

**5th Semi-Annual
Early Action Compact Progress Report
Austin-Round Rock MSA**



**Prepared on behalf of the Austin-Round Rock MSA
Clean Air Coalition by:**
The Capital Area Council of Governments in coordination with the
Early Action Compact Task Force and the CLEAN AIR Force

Submitted to:
Texas Commission on Environmental Quality
U. S. Environmental Protection Agency, Region VI

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1. INTRODUCTION

This progress report is intended to fulfill the Austin-Round Rock Metropolitan Statistical Area (A/RR MSA) Early Action Compact (EAC) commitment under Section I. A. 2. Reporting: In order to facilitate self-evaluation and communication with EPA, TCEQ, stakeholders, and the public, the region will assess and report progress towards milestones in a regular, public process, at least every six months, beginning in June 2003. In addition, Section 6.3 of the State Implementation Plan (SIP) Revision adopted by TCEQ in November 2004 requires that: "All signatories and implementing agencies will review EAC activities twice yearly. The semi-annual review will track and document, at a minimum, control strategy implementation and results, monitoring data and future plans. CAPCOG, or its designee, will continue to file reports with the TCEQ and EPA by June 30 and December 31 of each reporting year through the duration of the EAC, or until December 31, 2007. Reporting periods will be May 1 to October 31, and November 1 to April 30, to allow for adequate public notice and comment. CAPCOG has primary responsibility for report generation, and will provide appropriately detailed technical analysis for all semi-annual review reporting." This report is submitted for the November 2004 through April 2005 period.

During this reporting period the Austin/RR region has successfully maintained progress toward the implementation of emission reduction measures and has met all EAC milestones. The reporting period began with TCEQ adoption of the majority of the area's clean air plan measures in a SIP revision which was submitted to EPA in December 2004 for review and approval. An informative workshop for local public officials and staff members was held in February 2005 to familiarize them with the SIP revision and to begin emission reduction measure implementation planning. Two significant measures enabled by the SIP revision, the vehicle I&M program and heavy duty vehicle idling restrictions, have been at the center of planning efforts over the past several months. Further details on these activities will be provided in subsequent sections of this report on the control strategy implementation status, ozone monitoring and other technical analysis work, continuing outreach efforts, and future planning goals.

Background

Local governments, community and business leaders, environmental groups, and interested citizens in Bastrop, Caldwell, Hays, Travis and Williamson Counties (A/RR MSA) have made significant commitments to improving regional air quality. The MSA is acting now to assure attainment and maintenance of the federal 8-hour standard for ground-level ozone. Using the Early Action Compact (EAC) Protocol, the Austin/RR MSA submitted a Clean Air Action Plan (CAAP) to the Texas Commission on Environmental Quality (TCEQ) that provides clean air sooner, maintains local flexibility and can defer the effective date of a possible non-attainment designation. The majority of the CAAP emission reduction measures have been adopted as a SIP Revision by the TCEQ.

EPA issued the *Protocol for Early Action Compacts Designed to Achieve and Maintain the 8-Hour Ozone Standard* (the Protocol) on June 1, 2002 and revised it in November 2002. The Protocol provides the framework for a voluntary commitment to develop and implement an emission reduction plan that assures attainment of the 8-hour ozone standard by 2007 and maintenance at least through 2012. On December 18, 2002, the cities of Austin, Bastrop, Elgin, Lockhart, Luling, Round Rock, and San Marcos; the counties of Bastrop, Caldwell, Hays, Travis, and Williamson; TCEQ and EPA, entered into an EAC for the MSA.

Based on State Implementation Plan (SIP)-quality science, signatories choose the combination of measures that meet both local needs and emission reduction targets.

The EAC can be accessed at: http://www.cleanairforce.org/EAC_Final_Revision11-7-02.pdf. This compact committed the region to developing and implementing a CAAP in accordance with the milestones listed in Table 1.1.

EAC/CAAP Milestones	
June 16, 2003	Potential local emission reduction strategies identified and described
November 30, 2003	Initial modeling emissions inventory completed
	Conceptual modeling completed
	Base case modeling completed
December 31, 2003	Future year emissions inventory modeling completed
	Emissions inventory comparison and analysis completed
	Future case modeling completed
January 31, 2004	Attainment maintenance analysis completed
	Schedule for development of further episodes completed
	One or more modeled control cases completed
	Local emission reduction strategies selected
	Submission of preliminary CAAP to TCEQ and EPA
March 31, 2004	Final revisions to modeled control cases completed
	Final revisions to local emission reduction strategies completed
	Final revisions to attainment maintenance analysis completed
	Submission of final CAAP to TCEQ and EPA
December 31, 2004	CAAP incorporated into the SIP; SIP adopted by TCEQ
December 31, 2005	Local emission reduction strategies implemented no later than this date
December 31, 2007	Attainment of the 8-hour standard
June 30 th and December 31 st	Submission of the semi-annual EAC Progress report to US EPA and TCEQ.

Table 1.1: List of the EAC Milestones

All milestone documents may be found at:

<http://www.capcog.org/capcoairquality/news.htm>

Should an EAC area miss a milestone at anytime during the agreement, including attaining the 8-hour standard by 2007, they will forfeit their participation and rejoin the 8-hour implementation process in progress, and will be subject to the same requirements and deadlines which would have been effective had they not participated in this program, with no delays or exemptions from EPA rules. In accordance with the commitments made in the area's EAC, the Austin-Round Rock MSA prepared and submitted a Clean Air Action Plan (CAAP) for the region to demonstrate attainment of the 8-hour standard in the area by 2007 and maintenance of the standard until at least 2012. During the November 2004 through April 2005 reporting period all of the milestones listed above for the period were met.

2. IMPLEMENTATION STATUS OF EMISSION REDUCTION STRATEGIES

Overview

The A/RR MSA CAAP was submitted to the EPA and TCEQ on March 31, 2004. The CAAP listed 13 “State Assisted Measures” which would apply to all or some jurisdictions in the A/RR MSA and would require action by the TCEQ to enable implementation. In addition a number of Locally Implemented Measures were self-selected by the EAC signatories, with each encouraged to implement at least three in addition to continuing O₃ Flex commitments. Jurisdictions could choose to enhance an existing O₃ Flex measure. In this report, O₃ Flex achievements are encompassed by the EAC agreements and are not reported separately. The CLEAN AIR Force has also provided support for several other voluntary measures being implemented in the region.

TCEQ SIP Revisions Based on the CAAP

On November 17, 2004, the TCEQ adopted revisions to the State Implementation Plan (SIP) for the Austin, San Antonio and Northeast Texas Early Action Compact (EAC) areas and Chapters 114 and 115 of Title 30 of the Texas Administrative Code (TAC). This SIP Revision was submitted by TCEQ to EPA in December 2004. A brief description of these measures can be found in the document prepared for a local officials’ workshop and amended with the implementation status for this report (and included as Appendix A).

During this reporting period, TCEQ adopted the following state measures:

- Stage 1 Vapor Recovery
- Portable Fuel Containers
- Idling Restrictions on Heavy-Duty Vehicle Emissions
- Degreasing Restrictions

- Cutback Asphalt Restrictions
- Power Plant Reductions
- Texas Emission Reduction Program (TERP) grants

Locally Implemented EAC Measure Status

Locally Implemented EAC measures build on those in the O₃ Flex Agreement. More detailed descriptions, and commitments from participating agencies, appear in Appendix 5-2 of the CAAP. To provide an update for this reporting period, survey forms were sent to all participating agencies to collect information about the status of all locally implemented measures. The survey forms and answers can be found in Appendix B of this document.

Signatories interpret and implement these measures according to their needs and abilities. With the exception of the Transportation Emission Reduction Measures (TERMs), the CAAP neither quantifies these reductions nor includes them in its modeling. This chapter summarizes status of the local measures implemented by the participating agencies.

In addition to the self-selected measures, the major fuel supplier to the Austin-Round Rock MSA began supplying Ultra Low Sulfur Gasoline in May 2003, and is continuing to supply the fuel through the 2005 ozone season as an alternate method to providing Texas Low Emission Diesel required next year.

Signatories and Participating Agencies

Locally implemented emission reduction measures were committed to by the signatories to the EAC Agreement:

Cities:

City of Austin, City of Round Rock, City of San Marcos, City of Bastrop, City of Lockhart, City of Luling, City of Elgin

Counties:

Bastrop County, Caldwell County, Hays County, Travis County, Williamson County

Agencies:

Capital Metropolitan Transportation Authority, Capital Area Council of Governments (CAPCOG), Capital Metropolitan Planning Organization (CAMPO), Lower Colorado River Authority (LCRA), Texas Commission on Environmental Quality (TCEQ), Texas Department of Transportation (TxDOT)

The status of individual programs for each county or city was acquired through a reporting survey. For this reporting period, the participants were asked to report whether or not the emission reduction measures they committed to had been implemented. Reported data also addresses, to some extent, the level of implementation achieved. The surveys that were completed are in Appendix B of this report.

Results of the report are summarized below.

- Responses received by 89% of all signatories
 - Status for 36 programs (100%) obtained. (total of 36 EAC Emission Reduction Measures)

¹As of June 2005

- 89% of programs have been implemented
- 11% of programs have not been implemented

Figure 2.1 graphically illustrates the status of the Austin-Round Rock EAC programs. Note that this status is based on the 89% response rate and does not represent emission reductions achievements.

¹ The status of the program is estimated from the EAC survey (counting only reported programs).

EAC Emission Reduction Measures Status of Implementation

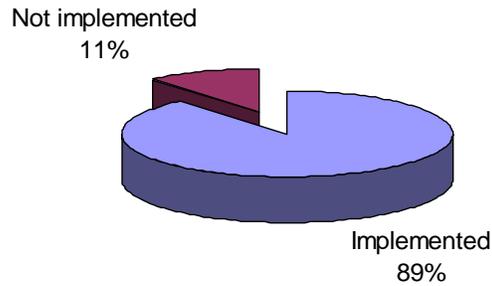


Figure 2.1: Austin-RR EAC Program status based on 89% response rate (June 2005)

The progress of the Transportation Emission Reduction Measures (TERMs) for this reporting period is illustrated in Figure 2.2..

TERMs Project Status June 2005

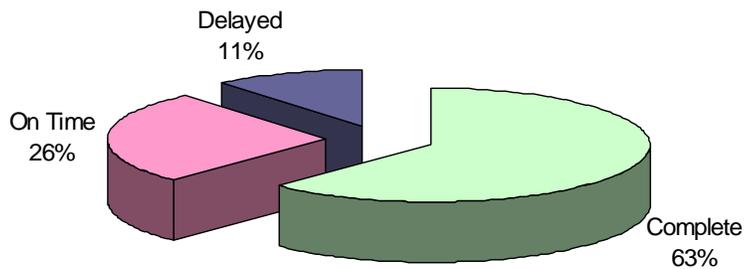


Figure 2.2: TERMS project status as of June 2005

Transportation Emission Reduction Measures (TERMs) EAC Clean Air Action Plan for the Austin-Round Rock MSA Project Status Report - June 2005

PROJECT TYPE	TERMs PROJECT STATUS*			Total Eligible TERMS	TERMs TOTALS		Continued Attainment TERMS*	
	Complete	On Time	Delayed		Beyond 07 or Deleted	Total Commitments	Total Projects	Total Commitments
Intersection Improvements	101	40	8	1	149	291	7	8
Signal Improvements	32	13	3	0	48	~ 1881 Signalized Intersections	2	6
Bicycle/Pedestrian Facilities	101	50	39	2	190	~ 207.38 Miles (Bike Hub/Racks)	4	15.44
Grade Separations	1	1	0	0	2	2	2	2
Park & Ride Facilities	18	7	0	0	25	3577	0	0
Traffic Flow Improvements	7	0	0	0	7	30.26	0	0
Intelligent Transportation Systems*	18	7	0	1	25	> 56.812	1	2.7
PROJECT STATUS TOTALS	278	118	50	4	446	Total Projects	16	Total Projects

IMPORTANT NOTES:

- * This TERMS Report shows the current status of projects.
- * The "Complete" projects are complete and implemented within the region.
- * The "On Time" projects are those that will still be complete by/sooner than the implementation date provided in the previous reporting period.
- * The "Delayed" projects are those that have been pushed back a year or more from the implementation date provided in the previous reporting period, due to various reasons.
- * TERMS deleted or due beyond 2007 are excluded from the emission reduction totals for the 2007 Clean Air Action Plan attainment goal required by the State Implementation Plan (SIP).
- * Deleted projects are required to be substituted with projects of similar emission reductions by the next reporting period.
- * Each improvement has a different type of commitment. These commitments are units used to quantify emission reductions.
- * Shaded rows indicate Continued Attainment TERMS (those due by 2012), and are not included in the 2007 emission reduction totals.
- * ITS projects are not quantified, due to lack of specific quantification data for the project type/function. These projects are included in project status totals, but not in reduction totals.
- * Footnotes in each table provide essential information on specific improvements.
- * **Project totals for Bike/Ped Facilities has changed since the Dec. 2004 report due to some spreadsheet errors that created duplication of City of Austin projects.**

Table 2.1: TERM Individual Project status

Other Emission Reduction Activities

Clean Air Partners Program

CLEAN AIR PARTNERS is a voluntary program comprised of members who are working to reduce their ozone-causing emissions by 10% over a 3 year period. The CLEAN AIR Force of Central Texas (CAF), <http://www.cleanairforce.org/>, oversees the program, which assists companies in reducing their emissions with a variety of options. Strategies include commute alternatives-- such as carpooling/vanpooling, using mass transit, remote work (teleworking/telecommuting), flex-time and bicycling--along with on-site emission reductions from the use of clean energy, low-emission construction activities, cleaner, water-conserving landscaping practices, energy conservation, and a host of other that activities can lead to cleaner air. Companies report their achievements once a year. Thirty-Five new Partners that have joined since Fall of 2004. The grand total now is 91 Partners, representing about 160,000 Austin/RR area employees.

CAF Electric Lawnmower Exchange Program

For the past three years, the CLEAN AIR Force of Central Texas (CAF) has coordinated and administered an electric lawnmower discount program as a means of educating the public on the direct link between gas-powered lawn equipment and air quality in Central Texas. This program partners with local Home Depots as well as other local lawnmower retail stores, and gives Central Texans the opportunity to purchase a less polluting, cleaner burning electric mower for 20% off the retail price. In addition, this program allows Central Texans to dispose of their older gas-powered mowers. Because gasoline-powered lawn and garden equipment contributes to the air pollution problem in Central Texas, as an air quality organization we encourage the replacement of this older polluting equipment with the newer and cleaner electric versions that many people are not even aware exist. This program gives citizens the chance to learn about the variations in emissions between types of lawnmowers, purchase an electric model that is similar in cost to gas-powered mowers via the coupon, and help make a positive improvement in the air we breathe.

Central Texas Adopt-A-School Bus Program

The Central Texas Adopt-A-School Bus Program has been created to help school districts in Bastrop, Caldwell, Hays, Travis and Williamson Counties reduce pollution from older school buses through providing grants to meet 100% of the costs of retrofitting older diesel buses with emission control systems or to meet 50% of the costs of replacing older buses with new diesel buses. By raising funds from corporations and foundations to help reduce emissions from diesel buses, the Program helps school districts avoid the need to divert funds away from children's learning requirements.

Children are particularly susceptible to the harmful impacts of air pollution because they breathe at higher rates than adults and their bodies are still developing. As they wait at the curb, play near idling buses, or ride inside the school bus, children are exposed to diesel soot and exhaust fumes every school day.

The exhaust from the combustion of diesel fuel has been shown to cause or exacerbate a host of respiratory health problems, including asthma, which is one of the leading causes of school absenteeism in Central Texas and is the leading cause of hospitalization of school children in Travis County. The average prevalence of asthma in Texas, based on data from the Centers for Disease Control is 7.9%. The asthma prevalence for children in Travis County, based on the Austin Asthma Coalition Texas Behavioral Risk Factor Surveillance System is 19.1%.

In addition to studies on the emissions of pollutants from the tailpipes of school buses, there have been a number of recent studies in California and the North East US demonstrating that children riding in older diesel-powered buses can be subjected to much higher levels of pollutants within the passenger cabin than outside the bus through emissions of diesel exhaust from the engine crankcase.

Retrofitting older buses with emission control systems can reduce harmful emissions by up to 40%. Replacing these buses could reduce emissions by up to 80%. Because of the high cost of replacing buses (\$55,000-\$60,000), the interim goal of the Adopt-a-School Bus Program is to reduce pollution from as many older in-use buses as possible by retrofitting them with emission control systems. The cost of retrofitting an older bus is approximately \$2,250. The type of emission control system for which grant funds will be used comprises a diesel oxidation catalyst which reduces tailpipe emissions plus a crankcase filtration system that reduces the emissions that enter the bus passenger compartment. The goal of the Adopt-A-School Bus Program is to reduce emissions from 200 buses by 2007 in the 5 counties listed above. Short and long term outcomes will be measured by the number of buses retrofitted or replaced and the number of children whose exposure to diesel exhaust pollution has been reduced.

The focus of the Program over the last six months has been on fundraising. The goal for 2005 is to raise a minimum of \$250,000. Grant application requests have been made to a number of Texas Foundations, including the Meadows Foundation, Moody Foundation, Alice Kleberg Reynolds Foundation, Temple Inland Foundation, Michael and Susan Dell Foundation, and Impact Austin. Contact has been made with all the Clean Air Partner corporations, and sponsorship letters have been sent to a wide range of other Central Texas corporations. To date, \$12,100 (including in-kind donations) has been received.

In an effort to raise the visibility of the problem addressed by the Adopt-A-School Bus Program, the solutions the Program offers and the need for corporate sponsorship, a series of advertisements is being prepared for insertion in the Austin Business Journal during June/July 2005. In addition, children at the YMCA summer art camps have been asked to take part in a competition to create artwork depicting the problem of polluting buses through their own eyes. The winning artwork will be used in advertisements on three Capital Metro buses, beginning in August. Capital Metro is donating the advertising space on the buses to the Adopt-A-School Bus Program.

3. TECHNICAL ANALYSIS FOR CONTINUED ATTAINMENT PLANNING

EAC Clean Air Action Plan (CAAP)

The Austin-Round Rock MSA CAAP which was completed and sent to EPA and TCEQ on March 31, 2004 is based on a modeled attainment demonstration for 2007. The analysis for growth indicated that the attainment status will be maintained through 2012. The EAC milestone reports documenting each of the technical analysis activities performed to support the attainment demonstration are included as appendices to the CAAP and can be accessed on the CAPCOG web site.

A brief discussion follows on several of these technical support activities completed during the reporting period. In addition, a short discussion is included on ozone monitoring efforts to provide more complete measurements of ozone levels in the area for assisting the area in improving future modeling and assessment efforts.

Technical Analysis

Development of the new ozone episode and continued planning process

A consensus agreement was reached between TCEQ and the EAC Areas at the near non attainment quarterly meeting held in February 2005, that the areas would postpone new ozone episode development until new Texas Air Quality Study (TXAQS II, 2005) data become available. Comprehensive sets of both air quality and meteorological data are expected from that study. The Austin-Round Rock MSA area together with the San Antonio MSA area decided to participate in the TxAQS II study by providing funds for a radar wind profiler which will be installed at New Braunfels airport and operated during the 2005 and 2006 TxAQS II study period.

The area is continuously developing and improving emissions inventory data for the use with any future ozone episode. Air quality data is updated and validated for the use with new conceptual models. Canister sampling for VOC species is being conducted to assist in validating the modeling emissions. The results of data improvement work are expected to improve the area's ability to develop accurate photochemical inputs for a modeling episode to be selected from the 2005 or 2006 ozone seasons.

Analysis of new source permit growth

As stated in the last EAC progress report, new air permits for point sources have been tracked in the following counties: Bastrop, Caldwell, Hays, Travis, and Williamson. Since 2002, there have been 736 applications for air permits. Of those applications, 314 have been issued. Analysis of the impact of the new point sources on ozone attainment was not performed because the new sources were not large enough to pose a significant threat to attainment. *Details about the new point sources can be found on the CAPCOG Air Quality web page.*

The local EAC Task Force has found it difficult to track and analyze modified and new point source emissions authorized by new source permits with the information found on the TCEQ web site. This issue has been discussed with the TCEQ staff and efforts are being undertaken to provide the emissions data needed to analyze new or modified point source growth impacts.

Central Texas Sustainability Indicators Project

The CTSIP recently decided to change from an annual report to a bi-annual report and, therefore, was not published in 2005. EAC Task Force staff plan to coordinate data gathering efforts with TCEQ and CTSIP in the future. The next CTSIP report will be published in the first half of 2006, in time for the June 2006 EAC Report.

Air Quality Monitoring Network for the 2005 Ozone Season

In addition to the two regulatory ozone monitors operated in the Austin area by TCEQ, three additional ozone monitors are being operated for the 2005 ozone season

under contract to CAPCOG to provide supplemental area-wide coverage. Data from five sites can be accessed on-line from TCEQ's Monitoring Operations Web Site. For purposes of this report, ozone monitoring data for the 2005 ozone season has been reported for the period from April to May.

For this reporting period, there has been one ozone exceedance recorded on May 27th 2005. Note that during the entire 2004 ozone season there were a total of two recorded exceedances of the NAAQS (8-hour ozone standard) at Murchison CAM03 and Pflugerville CAM613 (92ppb and 85ppb respectively, on August 4th) and at Murchison CAM03 (86ppb, August 5th). Figure 3.1 shows the Austin-Round Rock 2004 Ozone season summary statistics for the period from April through October.

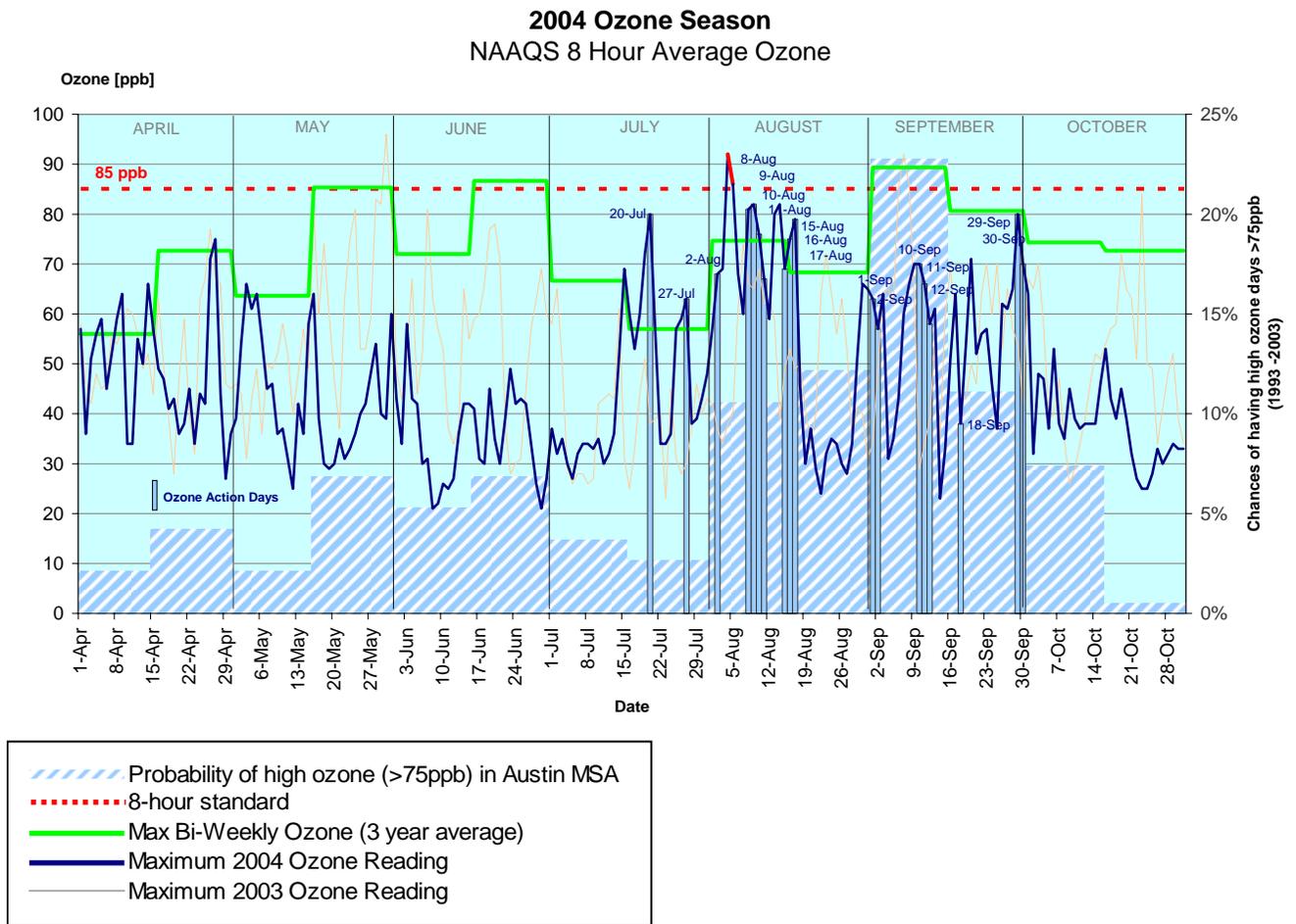


Figure 3.1: Austin-Round Rock MSA 2004 Ozone Season.

Air Quality Monitoring for April - May 2005

Ozone season for the Austin-Round Rock MSA begins on April 1st and ends on October 31st. Five air quality monitors are operating in the Austin region – Figure 3.2.

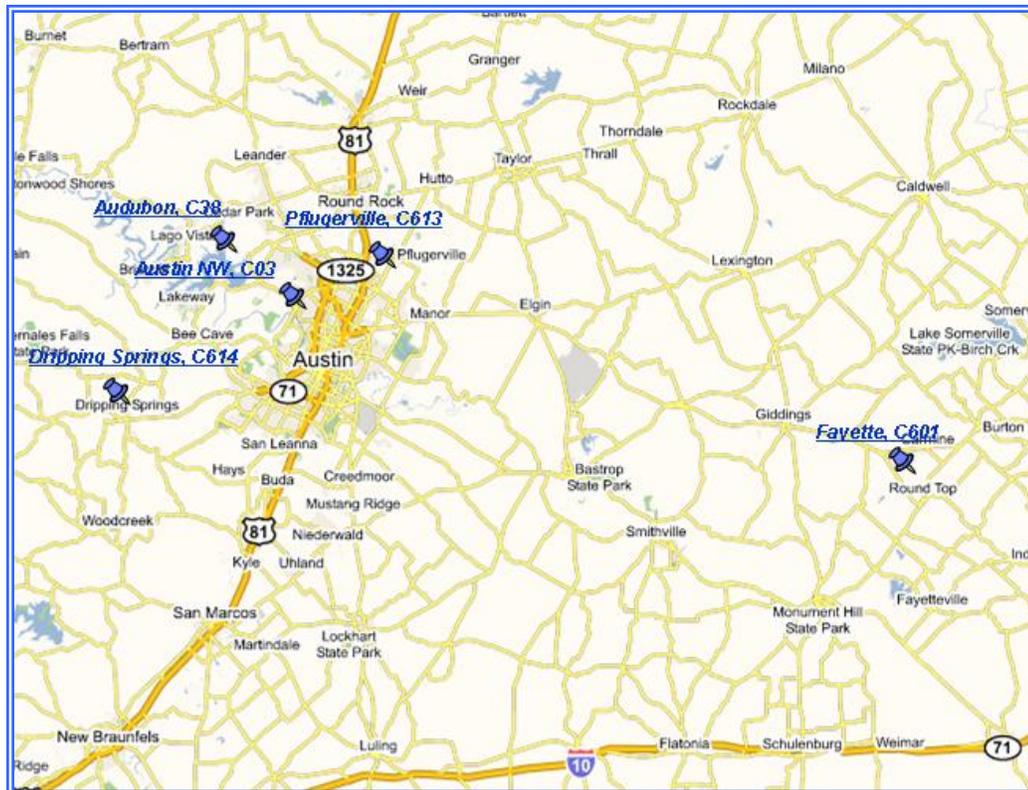


Figure 3.2: Austin region ozone monitoring network

During month of April there were no exceedances of the NAAQS (8-hour standard) reported from any site – Figure 3.3, however on May 27, there has been one exceedance of the 8-hour ozone standard as observed at the Audubon (C38) monitoring station – Figure 3.4. For the month of April, the single highest value from any monitor was from Pflugerville Wastewater C613 on April 15th, with a reading of 73ppb. The second highest reading was 71ppb, reported by Fayette C601, also on April 15th. All sites reported their lowest values on or around April 20th. The graph of the data for each site

shows April 15th as being the day with the highest readings for the month. The highest value recorded in April 2004 was 75ppb from Pflugerville C613 on April 27th.

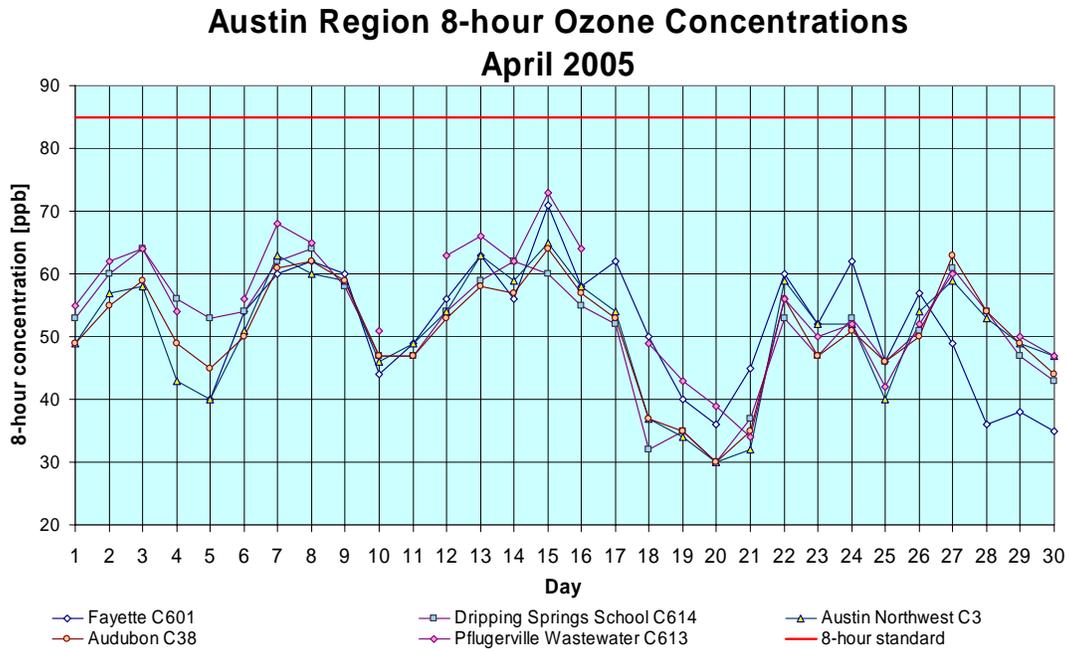


Figure 3.3: Ozone readings for the Austin region, April 2005

In May, the highest reading for the first half of the month was from the Fayette County C601 site at 77ppb on May 6th. The values drop after the 6th and are lowest around the 11th. The highest readings for the second half of the month were produced on the May 27th and during that day ozone levels exceeded the 8-hour standard at the Audubon C38 site (86ppb). Austin Northwest C3 reported a value of 84ppb on the same day, the second highest reading for the month. Note that in May of 2004 (Figure 3.2), the highest value reported was 66ppb from Audubon C38 on May 3rd.

Austin Region 8-hour Ozone Concentrations May 2005

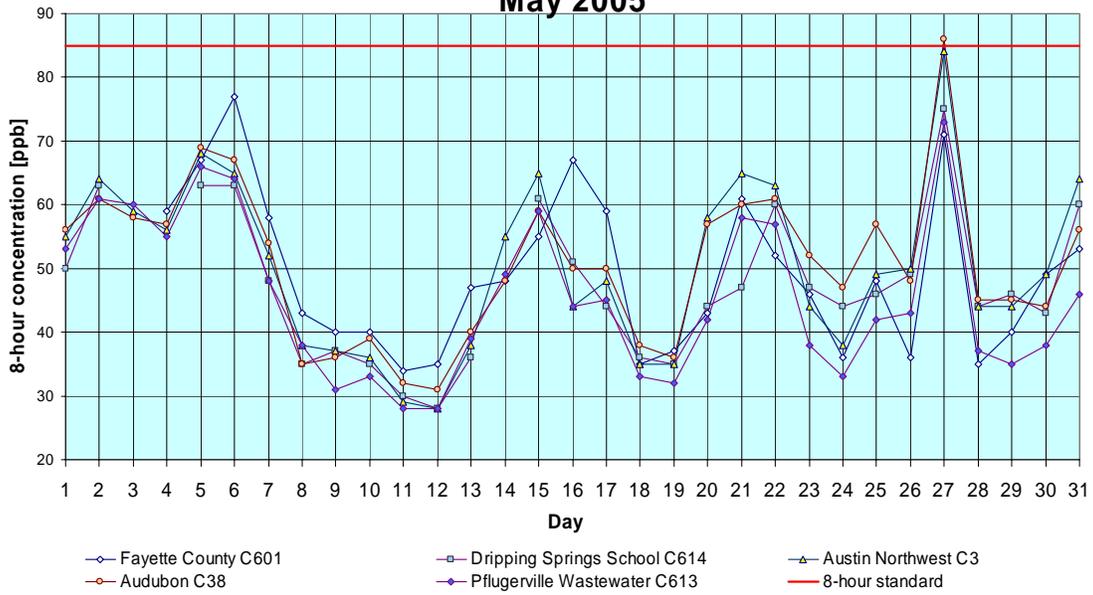


Figure 3.4: Ozone readings for the Austin region, May 2005

4. PUBLIC INVOLVEMENT AND OUTREACH ACTIVITIES

The table below details groups and venues that have come together for work on the Austin-Round Rock MSA Early Action Compact (EAC). The Clean Air Coalition (CAC) is comprised of elected officials in the MSA. A representative from each County and signatory City therein is represented in this coalition and they consider options and make recommendations to their respective elected bodies regarding the EAC and Clean Air Action Plan (CAAP) for our region. The Chair is Mayor Will Wynn of the City of Austin. The Early Action Compact Task Force (EACTF) is comprised of key staff from governmental and quasi-governmental agencies, such as the Lower Colorado River Authority, throughout the MSA. The EACTF coordinates stakeholder input from the stakeholder committees, reviews emission reduction measures and reports on CAAP issues to the CAC. The Co-Chairs of this task force are Bill Gill of Capital Area Council of Governments (CAPCOG) and Scheleen Walker of Travis County. The EACTF consists of approximately 30 members. The CLEAN AIR Force (CAF) Board is made up of businesses, local governments, environmental groups, neighborhood associations, and public interest groups. They meet quarterly to discuss clean air issues, including the CAAP, and the Chair is Mike Heiligenstein, Executive Director of the Central Texas Regional Mobility Authority. The CLEAN AIR Force Technical Advisory Committee (CAF TAC) is a sub-group of the CAF which comes together to discuss technical issues regarding air quality. The CAF TAC is chaired by Art Bedrosian, HNTB, and has approximately 35 members. Meetings for all of these air quality discussion and advisory groups are open to the public with meeting notices and agendas e-mailed to interested parties and posted on the respective web sites. Our region's EAC is also reviewed along with other EAC's during Near Non-Attainment meetings. These meetings are held quarterly to bring together regions that are facing non-attainment such as the Austin/RR MSA and the San Antonio MSA.

The Public Involvement Committee in conjunction with the EACTF conducted a workshop in February 2005 to begin the implementation phase of the CAAP by providing presentations and materials, including a workbook, for public officials and staff of signatory jurisdictions on the SIP Revision and implementation issues. Table 4.1 lists all

Early Action Compact (EAC) meetings and public outreach programs that occurred between November 1, 2004 and May 1, 2005.

DATE	MEETING/ EVENT
November 3	CAF Executive Committee Conference Call
November 5	CAF Board Workshop at McKinney Roughs
November 10	CAF Public Involvement Meeting
November 10	Clean Air Coalition Meeting
November 11	Adopt-a-School Bus (AASB) Steering Committee Meeting
November 12	CAF applies for Texas Environmental Excellence Award
November 16	CAF booth at City Hall Grand Opening
November 16	Texas eRider joins the Clean Air Partner Program
November 17	CAF booth at Downtown Austin Alliance (DAA) Fair
November 18	Early Action Compact Task Force (EACTF) Meeting
November 29	EAC Workshop Preparation Meeting
November 30	Green Diesel Seminar
December 1	CAF Executive Committee and Board Meetings
December 2	AASB Regional Meeting with EPA
December 8 & 16	CAF Public Involvement Meetings
December 16	EACTF Meeting
December 28	Caldwell County agrees to \$2250 in funding for CAF
January 5 & 20	CAF Public Involvement Meetings
January 6	CAF Executive Director speaks as panelist at Challenger X at Freescale
January 12	TCEQ Clean Air Partners in Education Roundtable Meeting
January 18	CAF receives \$5000 grant from Alcoa for Electric Lawnmower Discount Program
January 20	Commute Solutions Meeting
January 20	CAF Booth at DAA Event
January 27	CAF Technical Advisory Committee Meeting
February 2	CAF Executive Committee Conference Call
February 2 & 17	CAF Public Involvement Meetings
February 3	EAC Workshop Meeting
February 4	EAC Implementation Workshop
February 8	Meeting with San Marcos Mayor Narvaiz regarding EAC implementation process
February 15	Commute Solutions Meeting
February 16	CAF booth at DAA Fair
February 17	EACTF Meeting
February 18	New Clean Air Partner joins: Alien Scooters
February 19	CAF applies for Impact Austin grant on behalf of AASB program
February 24	CAF Technical Advisory Committee Meeting
February 24	CAF Executive Director speaks to COA Employees regarding ozone and health
February 25	CAF Nominations Subcommittee Meeting

DATE	MEETING/ EVENT
February 28	Meeting with COA re Ozone Season Kickoff
March 1	Electric Lawnmower Discount Program article in Austin Energy newsletter
March 2	CAF Bylaws Subcommittee Meeting
March 3	Commute Solutions Conference Call with Commissioner Soward
March 5	CAF Booth at Sunset Valley Open House
March 9	CAF Board Meeting
March 15	Commute Solutions Meeting
March 15	Meeting with Enviromedia re I&M outreach
March 16	CAF Public Involvement Meeting
March 16	CAF Meeting with KXAN re ozone commercials
March 16	CAF & Clean Air Partners Booth at DAA Fair
March 18	CAF Nominations Subcommittee Meeting
March 21-April 9	Radio ads re Electric Lawnmower Discount Program begin
March 24	CAF TAC Meeting
March 28	CAF Bylaws Subcommittee Meeting
April 1	CAF Ozone Season Kickoff Press Event at Austin City Hall
April 1	CAF Booth at COA Fresh Air Friday
April 1-May 12	CAF/Neuton Cordless Electric Lawnmower Discount begins
April 2	CAF Electric Lawnmower Discount Event at Sunset Valley Home Depot
April 6	CAF Executive Committee Conference Call
April 6 & 21	CAF Public Involvement Meetings
April 7	CAF Live Broadcast at Whole Food re Lawnmower Program
April 9	Electric Lawnmower Discount Event at the Arboretum Home Depot
April 11	CAF Presentation by Fred Blood to San Marcos Chamber of Commerce Natural Resources Committee
April 11	CAF Meeting with Williamson County Regional Park
April 19	CAF & Clean Air Partners Booth at Hewlett-Packard Commute Solutions Fair
April 21	CAF & Clean Air Partners Booth at DAA Fair
April 21	EACTF Meeting
April 21 & 22	CAF Booth at LCRA Earth Day Events
April 28	CAF Technical Advisory Committee Meeting
April 28	CAF Booth at Texas Department of Insurance Health Fair
April 28	State Farm joins Clean Air Partners Program
May 1	Ad in Austin American Statesman re Electric Lawnmower Discount Program

Table 4.1: Early Action Compact Meetings/Public Outreach (November 1, 2004 to May 1, 2005)

5. CHALLENGES AHEAD/ NEXT STEPS

New ozone episode development and TXAQS II

Development of the new ozone episode will require coordination with TxAQS II projects and effective use of technical resources to assure adequate data analysis and utilization of the data. Challenges ahead will be to make the analysis process more cost effective and improved data more available and exchangeable between different groups. This will require a close working relationship with TCEQ and other non-attainment and near non-attainment areas in the state.

Implementation Issues

Heavy duty vehicle idling restrictions in conjunction with the latest legislation, which exempts heavy duty trucks from idling while the driver is resting, may represent new challenges to effectively evaluate and reduce emissions from this source category. Implementation of this rule is also going to represent a challenge since only the local areas (signatories of the idling MOA) will have jurisdiction to implement this measure.

The vehicle Inspection and Maintenance program will need to assure fair repair processes and cost effectiveness during the next few years, with low income drivers being aware of and having access to repair assistance funding. Small businesses affected by the new regulations will need to be supported with helpful outreach activities to find cost effective ways to comply with the new regulations.

We also need to recognize that a major portion of ozone in central Texas is due to the transport from nonattainment areas within, as well as, outside of the State of Texas. Therefore, it is of great importance for those areas to stay on schedule with emission reduction programs and with their SIPs. The Austin-Round Rock MSA is planning to work closely with TCEQ on new source permit growth and will do a technical analysis of any new major point source of ozone precursor emissions that may come into the central Texas area. In addition, it is important that TCEQ will be assuring implementation of the

best available emission reduction technologies for all new major point sources. Discussions will be continued to explore new source permitting options to achieve the desired level of protection in the local area from new point source ozone precursor emissions, which could jeopardize the region's attainment status. Another TCEQ program that the local area is counting on for significant NOx emission reductions is the Texas Emissions Reduction Program. TCEQ has approved an allocation method for insuring that areas needing TERP reductions will have access to needed funding. The difficulty continues to be for local entities to come forward with acceptable applications for TERP funding assistance.

Elected officials and stakeholders in the Austin-Round Rock MSA will be closely coordinating with their TCEQ and EPA partners in the EAC to complete EPA's SIP Revision approval process, as well as conducting outreach, training and other activities to insure effective strategy implementation necessary to meet the next EAC milestone for local emission reduction measure implementation by December 31, 2005. Appendix C is a copy of the letter sent by the Clean Air Coalition in December 2004 indicating support for this partnership. While numerous challenges have arisen during the EAC CAAP and SIP Revision process, all milestones have been met and the working relationships established between partners and stakeholders are expected to contribute to the continued success of the program.

APPENDIX A

State-assisted Measures Included in the Austin Area Early Action Compact

The Austin Area Early Action Compact includes eight emission reduction measures that require state assistance to implement. Six of the measures required new state rules. Two of these new rules apply statewide; two apply to both the Austin and San Antonio Area EAC counties. Measures 3 – 5 below will rely on existing TCEQ resources for enforcement. TCEQ investigator training is planned to include these regulatory changes for their field inspectors to be familiar with.

Together these measures are conservatively estimated to reduce 4,178 tons per year of NOx emissions and 6,054 tons per year of VOC emissions in the Austin EAC area. These totals do not include additional emission reductions from the many local, voluntary measures each Clean Air Coalition jurisdiction committed to implement, nor do they include emission reduction commitments made by other EAC stakeholders.

These measures commit the region to reduce 5.1 % of the *daily* NOx emissions from mobile and area sources and 10.3% of the *daily* VOC emissions. Annual point source emissions should be reduced by an estimated 12.7%.

State-assisted measures requiring new state rules for implementation:

- 1. Vehicle Emission Inspection & Maintenance** – New rules will implement a State vehicle emissions inspection and maintenance (I/M) program for Travis and Williamson Counties. Travis County committed to administer an associated Low

Income Repair Replacement Assistance Program (LIRAP) program, as well, per existing state rules.

- **Effective Date:** September 1, 2005.
- **Affected Area / Timeframe:** Travis and Williamson Counties / year round
- **Estimated Austin area Reductions:** 3.22 tons per day (tpd) of NO_x, 3.88 tpd of VOC
- **Administrative Code:** Title 30, Subchapter C, *Vehicle Inspection and Maintenance and Low Income Vehicle Repair Assistance, Retrofit, and Accelerated Vehicle Retirement Program, Division 1 Vehicle Inspection and Maintenance*, Sections §§114.80-114.87
- **Implementation Milestones:** Progress of the I/M program was obtained from the Texas Department of Public Safety (DPS) during a presentation given on April 28, 2005. According to the recently adopted I/M rule by TCEQ for the Austin-Round Rock MSA, testing will begin on September 1, 2005 in Travis and Williamson Counties. Implementation planning for the program began shortly after the adoption by TCEQ with workshops offered for safety inspection station operators. On April 1 a public outreach campaign started in conjunction with the Clean Air Force ozone season announcement. Testing equipment delivery has started on May 1st to begin setting up the stations. On July 1st, emissions inspector training is scheduled to begin with approximately 1,400 inspectors between the two counties. The first AirCheck Texas test is scheduled to be performed on September 1, 2005.

In an effort to increase public awareness of the program, the DPS will reinforce the AirCheck Texas brand and tagline to promote environmental and health benefits. The link between health and clean air will be stressed, as well as the effectiveness of the program. Several advertising tactics, such as billboards, radio and newspaper advertisements will be used to increase the popularity of the program.

2. Locally Enforced Idling Restrictions—New rules will implement idling limits for gasoline and diesel-powered engines in heavy-duty motor vehicles within the jurisdiction of any local government in the state that has signed a Memorandum of Agreement with the commission to delegate enforcement to that local government.

- **Effective Date:** Upon completion of the MOA, by August 30, 2005
- **Affected Area / Timeframe:** Any jurisdiction in Texas that signs an MOA / during the Ozone Season (April 1st - October 31st) each year
- **Estimated Austin area Reductions:** 0.67 tpd of NO_x, 0.0 tpd of VOC, assuming all 12 EAC signatory jurisdictions sign an MOA
- **Administrative Code:** Title 30, Subchapter J, *Operational Controls for Motor Vehicles, Division 1 Motor Vehicle Idling Limitations*, new Sections §§114.510-114.512, and 114.517
- **Implementation Milestones:** A committee formed by the EAC Task Force and CAMPO began work on April 1, 2005 on the Idling Restrictions MOA and Implementation Plan. On May 6, a formal draft of the Implementation Plan was sent to TCEQ and EPA for comments. The comments were incorporated into a draft that was presented to the full EAC Task Force on May 19. The MOA was endorsed by the Task Force and it will be given to elected officials for their approval at the June 8 Clean Air Coalition meeting. The Clean Air Coalition officials will then present the MOA to their respective jurisdictions for signature authorization. A press conference and MOA signing is tentatively scheduled for July 29, 2005. The MOA will be submitted to TCEQ by August 1, 2005.

3. Stage 1 Vapor Recovery - Revision of Stage I & II Vapor Recovery Rules, Chapter 115 (Rule Project Number: 2005-001-115-AI). Amendments to existing rules will lower the exemption level for facilities subject to Stage I vapor recovery controls from 125,000 gallons in a calendar month to 25,000 gallons of gasoline in a calendar month.

- **Approval Date:** 03/23/05
- **Effective Date:** 04/13/05

- **Affected Area / Timeframe:** Bastrop, Caldwell, Hays, Travis, and Williamson Counties, plus all San Antonio Area EAC counties (Bexar, Comal, Guadalupe, and Wilson) / year round
- **Estimated Austin area Reductions:** 0.0 tpd of NO_x, 4.88 tpd of VOC
- **Administrative Code:** Title 30, Chapter 115, Subchapter C, *Volatile Organic Compound Transfer Operations, Division 2, Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities*, Sections §§115.227 and 115.229

4. Degreasing Requirements - Amendments to existing rules will extend restrictions on certain solvents.

- **Effective Date:** By December 31, 2005
- **Affected Area / Timeframe:** Bastrop, Caldwell, Hays, Travis, and Williamson Counties, plus all San Antonio Area EAC counties (Bexar, Comal, Guadalupe, and Wilson) / year round
- **Estimated Austin area Reductions:** 0.0 tpd of NO_x, 5.55 tpd of VOC
- **Administrative Code:** Title 30, Chapter 115, Subchapter E, *Solvent-Using Processes, Division 1, Degreasing Processes*, §§115.412, 115.413, 115.415-115.457, and 115.419

5. Cut-back Asphalt Restrictions - Amendments to existing rules will extend restrictions on the use of certain paving substances to the Austin area EAC counties.

- **Effective Date:** By December 31, 2005
- **Affected Area / Timeframe:** Bastrop, Caldwell, Hays, Travis, and Williamson Counties / April 16th - September 15th each year
- **Estimated Austin area Reductions:** 0.0 tpd of NO_x, 1.03 tpd of VOC
- **Administrative Code:** Title 30, Chapter 115, Subchapter F, *Miscellaneous Industrial Sources, Division 1, Cutback Asphalt*, Sections §§115.512, 115.516, 115.517, and 115.519

6. Low Emission Gas Cans – New rules will establish requirements relating to the design criteria for portable fuel containers and portable fuel container spouts and the sale or distribution of the portable fuel containers.

- **Effective Date:** December 31, 2005
- **Affected Area / Timeframe:** Statewide / year round
- **Estimated Austin area Reductions:** 0.0 tpd of NO_x, 0.89 tpd of VOC
- **Administrative Code:** Title 30, Subchapter G, *Consumer-Related Sources, Division 2, Portable Fuel Containers*, Sections §§115.620-115.622, 115.626, 115.627, and 115.629

State-assisted measures not requiring new state rules for implementation:

1. Texas Emission Reduction Program (TERP) Grants – This existing TCEQ program, created by the State Legislature, provides grant funds to public and private fleets in 41 Texas counties. It covers the *incremental* costs associated with cleaner diesel equipment.

- **Estimated Austin-area Reductions:** The region is committed to achieving a 2-tpd NO_x decrease from TERP grants by the end of 2007. To date, the region has received grants anticipated to decrease NO_x by 0.9 tpd. The round of grants recommended for funding as of May 20, 2005 can be found in the table on the next page.

2. Local Power Plant Reductions –Austin Energy, LCRA and UT agreed to specific reductions during the EAC Stakeholder process.

- **Estimated Austin-area Reductions:** Four Austin-area power plants anticipate NO_x reductions of 1,866 tons per year (12.7%) by 2007. Reductions will be noted in TCEQ permits and incorporated into the State Implementation Plan (SIP).

Online References:

TCEQ Austin Area SIP -

http://www.tnrcc.state.tx.us/oprd/sips/june2004eac_EDrec.html

TEXAS COMMISSION ON ENVIRONMENTAL PLANNING													
TEXAS EMISSIONS REDUCTION PLAN (TERP)													
EMISSIONS REDUCTION INCENTIVE GRANTS													
FY05 1ST ROUND GRANTS RECOMMENDED FOR FUNDING (sort by area and emission source)													
May 20, 2005													
Application Number	Applicant Name	Project Description	Primary Area	Grant Amount	Project Cost	Projected NOx Reductions (tons)	Projected NOx Day of NOx Reduced 2007 (tpd)	Projected Tons Per Ton of NOx Reduced	Projected Cost Per Ton of NOx Reduced	Project Type	Emission Source	Project Life	# of Activities
1/20051027	TEXAS LEHIGH CEMENT COMPANY LP	REPLACE ONE RUBBER TIRE LOADER	AUSTIN	\$259,184.54	\$396,765.37	41.7213	0.0238		\$6,212.28	REPLACEMENT	NON-ROAD	7	1
2/20051203	AUSTIN BRIDGE & ROAD LP	REPLACE 1 COLD MILLING MACHINE	AUSTIN	\$71,121.73	\$483,780.00	14.4232	0.0115		\$4,931.07	REPLACEMENT	NON-ROAD	5	1
3/20051147	KBJ PARTNERSHIPS	REPLACE 1 TRACK LOADER	AUSTIN	\$33,229.42	\$194,446.88	6.1262	0.0035		\$5,424.18	REPLACEMENT	NON-ROAD	7	1
4/20051142	AUSTIN ENGINEERING COMPANY INC	REPLACE 1 WHEEL LOADER	AUSTIN	\$23,833.08	\$114,150.00	3.4573	0.0028		\$6,893.64	REPLACEMENT	NON-ROAD	5	1
5/20051139	K & K ENTERPRISES	REPLACE 3 WHEEL LOADERS	AUSTIN	\$42,403.05	\$383,772.77	3.6908	0.0030		\$6,999.98	REPLACEMENT	NON-ROAD	5	3
6/20051131	K B J PARTNERSHIP	REPLACE ONE WHEEL LOADER	AUSTIN	\$30,804.64	\$103,150.00	4.4688	0.0036		\$6,893.64	REPLACEMENT	NON-ROAD	5	1
7/20051121	SKINNER TRANSPORTATION INC	REPLACE 10 TRUCKS	AUSTIN	\$131,700.00	\$917,300.00	25.8107	0.0206		\$5,102.53	REPLACEMENT	ON-ROAD	5	10
8/20051120	BLAIR TRUCKING INC	REPLACE 3 TRUCKS	AUSTIN	\$121,675.00	\$291,000.00	17.3824	0.0139		\$6,999.99	REPLACEMENT	ON-ROAD	5	3
9/20051132	JACKSON TRUCKING	REPLACE 1 ON-ROAD TRUCK	AUSTIN	\$89,000.00	\$98,000.00	15.5181	0.0124		\$5,735.23	REPLACEMENT	ON-ROAD	5	1
10/20051136	RAY MCEACHERN	REPLACE 7 ON-ROAD TRUCKS	AUSTIN	\$99,000.00	\$302,443.00	24.655	0.0197		\$4,014.77	REPLACEMENT	ON-ROAD	5	7
11/20051075	ERNEST JUAREZ	REPLACE 2 HAUL TRUCKS	AUSTIN	\$54,000.00	\$96,632.00	10.9167	0.0087		\$4,946.55	RE-POWER	ON-ROAD	5	2
12/20051195	HAYS CONSOLIDATED INDEPENDENT SCHOOL DISTRICT	REPLACE 11 SCHOOL BUSES	AUSTIN	\$79,345.38	\$674,839.00	11.3351	0.0065		\$7,000.00	REPLACEMENT	ON-ROAD	7	11
13/20051305	COORS OF AUSTIN LP	REPLACE 10 TRUCKS	AUSTIN	\$90,180.25	\$600,000.00	11.4543	0.0065		\$7,000.00	REPLACEMENT	ON-ROAD	7	10
14/20051054	CAPITAL METROPOLITAN TRANSPORTATION AUTHORITY	RE-POWER 36 URBAN BUSES	AUSTIN	\$428,652.16	\$2,361,132.00	362.0303	0.2069		\$1,184.58	RE-POWER	ON-ROAD	7	36
15/20051045	CITY OF AUSTIN	SLOW FILL & FAST FILL CNG REFUELING STATION FOR CITY REFUSE TRUCKS	AUSTIN	\$205,000.00	\$400,000.00	29.303	0.0080		\$6,995.88	REFUELING INFRASTRUCTURE	ON-ROAD	10	2
16/20051043	BFI WASTE SERVICES OF TEXAS LP	REPLACE 6 ON-ROAD TRUCKS	AUSTIN	\$60,777.98	\$680,482.00	13.5061	0.0077		\$4,500.00	REPLACEMENT	ON-ROAD	7	6
AUSTIN TOTALS				\$1,810,107.23	\$7,897,893.00	595.8029	0.3592		\$3,038.10				

APPENDIX B

EAC Reporting Forms

Reports Enclosed:

Cities:

City of Austin

City of Bastrop

City of Elgin

City of Lockhart

City of San Marcos

Counties:

Bastrop County

Caldwell County

Hays County

Travis County

Williamson County

Agencies:

Capital Area Council of Governments

Capital Metropolitan Planning Organization

Capital Metropolitan Transportation Authority

Lower Colorado River Authority

Texas Commission on Environmental Quality

Texas Department of Transportation

City of Austin

Reported by: Pharr Andrews

482-5341

pharr.andrews@austinenergy.com

Emission Reduction Measure

<p>For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.</p>	<p>Has the program been implemented?</p>	<p>Reporting Information</p>				
<p>1. A/C Electric Load Shift Describe the shift schedule and include the number of kWh shifted.</p>	<p>Yes</p>	<p>TBD</p>				
<p>2. Airport Airside Incentives for Reduction of GSE Need Describe the status of the program.</p>	<p>Yes</p>	<p>This is a voluntary program but most airlines do participate. The major incentive is the current cost of fuel.</p>				
<p>3. Alternative Commute Infrastructure Describe the status of the program.</p>	<p>Yes</p>	<p>TBD</p>				
<p>4. Alternative Fuel Infrastructure for Shuttle Buses How many alternative fuel facilities have been installed?</p>	<p>Yes</p>	<p>We have one propane storage facility that is capable of dispensing fuel to landside airport users, airside airport users and the public.</p>				
<p>5. Alternative Fuels for Aviation Fleet Give the number (or percentage) of equipment converted to alternative fuel.</p>	<p>Yes</p>	<p>This is an on on going Department of Aviation measure. Currently the Department of Aviation has 16 pieces of equipment that operate on propane.</p>				
<p>6. Alternative Fuels for Shuttle Buses Give the number (or percentage) of buses using alternative fuel.</p>	<p>Yes</p>	<p>The Department of Aviation operates 100% of their shuttle buses on propane. We are not aware of any off-site shuttle buses using propane. Super shuttle may have some propane vehicles.</p>				
<p>7. Alternative Fuel Vehicles Give the number (or percentage) of vehicles using alternative fuel.</p>	<p>Yes</p>	<p>393 or 8.7%</p>				
<p>8. Cleaner Diesel for Fleets How many gallons of clean diesel have been purchased?</p>	<p>Yes</p>	<p>TBD</p>				
<p>9. Commute Solutions Programs</p>	<p>Yes</p>	<p>carpooling</p>	<p>vanpooling</p>	<p>teleworking</p>	<p>public transportation</p>	<p>flexible or compressed work week</p>
<p>9 a. Give the number of employees participating in each of the programs.</p>		<p>TBD</p>	<p>18</p>	<p>678</p>	<p>200</p>	<p>TBD</p>
<p>9 b. Give the average number of miles traveled while commuting.</p>		<p>23</p>	<p>23</p>	<p>23</p>	<p>23</p>	<p>23</p>

9 c. Give the number of days per week that the program is used.		1	1	1	1	1
10. Construction Contract Provisions for High Ozone Days Describe the status of the program.	NO	Development stage.				
11. Direct Deposit How many employees receive direct deposit?	Yes	10870				
11 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)		282620				
12. Drive-Thru Facilities on Ozone Action Days Describe the status of the program.	NO	Program in development stage.				
13. e-Government and Multiple Locations Describe the status of the program.	Yes	Multiple location and online services available.				
14. Electric or Alternative Fuel for Airport GSE Are you using alternative fuel* or electric power? *If alternative fuel is being used, report the number of gallons purchased.	NO					
15. Electric Utility Investments in Energy Demand Management Describe the status of the program.	Yes	Total reduction in peak kW demand savings in first 6 months of FY05 for Residential and Commercial DSM was 14,071,				
16. Energy Efficiency Beyond Senate Bills 5 & 7 Describe the status of the program and the % energy reduction beyond the SB5 requirement.	Yes	Same as above.				
17. Environmental Dispatch of Power Plants Describe the status of the program.	Yes	Capped total emissions				
18. Fleet Usage Efficiency Evaluation Describe the status of the program.	Yes	Development stage.				
19. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.	Yes	180 DAYS.				
20. Fueling Vehicles in the Evening Describe the status of the program.	Yes	All customers encouraged to fuel in evening.				
21. Low Emission Vehicles Report the number of LEVs purchased or the % of fleet vehicles that are categorized as LEVs.	Yes	10% purchased.				
22. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.	Yes	In practice since 1997				

<p>23. Ozone Action Day Education Program Describe the status of the program.</p>	<p>Yes</p>	<p>This program works to incorporate an air quality curriculum in AISD middle school science work plan. We are also working with elementary school to promote the anti idling message near schools.</p>
<p>24. Ozone Action Day Response Program Describe the public response program.</p>	<p>Yes</p>	<p>This program is designed to inform employees of an upcoming ozone action day and preventative actions to take on those days.</p>
<p>25. Resource Conservation Describe the status of the program.</p>	<p>Yes</p>	<p>Waste Conservation: 27,208 tons of waste diverted for the past 6 months. Energy Conservation: 14,071 KW in peak demand savings for 1st 6 months</p>
<p>26. Shaded Parking Describe the status of the program.</p>	<p>Yes</p>	<p>January 2003: The Landscape code was altered to require that a minimum of 80% of the trees required for parking lots be large shade producing trees from a newly created list of Native and Adapted Shade Trees. Additionally a minimum of 50% of the trees in non-parking lot areas are to be shade-providing trees from the same list. (Environmental Criteria Manual Section 2.4.2(C) Trees in Parking Lots, 2.4.1D)</p>
<p>27. Texas Low Emission Diesel (TxLED) for Fleets Report the number of vehicles using low emission diesel (TxLED) or the fleet % using TxLED or an equivalent.</p>		<p>May use TxLED during ozone months...</p>
<p>28. Transit-Oriented Development (TOD) Describe the program status.</p>	<p>Yes</p>	<p>City Council has approved the TOD Ordinance on second reading and will consider final approval on May 12, 2005. After approval an RFQ will be issued for Consultants to develop Station Area Plans for the six stations within the City of Austin's jurisdiction. Station Area Plans are anticipated to be complete by the first quarter of 2007.</p>
<p>29. Transportation Emission Reduction Measures (TERMs)</p>	<p>Yes</p>	<p>Reporting information will be submitted by CAMPO.</p>
<p>30. Tree Planting</p>	<p>Yes</p>	
<p>31. Urban Heat Island/Cool Cities Program Describe the status of the program.</p>	<p>Yes</p>	<p>The following programs are in progress: Light-Colored Roof Strategies, Incentive/Enforcement of Tree-Saving Ordinance, Ordinance mandating 50% Canopy Coverage with in 15 years for all new parking lots, Bus Stop Tree Shade Policy, Tree Mapping, and Expand City Tree Planting Program.</p>

City of Bastrop

Reported by: (Name)	(Phone)	(Email)
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Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information
1. Access Management How many roadway projects are employing this program?		
2. Alternative Commute Infrastructure Describe the status of the program.		
3. Cleaner Diesel for Fleets How many gallons of clean diesel have been purchased?		7930.55 gallons
4. Direct Deposit How many employees receive direct deposit?		63
4 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)		26
5. Emission Reductions in SEPs, BEPS and Similar Agreements Report the emission reduction achieved for any SEP implemented in the reporting area.		
6. Energy Efficiency Beyond Senate Bills 5 & 7 Describe the status of the program and the % energy reduction beyond the SB5 requirement.		
7. Expedited Permitting for VMT-Reducing Development Describe the status of the program.		
8. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.		
9. Open Burning Restrictions		
10. Ozone Action Day Education Program Describe the status of the program.		

11. Ozone Action Day Response Program Describe the public response program.		
12. Transportation Emission Reduction Measures (TERMs)		* Submit implementation status of each TERM to CAMPO
13. Tree Planting	32	

City of Elgin

Reported by: (Name)	(Phone)	(Email)
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Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information
1. Access Management How many roadway projects are employing this program?		All
2. Alternative Commute Infrastructure Describe the status of the program.	No	
3. Cleaner Diesel for Fleets How many gallons of clean diesel have been purchased?		2,100
4. Emission Reductions in SEPs, BEPS and Similar Agreements Report the emission reduction achieved for any SEP implemented in the reporting area.	No	
5. Expedited Permitting for VMT-Reducing Development Describe the status of the program.	No	
6. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.	Yes	No usage in reporting period
7. Ozone Action Day Education Program Describe the status of the program.	Yes	Newspaper & e-mail to Department Heads
8. Transportation Emission Reduction Measures (TERMs)	Yes	Park & Ride and Carts Programs
9. Tree Planting		

City of Lockhart

Reported by: Vance Rodgers

512-376-8149 vrodgers@lockhart-tx.org

Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information				
1. Commute Solutions Programs		carpooling	vanpooling	teleworking	public transportation	flexible or compressed work week
1 a. Give the number of employees participating in each of the programs.						
1 b. Give the average number of miles traveled while commuting.						
2. Direct Deposit How many employees receive direct deposit?	Y	92				
2 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)	Y	26				
3. Drive-Thru Facilities on Ozone Action Days Describe the status of the program.	Y	Ozone day notices to drive up banking facilities via e-mail				
4. Emission Reductions in SEPs, BEPS and Similar Agreements Report the emission reduction achieved for any SEP implemented in the reporting area.						
5. Fueling Vehicles in the Evening Describe the status of the program.	Y	All fueling at Municipal facilities is done after 4 pm and before 6 am unless it is an emergency				
6. Landfill Controls Report the landfill size.						
7. Landscaping Delay on High Ozone Days (Education Program) Describe the status of the program.	Y	Parks and Cemetery crews converting to battery units where possible and when schedules allow mowing starts after noon on high ozone days				

<p>8. Low Emission Vehicles Report the number of LEVs purchased or the % of fleet vehicles that are categorized as LEVs.</p>	Y	4%
<p>9. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.</p>	Y	Use thermoplastic in specification for new and water base paints for maintenance. Estimate 160 gallons used.
<p>10. Ozone Action Day Education Program Describe the status of the program.</p>	Y	All department heads are notified via e-mail the day before
<p>11. Resource Conservation Describe the status of the program.</p>		

City of San Marcos

Reported by: **Stephanie Garcia** 512-393-8106 (Email)

Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information
1. Direct Deposit How many employees receive direct deposit?	Yes	399
1 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)		10,374
2. e-Government and Multiple Locations Describe the status of the program.	Y	Increased availability of mapping and meeting materials; in the process of providing opportunities for people to pay utility bills online; also have software to allow people to register for Parks & Rec. programs online.
3. Fleet Usage Efficiency Evaluation Describe the status of the program.	N	
4. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.	Y	Six Months
5. Fueling Vehicles in the Evening Describe the status of the program.	N	
6. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.	Y	Zero VOC
7. Open Burning Restrictions	Y	
8. Ozone Action Day Education Program Describe the status of the program.	N	
9. Ozone Action Day Response Program Describe the public response program.	N	
10. Resource Conservation Describe the status of the program.	Y	Energy and Water Conservation

11. Transportation Emission Reduction Measures (TERMs)	N	* Submit implementation status of each TERM to CAMPO
12. Tree Planting	10 trees	

Bastrop County

Reported by: Gayle Wilhelm

512 332 7201

gwilhelm@bastropcounty.com

Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information				
1. Cleaner Diesel for Fleets How many gallons of clean diesel have been purchased?	No					
2. Commute Solutions Programs		carpooling	vanpooling	teleworking	public transportation	flexible or compressed work week
2 a. Give the number of employees participating in each of the programs.						48
2 b. Give the average number of miles traveled while commuting.						20
2 c. Give the number of days per week that the program is used.						
3. Direct Deposit How many employees receive direct deposit?	287					
3 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)	7462					
4. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.	yes	depts regularly have the vehicles serviced--rule of thumb every 3,000 miles				
5. Fueling Vehicles in the Evening Describe the status of the program.	yes	emergency vehicles are fueled when necessary--other dept recommended fueling at the end of day				
6. Ozone Action Day Education Program Describe the status of the program.	yes	notification of ozone action day posted in mail room				
7. Ozone Action Day Response Program Describe the public response program.	no					

Caldwell County

Reported by: (Name)	(Phone)	(Email)
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Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information
1. Direct Deposit How many employees receive direct deposit?	yes	130
1 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)		26
2. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.	yes	every 3000 miles
3. Fueling Vehicles in the Evening Describe the status of the program.	no	under review by Unit Road Dept
4. Low Emission Vehicles Report the number of LEVs purchased or the % of fleet vehicles that are categorized as LEVs.	yes	all new vehicles purchased will be low emission vehicles
5. Ozone Action Day Education Program Describe the status of the program.	Early Stage	See note
6. Ozone Action Day Response Program Describe the public response program.		Unable to measure

Hays County

Reported by: Jerry Borcharding

512-393-7385

jerry@co.hays.tx.us

Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information
1. Cleaner Diesel for Fleets How many gallons of clean diesel have been purchased?	Yes	48,160 gallons
2. Direct Deposit How many employees receive direct deposit?	Yes	441
2 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)		24 pay periods per year
3. e-Government and Multiple Locations Describe the status of the program.		
4. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.	Yes	heavy equipment - every 250 hours; heavy trucks - every 6000 miles; small trucks - every 3000 miles
5. Fueling Vehicles in the Evening Describe the status of the program.	Yes	Vehicles are fueled at 3 p.m.
6. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.	Yes	01/01/05 to 05/13/05 totals: 5500# white thermoplastic; 7300# yellow thermoplastic
7. Ozone Action Day Education Program Describe the status of the program.	yes	E-mail message with recommended actions is sent to employees.
8. Ozone Action Day Response Program Describe the public response program.		
9. Resource Conservation Describe the status of the program.		
10. Tree Planting		

Travis County

Reported by: Scheleen Walker, Air Quality Program Manager	512-854- 7219	scheleen.walker@co.travis.tx.us
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Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information				
1. Alternative Fuel Vehicles Give the number (or percentage) of vehicles using alternative fuel.	y	10 additional AFV in Travis County Fleet since Nov 1				
2. Cleaner Diesel for Fleets How many gallons of clean diesel have been purchased?	y	109,627 gallons Koch Gold				
3. Commute Solutions Programs	y	carpooling	vanpooling	teleworking	public transportation	flexible or compressed work week
3 a. Give the number of employees participating in each of the programs.						
3 b. Give the average number of miles traveled while commuting.						
3 c. Give the number of days per week that the program is used.						
4. Direct Deposit How many employees receive direct deposit?	y					
4 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)						
5. e-Government and Multiple Locations Describe the status of the program.	y	I-Jury still operating at the same level as last reports				
6. Fleet Usage Efficiency Evaluation Describe the status of the program.	y	same as last EAC report				

<p>7. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.</p>	y	
<p>8. Fueling Vehicles in the Evening Describe the status of the program.</p>	y	Travis County Fleet users are encouraged to fuel vehicles at the end of their work day, rather than at the beginning.
<p>9. Low Emission Vehicles Report the number of LEVs purchased or the % of fleet vehicles that are categorized as LEVs.</p>	y	21 additional LEVs since Nov. 1
<p>10. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.</p>	y	Low VOC Yellow Paint - 150 drums (55 gal each) Low VOC White Paint - 40 drums (55 gal each)
<p>11. Ozone Action Day Education Program Describe the status of the program.</p>	y	Ongoing. Hired Temp Employee to work with Air Quality Program Manager to design and kick-off OZAD Education Program. Program began in May. Commissioners Court requested 35 County Departments, representing 94 % of county's workforce (3,843) to assign Clean Air Advocate to assist with expanding the program during the 2005 Ozone Season.
<p>12. Ozone Action Day Response Program Describe the public response program.</p>	y	Hired Temp Employee to work with Air Quality Program Manager to design and kick-off OZAD Response Program. Program began in May. Commissioners Court requested 35 County Departments, representing 94 % of county's workforce (3,843) to assign OZAD Response Representatives to assist with implementing the program during the 2005 Ozone Season.

<p>13. Resource Conservation Describe the status of the program.</p>	y	<p>Installed window tinting on all windows of Executive Office Building (9 floors) and first floor level of University Saving Building (completed 5/17/05) Installed reflective roof coating at Executive Office Bldg (completed Dec 04) Replaced 246 traffic signal bulbs with more energy efficient LED bulbs (assumed 70 % energy reduction) In coordination with Energy Systems Lab at TX A&M and Austin Energy, submitted a grant application to SECO for DOE grant funding of a project to perform Continuous Commissioning on the CJC Building, an approximately \$91,200 effort that could result in enegy savings of ~20% for that bldg, or approximately \$149,000 per year. Recycled the following: Paper....335,784 lbs Alum.....380 lbs Oil.....2060 gallons We recycle the oil and then purchase the refined oil for all County vehicles Antifreeze...265 gallons We recycle the antifreeze and then purchase refined antifreeze. Before this program the antifreeze had to be removed from the County as a hazardous waste for \$1 per gallon. Iron 5820 lbs Scrap Metal... 143,200 lbs Batteries..... 168</p>
<p>14. Shaded Parking Describe the status of the program.</p>	y	same as last reports
<p>15. Texas Low Emission Diesel (TxLED) for Fleets Report the number of vehicles using low emission diesel (TxLED) or the fleet % using TxLED or an equivalent.</p>	y	none, as we only purchase Valero TxLED during a portion of the Ozone Season
<p>16. Transportation Emission Reduction Measures (TERMs)</p>	y	DONE * Submit implementation status of each TERM to CAMPO
<p>17. Tree Planting</p>	y	none
<p>Cut-back Asphalt Restrictions (using low VOC asphalt? Y/N)</p>	y	Travis County uses only LOW VOC asphalt HFRS2P - 34,461gal SS-1 - 64,686 gal
<p>Degreasing Requirements (compliance w/ state rule?)</p>	?	
<p>Locally Enforced Idiling Restriction</p>		Travis County staff have been working with the EACTF Idling Committee to draft the required MOA and Implementation Plan for this program.
<p>Low Emission Gas Cans (# cans purchased)</p>	?	

Stage 1 Vapor Recovery on Fuel Pumps	y	All Travis 5 County-owned fueling stations have been equipped with Stage 1 Vapor recovery systems
Texas Emission Reduction Program (TERP) Grants		none this reporting period
County Fleet Vehicle Inspection and Maintenance Program	n	County staff attended DPS Inspection Station I/M Workshop in February 2005. FY 05 budget includes funds to purchase TCEQ-certified inspection equipment for two county repair facilities.
County LIRAP Program	n	County staff have been working with DPS and TCEQ to design and implement this program by 9-1-05

Williamson County

Reported by: Annette Todd

512-260-4226 atodd@wilco.org

Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information
1. Cleaner Diesel for Fleets How many gallons of clean diesel have been purchased?	Y	Williamson County is only purchasing TXLED during ozone season
2. Direct Deposit How many employees receive direct deposit?	Y	1200 of 1700 employees receive direct deposit
2 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)		31,200 direct deposits per year
3. e-Government and Multiple Locations Describe the status of the program.	Y	The County Clerks office has all records on-line. Citizens may research birth and death certificates, deeds and all Commissioner Court documents
4. Fleet Usage Efficiency Evaluation Describe the status of the program.	Y	Williamson County has formed a committee to review fleet usage. The committee will be actively involved in the FY 06 budget process
5. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.	Y	All vehicles are serviced every 3000 miles
6. Fueling Vehicles in the Evening Describe the status of the program.	Y	Williamson County has a policy that vehicles must be refueled at the end of the work day (after 3 p.m) Emergency vehicles are not included
7. Low Emission Vehicles Report the number of LEVs purchased or the % of fleet vehicles that are categorized as LEVs.	Y	423 total vehicles, 350 LEV or ULEV (33 purchased in the last 6 months)
8. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.	Y	167,628 linear feet of Crown, Dobco and Ennis (all TXDOT approved)
9. Ozone Action Day Education Program Describe the status of the program.	Y	Articles in county-wide newsletter and employee education seminars
10. Ozone Action Day Response Program Describe the public response program.	Y	Ozone action days are posted on the County website

11. Resource Conservation Describe the status of the program.	Y	Paper recycling and energy conservation in all county building
12. Transportation Emission Reduction Measures (TERMs)	Y	* Submit implementation status of each TERM to CAMPO
13. Tree Planting	Y	

CAPCOG

Reported by: (Name)	(Phone)	(Email)
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Emission Reduction Measure

<p>For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.</p>	Has the program been implemented?	Reporting Information				
1. Commute Solutions Programs		carpooling	vanpooling	teleworking	public transportation	flexible or compressed work week
1 a. Give the number of employees participating in each of the programs.	Y					
1 b. Give the average number of miles traveled while commuting.	Y					
1 c. Give the number of days per week that the program is used.	Y					
2. Direct Deposit How many employees receive direct deposit?	Y					
2 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)						
3. Ozone Action Day Education Program Describe the status of the program.	Y					
4. Ozone Action Day Response Program Describe the public response program.	Y					
5. Resource Conservation Describe the status of the program.	Y					

CAMPO

Reported by: Candace Baker

974-2778

candace.baker@campotexas.org

Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information				
1. Commute Solutions Programs	Y	carpooling	vanpooling	teleworking	public transportation	flexible or compressed work week
1a. Give the number of employees participating in each of the programs.		5		6		
1b. Give the average number of miles traveled while commuting.						
1 c. Give the number of days per week that the program is used.		3		1		
2. Ozone Action Day Education Program Describe the status of the program.	Y	Employees are educated on background, impact, and solutions regarding air quality and OZADs.				
3. Ozone Action Day Response Program Describe the public response program.	Y	No meetings before 10 on OZADs, Work at home til 10 on OZADs. Employees encouraged to reduce SOV commute mileage/trips on OZADs				
4. Transportation Emission Reduction Measures (TERMs) Approval	Y	* Will send to CAPCOG				

Capital Metro

Reported by: Brad Ehlers	(Phone)	(Email)
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Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information				
1. Alternative Fuel Vehicles Give the number (or percentage) of vehicles using alternative fuel.	Y					
2. Cleaner Diesel for Fleets How many gallons of clean diesel have been purchased?	Y					
3. Commute Solutions Programs	Y	carpooling	vanpooling	teleworking	public transportation	flexible or compressed work week
3 a. Give the number of employees participating in each of the programs.						
3 b. Give the average number of miles traveled while commuting.						
3 c. Give the number of days per week that the program is used.						
4. Direct Deposit How many employees receive direct deposit?	Y					
4 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)						
5. e-Government and Multiple Locations Describe the status of the program.	Y					
6. Expedited Permitting for VMT-Reducing Development Describe the status of the program.	Y					
7. Fleet Usage Efficiency Evaluation Describe the status of the program.	Y					

8. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.	Y	
9. Fueling Vehicles in the Evening Describe the status of the program.	Y	
10. Low Emission Vehicles Report the number of LEVs purchased or the % of fleet vehicles that are categorized as LEVs.	Y	
11. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.	Y	
12. Ozone Action Day Education Program Describe the status of the program.	Y	
13. Ozone Action Day Response Program Describe the public response program.	Y	
14. Resource Conservation Describe the status of the program.	Y	
15. Transit-Oriented Development (TOD) Describe the program status.	Y	
16. Transportation Emission Reduction Measures (TERMs)	Y	* Submit implementation status of each TERM to CAMPO

LCRA

Reported by: Declan O'Cleirigh 473-3200, ext.2828 (Email): docleiri@lcra.org

Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information
1. Alternative Commute Infrastructure Describe the status of the program.	Y	LCRA has shower facilities available, bike racks for 10 bicycles and will have car/vanpool spaces designated by July 1, 2005 .
2. Cleaner Diesel for Fleets How many gallons of clean diesel have been purchased?	Y	LCRA purchased Diesel Gold for its service center in 2003 and will reevaluate the purchase of Tx LED when it becomes available by pipeline in the Austin area.
3. Direct Deposit How many employees receive direct deposit?	Y	1690
3 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)		52 payments deposited per employee per year (pay and expenses)
4. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.	Y	LCRA's fleet assets are serviced regularly and are properly maintained in accordance to equipment manufacturer specifications. On road vehicles are generally serviced every 3 months or 3,000 miles.
5. Fueling Vehicles in the Evening Describe the status of the program.	Y	LCRA is encouraging employees to refuel fleet vehicles in the evening, when possible, through awareness announcements and by incorporating refueling policies into a Fleet Management Procedures document.
6. Low Emission Vehicles Report the number of LEVs purchased or the % of fleet vehicles that are categorized as LEVs.	Y	353 vehicles (37%)
7. Low VOC Roadway Striping Report the type of low VOC material and the average amount used. Be sure to include units.		Not an LCRA ERM
8. Ozone Action Day Education Program Describe the status of the program.	Y	Annual employee ozone action awareness program implemented at start of ozone season. Action reminders sent to employees with ozone action day alerts.
9. Ozone Action Day Response Program Describe the public response program.	Y	Back up generators not tested on ozone action days; landscaping activities performed using non-gasoline powered engines; etc.
10. Resource Conservation Describe the status of the program.	Y	LCRA recycles paper, cardboard, scrap metal cans, and plastic bottles. LCRA also installed a 20 kilowatt photovoltaic system at its Service Center.

11. Shaded Parking Describe the status of the program.	Y	LCRA has over 350 covered parking spaces.
12. Transportation Emission Reduction Measures (TERMs)		See 1 above
13. Tree Planting	Y	

TCEQ

Reported by: James Voelker

512-239-3182 jvoelker@tceq.state.tx.us

Emission Reduction Measure

<p>For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.</p>	<p>Has the program been implemented?</p>	<p>Reporting Information</p>				
<p>1. Alternative Commute Infrastructure Describe the status of the program.</p>	<p>Y</p>	<p>The TCEQ has an existing Commute Solutions program that promotes alternatives to the single-passenger commute. This program provides information to employees regarding teleworking, and ridesharing opportunities through carpools and vanpools.</p>				
<p>2. Alternative Fuel Vehicles Give the number (or percentage) of vehicles using alternative fuel.</p>	<p>Y</p>					
<p>3. Commute Solutions Programs</p>		<p>carpooling</p>	<p>vanpooling</p>	<p>teleworking</p>	<p>public transportation</p>	<p>flexible or compressed work week</p>
<p>3 a. Give the number of employees participating in each of the programs.</p>		<p>90</p>	<p>90</p>	<p>93</p>		<p>300</p>
<p>3 b. Give the average number of miles traveled while commuting.</p>		<p>22.6</p>	<p>22.6</p>	<p>22.6</p>		<p>22.6</p>
<p>3 c. Give the number of days per week that the program is used.</p>		<p>4.5</p>	<p>4.5</p>	<p>1</p>		<p>1</p>
<p>4. Direct Deposit How many employees receive direct deposit?</p>	<p>Y</p>	<p>1800</p>				
<p>4 a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)</p>		<p>12</p>				
<p>5. e-Government and Multiple Locations Describe the status of the program.</p>						
<p>6. Fleet Vehicle Maintenance Report the average time between two scheduled maintenance services.</p>	<p>Y</p>					

7. Ozone Action Day Education Program Describe the status of the program.	Y	
8. Ozone Action Day Response Program Describe the public response program.	Y	
9. Resource Conservation Describe the status of the program.	Y	
10. Shaded Parking Describe the status of the program.	Y	One parking garage provides shaded spaces for three stories of parking. One lot has a significant number of spaces shaded by trees.
11. Transportation Emission Reduction Measures (TERMs)		* Submit implementation status of each TERM to CAMPO

TxDOT-Austin

Reported by: Jenny Peterman

512-832-7039 jpeterm@dot.state.tx.us

Emission Reduction Measure

For all CAAP emission reduction measures that have been implemented, please enter a Y (yes) in the column to the right. Enter additional information in the Reporting Information column.	Has the program been implemented?	Reporting Information				
1. Alternative Fuel Vehicles Give the number (or percentage) of vehicles using alternative fuel.	153					
2. Commute Solutions Programs		carpooling	vanpooling	teleworking	public transportation	flexible or compressed work week
2 a. Give the number of employees participating in each of the programs.		30	0	0	3	0
2 b. Give the average number of miles traveled while commuting.		34			12	
2 c. Give the number of days per week that the program is used.		4.4			5	
3. Direct Deposit How many employees receive direct deposit?	498					
3a. Estimate the number of payments direct deposited per year per employee. (e.g. Bimonthly-26 payments)	12					
4. Fleet Usage Efficiency Evaluation Describe the status of the program.						
5. Low VOC Roadway Striping Give the average amount of low VOC striping material used.	yes	approximately 7 million linear feet				
6. Ozone Action Day Education Program Describe the status of the program.	yes	E-mails to all employees				
7. Ozone Action Day Response Program Describe the public response program.	yes	Post message on changeable message sign; don't mow grounds; send e-mail to all employees				
8. Resource Conservation Describe the status of the program.						
9. Transportation Emission Reduction Measures (TERMs)	57	* Submit implementation status of each TERM to CAMPO				
10. Tree Planting	yes					

APPENDIX C

Letter from CAC to TCEQ



Capital Area Council of Governments
2512 S. IH 35, Suite 200
Austin, TX 78704

December 14, 2004

Clean Air Coalition:

Chairman
Mayor Will Wynn
City of Austin

Vice-Chair
Mayor Ray Sanders
City of Lockhart

Judge Samuel Biscoe
Travis County

Commissioner Greg
Boatright
Williamson County

Mayor Eric Carlson
City of Elgin

Mayor Mike Hendricks
City of Luling

Mayor Nyle Maxwell
City of Round Rock

Judge Ronnie McDonald
Bastrop County

Mayor Susan Narvaiz
City of San Marcos

Judge Jim Powers
Hays County

Mayor Tom Scott
City of Bastrop

Judge H. T. Wright
Caldwell County

Ms. Kathleen Hartnett White, Chairman
Commissioner R.B. "Ralph" Marquez
Commissioner Larry R. Soward
Texas Commission on Environmental Quality
P.O. Box 13087, MC 100
Austin, TX 78711

Dear TCEQ Commissioners:

We write in response to your actions during the November 17 Agenda meeting. Thank you for your unanimous support of the state rules and State Implementation Plan revision related to our region's Early Action Compact. We appreciate your work and that of TCEQ staff on this effort. We realize that our work is not done simply because the plan is adopted. We are happy to be able to move forward into the implementation phase of this process. We look forward to partnering with you in the future to ensure the state-adopted emission reduction measures are properly implemented and enforced.

We note that, after lengthy discussion, the Commission inserted the following language into the SIP at the time of adoption:

"The TCEQ is committed to continue to work with local stakeholders to find additional measures that can be implemented to further reduce ozone forming emissions, including the possibility of initiating a point sources balancing program."

We appreciate the Commission's commitment to continue working with our region to further reduce ozone-forming emissions and ensure attainment of the 8-hour ozone standard. At this point in time, the Central Texas Clean Air Coalition has decided to focus our attention on implementing the adopted SIP. We will work on additional emission reduction measures as deemed necessary through the continuing planning process outlined in Section 6.2 of the AUSTIN AREA EARLY ACTION COMPACT OZONE STATE IMPLEMENTATION PLAN REVISION, as well as submit bi-annual reports that track new emissions in the region. We look forward to working with you to ensure that the SIP and the continuing planning process are successful.

We remain concerned that future major point source NOx emissions could negate most or all of the reductions our region can expect from the measures you adopted on November 17. As such, our region could find itself in a position where we must identify offsets for these increased NOx emissions "after the fact." We trust you will keep this in mind as TCEQ moves forward to address the 8-hour ozone standard throughout the state.

Sincerely,

Mayor Will Wynn, Chair

Mayor Ray Sanders, Vice-Chair