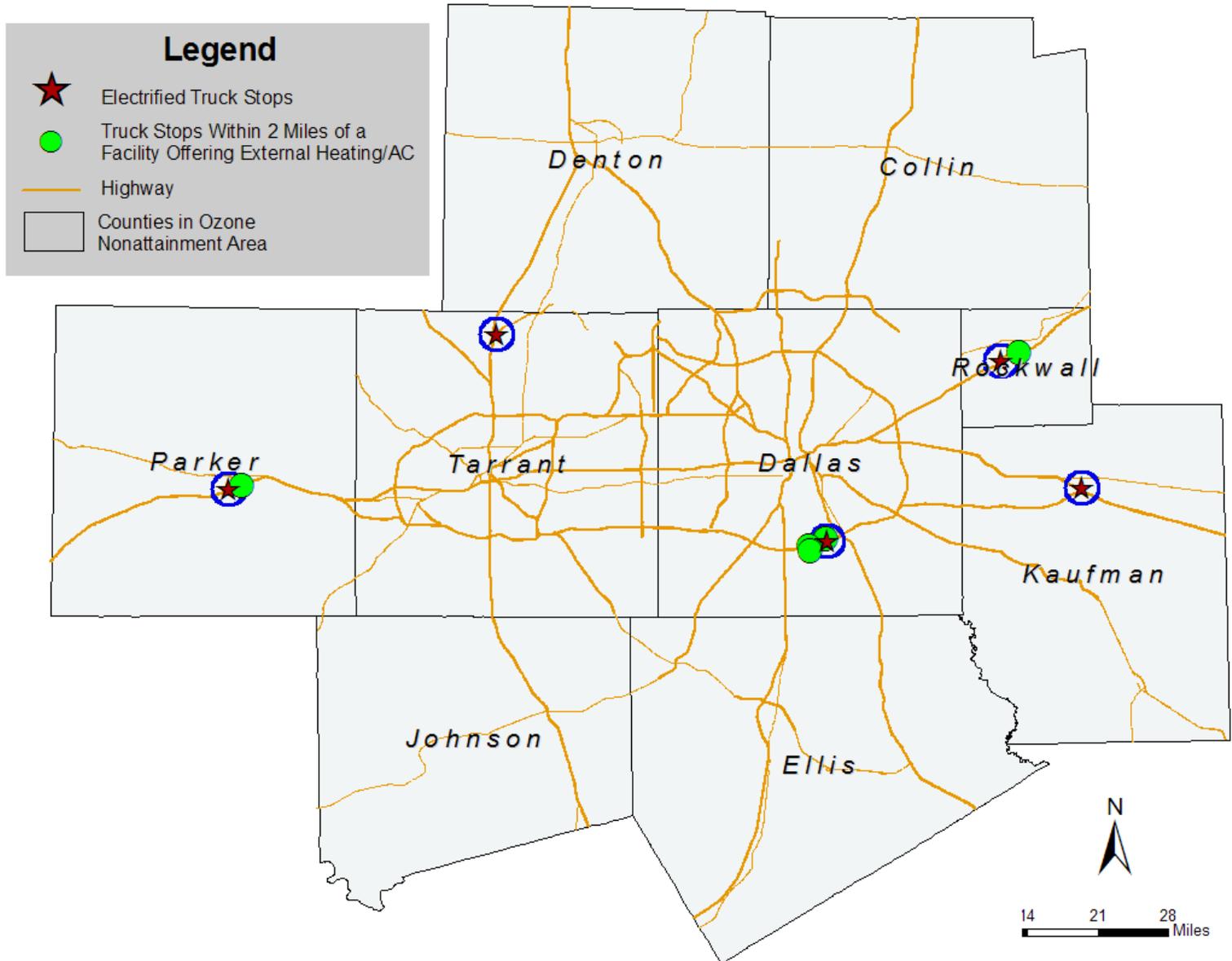
Idle Reduction Technology

On-Site Infrastructure



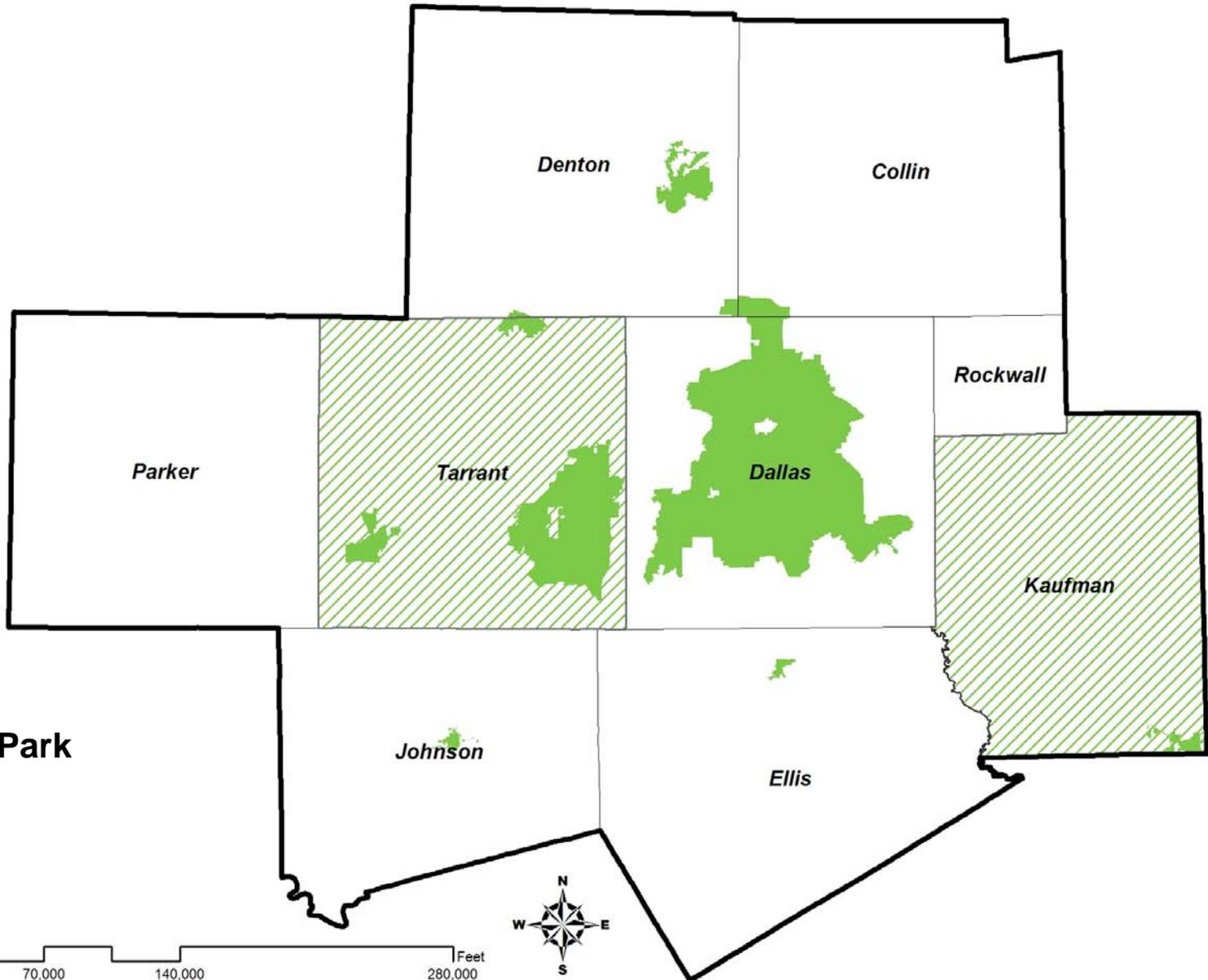
LOCALLY ENFORCED IDLING RESTRICTIONS

Truck Stop Electrification in North Central Texas



LOCALLY ENFORCED IDLING RESTRICTIONS

North Central Texas Area



Entities

- City of Arlington*
- City of Benbrook*
- City of Dallas
- City of Keene
- City of Mabank
- City of Pecan Hill*
- City of University Park
- Kaufman County
- Tarrant County
- Town of Little Elm
- Town of Westlake

* Not yet finalized

LOCALLY ENFORCED IDLING RESTRICTIONS

Available Resources

NCTCOG is Developing for Regional Use:



- Anti-Idling Signs
- Education Brochures
- Local Government Guide
- On-line Citation Reporting
- Training on Recommended Enforcement Procedures
- Complaint Hotline and Web site to Report Idling Vehicles

1-877-NTX-IDLE (689-4353)

www.EngineOffNorthTexas.org

LOCALLY ENFORCED IDLING RESTRICTIONS

Local Governments' Role

Stage 1: Initiation	<ul style="list-style-type: none">• Adopt TCEQ Idling Limitation Rule• Enter into North Texas Memorandum of Agreement (MOA) with TCEQ
Stage 2: Education	<ul style="list-style-type: none">• Order and Install Signs in Areas Traditionally Known for Excessive Idling• Promote Awareness of Idling Restrictions and Available Options
Stage 3: Enforcement	<ul style="list-style-type: none">• Identify Enforcement Personnel• Determine Procedures to Spot and Cite Violators• Log Citations for Reporting

LOCALLY ENFORCED IDLING RESTRICTIONS

Enforcement & Penalties

Enforcement:

Enforcement Personnel:

Constable's Office

Marshal's Office

Sheriff's Office

Local Police Department

Code Enforcement Personnel

Regional Emissions Enforcement Program

City of Dallas - 114 Citations Issued in 2008

Penalties:

Fine Not to Exceed \$500 Per Offense

Each Violation is Considered a Separate Offense

LOCALLY ENFORCED IDLING RESTRICTIONS

Funding Opportunities

NCTCOG's Diesel Idling Reduction Program

**On-Site and On-Board Idle Reduction Projects,
Call for Projects Open Until January 16, 2009**

www.nctcog.org/DIRP

Texas Emissions Reduction Plan (TERP)

On-Site and On-Board Idle Reduction Infrastructure

www.TERPGrants.org

SmartWay Transport Partnership

Innovative Financing for Fuel-Efficient Technologies

www.epa.gov/smartway/

LOCALLY ENFORCED IDLING RESTRICTIONS

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www.nctcog.org/IdlingRule