



Downwinders

reducing toxic air pollution in north texas *at risk*

Applicant Information Form Sue Pope North Texas Pollution Reduction Program

Organization:	North Central Texas Council of Governments
Organization type	Metropolitan Planning Organization
Organization Street Address:	616 Six Flags Drive Centerpoint Two
City, State, Zip	Arlington, TX 76011

Project Officer (Title, First, MI, Last, Suffix):		Air Quality Operations Coordinator Jody Purvis			
Phone— extension	817-704-5609	Fax	817-608-2315	Email	jpurvis@nctcog.org
Project Name		The Expired Emissions Inspection Pilot Program			
Location of Project		Dallas County			
Project Start Date (MM/DD/YYYY)		12/01/2009 (pending receipt of funds)			
Project End Date (MM/DD/YYYY)		08/31/2011 (pending receipt of funds)			

BUDGET: Please summarize your budget request in the space provided. You should also provide a more detailed budget in your preproposal.

Line Item	Requested Funds	Matching Funds
Salaries and Benefits	\$163,699	\$7,699
Equipment	\$0	\$0
Other: Consumables, mileage, printing and mailing	\$13,800	\$3,200
Total:	\$177,499	\$10,899

SUE POPE NORTH TEXAS POLLUTION REDUCTION PROGRAM PREPROPOSAL

EXPIRED EMISSIONS INSPECTION REMINDER PILOT PROGRAM

Strategy:

Conduct The Expired Emissions Inspection Pilot Program to identify vehicles in parking lots displaying expired State vehicle emissions certificates and/or registration certificates and notify the driver of the expired certificate.

Implementation Area:

Dallas County

Description of Activities:

Off-duty Dallas County law enforcement officers (Constables and Sheriff Deputies) will walk mall, retail store, movie theater and other popular parking lots verifying emissions inspection and registration certificate expiration dates.

When an expired certificate is located, the officer will place an English/Spanish windshield flyer (See Figure 1) on the vehicle and record the vehicle license plate and description.

Recorded vehicles will be added to a master spread sheet to check for compliance. Vehicles will be checked for inspection/registration compliance approximately 2 weeks after being listed; vehicles not in compliance will be checked again approximately 30 days after being listed.

Vehicles still not in compliance after 30 days will be mailed a reminder notice with AirCheck Texas Drive A Clean Machine Program information offering possible repair and/or retirement assistance. Follow up compliance checks will be made 3 weeks and 5 weeks after mailing notice.

The Dallas Clean Air Emissions Task Force will be responsible for field data collection, assisting with site selections, payroll coordination, data entry and follow up checks for compliance.

NCTCOG will provide overall program guidance, assist with site selection, prepare and mail notices from lists prepared by the Task Force and follow up on mailed notices for compliance. NCTCOG will also conduct analysis of the data collected.

Deliverables:

Major Pilot Program deliverables will include:

- bring approximately 30,000 vehicles with expired certificates into compliance;
- the collection of sufficient data to evaluate whether a region wide program would benefit North Central Texas; and

- utilize data collected for future legislative action, judicial action, rule implementation and database development.

Environmental Results:

The Texas Commission on Environmental Quality estimates 2009 NOx emissions for the North Central Texas area to be approximately 396 tons per day. On-road sources are estimated to account for 46% or 184 tons per day of this total. This Pilot Program will help reduce multiple pollutants from on-road vehicle sources by causing non compliant vehicles to become compliant with current emissions standards (review criteria #1). Based on a small trial program conducted in Ellis County, approximately 71% of the vehicles identified by Constables and given windshield flyers came into compliance within a month. Similar results are expected in Dallas County but on a much larger scale.

Key Reductions:

The AirCheck Texas Drive A Clean Machine Repair Program reports 67% of their repair dollars are spent on repairing nitrogen oxide (NOx) related failures and 33% are spent on repairing hydrocarbon (HC) and carbon monoxide (CO) failures. On average, AirCheck vehicles experienced over a 70% reduction in pollutants following repairs and these repairs lasted for several years. Similar NOx and HC reductions are assumed for vehicles brought into compliance during the Pilot Program.

Public Impact:

The Texas Department of Transportation (TxDOT) mails out renewal notices to vehicle owners prior to their vehicle registration expiring; however, no follow up efforts are made to those individuals who fail to re-register their vehicles. Currently, no renewal notices are mailed to vehicle owners prior to their State emissions inspection expiring. Informal surveys reveal people do not realize their inspection certificate has expired. By placing a flyer as a courtesy notification on the vehicle, the driver will be reminded to inspect their vehicle and be educated as to why this is an important air quality issue (review criteria #2).

Timeline:

The Expired Emissions Inspection Pilot Program will begin during the fall of 2009 pending the receipt of funds from the Sue Pope North Texas Pollution Reduction Program. Field data collection is expected to last for approximately 12 months and compliance checks and analysis to continue for approximately another six months following the end of field data collection. The final report should be completed by August 31, 2011.

Preliminary Budget:

ITEM	SUE POPE GRANT	NCTCOG IN-KIND SUPPORT	TOTAL
Overtime pay for officers and equipment: Estimated 4,000 hours @ \$39.00 per hour.	\$156,000	-	\$156,000
Program Coordination Estimated 208 hours @ \$20.00 per hour Project Management Estimated 52 hours @ \$40.00 per hour	\$3,120	\$3,120	\$6,240
Follow up letter labor: Estimated 175 hours @ \$20.00 per hour	\$1,750	\$1,750	\$3,500
Fringe (42.2%)	\$2,055	\$2,055	\$4,110
Indirect Charges (20%)	\$774	\$774	\$1,548
Windshield Flyer printing costs: Estimated 50,000 pieces @ \$0.06 per piece	\$3,000	-	\$3,000
AirCheck Texas Drive A Clean Machine brochures: Estimated 10,000 pieces @ \$0.32 per piece	-	\$3,200	\$3,200
Materials for follow up letter and envelopes: Estimated 10,000 notices @ \$0.65 per piece	\$6,500	-	\$6,500
Postage for follow up notices: (Pre-sort 1st class Postage Rate) Estimated 10,000 notices @ \$0.43 per piece	\$4,300	-	\$4,300
TOTAL	\$177,499	\$10,899	\$188,398

FIGURE 1: Sample flyer to be distributed on vehicles with expired inspection certificates that will be printed in English on one side and Spanish on the other side.

DRAFT COURTESY PUBLIC SERVICE NOTICE



ATTENTION: YOUR VEHICLE INSPECTION/REGISTRATION CERTIFICATE IS EXPIRED!

Renew your *expired* State Certificate immediately.

10% of the vehicles account for 50% of the air pollution in North Central Texas. Ensuring all vehicles meet emissions standards is critical to improving air quality in our region.

THANK YOU FOR DOING YOUR PART TO KEEP OUR AIR CLEAN!

Does your vehicle need emissions repairs? Financial assistance is available!

Please call 1.800.898.9103 or visit www.nctcog.org/airchecktexas.

Insert County Logo



North Central Texas Council of Governments

