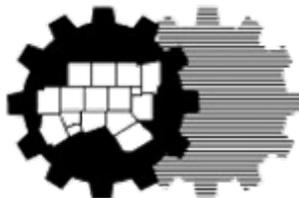


# **DRIVING CONCEPT INTO ACTION: A LOCAL PERSPECTIVE**

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**11<sup>th</sup> Annual Transportation Summit  
“EPA SmartWay Program: Smart Business”  
August 13, 2008**



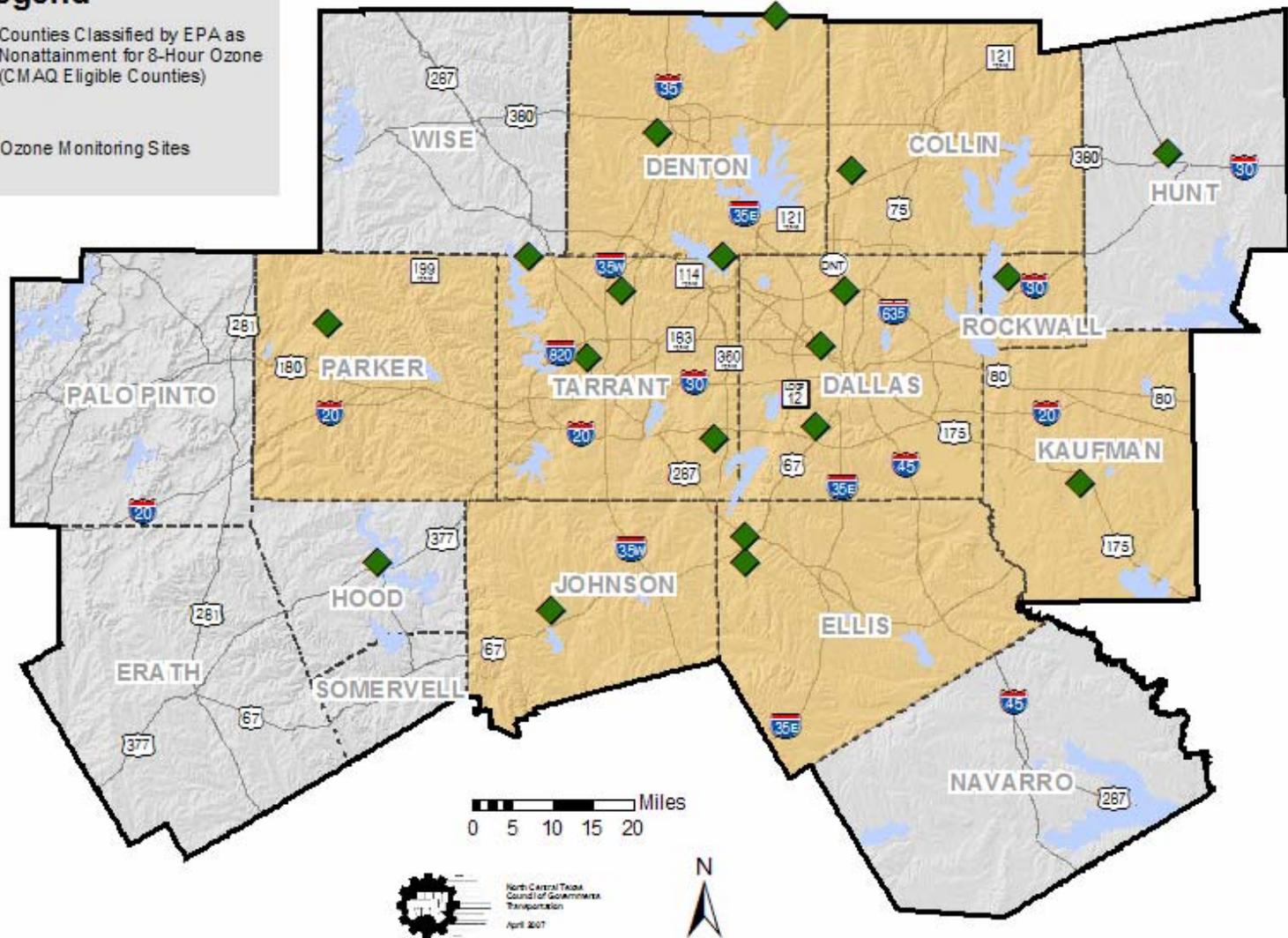
**Carrie Reese, Program Manager  
Air Quality Policy & Program Development  
Transportation Department  
North Central Texas Council of Governments**

# DFW NONATTAINMENT AREA

## 8-Hour Ozone Nonattainment Counties

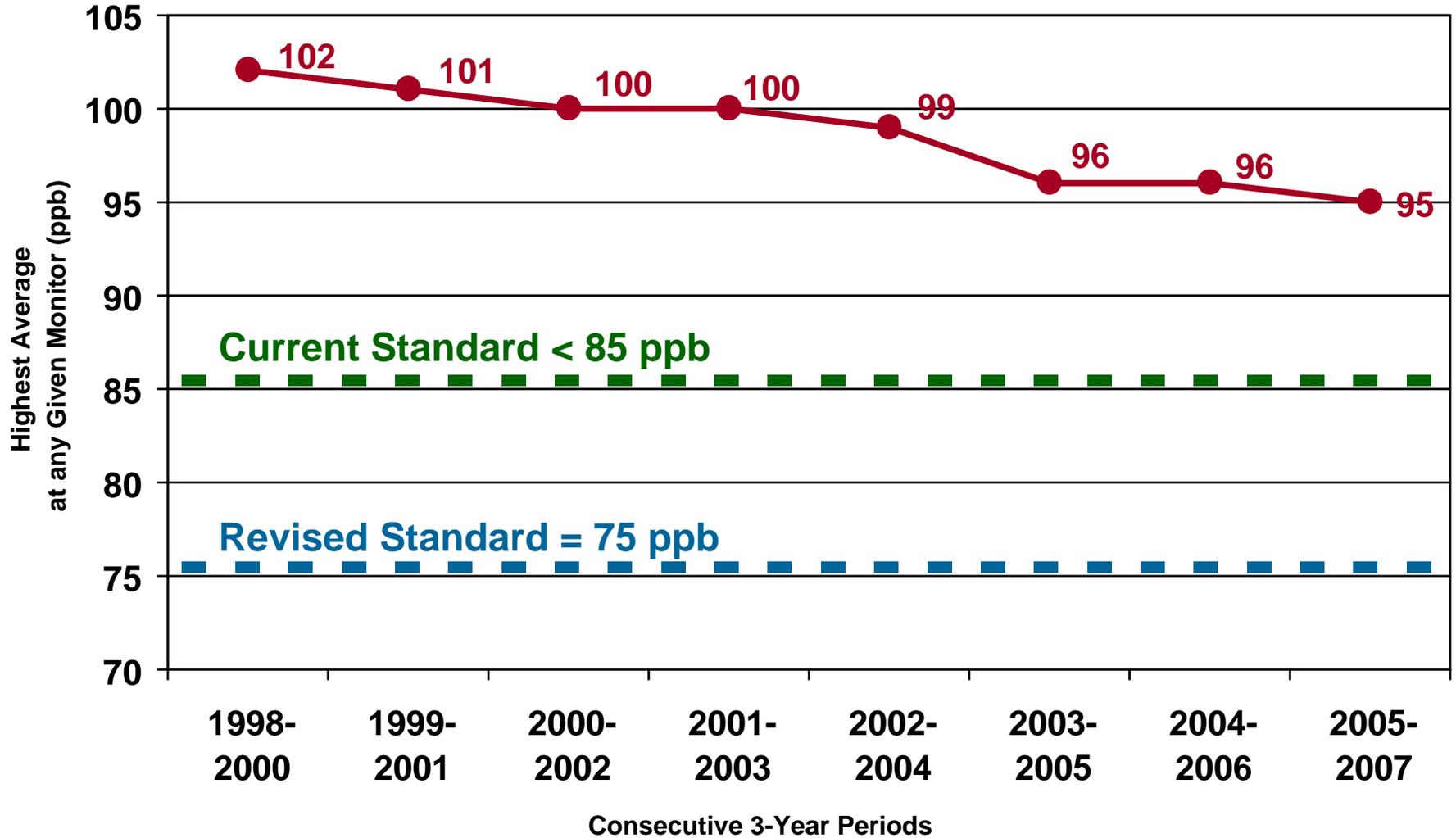
**Legend**

-  Counties Classified by EPA as Nonattainment for 8-Hour Ozone (CMAQ Eligible Counties)
-  Ozone Monitoring Sites



# OZONE HISTORICAL TRENDS\*

## DFW Nonattainment Area

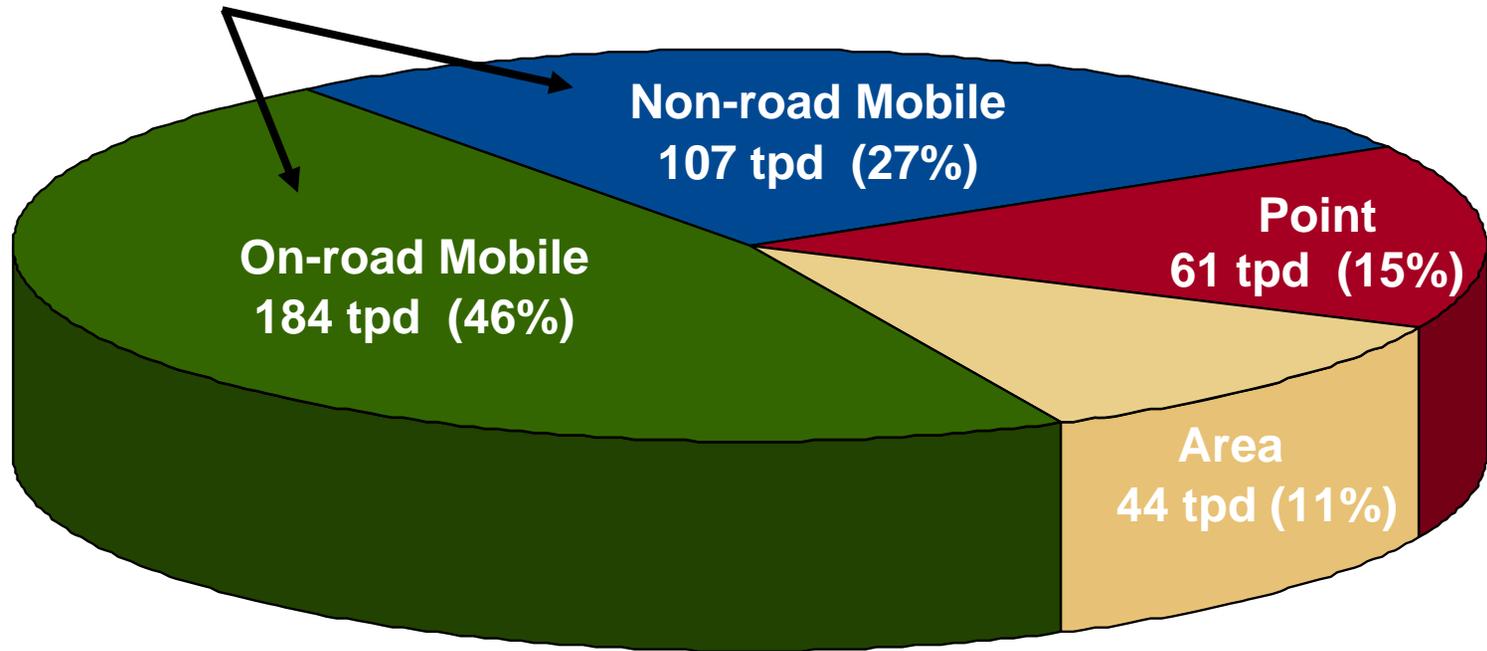


\* Current Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the three-year average of the annual fourth-highest daily maximum 8-hour average ozone concentration is less than 85 parts per billion (ppb).

# 2009 NO<sub>x</sub> EMISSIONS INVENTORY

## DFW Source Category Estimates

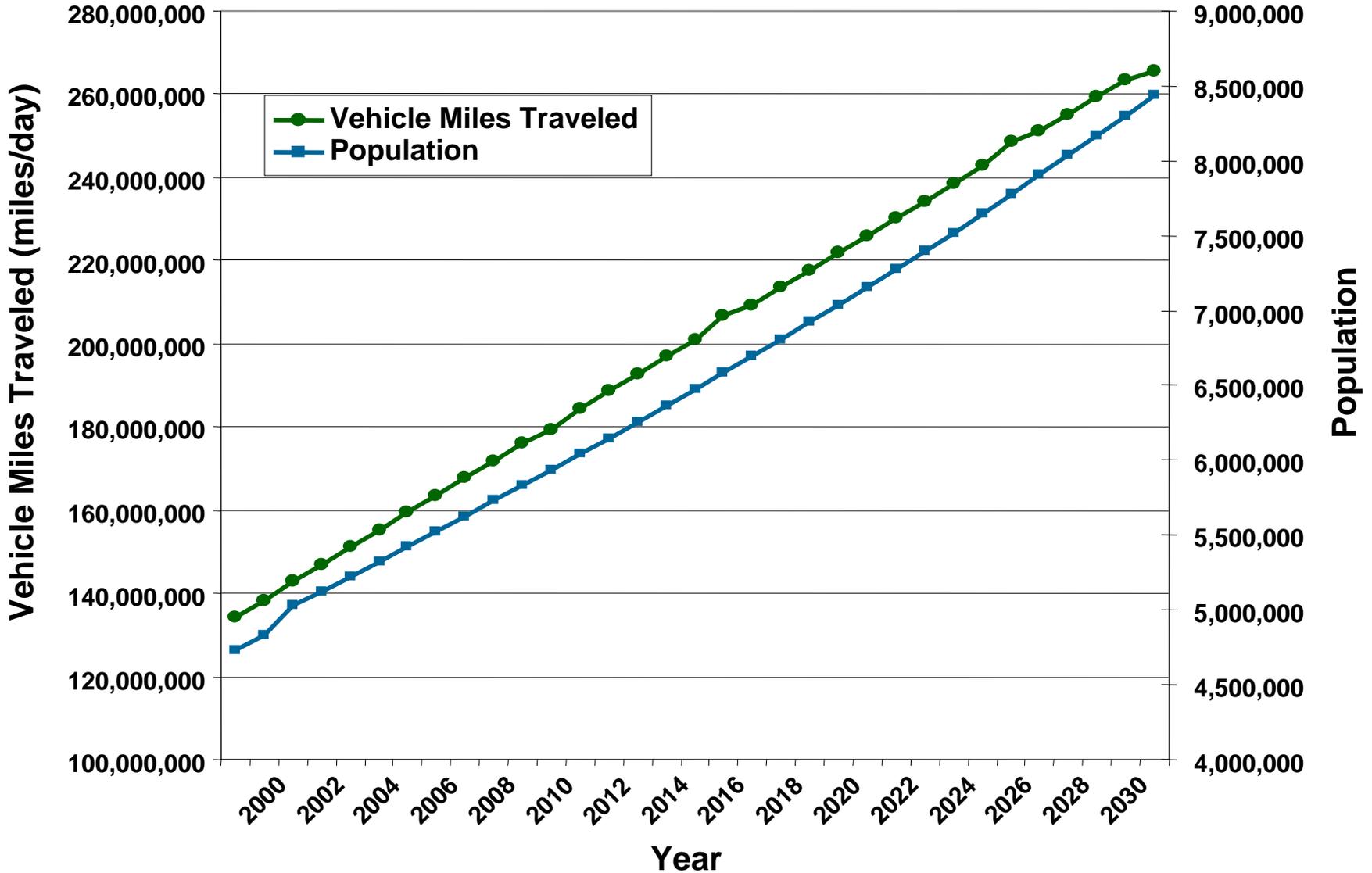
Total Mobile Sources  
73%



**Total Nitrogen Oxide (NO<sub>x</sub>) Emissions  
= 396 Tons Per Day (tpd)**

# REGIONAL GROWTH TRENDS

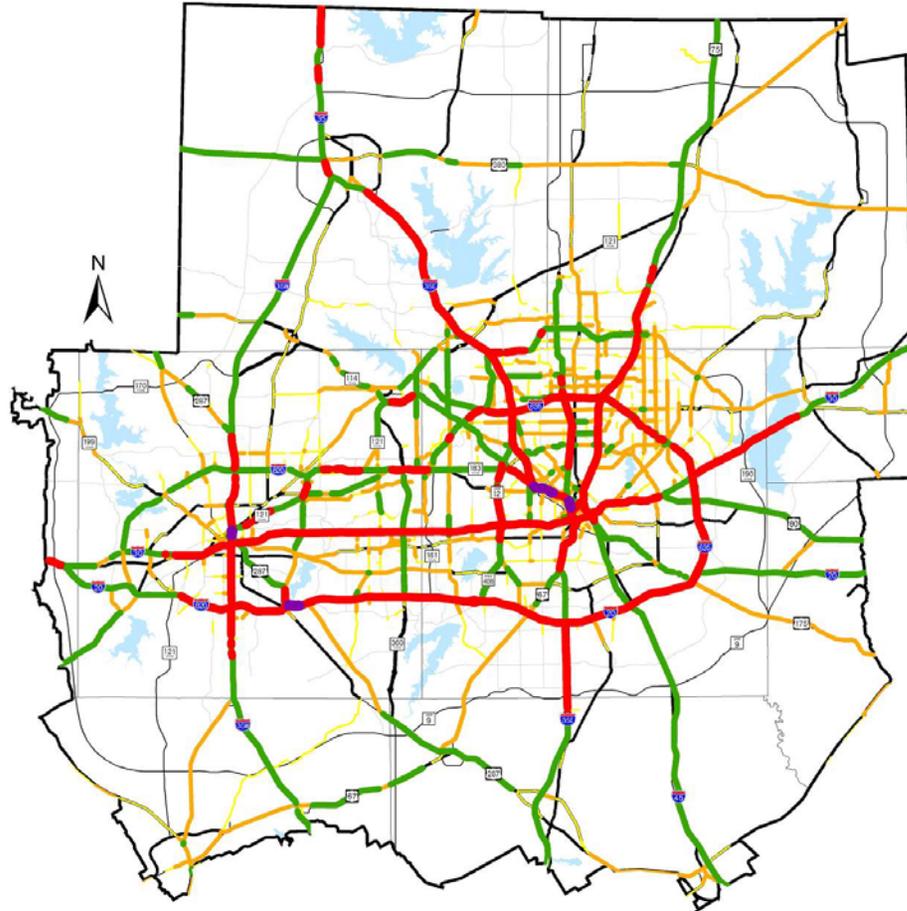
## DFW Nonattainment Area



# REGIONAL TRUCK VOLUMES

## DFW Nonattainment Area

### 2005 Truck Volumes



### 2030 Truck Volumes



# TRANSPORTATION & AIR QUALITY

## DFW Emissions Reduction Priorities

**Lower-Emissions Technology**



**Reduced Engine Idling**

**Reduced Fuel Consumption**



**Best Operational Practices**

**Reduced Vehicle Miles Traveled**

**Congestion Mitigation**

# SMARTWAY AFFILIATE ROLE

## “Talking the Talk”

Partnership Promotion

Education and Outreach

Partner Recruitment

Partner Recognition

Partner Support

Technical Assistance



SmartWay News

SmartWay Newsletter, Volume 1  
Inaugural Edition  
Summer 2007

Index  
In This Issue:

Welcome	Page 1
Funding	Page 2
News You Can Use	Page 2
Resources	Page 2
Vendor Corner	Page 3
Events	Page 3
Fleet Operator Tips	Page 3

Welcome

### The SmartWay<sup>SM</sup> Transport Partnership and the North Central Texas Council of Governments

The North Central Texas Council of Governments (NCTCOG) joined the SmartWay<sup>SM</sup> Transport Partnership as an Affiliate in October 2006. Currently, North Texas exceeds ozone standards set by the U.S. Environmental Protection Agency (EPA). The region must reduce these levels in order to ensure the health and well-being of its citizens and reduce the risk of economic sanctions. Participation in the SmartWay Transport Partnership is one voluntary measure that NCTCOG is taking to help improve the region's air quality and reach acceptable levels of ozone. As an affiliate, NCTCOG will promote EPA programs in the region and will strive to provide education and resources to interested parties.

SmartWay seeks to reduce emissions.



SmartWay seeks to reduce emissions.

that seeks to increase fuel efficiency and reduce operating costs among freight carriers. It promotes best practices in operations as well as the use of advanced technologies that can increase fuel efficiency and/or reduce emissions.

#### About NCTCOG

NCTCOG is a voluntary association of local governments established in 1966 to assist local governments in planning for common needs, cooperating for mutual benefit, and coordinating for sound regional development. Since 1974, NCTCOG has served as the Metropolitan Planning Organization (MPO) for transportation in the Dallas-Fort Worth Metropolitan area. The Regional Transportation Council (RTC) is the policy body for the MPO and oversees regional transportation planning. Due to the significant role transportation emissions play in ground-level ozone formation, NCTCOG is also responsible for implementing a variety of air quality programs.

#### About SmartWay

The SmartWay Transport Partnership, established by the EPA in 2003, is a voluntary, public-private partnership

www.nctcog.org/smartway

# **REGIONAL PROGRAMS**

## **“Walking the Walk”**

### **Clean Vehicle Program**

**Clean Vehicle Project Funding**

**Clean Fleet Vehicle Policies**

**Clean Cities Technical Coalition**

### **Diesel Idle Reduction Program**

**Regional Idling Restrictions**

**Idle Reduction Infrastructure Planning**

**Idle Reduction Project Funding**

### **Goods Movement Program**

**Freight-Oriented Developments**

**Intermodal Planning**

# **EPA SMARTWAY PROGRAM**

**Smart Business for Everyone**

**Reduce Operating Costs**

**Enhance Public Image**

**Improve Environmental Quality**

**Protect Public Health**

**Increase Partnership Opportunities**

**Utilize Voluntary Strategies**

**Ensure Economic Vitality**

# **CONTACT INFORMATION**

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