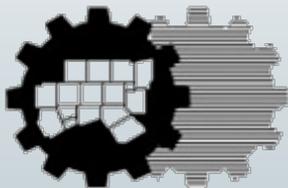


AIRCHECKTEXAS DRIVE A CLEAN MACHINE PROGRAM AND LOCAL INITIATIVE PROJECTS STATUS REPORT

Collin County Commissioners Court
April 5, 2010



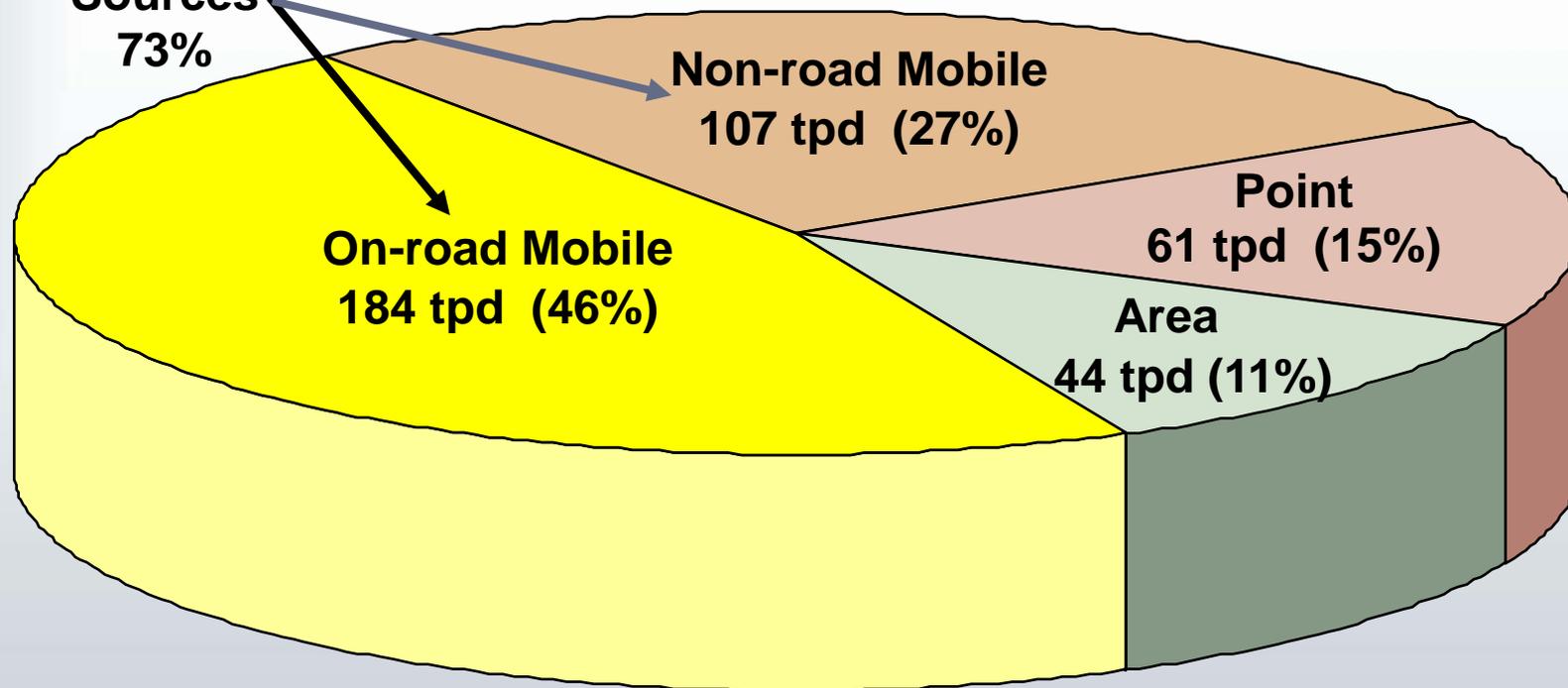
Chris Klaus and Shannon Stevenson
North Central Texas Council of Governments

DFW NONATTAINMENT AREA

2009 Nitrogen Oxide (NOx) Emission Inventory

Source Category Estimates

Total Mobile Sources
73%

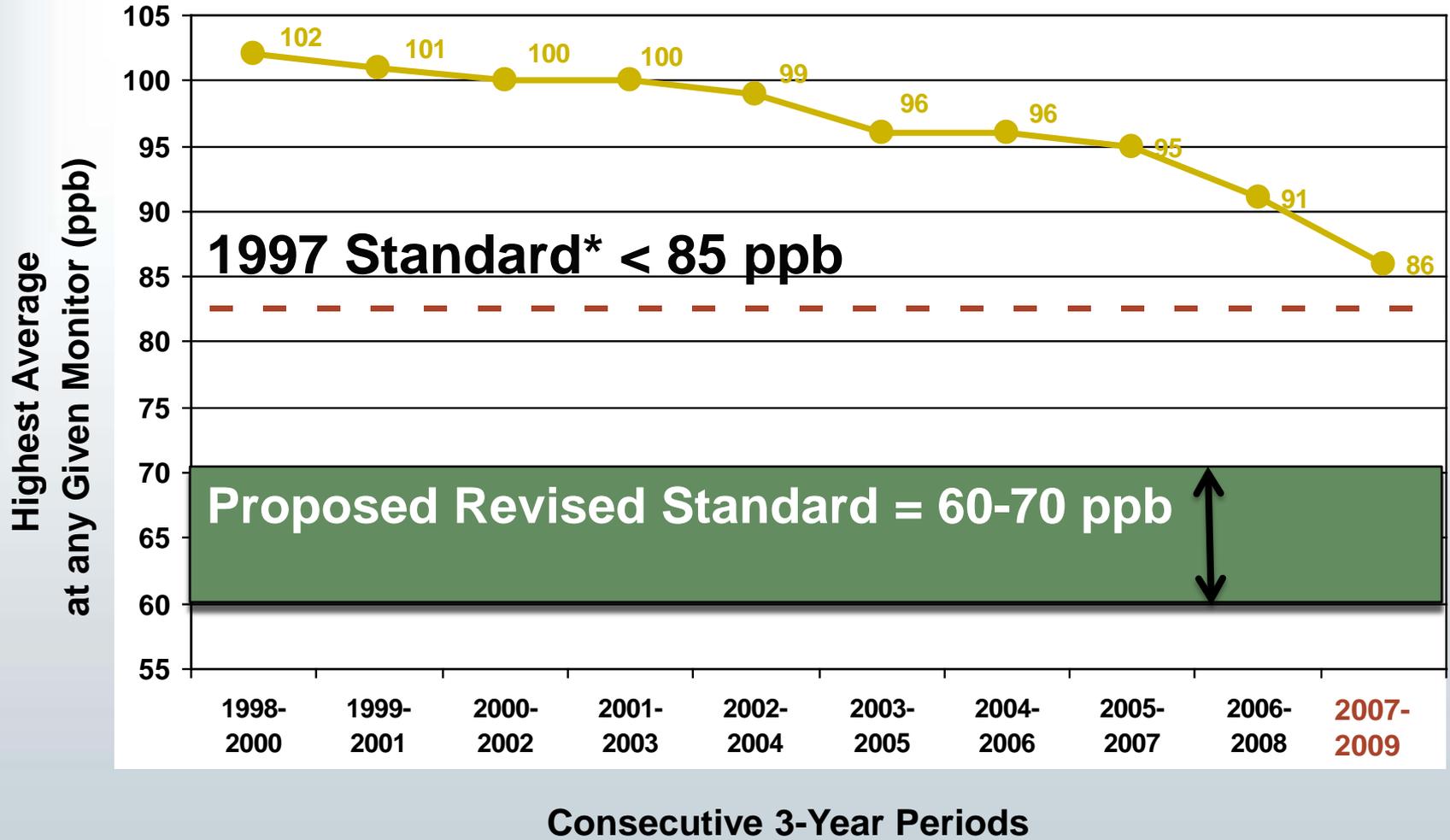


Total NOx = 396 Tons Per Day



DFW NONATTAINMENT AREA

8-Hour Ozone Historical Trend



* 2010 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).

DFW NONATTAINMENT AREA

State Implementation Plan Commitments

State & Local Programs

Energy Efficiency Programs

Texas Emissions Reduction Plan

Vehicle Repair And Replacement

Clean School Bus Program

Emissions Enforcement Programs

Stationary Diesel/Dual Fuel Engines

Locomotive And Marine Compression Engines

Coatings/Consumer Products VOC Reductions



AIRCHECKTEXAS STATUS

Drive a Clean Machine Program

**Fiscal Year 2010: 1st Quarter: Increased Participation from
Fiscal Year 2009 1st Quarter**

Number of Repairs Increased by 29%

Number of Replacements Increased by 117%

Fiscal Year 2009: North Central Texas Results

Total Number of Vehicles Retired – 6,766

Total Number of Vehicles Repaired – 2,874

Fiscal Year 2009: Collin County Results

Total Number of Vehicles Retired – 611

Total Number of Vehicles Repaired – 206

Program Recognition

**Received J.P. Morgan State of Texas Payment Solutions
2009 Innovation Award**



AIRCHECKTEXAS STATUS

Available Funding by Fiscal Year (FY)

County	FY 2010	Estimated FY 2011
Collin	\$2,662,915.97	\$2,662,915.97
Dallas	\$9,386,636.29	\$9,386,636.29
Denton	\$1,959,123.26	\$1,959,123.26
Ellis	\$442,442.00	\$442,442.00
Johnson	\$442,768.42	\$442,768.42
Kaufman	\$285,887.92	\$285,887.92
Parker	\$347,015.98	\$347,015.98
Rockwall	\$261,430.33	\$261,430.33
Tarrant	\$6,658,165.69	\$6,658,165.69
TOTAL	\$22,446,385.85	\$22,446,385.85



PROGRAM COMPARISON

Objectives

AirCheckTexas Drive a Clean Machine Program

Reduce Vehicle Emissions

Improve Air Quality

Consumer Allowance Rebate System (CARS)

Increase Fuel Economy

Stimulate Economic Growth



PROGRAM BENEFITS

North Central Texas Results for Fiscal Year 2009

Emissions Reductions

Program	Nitrogen Oxide	Carbon Dioxide
AirCheckTexas	0.34 tons/day	53.11 tons/day
CARS	0.62 tons/day	91.71 tons/day

Improved Gas Mileage

Program	Retired Vehicle Gas Mileage	Replacement Vehicle Gas Mileage
AirCheckTexas	16 mpg	25 mpg
CARS	16 mpg	25 mpg



LOCAL INITIATIVE PROJECTS

Project Categories

Projects Requiring 80-20 Match

Remote Sensing Programs

Emissions Enforcement Program

Projects Requiring 50-50 Match

Expanded AirCheckTexas Drive a Clean Machine Program

Regional Smoking Vehicle Program

Enhanced Transportation System Improvements

Example: Traffic Signal Timing

Other New Air Control Strategies

Available Funding for Collin County

~\$280,000 each fiscal year



EMISSIONS ENFORCEMENT

**Reduce Number of Fictitious/Counterfeit Inspections by:
Increased On-Road Enforcement Utilizing NCTCOG's
Emissions Database (NED)**

**Covert Operations on State Vehicle Emissions Inspection
Stations and Inspectors**

**Prosecution of Offenders for Counterfeit Inspection
Certificates**

Train Local Law Enforcement Officers

Encourage Collaboration Between Counties

Enforce Smoking Vehicle Statute

Other Possibilities

Support Anti-Idling Restrictions

Support Truck Lane Restrictions



COLLIN COUNTY AGENCIES

Participating in On-Road Emissions Enforcement

Sheriff's Department

Precinct 4 Constable

City of Plano

City of Celina

City of Frisco



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