



THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS' HIGH EMITTING VEHICLE PROGRAM

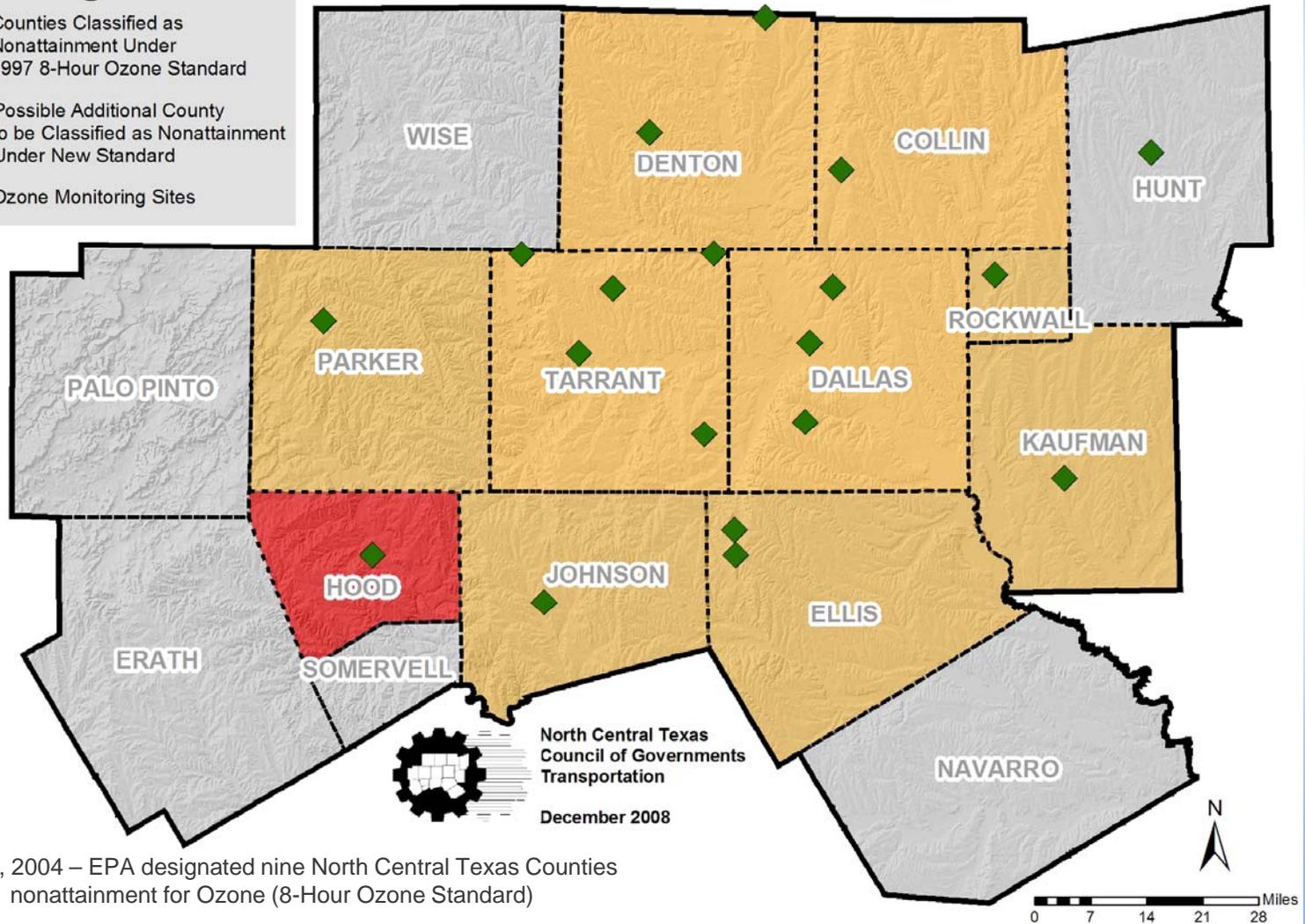
**2009 Transportation/Land Use Planning and
Air Quality Conference
Denver, Colorado**

**Jody Purvis
July 28, 2009**

DFW NONATTAINMENT AREA

Legend

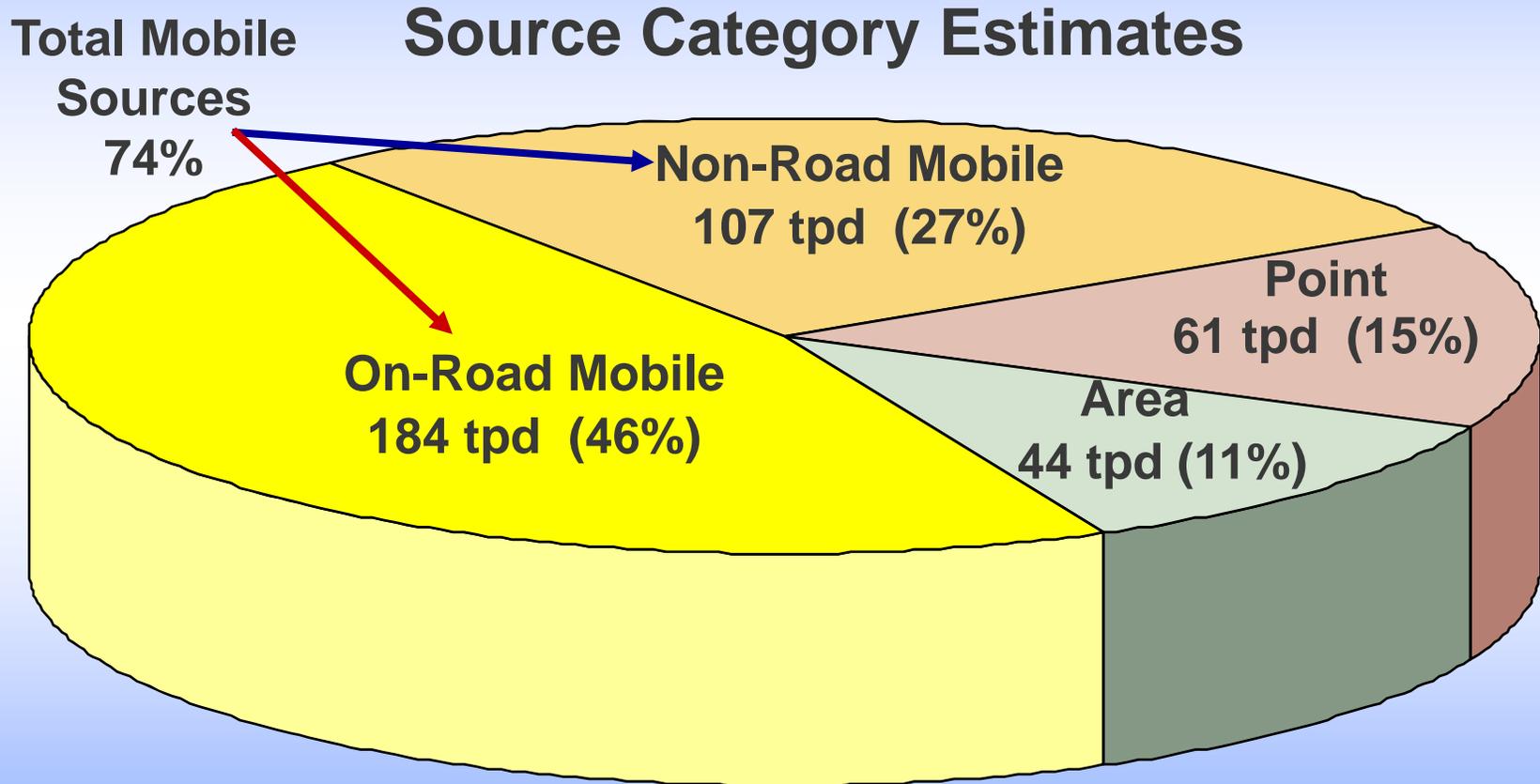
-  Counties Classified as Nonattainment Under 1997 8-Hour Ozone Standard
-  Possible Additional County to be Classified as Nonattainment Under New Standard
-  Ozone Monitoring Sites



April 15, 2004 – EPA designated nine North Central Texas Counties nonattainment for Ozone (8-Hour Ozone Standard)

DFW NONATTAINMENT AREA

2009 Nitrogen Oxide (NOx) Emission Inventory



Total NOx = 396 Tons Per Day





NCTCOG'S EMISSIONS ENFORCEMENT PROGRAMS

- **Regional Emissions Enforcement Program**
- **Regional Smoking Vehicle Program**
- **Enhanced Remote Sensing Performance Based Pilot Program**



REGIONAL EMISSIONS ENFORCEMENT PROGRAM

Goals

- **Reduce the Number of Fictitious, Counterfeit and Fraudulent Inspection Certificates**
- **Increase Enforcement Efforts**
- **Conduct Covert Operations**
- **Provide Law Enforcement Officer Training**
- **Encourage Collaboration between Nonattainment Counties**



REGIONAL EMISSIONS ENFORCEMENT PROGRAM

Regional Emissions Enforcement Database

- **Smoking Vehicle Citations**
- **Anti-Idling Citations**
- **Truck Lane Restriction Citations**
- **Retired AirCheckTexas Vehicles**
- **Emissions Enforcement Citations Issued**
- **Alerts for Stolen, Lost and a Top Ten List of Most Frequently Counterfeited Inspection Certificates**



DALLAS COUNTY REGIONAL EMISSIONS ENFORCEMENT PROGRAM

- **2004 – Pilot Program Established**
- **2008 – Program Fully Funded and Staffed**
- **Three Components:**
 - **On-road Enforcement**
 - **Covert Operations**
 - **Dallas County Clean Air Emissions Advisory Board**



DALLAS COUNTY REGIONAL EMISSIONS ENFORCEMENT PROGRAM

2008 State Inspection Activity for Dallas County

- **1,818,509 – Total Inspections Conducted**
- **91,505 – Total Improper Inspections**
- **5.63% of all State Inspection Certificates Issued in Dallas County were Improperly Issued**



DALLAS COUNTY REGIONAL EMISSIONS ENFORCEMENT PROGRAM

- **October 2008 – July 2009**
 - **129 Second Degree Felony Cases Filed**
 - **23 Analyzers Impounded**
 - **Utilizing NED Resulted in a 330% Increase in the Number of On Road Emissions Citations Issued**
- **Collaboration with Attorney General's Office**



ELLIS COUNTY EMISSIONS ENFORCEMENT PROGRAM

- **July 2008 – Program Launched**
 - **One Full-Time Constable Dedicated to Emissions Enforcement**
- **July 2008 – May 2009**
 - **3 Second-Degree Felony Cases Filed**
 - **138 On-Road Emissions Citations Issued**
 - **19 Vehicles Impounded**

ELLIS COUNTY EMISSIONS ENFORCEMENT PROGRAM

Expired State Certificate Windshield Flyer



COURTESY PUBLIC SERVICE NOTICE

Your
County
Logo
Here

ATTENTION

**Your vehicle inspection and/or
registration sticker is expired!**

Half the air pollution in North Texas comes from just 10 percent of vehicles on the road.
Do your part to improve air quality in North Texas.

Renew your expired State Certificate(s) immediately.

You may be eligible for up to \$600 to repair or \$3,500 to replace your vehicle!
Call 800-898-9103 or visit www.nctcog.org/airchecktexas.org for details.



DALLAS COUNTY CONSTABLES EMISSIONS ENFORCEMENT PILOT PROGRAM

2008 Sue Pope North Texas Pollution Program Grant

- **Prevent Impounded/Abandoned Vehicles with Emissions and/or Registration History Problems from Returning to our Roadways**
 - **Repair Vehicles**
 - **Retire Vehicles**



DALLAS COUNTY CONSTABLES EMISSIONS ENFORCEMENT PILOT PROGRAM

2008 Sue Pope North Texas Pollution Program Grant

- **563 Vehicles Identified with Emissions and/or Registration History Problems**
 - **380 Vehicles Issued Retirement Assistance**
 - **337 Vehicles Sold to Auto Crushing Companies for Crushing and/or Recycling**
 - **4 Vehicles Shipped to Mexico**



DALLAS COUNTY CONSTABLES EMISSIONS ENFORCEMENT PILOT PROGRAM

2008 Sue Pope North Texas Pollution Program Grant (cont.)

- **43 Vehicles Issued Retirement Assistance, but Sold to Individuals or Companies not Wishing to Crush Them**
- **183 Vehicles not Issued any Retirement Assistance because Staff, After Visual Inspection, Determined the Vehicles Would be Purchased by Auto Crushing Companies for their Scrap Value**



DALLAS COUNTY CONSTABLES EMISSIONS ENFORCEMENT PILOT PROGRAM

Years Retired	NOx Benefit Tons Per Year	VOC Benefit Tons Per Year
First	7.425	6.683
Second	6.683	6.014
Third	6.014	5.413
Fourth	5.413	4.872
Fifth	4.872	4.384
Total	30.409	27.368

REGIONAL SMOKING VEHICLE PROGRAM (RSVP)

- **Three Ways to Report a Smoking Vehicle:**
Wireless Users, Call #SMOKE (#76653);
Land Line Users, Call 817-704-2522;
Internet Users, Visit www.smokingvehicle.net
- **Reported Vehicles Incorporated into Regional Emissions Enforcement Database to Assist with Enforcement of Smoking Vehicle Statute**
- **Texas Transportation Code § 547.605**



ENHANCED REMOTE SENSING PERFORMANCE BASED PILOT PROGRAM

Goals

- Improve Air Quality in North Central Texas
- Identify a Greater Number of Valid Smoking Gas and Diesel Vehicles
- Identify a Greater Number of High Emitting Gas and Diesel Vehicles





ENHANCED REMOTE SENSING PERFORMANCE BASED PILOT PROGRAM

Goals (cont.)

- **Provide Additional Information to all Identified Vehicle Owners**
- **Provide Insight into High Emitting Diesel Vehicles**
- **Provide Data to Support Legislative Initiatives**
- **Educate the Public at Various Outreach Events**



ENHANCED REMOTE SENSING PERFORMANCE BASED PILOT PROGRAM

Performance Measures

- **Increase Percentage of Owners Getting Vehicle Checked for Compliance**
- **Monitor Vehicles for Progress Made Toward Emissions Reduction**
- **Decrease Number of Notification Letters Sent Back “Return to Sender”**

CITIZENS ASSISTANCE PROGRAM

AirCheckTexas Drive a Clean Machine Program

- Texas Commission on Environmental Quality (TCEQ) Funds \$22,000,000 Annually for North Texas
- \$6 from Emissions Test Fee from 1996 and Newer Vehicles
- Helps Low/Middle Income Residents Repair or Replace Vehicles that do not Pass Emissions Inspection Within the Last 30 Days or Replace Vehicles 10 Years Old or Older
- Targets the Highest Polluting Vehicles and Allows Citizens to Contribute to the Regional Air Quality Solution
- Up to \$600 for Repair or \$3,500 for Replacement





QUESTIONS?

Jody Purvis

Air Quality Operations Coordinator

817-704-5609

jpurvis@nctcog.org