ON-ROAD MOBILE EMISSIONS ENFORCEMENT PROGRAM

North Texas Commission

September 11, 2012

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Air Quality Planning and Operations

DALLAS/FORT WORTH AREA

2,048 State Emissions Inspection Stations

Approximately 4.4 Million Registered Light-Duty Vehicles

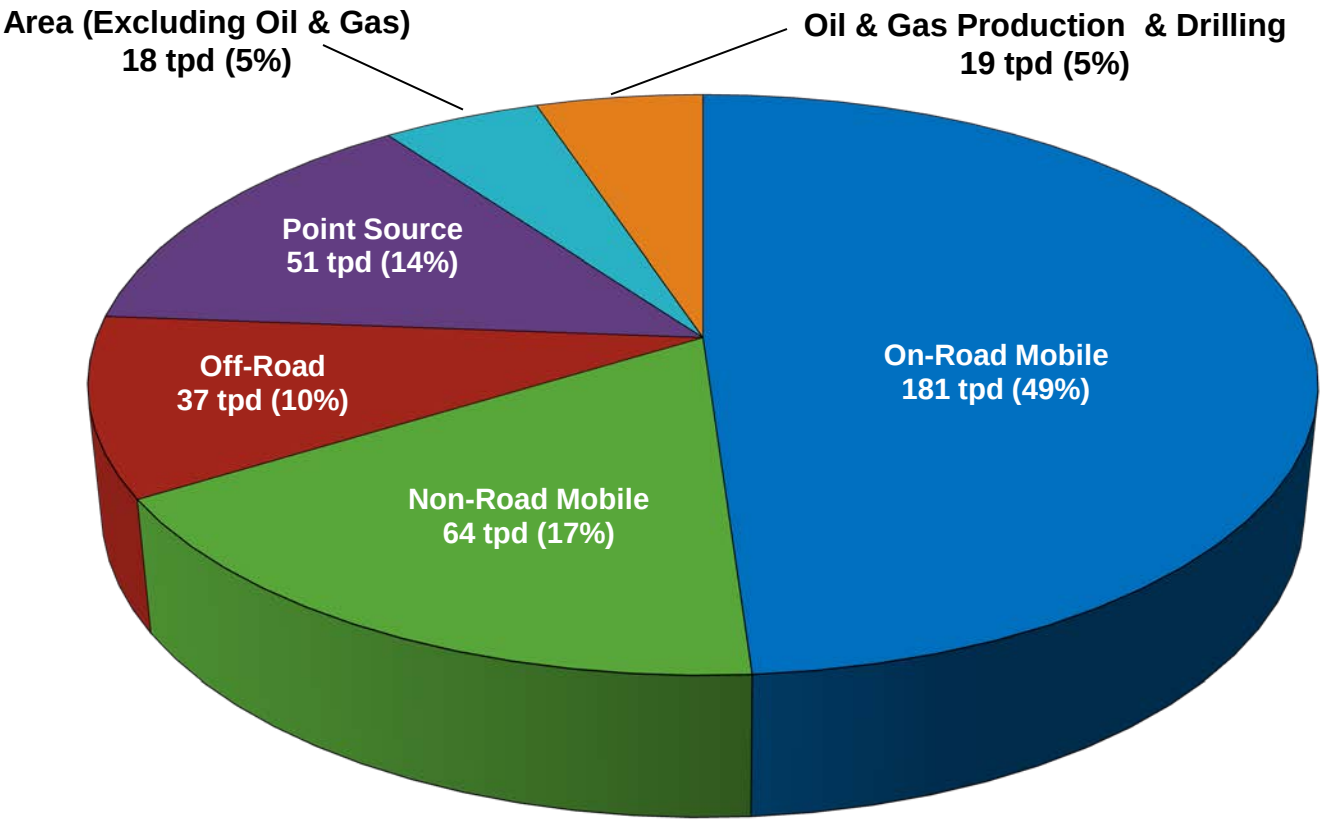
Approximately 3.9 Million Emissions Inspections Performed Annually, With a 5.3% Emissions Failure Rate

Up to 20% of Inspection Certificates are Estimated to be Counterfeit, Fictitious, Fraudulent, or Improperly Issued*

***Based on Data from the Texas Department of Insurance (TDI) on Number of Uninsured Motorists in Texas, ***

DALLAS/FORT WORTH AREA

2012 NO_X Emission Inventories by Source



Source: Texas Commission on Environmental Quality (TCEQ) 2012 NO_X = Nitrogen Oxides

PROBLEMS IDENTIFIED

Clean Scans

Using a Known Good Vehicle In Place of One That Won't Pass

Engine Control Unit (ECU) Simulators

Hook Up Analyzer to Simulate Being Connected to a Vehicle

Counterfeit/Fictitious Stickers

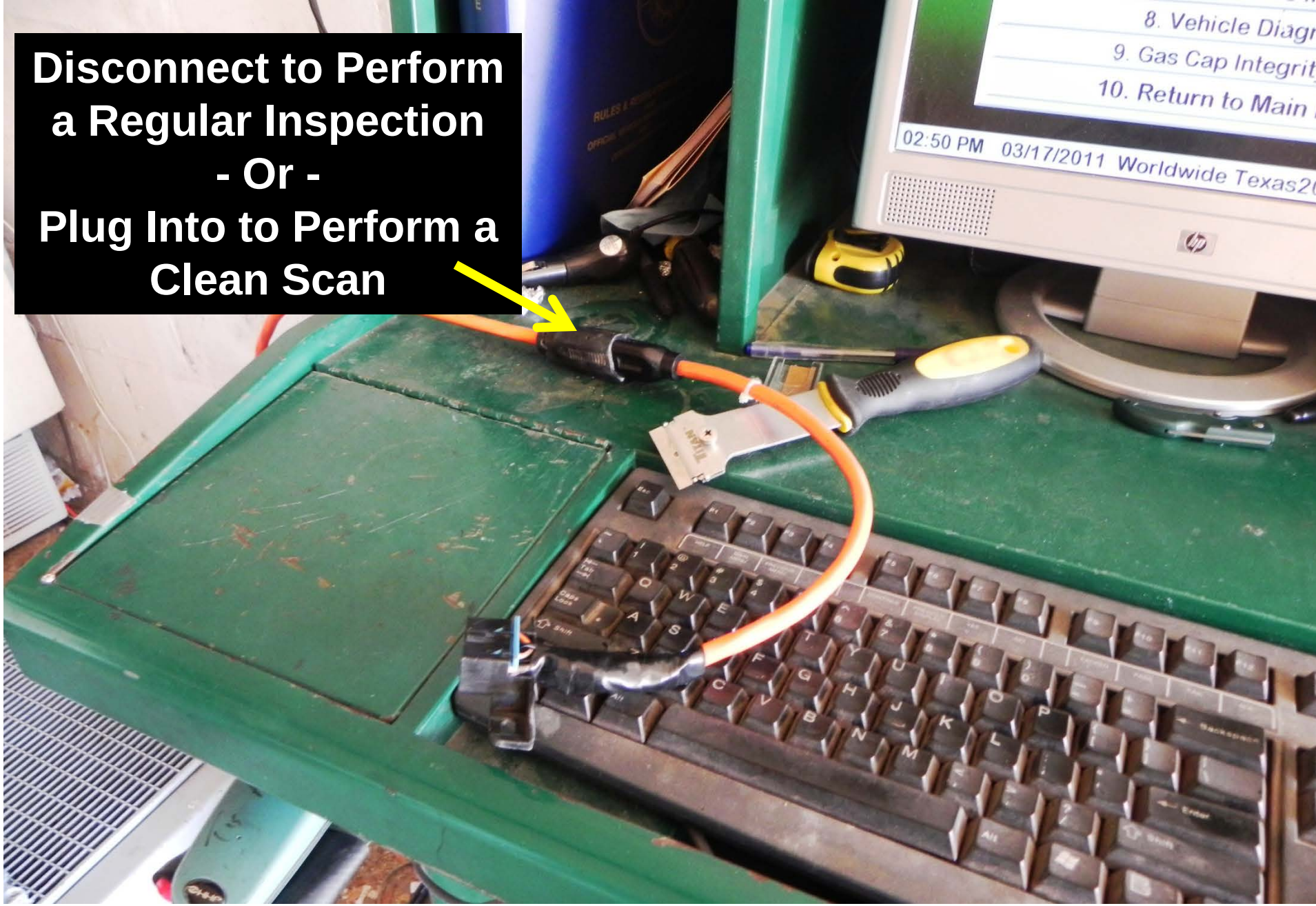
Multi-Million Dollar Problem

Wrong Test Type Used

Circumvent Part of the Emissions Test

Inspector Integrity Lacking

Sun Visor Inspections



Source: Dallas Clean Air Task Force

Multiple Analyzer Leads Wired Together; Cables Run Underground

Clean Scan Vehicle Located Two Blocks Away and Wired to Analyzer Through Trunk

REGIONAL EMISSIONS ENFORCEMENT PROGRAM

Collaborative Program Developed by the North Central Texas Council of Governments (NCTCOG) to:

1) **Enhance State's Inspection and Maintenance (I/M) Program**

2) **Target High-Emitting Vehicles to Reduce Emissions and Improve Air Quality**

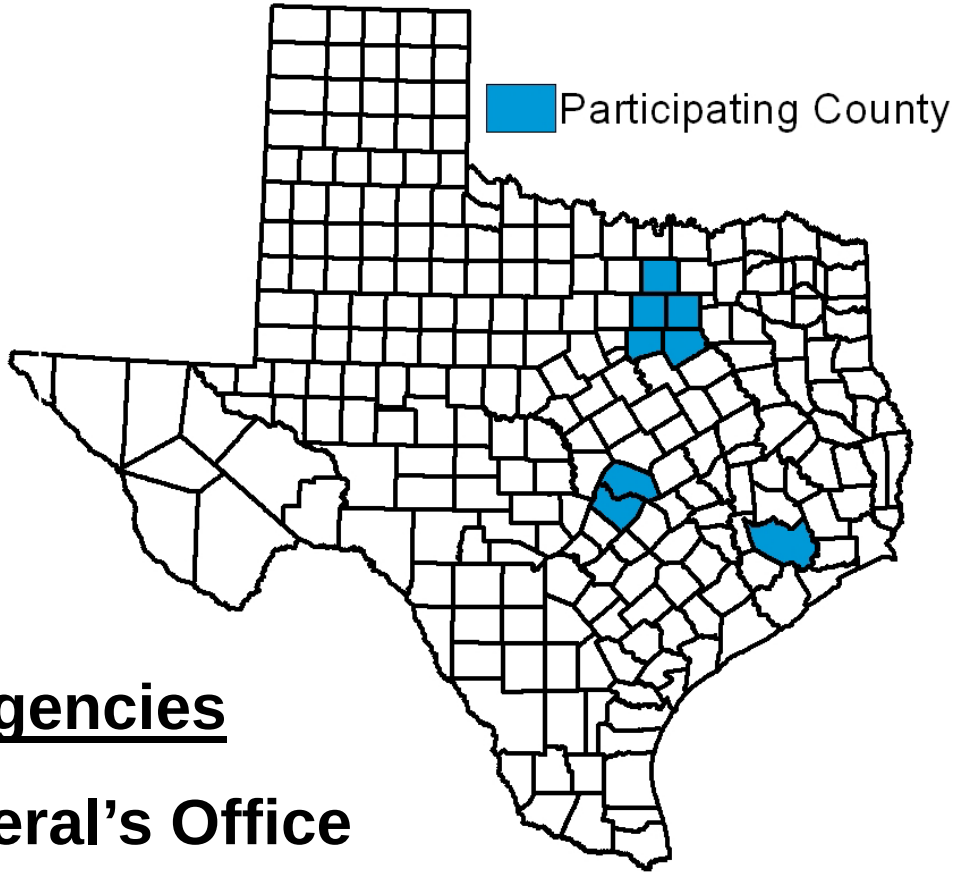
REGIONAL EMISSIONS ENFORCEMENT PROGRAM

Reduce Number of Fictitious/Counterfeit Inspection Certificates by:

- ✓ **Performing Everyday On-Road Enforcement Utilizing NCTCOG's Emissions Database (NED)**
- ✓ **Conducting Covert Operations on State Vehicle Emissions Inspection Stations to Identify Inspectors Performing Improper Inspections**
- ✓ **Prosecuting Offenders for Counterfeit Inspection Certificates**
- ✓ **Train Local Law Enforcement Officers**
- ✓ **Enforce Smoking Vehicle Statute**
- ✓ **Support Anti-Idling Restrictions**
- ✓ **Enforce Truck Lane Restrictions**
- ✓ **Encourage Collaboration Between Counties to Increase Enforcement Efforts**

Regional Emissions Enforcement Program

PROGRAM PARTNERS



Counties

Dallas	Denton
Ellis	Harris
Johnson	Tarrant
Travis	Williamson

Other Agencies

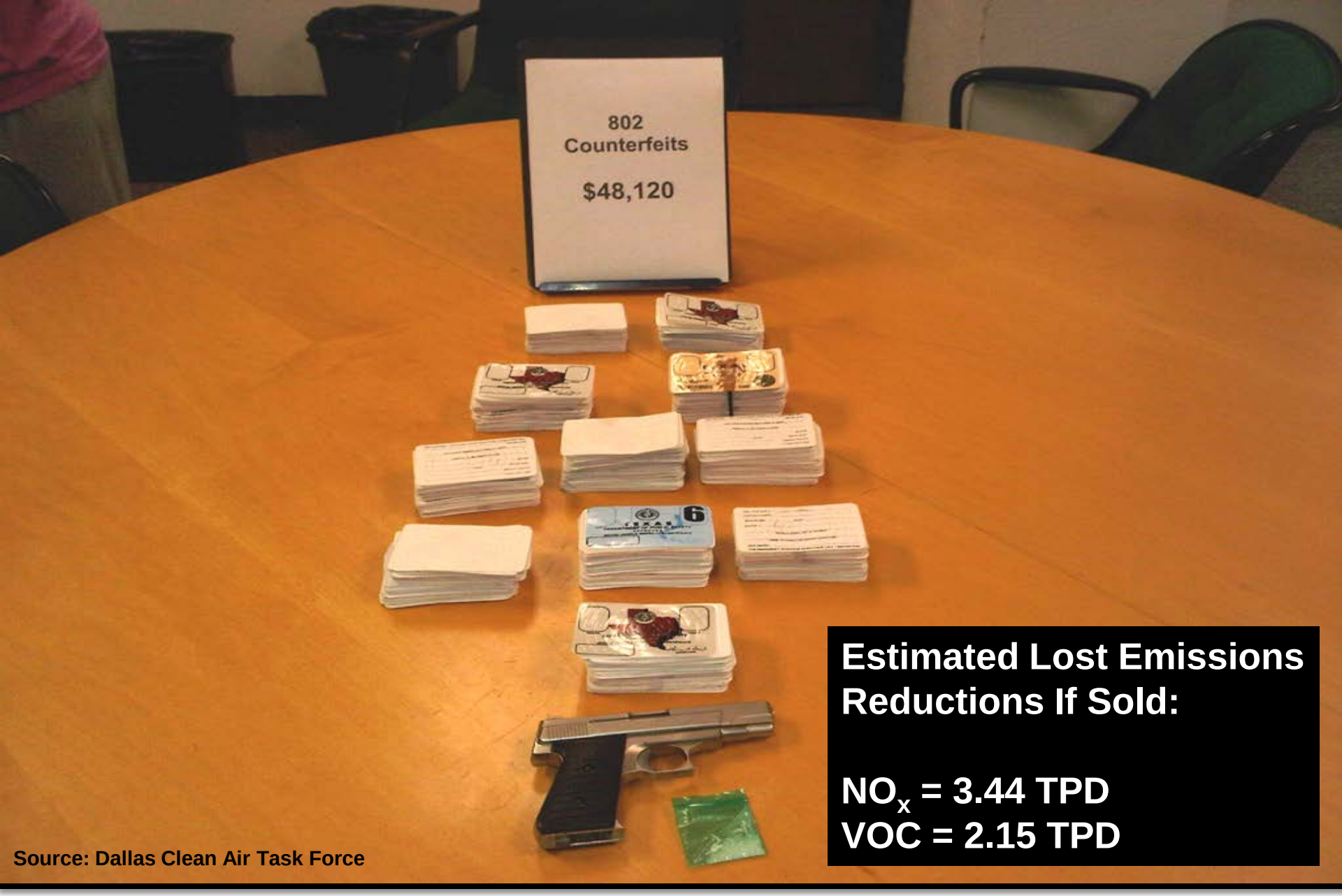
Texas Attorney General's Office

Environmental Protection Agency

Texas Commission on Environmental Quality

Texas Department of Public Safety

Texas Department of Motor Vehicles



Estimated Lost Emissions Reductions If Sold:

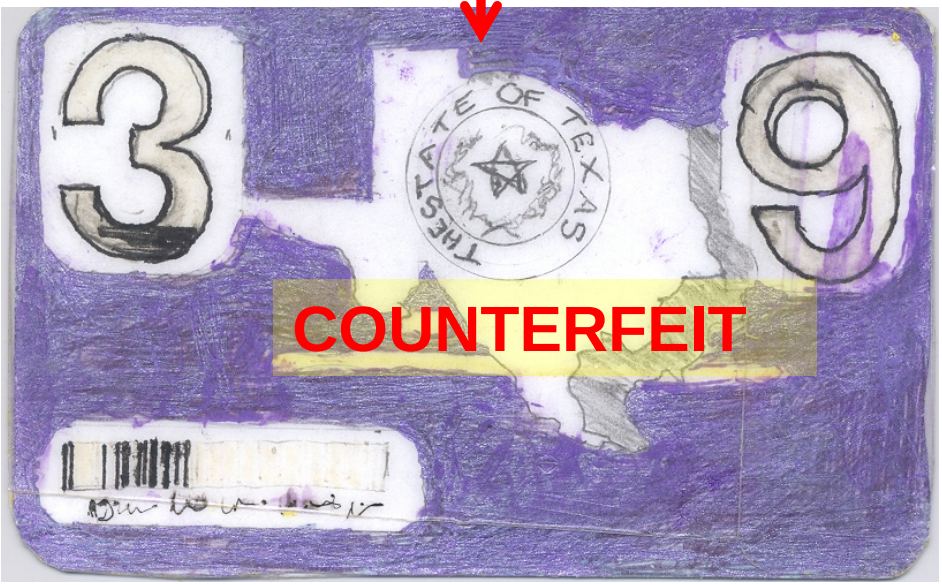
NO_x = 3.44 TPD
VOC = 2.15 TPD

Source: Dallas Clean Air Task Force

NO_X = Nitrogen Oxides; VOC= Volatile Organic Compounds; TPD = Tons Per Day

SPOT THE FAKE

Hand Drawn and Laminated



SPOT THE FAKE

Incorrect Font

Incorrect Color Green

Alpha Character and Number Should Be Same Size

SPOT THE FAKE

Faded Colors

Saddle Straps Crossed

Incorrect Alpha Character

Valid, But Stolen From Another Vehicle

HOW CAN BUSINESSES HELP?

Aid/Support Legislative Action

Restore Full Funding for Local Initiative Projects (LIP)

Mandate Computer Hardware and Software Upgrades for Inspection Program Analyzers to Cut Down on Clean Scans

Update Inspection Program and Transfer Oversight to Texas Department of Motor Vehicles (TxDMV)

WALK THE TALK!

Adopt/Implement The State Anti-Idling Rule

No gasoline or diesel powered motor vehicle over 14,000 lbs. gross vehicle weight rating (GVWR) may idle for more than 5 minutes when the vehicle is not in motion.

Outreach Materials: www.EngineOffNorthTexas.org

Adopt The Clean Fleet Vehicle Policy

Best Practices Related to Vehicle:

- **Acquisitions**
- **Operations**
- **Maintenance**

More Information: www.nctcog.org/FleetPolicy

QUESTIONS?

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