



THE CLEAN AIR ADVOCATE

**BLUE SKIES ALLIANCE**

# 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 II
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		Nonprofit Partnership Pilot Program			
Location of Project		North Central Texas nine-county nonattainment area (Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall and Tarrant)			
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	\$48,660	
Equipment		
Other: Consumables, printing and mailing	\$3,200	\$6,400
<b>Total:</b>	\$51,860	\$6,400

# SUE POPE NORTH TEXAS POLLUTION REDUCTION PROGRAM PREPROPOSAL

## NONPROFIT PARTNERSHIP PILOT PROGRAM

### **Strategy:**

Conduct a pilot program to create public/private partnerships with local nonprofit and charitable organizations accepting vehicle donations in the North Central Texas area to take proactive measures to ensure the vehicles they receive are emissions compliant with the State's Inspection and Maintenance Program. Through these partnerships, the North Central Texas Council of Governments (NCTCOG) will inform and educate these organizations on ways to reduce, and in some cases eliminate completely, harmful emissions emitted by the donated vehicles they receive. Ultimately, NCTCOG will utilize input from these nonprofit and charitable organizations to develop a program to provide assistance to repair or remove the high-emitting vehicles they receive through donation.

### **Implementation Area:**

North Central Texas nine-county nonattainment area (Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall and Tarrant)

### **Description of Activities:**

NCTCOG will compile a comprehensive list of nonprofit and charitable organizations with offices in the North Central Texas area to create partnerships focused on investigating ways to reduce harmful emissions produced by vehicles they receive from the public via donation. NCTCOG will conduct various stakeholders meetings with all relevant organizations dedicated to formulating a program specifically for emissions reductions efforts on donated vehicles.

After the initial stakeholders meetings, a smaller focus group will be established consisting of those agencies taking part in the pilot program to facilitate the creation of a sustainable program designed to help all nonprofit and charitable organizations with donated vehicles to engage in emissions reductions activities. This collaborative effort by NCTCOG and the focus group will result in the development of a comprehensive website, policies dedicated to program specifics, and eventually, an end result of charities and nonprofits receiving financial assistance for donated vehicles in need of either repairs or immediate retirement. Education and outreach materials will be used to enhance the community's understanding of the overall objective of the program, and hopefully encourage those wanting to donate vehicles to choose an organization that disposes of donated vehicles in an environmentally friendly manner.

NCTCOG will provide overall program guidance, assist with the set up and running of a workgroup designed to create awareness and garner cooperation from interested parties to participate in this initiative, gather data on the number of vehicles repaired and retired and provide final reports on all activity.

### **Deliverables:**

- Serve as a coordinator and facilitator for stakeholder and focus group meetings to discuss the creation and feasibility of the development of a pilot program to offer assistance to nonprofits and charities receiving donated vehicles.
- Develop a policy of “Best Business Practices” to be used by the organizations entering into the partnership which formally outline the program and its parameters.
- Create a website displaying the overall scope and goal of the program and highlighting participating “green” nonprofits and charities along with their contact information for donation purposes.
- Provide educational and outreach items to established partners to assist with creating awareness with regards to improving air quality in our area.
- Work toward providing assistance to nonprofits and charities receiving donated vehicles through the use of vouchers for emissions related repairs or financial help for crushing/recycling purposes.

### **Environmental Results:**

The Texas Commission on Environmental Quality estimates 2009 nitrogen oxide (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 program could potentially, once established, reduce multiple pollutants from on-road vehicle sources by causing noncompliant donated vehicles to become compliant with current emissions standards before they are auctioned off or donated to a family in need (review criteria #1).

### **Key Reductions:**

The AirCheck Texas Drive A Clean Machine Program reports that 67% of their repair dollars are spent on repairing 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 CO reductions are assumed for vehicles brought into compliance once the pilot program establishes a partnership and a formal program begins.

### **Public Impact:**

The established partnership with the local charities and nonprofit organizations will include educational materials made available to the community from both NCTCOG and those participating in this program. Education and outreach materials from NCTCOG will be given to the partners to pass along to vehicle donors to raise public awareness about the program and other air quality initiatives (review criteria #2).

**Timeline:**

The pilot program will begin during the fall of 2009 pending the receipt of funds from the Sue Pope North Texas Pollution Reduction Program. Operations are expected to last for approximately six months, with analysis and program development to continue for approximately another three months following the completion of the program. The program should be completed by May 31, 2010.

**Preliminary Budget:**

<b>ITEM</b>	<b>SUE POPE GRANT</b>	<b>NCTCOG IN-KIND SUPPORT</b>	<b>TOTAL</b>
Program Coordination Estimated 500 hours @ \$20.00 per hour Project Management Estimated 250 hours @ \$40.00 per hour	\$20,000	-	\$20,000
Website development: Estimated 250 hours @ \$40.00 per hour	\$10,000	-	\$10,000
Fringe (42.2%)	\$12,660	-	\$12,660
Indirect Charges (20%)	\$6,000	-	\$6,000
Regional Smoking Vehicle Program brochures: 10,000 pieces @ \$0.32 per piece	-	\$3,200	\$3,200
AirCheck Texas Drive A Clean Machine brochures: 10,000 pieces @ \$0.32 per piece	-	\$3,200	\$3,200
Brochures for the Donated Vehicle Emissions Reduction Pilot Program: 10,000 pieces @ \$0.32 per piece	\$3,200	-	\$3,200
<b>TOTAL</b>	<b>\$51,860</b>	<b>\$6,400</b>	<b>\$58,260</b>