

Compiled list of local measures under consideration by EAC areas reported in December 31, 2003 progress reports

EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	1.4	Implement Gas Cap Replacement Program	Holding gas cap replacement fairs.			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	2.1	Implement Leak Detection and Repair Programs	Other natural gas industry emissions reductions--Initiate or improve leak detection & repair programs			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	3.1	Ban or Restrict Open Burning and Other High-Emission Activities on Ozone Action Days	Mitigate impacts of fire--Restriction to not allow burning on forecasted high ozone days		no later than 12/31/05	
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	4.3	Use of Low-Sulfur Fuels	Early introduction of low sulfur fuel--Work w/ refiners & gasoline marketers servicing area & encourage them to provide low sulfur fuel before 2007		By 2004 or 2005 summer season	
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	4.2	Use of Low Reid Vapor Pressure	Reid Vapor Pressure reduction program--Consider lowering the regulatory RVP limit to 8.5, 8.2 or 7.8 psi; voluntary RVP reduction through partnership w/ petroleum refining industry			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	Implement high-emitter identification, repair & enforcement program--Identify vehicles currently operating in a high HC emitting mode. Owner can be notified to bring vehicle in for confirmatory test. Failing vehicle would be required to be repaired.		By 12/31/05	
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	8.3	Implement and/or Expand Vehicle Inspection & Maintenance Programs	Improve effectiveness of I/M program--Require more frequent vehicle testing. Cost/payment for additional testing would have to be negotiated w/ current emissions testing.		By 12/31/05	
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	10.1	Implement and Publicize an Ozone Action Day Program	Conduct Summer Ozone Program--Issue ozone alerts			

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1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	11	Support and/or Expand Existing Federal and State Air Quality Programs	Currently planned, enforceable reductions at point sources--Determine facilities currently required through agreement w/ State and/or federal govt. to achieve specific, scheduled emissions reductions & apply the reductions to modeling effort in appropriate timeframe			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	2.1	Implement Leak Detection and Repair Programs	Initiate or improve leak detection & repair programs			RAQC and APCD monitored and participated in contractor's development of emission inventories and running of the photochemical model. Contractor has produced 2002 and 2007 base case emission inventories and modeling results, as well as 2007 screening modeling or potential control measures. Additional modeling will be performed in Jan. 2004 until attainment is demonstrated. [12/03 progress report not on website]
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	3.1	Ban or Restrict Open Burning and Other High-Emission Activities on Ozone Action Days	Restriction to not allow burning on forecasted high ozone days			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	4	Increase the Use of Modified Fossil Fuels	Work w/ refiners & gasoline marketers servicing area & encourage them to provide the low sulfur fuel sooner than 2007			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	4.2	Use of Low Reid Vapor Pressure Fuels	Reid Vapor Pressure reduction program Consider lowering the regulatory RVP limit to 8.5, 8.2 or 7.8 psi			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	Identify vehicles currently operating in a high HC emitting mode. Owner can be notified to bring this vehicle in for a confirmatory test. Failing vehicle would be required to be repaired before returning to use			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	8.3	Implement and/or Expand Vehicle Inspection and Maintenance Programs	Enforcement mechanism to require vehicles to be tested more frequently. Cost/payment for the additional testing would have to be negotiated w/ current emissions testing contractor			

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1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	11	Support and/or Expand Existing Federal and State Air Quality Programs	Determine those facilities currently required through agreement w/ the state +/- federal government to achieve specific, scheduled emissions reductions & apply those reductions to the modeling effort in the appropriate timeframe			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	11.6	Require BACT on Major Emission Sources	Review APENs files for affected sources' emissions & current control levels. Request additional source information w/ source owner/operator			
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties	14.2	Control NOx Emissions from Combustion Processes	Work w/ oil & gas industry representatives on flash emissions control		By 12/21/05	
1	Denver Area--Colorado	Boulder County (excluding Rocky Mtn. Natl. Park), City/County of Broomfield), Adams and Arapahoe Counties (part west of Kiowa Creek, excludes extreme eastern portion of counties), Jefferson, and Denver Counties						
2	Shreveport-Bossier City, LA	Bossier, Caddo and Webster parishes	10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Develop air quality pages in City of Shreveport web site		May-03	
2			10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Public education program-use measures/actions thru ozone season; episodic - measures/actions on predicted elevated ozone days		May-03	
2		Bossier and Caddo parishes	8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Synchronize or improve traffic signal operations, Since 2000, 27 intersections have been upgraded; another 35 planned in 2004.	Nox - 0.002 TPD	2002-2004	
2		Bossier, Caddo and Webster parishes	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Establish new emission control measures to be enforced if 8 hr standard is violated		Contingent on exceeding 8 hr	
2		Caddo parish	8	Reduce Emissions from Vehicles	On 10/7/03, GM new VOC abatement system	VOC-400-500 TPY	2003-2005	
2		Bossier and Caddo parishes	14.2	Control NOx Emissions from Combustion Processes	Permit modification submitted to reduce emissions from above PSD levels to below major source levels at a power plant	Nox-2.56 TPD; VOC-0.135 TPD	2005	
2		Caddo parish	5.3	Increase the Use of LEV and SULEV Vehicles	Using compresses or liquified natural gas, methanol, ethanol, propane	Nox-0.008 TPD; VOC-0.01 TPD	2005	

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2		Bossier and Caddo parishes	5	Expand the Use of Alternative Fuels and Energy Sources	Participate in Clean Cities program sponsored by DOE. This supports public and private partnerships that deploy alternative fuel vehicles	Nox; VOC- each -0.00008 TPD	2003	
2		Caddo parish	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Installed gas collection system on city landfill-gas is piped to local GM plant		Nov-03	
2		Caddo parish	6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Install energy conservation equipment in 33 city buildings		2004	
3	Washington County-Maryland	Washington County	1.2	Implement State II Vapor Recovery Program	State Control Measures (OTR measures)-Stage II Controls			
3	Washington County-Maryland	Washington County	3.2	Reduce or Time-Shift Vehicle Travel and Use of Off-Road Vehicles on Ozone Action Days	Delivery times outside peak travel time periods			
3	Washington County-Maryland	Washington County	3.4	Shift Construction Work and Lawn Mowing to Afternoon Periods	Refueling in evening hours. Limits on Use of construction activities-restrictions on days, hours, OAP, etc.			
3	Washington County-Maryland	Washington County	4	Increase the Use of Modified Fossil Fuels	Other Mobile Source (Off Road)-Programs to promote the use of lower polluting fuels for off road mobile equipment. Programs can be voluntary, mandatory, or incentive-based.			
3	Washington County-Maryland	Washington County	4.1	Use Reformulated Gasoline and/or Bio-Fuels	State Control Measures (OTR measures)-Expansion of reformulated gasoline to Washington County			
3	Washington County-Maryland	Washington County	4.2	Use of Low Reid Vapor Pressure Fuels	State Control Measures (OTR measures)-Mandate low RVP			
3	Washington County-Maryland	Washington County	5.3	Increase the Use of LEV and SULEV Vehicles	ULEV and SULEV vehicles as replacements for existing standard vehicles or fleet expansions			
3	Washington County-Maryland	Washington County	7.2	Implement a Smart Growth Program	Smart Growth Management			
3	Washington County-Maryland	Washington County	8	Reduce the Emissions from Vehicles	Engine Retrofits-replacing or reworking of older higher emitting engines with newer lower emitting parts. Replacement of older higher emitting vehicles with newer lower emitting vehicles.			
3	Washington County-Maryland	Washington County	8.1	Implement Programs to Increase Fleet Turnover to Newer Vehicles	Accelerated Fleet Replacement Cycles			
3	Washington County-Maryland	Washington County	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Transit Service Expansions (geographic, service frequency, other). Public transit infrastructure. Busing/rail/transit incentive programs offered to employees by employers.			
3	Washington County-Maryland	Washington County	9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Flextime/Alternative Work Schedules (hours, days, weeks). Employer voluntary adjustment of work schedules and/or credit for employer plans to adjust work schedules to reduce peak travel.			
3	Washington County-Maryland	Washington County	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Primary local organization responsible for EAC activities is the Washington Co. Dept. of Planning and Community Development with assistance from MDE and MDOT. Lead contact is Stephen Goodrich, Acting Planning Director with the County Planning Dept.			

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3	Washington County–Maryland	Washington County	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Outreach will include several of the following techniques: public meetings, presentations, stakeholder meetings, websites, print advertising and radio			
3	Washington County–Maryland	Washington County	11.2	Expand Controls of Facilities Beyond Existing State Requirements	Stationary Sources–Voluntary or mandatory reduction programs to achieve emissions reductions greater than existing emissions reduction requirements			
3	Washington County–Maryland	Washington County	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Stationary Sources–NOx and/or VOC reductions by specific permitted and un-permitted sources.			
3	Washington County–Maryland	Washington County						VA, WV, and MD are combining resources to complete EAP modeling exercise. Will use 1999 National Emissions Inventory for base case modeling. 1999 NEI uses both MOBILE6 and NONROAD model. Emissions pre-processing will use SMOKE model; output will be input into photochemical model. Will use MM5 meteorological model and photochemical model MODELS3/CMAQ. Modeling domain covers EAP areas in VA, WV, and MD. Will model ozone episode in 1999 as base year (8/12-8/13, 1999. For more detailed information on modeling, see
3	Washington County, Maryland	Washington County	11	Support and/or Expand Existing Federal and State Air Quality Programs	Existing control measures in Washington County: NSR, Enhanced I/M, VOC and NOx RACT,			
4	San Juan County–New Mexico	San Juan County						Inventory and modeling work has continued. Modeling Protocol finalized on 6/16/03 and reviewed by Technical Peer Review Committee. Documents available at: http://www.nmenv.state.nm.us/ozonetf . 12/03 progress report can be found at: http://www.epa.gov/ttn/naaqs/ozone/eac/eac_r6.htm #NM_SanJuan.
4	San Juan County–New Mexico	San Juan County	10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Seminars, Open Houses, Public Meetings, EAC update presentations, conference calls for stakeholders and interested parties. Press coverage in local newspapers.*			
4	San Juan County–New Mexico	San Juan County	10.2	Establish a Point-of-Contact and Support for Stakeholders and the Public to Obtain Air Quality and Other Environmental Issues	Addition of 2 websites on ozone. Ongoing communication with EAC signatories, Task Force, Technical Peer Review Committee, and the public.*			
4	San Juan County–New Mexico	San Juan County	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Using city, county and state governments to educate their fleet drivers.			
4	San Juan County–New Mexico	San Juan County	10.4	Develop and Implement a Student Outreach Program	NMED applied for and received an EPA Environmental Education grant to produce a children's activity book about ground-level ozone and air quality. Work has begun on content and design of book.*			
4	San Juan County–New Mexico	San Juan County	1.2	Implement Stage II Vapor Recovery Program	Stage II gasoline vapor recovery regulations			
4	San Juan County–New Mexico	San Juan County	1.3	Use New Low-Emission Fuel Containers	Lawn & garden equipment & boats - low emission gas cans			
4	San Juan County–New Mexico	San Juan County	2	Modifications in Equipment Design, Operating Procedures and Practices	Incentives for retrofit of generators for peak power units			
4	San Juan County–New Mexico	San Juan County	3	Seasonal, Ozone Action Day and Time-of-Day Scheduling Strategies	Limiting or shifting hours for government workers			
4	San Juan County–New Mexico	San Juan County	3.2	Reduce or Time-Shift Vehicle Travel and Use of Off-Road Vehicles on Ozone Action Days	Time-of-day/congestion parking pricing			

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4	San Juan County--New Mexico	San Juan County	4.1	Use Reformulated Gasoline and/or Bio-Fuels	Reformulated gasoline			
4	San Juan County--New Mexico	San Juan County	6	Reduce Energy Demand through Conservation and Energy Efficiency	Broad-based energy & resource efficiency programs			
4	San Juan County--New Mexico	San Juan County	6	Reduce Energy Demand through Conservation and Energy Efficiency	No net emissions increase from future gas wells in the San Juan Basin			
4	San Juan County--New Mexico	San Juan County	7	Reduce Air Quality Impacts through Better Land Use Management	Moratorium on new construction or expansion of power generation plants			
4	San Juan County--New Mexico	San Juan County	7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Tree planting			
4	San Juan County--New Mexico	San Juan County	7.2	Implement a Smart Growth Program	Land use & transit-oriented development			
4	San Juan County--New Mexico	San Juan County	8	Reduce the Emissions from Vehicles	Legalization of after-market emission reduction technologies			
4	San Juan County--New Mexico	San Juan County	8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	Clean screening & high-emitter detection w/ remote sensing			
4	San Juan County--New Mexico	San Juan County	8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	Credits for scrapping old automobiles			
4	San Juan County--New Mexico	San Juan County	8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	Emission check buy-out			
4	San Juan County--New Mexico	San Juan County	8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	Expanded or enhanced credits for purchase/replacement of vehicles/engines			
4	San Juan County--New Mexico	San Juan County	8.3	Implement and/or Expand Vehicle Inspection and Maintenance Programs	I/M programs			
4	San Juan County--New Mexico	San Juan County	8.3	Implement and/or Expand Vehicle Inspection and Maintenance Programs	More efficient & discerning methods for I/M procedures			
4	San Juan County--New Mexico	San Juan County	8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Traffic control measures to reduce congestion-related emissions			
4	San Juan County--New Mexico	San Juan County	8.6	Implement Retrofit Programs for Diesel Engines	Incentives for retrofits for revised fuels or technologies to improve diesel operations			
4	San Juan County--New Mexico	San Juan County	8.6	Implement Retrofit Programs for Diesel Engines	Incentives or credits for modifying diesel vehicle operation			
4	San Juan County--New Mexico	San Juan County	9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Connected street system or pedestrian pass-through			
4	San Juan County--New Mexico	San Juan County	9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Market-based shuttle van transit systems			
4	San Juan County--New Mexico	San Juan County	9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	eGovernment & improved accessibility to services			
4	San Juan County--New Mexico	San Juan County	9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Employer tax incentives or credit programs for encouraging telecommuting or commuter alternatives			
4	San Juan County--New Mexico	San Juan County	9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Voluntary employer incentives			
4	San Juan County--New Mexico	San Juan County	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Using city, county & state governments to educate their fleet drivers			
4	San Juan County--New Mexico	San Juan County	11	Support and/or Expand Existing Federal and State Air Quality Programs	Emission-trading program			

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4	San Juan County--New Mexico	San Juan County	11	Support and/or Expand Existing Federal and State Air Quality Programs	Provide for analysis of present site deterioration & enforcement of all applicable laws			
4	San Juan County--New Mexico	San Juan County	11	Support and/or Expand Existing Federal and State Air Quality Programs	Self-audit & cleanup incentives			
4	San Juan County--New Mexico	San Juan County	11.2	*** Expand Controls on Facilities Beyond Existing State Requirements	More stringent permit requirements for major sources			
4	San Juan County--New Mexico	San Juan County	12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Have industrial sources of NOx & VOCs work proactively w/ the State			
4	San Juan County--New Mexico	San Juan County	12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Have the state work proactively w/ the local governments			
4	San Juan County--New Mexico	San Juan County	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Evaluation of VOC emission control technologies for gas wells in San Juan county, followed by partial or full application of feasible technologies			
4	San Juan County--New Mexico	San Juan County	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Industry-wide emission standards			
4	San Juan County--New Mexico	San Juan County	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	VOC control regulations			
4	San Juan County--New Mexico	San Juan County	14.2	Control NOx Emissions from Combustion Processes	NOx control regulations			
4	San Juan County--New Mexico	San Juan County	14.2	Control NOx Emissions from Combustion Processes	Promotion of new or additional clean-burn technologies for power generation plants & evaluation of the technologies applicability in San Juan county			
4	San Juan County--New Mexico	San Juan County	15	Reduce the Emissions from Non-road Vehicles and Related Equipment	Incentives for adopting new technologies			
5	Fayetteville, NC	Cumberland County	7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Require landscaping of major nonresidential developments		Dec-05	
5			7.2	Implement a Smart Growth Program	Conduct a benchmark land use assessment and compare with Smart Growth policies		Dec-05	
5			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Add a mixed-use alternative to zoning ordinance including sidewalks and bike paths		Dec-05	
5			7	Reduce Air Quality Impacts through Better Land Use Management	Promote infill and brownfield development in urban areas; strengthen downtown area		ongoing	
5			7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Shared parking facilities and connectivity		Dec-05	
5			7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	NC Forest Service seeking grant funding to plant at least 100 trees; Public Works Commission -policies to maintain tree coverage in watershed areas and seek to expand land acquisition		Ongoing	
5			4.1	Use Reformulated Gasoline and/or Bio-Fuels	Fort Bragg has developed a plan to convert its fleet to Biodiesel 20 and ethanol E%; 185 vehicles converted to B20:		Dec-05	
5			8.5	Restrict the Idling Time of Vehicles	Festival park to add electrical outlets to reduce truck idling during festivals		Oct-05	

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5			8.6	Implement Retrofit Programs for Diesel Engines	Fort Bragg has submitted a grant application to receive funding to retrofit school buses.		Spring 2004	
5			3.1	Ban or restrict open burning on ozone action days	Assist NCDQA in distributing outreach material targeted to reduce open burning		ongoing	
5			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	New area wide closed loop signal system; dynamic message signs will be installed at congested intersections/corridors		2004	
5			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Redesign transit routes; increase frequency of transit services; Firt Bragg shuttle service		Dec-05	
5			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Develop database to connect riders; advertise vanpools and carpools programs by transit provider; expand rural transportation to connect outlying areas		Dec-04	
5			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	FAST and private transportation providers provide shuttle at nominal cost; Fort Bragg provides internal transportation		Ongoing	
5			5	Expand the Use of Alternative Fuels and Energy Sources	Landfill produces methane; encourage residents and businesses to support NC Green Power		ongoing; spring 2004	
5			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Evaluate and upgrade building equipment an material to increase energy efficiency		Dec-04	
5			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Fort Bragg- increase use of water-based paints; installed a paint booth which only uses water-based paints; looking at alternatives to incinerators		Ongoing	
5			10.4	Develop and Implement a Student Outreach Program	ongoing effort using the globe program; classroom presentations		ongoing	
5			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Provide information on air quality at festivals, fairs, community meetings		ongoing	
5			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Participate in TV programs; advertise meetings in local newspapers		ongoing	
5			10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Maintain and update air quality web page		ongoing	
5			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Promote bus ridership for youth		summer 2003	
5			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Air quality handouts at library; children's summer program		ongoing	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	5	Expand the Use of Alternative Fuels and Energy Sources	Replace, as needed, gasoline-powered vehicles for on-road fleets with hybrid or alternatively-fueled vehicles.	Quantifiable	Beginning January 2004	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	15	Reduce the Emissions from Non-Road Vehicles and Related Equipment	Replace, as needed, vehicles in non-road diesel fleets and gasoline-powered equipment. Purchase vehicles with new engine technology. Purchase equipment meeting California standards.	Quantifiable	Beginning January 2004	

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7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	8	Reduce the Emissions from Vehicles	Replace, as needed, vehicles in heavy duty non-road diesel fleets with vehicles with new engine technology.	Quantifiable	Beginning January 2004	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	15	Reduce the Emissions from Non-Road Vehicles and Related Equipment	Specify emission reductions for heavy duty off-road equipment in construction contracts	Quantifiable	October-November 2004	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Promote carpooling, add bus stops, promote purchase of mass transit passes or allowances, improve existing transit systems with shelters, web based schedules, etc. Federal tax credit for employer offered tax-free transit/vanpool benefits.	Nonquantifiable	Beginning January 2004	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Increase ridership on municipal and regional bus services, create park & ride lots, expand ride sharing and vanpooling program.	Quantifiable	Beginning January 2004	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	14.2	Control NOx Emissions from Combustion Processes	Use updated and most likely conditions for stationary emissions sources to model emissions. Will improve the accuracy of the model. Remove from future projected source inventory any businesses that have closed.	Quantifiable	Ongoing	
7	Triad Area -- North Carolina	Forsyth County	14.2	Control NOx Emissions from Combustion Processes	Facility in county will eliminate use of coal-fired burners.	Tons per day estimated reductions: 2004--5.44; 2005--5.44; 2006--0.72; 2007--0.72; 2008--0.72	Begin before 2004 ozone season	
7	Triad Area -- North Carolina	Guilford County	8.5	Restrict Idling Time of Vehicles	Facility in county will not allow delivery vehicles to idle in shipping and receiving area during deliveries or pick ups.	Quantifiable	2001-2003	
7	Triad Area -- North Carolina	Guilford County	6.3	Implement Energy Efficiency in the Operation and Design of Facilities and in the Purchase and Use of Equipment	Facility instituted temperature adjustments in building; improved efficiency of boiler operations, preventive maintenance on boilers.	Quantifiable. Reductions will not be significant but support overall direction of EAC strategies.	2001-2003	
7	Triad Area -- North Carolina	Randolph County	8	Reduce the Emissions from Vehicles	Facility reduced fleet of vehicles by 57%.	Quantifiable. Reductions will not be significant but support overall direction of EAC strategies.	Complete	
7	Triad Area -- North Carolina	Randolph County	5.2	Convert Off-Road Vehicles and Other Equipment Engines to Electric or Propane	Facility converted 90% of fork lifts to battery power.	Quantifiable. Reductions will not be significant but support overall direction of EAC strategies.	Complete	
7	Triad Area -- North Carolina	Randolph County	3	Seasonal, Ozone Action Day, and Time-of-Day Scheduling Strategies	Facility will use small natural gas-powered emergency generators during ozone season. Will test diesel powered pumps in morning hours.	Quantifiable. Reductions will not be significant but support overall direction of EAC strategies.	Complete June 2004	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	8.5	Restrict Idling Time of Vehicles	Mobile meter reading program will reduce number of pick-up trucks per day that would be idling or running. Reduce idling time of diesel truck engines and gasoline truck engines.	Estimated reduction of 1308 lbs. NOx per ozone season (meter reading program). Estimate 133 diesel and 483 gasoline truck engines reduce 30 mins. Per day of idling.	Meter reading program complete. Truck idling summer 2004	
7	Triad Area -- North Carolina	Statewide	3.1	Ban or Restrict Open Burning and Other High-Emission Activities on Ozone Action Days	Enforce and strengthen open burning restrictions on Ozone Action Days.	Quantifiable	2004	
7	Triad Area -- North Carolina	Southeast	4.3	Use of Low-Sulfur Fuels	Regional initiative to bring ultra-low sulfur fuels to southeast earlier than scheduled date (9/1/06).	Quantifiable	Late 2006	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Continue EAC as a regional air quality consortium involving county and municipal governments to initiate and carry out initiatives to improve air quality in the region.	Nonquantifiable	Ongoing	

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7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	11.3	Participate in Clean Cities Program	Seek Grant funds to foster a regional Clean Cities designation.		2005	2005, depending on level of government interest
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	8.6	Implement Retrofit Programs for Diesel Engines	If EPA grant application is funded, retrofit or replace old diesel school buses in selected fleets with cleaner running buses.	Quantifiable	2004 if funds received	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	8.6	Implement Retrofit Programs for Diesel Engines	Promote pollution control retrofits another diesel vehicles in public and private sector.	Nonquantifiable		
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	5.1	Implement Truck Stop Electrification Program	DAQ will seek grant funds for pilot truck stop electrification project at truck stops along Triad interstate highways.	Quantifiable	Depends on receipt of grant funds	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	8.5	Restrict Idling Time of Vehicles	DAQ to seek grant funds to install idling-reduction systems on trucks.	Quantifiable	Depends on receipt of grant funds	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	8.5	Restrict Idling Time of Vehicles	Explore potential for electrification of rail switching yards to reduce lengthy engine idling time in rail yards.	Nonquantifiable		
7	Triad Area -- North Carolina	Forsyth County	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Supplement regional services provided through the Forsyth County Environ. Affairs Dept.	Nonquantifiable	2004 ozone season	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	PSAs, media ads, special events, websites, etc. on ozone reduction methods and green products. Develop special communications designed for Hispanic outreach	Nonquantifiable	2004 ozone season	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	10.4	Develop and Implement a Student Outreach Program	Develop school-based outreach to educate children, who, in turn can inform their families.	Nonquantifiable	2004 ozone season	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	6.3	Implement Energy Efficiency in the Operation and Design of Facilities and in the Purchase and Use of Equipment	Design and construction standards (Green buildings). Retrofit public buildings and schools. Program thermostats and lighting.	Some strategies quantifiable	Complete in Guilford Co. schools, Davidson Co. public buildings energy savings contracts. To be implemented in other areas 2004-2005.	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	6.2	Implement Programs to Increase the Use of Energy Star "Green" Products	Purchase energy efficient products.	Some strategies quantifiable	Complete in Guilford Co. schools, Davidson Co. public buildings energy savings contracts. To be implemented in other areas 2004-2005.	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	3.4	Shift Construction Work and Lawn Moving to Afternoon Periods	Reschedule nonessential operations (lawn maintenance, outdoor painting, paving) to non-peak ozone times.	Some strategies quantifiable	Complete in Guilford Co. schools, Davidson Co. public buildings energy savings contracts. To be implemented in other areas 2004-2005.	
7	Triad Area -- North Carolina	Implemented at various levels throughout EAC region	8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Use detection loops and other systems to monitor traffic.	Nonquantifiable	Ongoing in Greensboro, Winston Salem and High-Point.	
7	Triad Area -- North Carolina	Implemented at various levels throughout EAC region	9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Telecommuting, provide web-based services for information and transactions, direct deposit	Nonquantifiable	Has been available in larger jurisdictions. Now being implemented in smaller towns.	
7	Triad Area -- North Carolina	Statewide	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Proceed with plans for commuter and intercity rail. Study feasibility of regional commuter rail in urban area.	Quantifiable	Post-2007 (maintenance)	

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7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Encourage non-motorized transportation (improving pedestrian and bike infrastructure, manage traffic to affect safer nonmotorized transportation).	Nonquantifiable	Post-2007 (maintenance)	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	7	Reduce Air Quality Impacts through Better Land Use Management	Coordinated land use plan	Nonquantifiable	Post-2007 (maintenance)	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	7.2	Implement a Smart Growth Program	Adopt planned growth measures (i.e., infill development, strengthen downtowns, location of employment, etc.)	Nonquantifiable	Post-2007 (maintenance)	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Promote tree ordinances (i.e., open space, greenways, buffers, etc.)	Nonquantifiable	Post-2007 (maintenance)	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties						<p>Meteorological model: MM-5 Emissions Model: SMOKE Air quality model: MAQSIP Historical episodes modeled: 7/10-15/95; 6/20-25/96; 6/25-30/96; 7/10-15/97 Total estimated reductions for all control members: VOC: 720 tpd in 2000; 708 tpd in 2007 NOx: 593 tpd in 2000; 201 tpd in 2007 For more detailed modeling information in the 12/03 progress report, see http://www.epa.gov/ttn/naaqs/ozone/eac/eac_r4.htm #NC_Triad Results of modeling runs can be viewed at http://www.ccp.unc.edu/empd/projects2/NCDAQ/PGM/results/</p>
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	11	Support and/or Expand Existing Federal and State Air Quality Programs	1999 Clean Air Bill--expanded I/M program	Existing Federal and State Air Quality Programs	Phase-in dates from 7/1/02 to 7/1/05	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	Reductions from power plants and other industries by 68%	2006	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	11	Support and/or Expand Existing Federal and State Air Quality Programs	Clean Smokestacks Act	Emissions reductions from coal-fired power plants: NOx--78%; SO2--74%;	NOx reductions by 2009; SO2 reductions--49% by 2009, 74% by 2013	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	11	Support and/or Expand Existing Federal and State Air Quality Programs	Tier 2 standards: 1. Passenger vehicles in manufacturer's fleet (including light-duty trucks and SUVs); 2. Passenger vehicles over 8,500 pounds gross vehicle weight rating; 3. Reduce sulfur content of gasoline (necessary to achieve Tier 2 standards)	1. Average standard of 0.07 grams of NOx per mile. 2. Requires vehicles to be 77-95% cleaner. 3. Reduce sulfur content of gasoline to 30 ppm.	1. Begin in 2004 w/ most vehicles being phase in by 2007. 2. Phased in beginning 2008 w/ full compliance by 2009. 3. By 2006.	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	11	Support and/or Expand Existing Federal and State Air Quality Programs	Heavy-duty gasoline and diesel highway vehicles standards 1. Reduce NOx and VOC emissions; 2. Reduce particulate matter; 3. Reduce highway diesel fuel sulfur content	Estimated reductions from total program: PM--90% NOx--95% Highway diesel fuel sulfur content--15 ppm.	1. Takes effect in 2004. 2. Begin in 2007. 3. Begin in 2007.	
7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	11	Support and/or Expand Existing Federal and State Air Quality Programs	Large Nonroad Diesel Engines (Proposed Rule) (engines such as those used in construction, agricultural, and industrial equipment)	1. Estimated reductions of allowable sulfur in nonroad diesel fuel--99%; current avg. 3,400 ppm sulfur; rules reduce to 15 ppm. 2. Estimated NOx and PM reductions--90%.	Total program phased in between 2008 and 2014 1. Limit diesel sulfur content to 500 ppm in 2007 and 15 ppm in 2010	

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7	Triad Area -- North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham Counties	11	Support and/or Expand Existing Federal and State Air Quality Programs	Nonroad Spark-Ignition Engines and Recreational Engines Standard (will regulate NOx, HC, and CO). Will apply to all new engines sold in US and imported	Estimated reductions when all standards are fully implemented: HC--72% NOx--80% CO--56%	By 2020	
8	Unifour(Hickory-Morganton Lenoir) North Carolina	Surry, Yadkin, Randolph, Forsyth, Davie, Alamance, Caswell, Davidson, Stokes, Guilford, Rockingham counties						Meteorological model- MM-5; Emissions model- SMOKE; Air Quality Model - MAQSIP
8			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	local governments and private sector join in NC Air Awareness Program; assign a local agency to implement an aggressive program to educate and motivate individuals			
8			11.3	Participate in the Clean Cities Program	Evaluate benefits of participating in this program			
8			10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Assign staff to become air quality contact			
8			6	Reduce energy demand through conservation and energy efficiency	Energy plan could be developed that directs city and county governments to reduce energy use			
8			12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Appoint a stakeholder group to identify and recommend locally feasible air improvement control			
8			7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Landscaping and tree ordinances could be drafted			
8			7.2	Implement a smart growth program	Implement smart growth			
8			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Develop plans to encourage bicycle and pedestrian usage			
8			3.1	Ban or Restrict Open Burning and Other High-Emission Activities on Ozone Action Days	Discourage open burning on ozone action days			
8			9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Encourage the use of compressed work weeks or flexible work hours			
8			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Expand transit and ridesharing programs			
8			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Improve traffic operational planning, engineering and maintenance			
8		City of Hickory	5.3	Increase Use of LEV and SULEV Vehicles	Has 7 alternative fuel vehicles(CNG); plan to expand fleet			
8			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Continue t provide public transit services			
8			7	Reduce Air quality Impacts thru better land use management	Adopted new Land Development Regulations that require connectivity between developments and encourage mixed development			
0	South Carolina -- no EAC	McCormick County	10.1	Implement and Publicize an Ozone Action Day Program	Develop forecast for 8-hour ozone standard and disseminate the forecast as necessary.		Ongoing	
11	Appalachian -- South Carolina	Anderson, Oconee, Pickens, Greenville, Spartanburg, and Cherokee Counties	10.1	Implement and Publicize an Ozone Action Day Program	Develop forecast for 8-hour ozone standard and disseminate the forecast as necessary.		Ongoing	

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11	Appalachian -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets		Ongoing	
11	Appalachian -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
11	Appalachian -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	
11	Appalachian -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of NOx emissions from sources not currently subject to NOx control requirements; would apply to new NOx sources, but exempt those already regulated by other NOx regulations w/ equivalent requirements	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
11	Appalachian -- South Carolina	Statewide	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government		Apr-05	
11	Appalachian -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
11	Appalachian -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	
11	Appalachian -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	
11	Appalachian -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	
11	Appalachian -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity			
11	Appalachian-South Carolina	Anderson, Greenville, and Spartanburg, Counties	12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Develop stakeholder group to support modeling efforts; develop stakeholder group to participate in development of Nox BACT regulations		ongoing	
11			10.1	Implement and Publicize an Ozone Action Day Program	Designate a staff person in each County to coordinate all ozone programs		Mar-03	
11			4.3	Use of Low-Sulfur Fuels	Coordinate with representatives of Colonial and Plantation pipelines, refiners and state representatives to receive low sulfur fuel as soon as possible		ongoing	
11			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Implement congestion mgt projects; intersection and signalization improvements; and implement intelligent traffic systems		2003 and ongoing	
11			5.3	Increase the Use of LEV and SULEV Vehicles	Encourage 10% of public agencies fleet have hybrid vehicles; encourage people, public and private corporations to purchase hybrid vehicles		2004-2005	
11			8	Reduce Emissions from Vehicles	Require purchase of high efficiency engines for school buses as they are replaced		As soon as practical	
11			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Integrate transportation planning with land use planning to assist public transit; encourage mass transit		2004	

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11			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Establish safer bike routes; increase highway funding for bike paths, walking		2004	
11					Encourage local government to increase pedestrian/bicycle infrastructure		2004	
11			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Work with local governments to offer incentives for car pooling; offer a free trolley service in a loop in downtown areas especially during lunch hours		2004	
11			??		Review and update air emission inventory		Fall 2003	
11			14.2	Control NOx Emissions from Combustion Processes	Nox reductions from Duke Power's Lee Steam Plant; Williams Co-Transco Pipeline		2005	
11			8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	Develop a program to offer to purchase or repair smoking vehicles using funds generated from license plate sales, registration fees		2005	
11			13.1	Restrict or Ban Outdoor Burning	Ban open burning of on-site commercial clearing debris during ozone season		2004	
11			5.3	Increase the Use of LEV and SULEV Vehicles	Offer tax credits for vehicles with high efficiency gas consumption or low emissions or purchase of low-mileage rather than high mileage vehicles		2005	
11			7	Reduce Air Quality Impacts through Better Land Use Management	Include air quality measures as part of land use and transportation planning process		2004	
11			6	Reduce Energy Demand through Conservation and Energy Efficiency	Capture emissions from landfills to produce green power; implement a purchase Green Power program when available		2004	
11			9	Reduce the vehicle miles traveled	Promote route efficiency for delivery vehicles, trash collection		2004	
11			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Establish park and ride lots serving perimeter counties along major corridors; encourage carpooling/vanpooling		2004	
11			9.3	Develop workplace programs as telecommuting and flexible schedule to reduce travel demands	Encourage and coordinate alternate work schedules such as staggered work hours for business, industry and local governments		2004	
11			12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Establish an active public awareness campaign; develop an editorial board to discuss air quality		2004	
11			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Assist in development of voluntary facility audits to promote energy efficiency		2004	
11			6	Reduce Energy Demand through Conservation and Energy Efficiency	Promote research in energy efficiency at local universities		2005	
11			5	Expand the Use of Alternative Fuels and Energy Sources	Assist with establishing alternate fuel infrastructure for private sector clean fuel fleets; assist with establishing alternative fuels for public fleets		ongoing	
11			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Evaluate use of HOV on 3 lane interstate highways; pass laws establishing regulations on HOV's lanes		2005	
11			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Modify speed limits for optimum fuel efficiency; direct SCDHEC and SCDOT to take lead role		2005 or 2006	
11			7	Reduce Air Quality Impacts through Better Land Use Management	Develop process for evaluating and minimizing impact of major projects such as shopping centers, schools and subdivisions		2004	

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11			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Community schools to reduce vehicle miles travel and encourage biking and walking for students and parents			
11		Oconee County	8	Reduce Emissions from Vehicles	upgrade and replace older, less-fuel efficient vehicles and equipment; replace improperly operating catalytic converters		2003	
11			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Annual review of needed upgrades to county-owned buildings and facilities to result in highest level of energy efficiency		2003	
11			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Support efforts by County Sheriff to emphasize speed and traffic control		2004	
11			7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Amend land development and subdivision regulations to require minimum areas of greenspace and trees in new subdivisions		2004	
11			12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Encourage and assist municipalities in taking an active role in countywide emission reduction efforts		2004	
11		Pickens County	8.6	Implement Retrofit Programs for Diesel Engines	Study of inventory of heavy diesels		1-Apr	
11			8	Reducing emissions from vehicles	Evaluating fleet emissions maintenance		Apr-04	
11			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Methane extraction system - Easley landfill		Jan-04	
11			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Discussing Park and Ride program		Apr-05	
11			8	Reduce Emissions from Vehicles	Develop SOP for combustion engine purchases and for contract services received from operators of mobile sources		Jan-04	
11			8.5	Restrict the Idling Time of Vehicles	No-idling policy developed		Sep-03	
11			9	Reduce the vehicle miles traveled	Assisting school district to improve bus ridership, school parking permits		August 2004 or 2005	
11		Cherokee County	12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Develop stakeholder group to support modeling efforts; develop stakeholder group to participate in development of Nox BACT regulations		ongoing	
11			5	Expand the Use of Alternative Fuels and Energy Sources	Encourage the use of alternate fuels; encourage a clean fuel fleet program		ongoing	
11			5.3	Increase the Use of LEV and SULEV Vehicles	Encourage the purchase of hybrid fuels; encourage 10% of public agencies fleet to be hybrid vehicles		ASAP	
11			9	Reduce the vehicle miles traveled	encourage businesses to consolidate distribution and collection routes		2004	
11			12	Expand the Use of Alternative Fuels and Energy Sources	Develop editorial board to discuss air quality issues and develop relationship with media		2004	
12	Berkeley-Charleston-Dorchester -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
12	Berkeley-Charleston-Dorchester -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
12	Berkeley-Charleston-Dorchester -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of NOx emissions from sources not currently subject to NOx control requirements; would apply to new NOx sources, but exempt those already regulated by other NOx regulations w/ equivalent requirements	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
12	Berkeley-Charleston-Dorchester -- South Carolina	Statewide	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government		Apr-05	
12	Berkeley-Charleston-Dorchester -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
12	Berkeley-Charleston-Dorchester -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	
12	Berkeley-Charleston-Dorchester -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	
12	Berkeley-Charleston-Dorchester -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	
12	Berkeley-Charleston-Dorchester -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity			
12	Berkeley-Charleston-Dorchester, South Carolina	Dorchester, Berkeley, Charleston counties						
12		Berkeley county	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	County website		Jun-03	
12			3.4	Shift Construction Work and Lawn Mowing to Afternoon Periods	consider restricting mowing and interior/exterior painting days during ozone season		Jun-03	
12			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Consider turning off lights and computer in county owned properties		Jun-03	
12			5	Expand the Use of Alternative Fuels and Energy Sources	Purchase "Green Power"		When cost effective	
12			6	Reduce energy demand through conservation and energy efficiency	Best management practices in AC Control system		on going	
12			10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	County staff person responsible for ozone education		Mar-03	
12			7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Zoning ordinance requires landscaped buffers between unlike uses; promote conservation of recommended areas in a voluntary manner		Aug-01	
12			5.2	Convert Off-Road Vehicles and Other Equipment Engines to Electric or Propane	1 gasoline golf cart has been replaced with electric; consider replacing others		When cost effective	
12			5.3	Increase the use of LEV and SULEV vehicles	Evaluate purchase of alternative fuel vehicle and if feasible replacing existing vehicles		When cost effective	
12			8.3	Implement and/or Expand Vehicle Inspection & Maintenance Programs	Review policies of scheduled maintenance of county vehicles		on going	
12			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Support development of park and ride facilities		When cost effective	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
12			9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	evaluate staggered work schedules		when reasonable	
12		Charleston county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Appoint ozone action coordinator to alert media		on going	
12			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	develop and implement ozone public education plan		on going	
12			5.3	Increase the use of LEV and SULEV vehicles	Pilot program to purchase or lease hybrid cars		FY 2005	
12			8	Reduce the emissions from vehicles	Add best fuel efficiency into vehicle specifications		FY 2005	
12			8.1	Implement Programs to Increase Fleet Turnover to Newer Vehicles	Adding to motor pool - clean burning, high efficiency vehicles		Phase over 5 yrs	
12			4.3	Use of low sulfur fuels	Fleet fueling sites may be modified to include low-sulfur gasoline			
12			8	Reduce the emissions from vehicles	purchase diesel heavy duty trucks that comply with recent EPA standards and utilize low sulfur diesel fuel		phase in	
12			4.3	Use of low sulfur fuels	As possible, convert to use of low-sulfur fuel		Phase over 5 yrs	
12			4.1	Use reformulated gasoline and/or Bio-fuels	Consider pilot/test of bio-diesel fuel for limited vehicle use		FY05 or later	
12			8.5	Restrict the Idling Time of Vehicles	Limit idling for diesel engine		FY2004	
12			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Encourage the development of mass transit opportunities, trip reduction		ongoing	
12			3.4	Shift Construction Work and Lawn Moving to Afternoon Periods	Request for proposal may be amended to include clean air practices during the next bidding cycle		Phased in over 5 yrs	
12			8.5	Restrict the Idling Time of Vehicles	Signs will be posted at county offices to limit idling		FY 2004	
12			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Employ building energy conversion measures at Charleston County facilities		FY2004	
12			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Promote use of ride-sharing and use of public transit by county employees		FY 2004	
12			9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	County expand the use flexible hours; telecommuting		Ongoing; FY2004	
12		Dorchester county	4	Increase the use of modified fossil fuels	Promote high-bred "alternate fuel" vessels; biodiesel		NA	
12			9.2;9.3	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Provide incentives for car prolong; stagger work hours; compress work schedules			
12			10.4	Develop and Implement a Student Outreach Program	Introduce short courses to discuss health hazards of ozone		When EPA designates NA	
12			9	Reduce the vehicle miles traveled	Assigned parking spots only to exceptional need		When EPA designates NA	
12			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	School construction include sidewalks and bike trails		When EPA designates NA	
12			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Ozone tents-festivals, fairs		05/01/2004; when EPA designates NA	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
12			7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Tree and landscape ordinances - use of shade trees; landscape plan for commercial development		some in existence; others are coming	
12			7.2	Implement a smart growth program	Promote Smart Growth		ongoing	
13	Catawba -- South Carolina	Union County	10.1	Implement and Publicize an Ozone Action Day Program	Develop forecast for 8-hour ozone standard and disseminate the forecast as necessary.		Ongoing	
13	Catawba -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
13	Catawba -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
13	Catawba -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	
13	Catawba -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of NOx emissions from sources not currently subject to NOx control requirements; would apply to new NOx sources, but exempt those already regulated by other NOx regulations w/ equivalent requirements.	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
13	Catawba -- South Carolina	Statewide	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government.		Apr-05	
13	Catawba -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
13	Catawba -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	
13	Catawba -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	
13	Catawba -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	
13	Catawba -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity			
13	Catawba -- South Carolina	York, Chester, Lancaster, Union counties						
13		Lancaster county	10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	County staff person-responsible for ozone education; Develop a web site devoted to educate public on ozone; meeting with Chamber of Commerce, Rotary clubs		Jul-03	
13			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Work with local businesses to offer park and ride opportunities		ongoing	
13			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Produce public service announcements to show on local cable TV		Jul-03	
13			9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Policy to be developed for implementing alternate work schedule for area business and industry		Apr-04	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
13			10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Thru web sites, education TV, school group meetings, radio and print ads		2003-2007	
13			5.3	Increase the Use of LEV and SULEV Vehicles	Begin planning to implement alternative fuel sources aor county fleets and encouraging fuel fleets at local industry		ongoing	
13			15	Reduce the Emissions from Non-Road Vehicles and Related Equipment	Educate and possibly provide tax breaks to companies that utilize emission control systems on heavy machinery		ongoing	
13			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Continue to implement synchronization of all traffic lights in municipal areas		ongoing	
13			5.3	Increase the Use of LEV and SULEV Vehicles	Implement steps to purchase alternative fuel busses for fleets		ongoing	
13			7	Reduce Air Quality Impacts through Better Land Use Management	Continue planning to decrease urban sprawl; density restrictions; implement walk/bike trails in residential areas		ongoing	
13			8	Reduce the emissions from vehicles	Restrict lower grades in high school from driving cars to schools		Aug-03	
13			13.1	Restrict or ban outdoor burning	Implement legislation to control outdoor burning and educate public		Aug-03	
13		Chester County	10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Chester Air group established(citizens, local business and industry) ; establish a web site		Nov-03	
13			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Improve a picnic area to encourage eat-in lunches; encourage carpools, walk to work		Apr-05	
13			6	Reduce Energy Demand through Conservation and Energy Efficiency	County government will sponsor program to employees to reduce electricity use		Aug-03	
13			13.1	Restrict or ban outdoor burning	Pass amore stringent rule on burning household garbage		May-04	
13			7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Encourage a nature based tourism approach		May-04	
13		Union County	10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Identified Air Quality contact - responsible for ozone education/outreach			
13		York County	9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	\$174 million sales tax referendum approved in 11/03 includes sidewalks		2004-2012	
13			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	\$174 million sales tax referendum approved in 11/03 includes intersection improvements, paved shoulders, improved traffic choke points		2004-2012	
13			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Rock Hill express bus service to Charlotte from 4 Park and Ride facilities		Current	
13			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Update zoning ans subdivision regulations to require sidewalks and lower thresholds for requiring deceleration		2004-2006	
13			13.1	Restrict or ban outdoor burning	Currently prohibit all open burning during high ozone days		Current	
13			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Adoption of long range transportation plan with 30% of revenue targeted for congestion management projects		2003-2025	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
14	Central Midlands -- South Carolina	Newberry, Fairfield, Lexington, Richland Counties	10.1	Implement and Publicize an Ozone Action Day Program	Develop forecast for 8-hour ozone standard and disseminate the forecast as necessary.		Ongoing	
14	Central Midlands -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
14	Central Midlands -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
14	Central Midlands -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	
14	Central Midlands -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of Nox emissions from sources not currently subject to Nox control requirements; would apply to new Nox sources, but exempt those already regulated by other Nox regulations w/ equivalent requirements.	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
14	Central Midlands -- South Carolina	Statewide	14	Reduce VOC and/or Nox Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government.		Apr-05	
14	Central Midlands -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
14	Central Midlands -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	
14	Central Midlands -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	
14	Central Midlands -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	
14	Central Midlands -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity			
14	Central Midlands -- South Carolina	Newberry	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Regional transit between Newberry and Columbia		Nov-03	
14	Central Midlands -- South Carolina	Newberry County	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Add web page to county web site w/ guidelines and strategies for reducing emissions		Mar-04	
14	Central Midlands -- South Carolina	Lexington County	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Assign ozone action coordinator Establish industry/local government contact persons		July 2003 August 2003	
14	Central Midlands -- South Carolina	Lexington County	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Discuss park & ride with facilities with large parking lots		Dec-03	
14	Central Midlands -- South Carolina	Lexington County	9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Discuss use of alternate work schedules with industry, companies, municipalities, county dens.		Dec-03	
14	Central Midlands -- South Carolina	Lexington County	5	Expand the Use of Alternative Fuels and Energy Sources	Companies, municipalities, county investigate feasibility of using		Mar-04	

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14	Central Midlands -- South Carolina	Lexington County	8.5	Restrict Idling Time of Vehicles	Establish county policies to reduce or stop idling time		Jul-03	
14	Central Midlands -- South Carolina	Lexington County			Analyze methane production and reduction, recycle efforts		Mar-04	
14	Central Midlands -- South Carolina	Fairfield County	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Assign air quality contact		Mar-03	
14	Central Midlands -- South Carolina	Fairfield County	11	Support and/or Expand Existing Federal and State Air Quality Programs	County will support statewide emission reduction strategies			
14	Central Midlands -- South Carolina	Fairfield County			Amend county zoning ordinance to add prescriptive requirements for reducing/maintaining ozone levels for manufacturing		Nov-03	
14	Central Midlands -- South Carolina	Fairfield County	7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Amend county zoning ordinance to help promote strategic tree planting.		Nov-03	
14	Central Midlands -- South Carolina	Fairfield County	7	Reduce Air Quality Impacts through Better Land Use Management	Amend county zoning ordinance to promote Planned Development Districts to encourage land use planning		Nov-03	
14	Central Midlands -- South Carolina	Fairfield County	12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Work w/ incorporated areas of county on land use planning measures.		Jun-03	
14	Central Midlands -- South Carolina	Fairfield County	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Promote ozone education by distribution of information to county employees and local government.		Ongoing	
14	Central Midlands -- South Carolina	Fairfield County	3	Seasonal, Ozone Action Day, and Time-of-Day Scheduling Strategies	Develop strategies to reduce activities that would effect ozone levels during Ozone Action Days		Ongoing	
14	Central Midlands -- South Carolina	Richland County	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Assign air quality contact/expert.		Mar-03	
14	Central Midlands -- South Carolina	Richland County	11	Support and/or Expand Existing Federal and State Air Quality Programs	Support DHEC in statewide emission reductions efforts such as open burning, BACT		Upon implementation by state	
14	Central Midlands -- South Carolina	Richland County	7	Reduce Air Quality Impacts through Better Land Use Management	County in process of rewriting Land Development Code, including zoning regulations, design controls, "green development" practices, etc. supporting smart growth		Early 2004	
14	Central Midlands -- South Carolina	Richland County	7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Tree ordinances have been drafted to establish minimum tree planting and strategic tree planting standards for new development		Early 2004	
14	Central Midlands -- South Carolina	Richland County	9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Land Use Development Code promotes walking and bicycling		Early 2004	
14	Central Midlands -- South Carolina	Richland County	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Land Use Development Code promotes mass transit.		Early 2004	
14	Central Midlands -- South Carolina	Richland County	11.3	Participate in Clean Cities Program	Join and participate in Clean Cities.		Jul-03	
14	Central Midlands -- South Carolina	Richland County	5.3	Increase Use of LEV and SULEV Vehicles	Require replacement of all gasoline golf carts w/ electric.			
14	Central Midlands -- South Carolina	Richland County	5	Expand the Use of Alternative Fuels and Energy Sources	County has researched alternative fuels and the possibility of purchasing alternative fleet vehicles (approx. 965 cars in fleet).			

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14	Central Midlands -- South Carolina	Richland County	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Prepared fliers promoting ozone awareness and displayed in all county departments. Ozone Action Days will be posted on website.		Jun-03	
14	Central Midlands -- South Carolina	Richland County	12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Meet with county reps. to discuss successful programs in local areas.		Ongoing	
14	Central Midlands -- South Carolina	Richland County	9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Flex-schedule for county employees. Expand this program in the future.		Ongoing	
14	Central Midlands -- South Carolina	Richland County	11	Support and/or Expand Existing Federal and State Air Quality Programs	Participate in SC EAC for 8-hour ozone.		Ongoing	
14	Central Midlands -- South Carolina	Richland County	6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Develop City and County Energy Plan. Could include white roofs, recycling, composting, etc.		Ongoing	
14	Central Midlands -- South Carolina	Richland County	6.2	Implement Programs to Increase the Use of Energy Star "Green" Products	Retrofit municipal/city buildings, street lights, etc. for "Energy Star" program.		Ongoing	
14	Central Midlands -- South Carolina	Richland County	1	Reduce Emissions from the Storage, Distribution, and Dispensing of Fuels and Solvents	Encourage people to not overfill their fuel tanks.		Jun-03	
14	Central Midlands -- South Carolina	Richland County	5.2	Convert Off-Road Vehicles and Other Equipment Engines to Electric or Propane	Promote use of electric and propane lawn mowers.			
14	Central Midlands -- South Carolina	Richland County	3.4	Shift Construction Work and Lawn Mowing to Afternoon Periods	Restrict mowing times all year, especially during ozone season.			
14	Central Midlands -- South Carolina	Richland County	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Facilities have installed SCR, utilized BACT, and are evaluating innovative approaches to reduce VOC emissions.			
14	Central Midlands -- South Carolina	Richland County	13.1	Restrict or Ban Outdoor Burning	Prohibit/limit/ban open burning (all year or ozone season. Encourage to mulch instead of burn.			
15	Low Country -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
15	Low Country -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	
15	Low Country -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of NOx emissions from sources not currently subject to NOx control requirements; would apply to new NOx sources, but exempt those already regulated by other NOx regulations w/ equivalent requirements.	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
15	Low Country -- South Carolina	Statewide	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government.		Apr-05	
15	Low Country -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
15	Low Country -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	
15	Low Country -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	
15	Low Country -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	

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15	Low Country -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity.			
15	Low country, South Carolina	Beaufort, Colleton, Hampton, Jasper counties						
15		Colleton County	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	One person identified as Air Quality contact		Mar-03	
15			1.3	Use of low-emission fuel containers	Spill-proof gas cans		May-04	
15		Beaufort county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	One person identified as Air Quality contact		Mar-03	
15		Hampton county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	One person identified as Air Quality contact		Mar-03	
15		Jasper county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	One person identified as Air Quality contact		Mar-03	
16.1	Lower Savannah-Augusta Area -- South Carolina	Saluda, Calhoun, and Edgefield Counties	10.1	Implement and Publicize an Ozone Action Day Program	Develop forecast for 8-hour ozone standard and disseminate the forecast as necessary.		Ongoing	
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of NOx emissions from sources not currently subject to NOx control requirements; would apply to new NOx sources, but exempt those already regulated by other NOx regulations w/ equivalent requirements.	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government.		Apr-05	
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	

Compiled list of local measures under consideration by EAC areas reported in December 31, 2003 progress reports

EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	
16.1	Lower Savannah-Augusta Area -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity			
17	Pee Dee -- South Carolina	Darlington, Florence, and Chesterfield Counties	10.1	Implement and Publicize an Ozone Action Day Program	Develop forecast for 8-hour ozone standard and disseminate the forecast as necessary.		Ongoing	
17	Pee Dee -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
17	Pee Dee -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
17	Pee Dee -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	
17	Pee Dee -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of NOx emissions from sources not currently subject to NOx control requirements; would apply to new NOx sources, but exempt those already regulated by other NOx regulations w/ equivalent requirements.	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
17	Pee Dee -- South Carolina	Statewide	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government.		Apr-05	
17	Pee Dee -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
17	Pee Dee -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	
17	Pee Dee -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	
17	Pee Dee -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	
17	Pee Dee -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity			
17	Pee Dee, South Carolina	Florence, Chesterfield, Darlington, Dillon, Marion, Marlboro Counties						
17		Darlington County	4.3	Use of Low-Sulfur Fuels	Convert diesel fleet to bio-diesel and low sulfur fuels		Jul-03	
17			8.5	Restrict the idling time of vehicles	Develop and implement plans to reduce or eliminate idling time on county vehicle and maintenance equipment.		Jul-03	
17			13.1	Restrict or ban outdoor burning	Coordinating among Code Enforcement, Fire District, emergency services and Sheriff's Dept		Jul-03	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
17			8	Reduce the emissions from vehicles	Future RFP's from county will place priority on vehicle and equipment with latest emission reduction standards			
17			10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Public speaking, distribution of educational materials; increase media alerts		May-03	
17			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Direct county department heads to reduce overall yearly energy usage by 5-10%		Jul-03	
17			3.4	Shift Construction Work and Lawn Mowing to Afternoon Periods	County will restrict or change lawn mowing and landscaping on high ozone alert days		May-03	
17			9	Reduce the vehicle miles traveled	County will decrease vehicle and fuel usage on high alert days		May-03	
17			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Facilities to eat-in during working hours; flexible lunch hours to encourage carpooling		Feb-03	
17		Florence County	8.5	Restrict the idling time of vehicles	Encourage the adoption of "no-idling" policies by owners/operators where feasible		1st Q - 2004	
17			8.1	Implement Programs to Increase Fleet Turnover to Newer Vehicles	Encourage the replacement of older vehicles with more fuel-efficient, lower emissions vehicle		1st Q - 2004	
17			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Encourage fleet operators to constantly review routing and scheduling to maximize efficiency		on going	
17			1	Reduce Emissions from the Storage, Distribution, and Dispensing of Fuels and Solvents	Encourage fleet operators to install vapor recovery equipment at central fueling stations		4th Q- 2004	
17			3	Seasonal, Ozone Action Day and Time-of-Day Scheduling Strategies	Evaluate alternatives for fueling vehicles after 6pm		3rd Q-2004	
17			13.1	Restrict or ban outdoor burning	Evaluate changes to county ordinances to minimize emissions from outdoor burning		2Q-2004	
17			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Perform energy audits of public and institutional facilities; encourage County employees on day-to-day energy conservation		2 Q-2004	
17			5.2	Convert Off-Road Vehicles and Other Equipment Engines to Electric or Propane	Monitor and report replacement of gasoline powered carts and equipment with electric carts or more fuel-efficient		3 Q-2004	
17			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Evaluate options for Park and Ride and other mass transit opportunities; encourage major employers to implement car pooling		4 Q-2004	
17			3	Seasonal, Ozone Action Day and Time-of-Day Scheduling Strategies	Investigate impact of rescheduling mowing, construction and other heavy equipment operation		2 Q 2004	
17			6.2	Implement Programs to Increase the Use of Energy Star "Green" Products	Evaluate availability of "green power"; work with utilities to evaluate alternatives; document consumption		2-3 Q 2004	
17			8.5	Restrict the idling time of vehicles	With truck stop owners and SCDOT investigate feasibility of installing electrical hookups at truck stops and rest areas		3 Q-2004	
17			1.3	Use new low-emission fuel containers	Conduct annual trade in days - old gas cans for newer "spill proof" variety		4 Q-2004	
17			10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Develop 30,60 second spots for local TV; work with local media to post daily ozone forecasts; presentations to various groups; distribute brochures		1 Q -2004	
17								

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
17		Marlboro County	5.3	Increase the use of lev and sulev vehicles	Will consider alternative fuel and hybrid vehicles in replacing		2004	
17			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Work wit local school district to encourage use of "Action for a Cleaner Tomorrow"		2004	
17			10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Seek partnerships with local businesses and industries to increase awareness of air quality		ongoing	
17		Marion County	5	Expand the Use of Alternative Fuels and Energy Sources	Use alternative fuels whenever available		Apr-05	
17			9	Reduce the vehicle miles traveled	Eliminate travel by county vehicle whenever possible		Apr-05	
17			1	Reduce emissions from the storage, distribution and dispensing of fuels and solvents	No topping policy for county vehicles		1-Apr	
17			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Reduce energy use in county buildings		Apr-05	
17			3.4	Shift Construction Work and Lawn Moving to Afternoon Periods	Reschedule mowing times whenever possible		Apr-05	
17			8.5	Restrict the Idling Time of Vehicles	Implement policy reducing idling time for county vehicles		Apr-05	
17			10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Distribute ozone education brochures		Apr-05	
17			13.1	Ban or Restrict Open Burning and Other High-Emission Activities on Ozone Action Days	Code enforcement of illegal burning laws		Apr-05	
18	Santee Lynches -- South Carolina	Kershaw, Sumter, and Lee Counties	10.1	Implement and Publicize an Ozone Action Day Program	Develop forecast for 8-hour ozone standard and disseminate the forecast as necessary.		Ongoing	
18	Santee Lynches -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
18	Santee Lynches -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
18	Santee Lynches -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	
18	Santee Lynches -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of NOx emissions from sources not currently subject to NOx control requirements; would apply to new NOx sources, but exempt those already regulated by other NOx regulations w/ equivalent requirements	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
18	Santee Lynches -- South Carolina	Statewide	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government.		Apr-05	
18	Santee Lynches -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
18	Santee Lynches -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
18	Santee Lynches -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	
18	Santee Lynches -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	
18	Santee Lynches -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity			
18	Santee Lynches;South Carolina	Clarendon, Lee, Sumter, Kershaw counties						
18		Clarendon county	8.3	Implement and/or Expand Vehicle Inspection & Maintenance Programs	Review maintenance schedules and inspection program by County vehicle ; then do same with school districts		Nov 2003; dec 2003	
18			10.4	Develop and Implement a Student Outreach Program	Use ozone reduction in physical or earth science class		Dec-03	
18			13.1	Restrict or ban outdoor burning	Distribute ozone education/open burning brochures; coordinate open burning		Feb-04	
18		Kershaw county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person to serve as contact person for air quality		Mar-03	
18			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Utilize local media for education/outreach; ozone forecast		Jan-04	
18			8.1	Implement Programs to Increase Fleet Turnover to Newer Vehicles	Implement a fleet scrap page or retirement program		existing	
18		Lee county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		Mar-03	
18			3.1	Ban or Restrict Open Burning and Other High-Emission Activities on Ozone Action Days	County Public Works delay cutting grass til 6 pm on ozone action days			
18			10.4	Develop and Implement a Student Outreach Program	Work with school districts on ozone reduction			
18		Sumter county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person responsible for education		Mar-04	
18			5.3	Increase Use of LEV and SULEV Vehicles	Will consider purchase of alternative fuel or more fuel efficient vehicles		NA	
18			4	Increase the Use of modified fossil fuels	Seek late4st information on low emission fuels for fleet vehicles		NA	
18			10.4	Develop and Implement a Student Outreach Program	Promote use of "Action for a Cleaner Tomorrow" with 2 Districts		Mar-04	
18			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Contact will develop lists of speakers for presentations on ozone reduction		Apr-04	
18			8.5	Restrict the Idling Time of Vehicles	Develop education program to reduce idling time		Apr-04	
18			3.4	Shift Construction Work and Lawn Moving to Afternoon Periods	Dept. of Public Works will schedule maintenance to avoid peak time emissions during ozone alerts		Apr-04	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
18			7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Strengthen existing tree ordinance to protect existing trees in new developments; continue activities to remain a certified "Tree City"		NA; Apr -2004	
18			7	Reduce Air quality Impacts thru better land use management	Support construction of pedestrian and bike paths when new roadways are built		Apr-04	
19	Upper Savannah -- South Carolina	Abbeville, Laurens, Greenwood, Saluda, and Edgefield Counties	10.1	Implement and Publicize an Ozone Action Day Program	Develop forecast for 8-hour ozone standard and disseminate the forecast as necessary		Ongoing	
19	Upper Savannah -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
19	Upper Savannah -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
19	Upper Savannah -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	
19	Upper Savannah -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of NOx emissions from sources not currently subject to NOx control requirements; would apply to new NOx sources, but exempt those already regulated by other NOx regulations w/ equivalent requirements	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
19	Upper Savannah -- South Carolina	Statewide	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government		Apr-05	
19	Upper Savannah -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
19	Upper Savannah -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	
19	Upper Savannah -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	
19	Upper Savannah -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	
19	Upper Savannah -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity			
19	Lower Savannah, South Carolina	Aiken, Orangeburg, Barnwell, Calhoun, Allendale, Bamberg counties						
19		Aiken county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		Mar-03	
19			4	Increase the use of modified fossil fuels	Switch County Transit fleet to bio-diesel; convert SCE&G Power Plant from coal burning to gas turbine; switch diesel vehicles to bio-diesel		Jun-02	
19			4.3	Use of low-sulfur fuels	Use low sulfur Type II fuels in all vehicles		when available	

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19			10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	promote Early Action plan at meetings; issue press releases; SCE&G promoting energy conservation		Jul-03	
19			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Promote mass transit through employer incentives		May-03	
19			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Install ITS equipment along major routes within urban areas		post FY2007	
19			13.1	Restrict or ban outdoor burning	Ban or limit open burning within city limits		Done	
19			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Encourage employees to carpool to lunch		2003	
19			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Install workspace occupancy sensors; paint exposed surfaces with reflective paint		2003-2004	
19			6.2	Implement Programs to Increase the Use of Energy Star "Green" Products	Purchase Energy Star products		2003	
19		Allendale county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		Mar-03	
19		Bamberg county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		Mar-03	
19		Barnwell County	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		2003	
19			10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Develop and implement ozone reduction action plan public education plan		2003	
19			8.5	Restrict the Idling Time of Vehicles	Dept. Heads will develop plans to reduce or eliminate idling times on vehicles		Under review	
19			13.1	Restrict or ban outdoor burning	Various county agencies develop stricter controls		Under review	
19			8.1	Implement Programs to Increase Fleet Turnover to Newer Vehicles	Develop plan to purchase replacement vehicles with the latest emission reduction standards		Under review	
19			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	A?E programs to motivate businesses, industries and organizations to take actions to minimize ozone. Public speaking, distributing educational material		Under review	
19			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Develop Energy conservation plans to reduce overall yearly energy usage by 5-10% per month		Under review	
19		Calhoun County	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		Mar-03	

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19			3.4	Shift Construction Work and Lawn Moving to Afternoon Periods	Delay mowing and motorized construction and landscaping activities during ozone action days		Jul-03	
19			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Have employees turn off computers and lights		Jul-03	
19			3.1	Ban or Restrict Open Burning and Other High-Emission Activities on Ozone Action Days	Restrict indoor and outdoor painting on ozone action days		Jul-03	
19			10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		Mar-03	
19			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Utilize existing public education programs to include ozone program		Jul-03	
19			5.3	Increase the use of LEV and SULEV vehicles	Planning to purchase alternative fuel vehicles		Jun-04	
19			8.5	Restrict the Idling Time of Vehicles	Install GPS monitors for engine idling time		Jun-04	
19	Upper Savannah, South Carolina	Abbeville, Edgefield, Laurens, Saluda, Greenwood counties						
19		Abbeville county	10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	PSA's to local newspaper, radio and TV stations		on-going	
19			13.1	Restrict or ban outdoor burning	Solicit cooperation of state and federal to ban open burning on high ozone days		on-going	
19			3.4	Shift Construction Work and Lawn Moving to Afternoon Periods	Encourage county, municipalities and citizens not to mow during high ozone days		on-going	
19			8.5	Restrict the Idling Time of Vehicles	Encourage county, municipalities to not idle when practical		on-going	
19			3	Seasonal, Ozone Action Day and Time-of-Day Scheduling Strategies	Fill cars with gas after 6 pm when possible		on-going	
19			5.3	Increase the use of LEV and SULEV vehicles	County will explore purchasing more fuel efficient and low emission level vehicles when economically feasible		on-going	
19			10.4	Develop and Implement a Student Outreach Program	Work cooperatively with school district		on-going	
19		Edgefield county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		on-going	
19			6.3	Implement Energy Efficiency in the Operation and Design of Facilities and in the Purchase and Use of Equipment	Building and Planning Dept will use energy efficient in inspecting residential dwellings and commercial buildings		on-going	
19		Greenwood county	9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	encourage incentives for inclusion of pedestrian and bike paths			
19			9.3	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Encourage telecommuting			
19			5	Expand the Use of Alternative Fuels and Energy Sources	Educate the public; promote the usage of alternative fuels by local government agencies			

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19			6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Develop a comprehensive energy conservation program			
19			8.1	Implement Programs to Increase Fleet Turnover to Newer Vehicles	Replace older vehicles with more efficient models			
19			5.3	Increase the use of LEV and SULEV vehicles	Incorporate the use of alternative fuels within the fleet system			
19		Laurens county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		Mar-03	
19			3.4	Shift Construction Work and Lawn Moving to Afternoon Periods	Delay mowing and motorized construction and landscaping activities during ozone action days; restrict indoor and outdoor painting		Jul-03	
19			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Encourage ridesharing for all employees		Jul-03	
19		Saluda county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person as Air Quality contact		Apr-05	
20	Waccamaw -- South Carolina	Statewide	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Develop resource guide for air quality improvement to assist counties in planning for cleaner air, and fact sheets. Developed forms for participating areas to assist with reporting aspect of EAC.		Ongoing	
20	Waccamaw -- South Carolina	Statewide	13.1	Restrict or Ban Outdoor Burning	Revise existing state regulation to ban open burning		Promulgate by June, 2004 Implement 2005	
20	Waccamaw -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Proposed regulation to control growth of NOx emissions from sources not currently subject to NOx control requirements; would apply to new NOx sources, but exempt those already regulated by other NOx regulations w/ equivalent requirements	See attachment 1 of EAC Milestone Progress Report submitted by State of South Carolina, December 2003.	Promulgate by June, 2004 Implement 2005	
20	Waccamaw -- South Carolina	Statewide	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Develop, implement, and market plan for reducing ground-level ozone precursors by state government.		Apr-05	
20	Waccamaw -- South Carolina	Statewide	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Negotiate NOx emissions through permitting w/ some of larger facilities			
20	Waccamaw -- South Carolina	Statewide	8	Reduce the Emissions from Vehicles	Tier 2 standards	See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	Phase-in period: 2004-2007	
20	Waccamaw -- South Carolina	Statewide	4.3	Use of Low-Sulfur Fuels	Program to reduce average gasoline sulfur levels.		Phase-in period: 2004-2007	
20	Waccamaw -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	NOx SIP Call	18% reduction in NOx. See Attachment 2 of progress report submitted by State of South Carolina, December 2003.	2004	
20	Waccamaw -- South Carolina	Statewide	11	Support and/or Expand Existing Federal and State Air Quality Programs	"Smart Highways." Plan to ensure transportation plans, programs, and projects consider state and local air quality goals. May incorporate aspects of Transportation Conformity			
20	Waccamaw, South Carolina	Williamsburg, Georgetown, Horry counties						
20		Georgetown County	3	Seasonal, Ozone Action Day and Time-of-Day Scheduling Strategies	Mosquito Control will have night shift refuel		ongoing	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
20			1	Reduce emissions from the storage, distribution and dispensing of fuels and solvents	Employees will be reminded to top off tanks when refueling		Apr-04	
20			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Suggestions will be made to carpool to work or business meetings		Apr-04	
20			6	Reduce energy demand through conservation and energy efficiency	Signs will be posted at county offices to follow energy conservation		Apr-04	
20			8.5	Restrict the Idling Time of Vehicles	Employee education and place sign at landfill; Director implement no idle standard		Apr-04	
20			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Bike trail system is being constructed		in progress	
20			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Implement traffic signal synchronization schedule		Dec-10	
20			8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	Have First Vehicle Services implement a smoking vehicle program and conduct checks on leaking gas cans		Apr-04	
20			9	Reduce the vehicle miles traveled	Install vehicle monitoring system in all county vehicles to reduce trips		Dec-04	
20			5.3	Increase Use of LEV and SULEV Vehicles	County Purchasing Director develop policy to purchase alternative fuel/hybrid vehicles		Dec-05	
20			6	Reduce energy demand through conservation and energy efficiency	Develop energy element in county comprehensive plan		Dec-05	
20			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Encourage employees to carpool or bike to work		Apr-04	
20			10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Teach lessons from the Action at the EEC		in progress	
20			13.1	Restrict or ban outdoor burning	Pass county wide ordinance on open burning limits		Apr-04	
20			14.2	Control Nox emissions from combustion processes	2 units will install SCR		in progress	
20			5.2	Convert Off-Road Vehicles and Other Equipment Engines to Electric or Propane	Electric cars to be purchased for office transportation		in progress	
20			5	Expand the Use of Alternative Fuels and Energy Sources	Increase fleet of company cars that use E80 fuel		in progress	
20			9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Flexible work schedule for county employees; work at home		in progress	
20			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Developments over 10 lots to install a bike trail or sidewalks			
20		Horry County	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Point of contact been identified; develop outreach efforts to educate and motivate efforts to minimize ozone pollution		Mar-03	
20			5.3	Increase Use of LEV and SULEV Vehicles	Will purchase and use hybrid vehicles where appropriate		Oct-04	
20			8.1	Implement Programs to Increase Fleet Turnover to Newer Vehicles	Purchase and use fuel-efficient and low emissions vehicles		Jan-03	
20			6	Reduce energy demand through conservation and energy efficiency	Develop an Energy Conservation Plan for county government		Mar-04	

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EAC ID	EAC	Area of Implementation	Cat ID	Category	Description	Estimated Reductions	Proposed Implementation Date	Summary of Air Quality Modeling
20			7	Reduce Air quality Impacts thru better land use management	Review current land use regulations to ensure landscaping materials are appropriate		Jun-04	
20			8.5	Restrict the Idling Time of Vehicles	Use electrical power t power a/c while ambulances are in station to eliminate idling		May-03	
20			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Encourage County employees to carpool		Jan-04	
20			9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	County allow staggered and flex hours; encourage teleconference		Jul-03	
20			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Promote and support mass transport; parking facility that encourage carpooling		July 2003; Jan 2004	
20			5	Expand the Use of Alternative Fuels and Energy Sources	Support Green Power initiatives		Jul-03	
20			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Encourage traffic operational planning; engineering and maintenance for existing transportation infrastructure		May-03	
20		Williamsburg county	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	Identify person to serve as contact; encourage companies t identify a contact person for air quality		Mar-03	
21	Chattanooga, Tennessee	Hamilton, Meets, Marion, Walker, Catoosa counties	8.6	Implement retrofit programs for diesel engines	Diesel retrofit		By ozone season of 2005	
21			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Bike trails and bike racks; pedestrian greenways		By ozone season of 2005	
21			8	Reduce the emissions from vehicles	lower truck speed limits on interstates	Nox-3.9 TPD	By ozone season of 2005	
21			1.1	Implement Stage I vapor recovery program	Stage I vapor recovery	VOC-3.34 TPD	By ozone season of 2005	
21			13.1	Restrict or ban outdoor burning	open burning restrictions	VOC-3.31 TPD; Nox-1.14 TPD	By ozone season of 2005	
21			5	Expand the Use of Alternative Fuels and Energy Sources	Encourage development of infrastructure and conversion to alternate fuel vehicles		By ozone season of 2005	
21		Hamilton only	11.4	Early implement of VOC and Nox RACT	support state effort to develop Nox RACT	Nox- 1.16 TPD	By ozone season of 2005	
21			8	Reduce the emissions from vehicles	encourage accelerated replacement of on and off road diesel vehicles		By ozone season of 2005	
21			15	Reduce the Emissions from Non-Road Vehicles and Related Equipment	encourage use of catalysts and on road diesel fuel in off road diesels		By ozone season of 2005	
21			4.4	Use cetaine and other additives or catalysts in diesel fuels	Support the use of cetane diesel fuel-additive		By ozone season of 2005	
21			4.2	Use of low Reid vapor pressure fuels	support lower Reid vapor pressure gasoline		By ozone season of 2005	
21			4.3	Use of low sulfur fuels	seek early introduction of ultra-low sulfur diesel fuel		By ozone season of 2005	
21			15	Reduce the Emissions from Non-Road Vehicles and Related Equipment	Preference to bidders on state jobs with repowered, rebuilt or refueled diesel equipment		By ozone season of 2005	
21			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Use of intelligent transportation systems		By ozone season of 2005	
22	Haywood county, Tennessee	Haywood county near Memphis)	5.1	Implement truck stop electrification program	truck stop electrification program		By 2005	
22			8.5	Restrict the Idling Time of Vehicles	Anti-idling regulation; discuss with school board		By 2005	
22			4	Increase the use of modified fossil fuels	encourage city/county and school board		By 2005	
22			15	Reduce the Emissions from Non-Road Vehicles and Related Equipment	Preference to bidders on state jobs with repowered, rebuilt or refueled diesel equipment		By 2005	

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22			13.1	Restrict or ban outdoor burning	open burning restrictions on ozone action days		By 2005	
22			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	public education at community events		By 2005	
22			8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	support enforcement of the smoking vehicle regulation		By 2005	
22			10.4	Develop and Implement a Student Outreach Program	student out reach; educate future drivers on impact of motor vehicles on the environment		By 2005	
23	Knoxville, Tennessee	Knox, Anderson, Union, Loudon, Blount, Sevier, Jefferson counties	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Employer trip reduction program	Nox-0.04 TPD; VOC-0.05 TPD-end of 2003; Nox-0.20 TPD; Voc- 0.28 TPD - 2005	2003; 2005	
23			4	Increase the use of modified fossil fuels	Use cleaner fuels			
23			8.5	Restrict the Idling Time of Vehicles	limit long duration idling			
23			3.4	Shift Construction Work and Lawn Moving to Afternoon Periods	Reduce a lawn and garden equipment emissions			
23			6	Reduce energy demand through conservation and energy efficiency	enhance energy efficiency and conservation efforts			
23			1.1	Implement Stage I Vapor Recovery Program	Stage I vapor recovery			
23			5.1	Implement truck stop electrification program	truck stop electrification program			
23			8.5	Restrict the Idling Time of Vehicles	anti-idling regulation			
23			4.2	Use of low Reid vapor pressure fuels	Lowering of Reid vapor pressure			
23			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Smart trips/commuter choice programs			
24.1	Memphis Area - Mississippi	DeSoto County						UAM-V model is being used. Episodes in 1999, 2001 have been modeled
24.1	Memphis Area- Mississippi	DeSoto County	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	VOC RACT for major sources	0.35 TPD	2007	
24.1			11.4	Early Implement of VOC and NOx RACT	Early implementation of VOC RACT for Major Sources	0.35 TPD	2005	
24.1			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	NOxRACT for Major Sources	0.7 TPD	2007	
24.1			11.4	Early Implement of VOC and NOx RACT	Early Nox Reduction for Major sources	0.45	2005	
24.1			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Nox RACT for Major Sources in Adjoining Counties	3.64 TPD	2007	
24.1			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Early NOx Reduction for Major sources in adjoining Counties	2.0 TPD	2005	
24.1			3.1	Ban or Restrict Open Burning and Other High-Emission Activities on Ozone Action Days	Prohibit open burning on Ozone Action Days	Nox - 0.35 TPD; VOC -0.81 TPD	in 2 years	
24.1			1.1	Implement Stage 1 Vapor Recovery Program	Stage I gasoline vapor recovery regulations	VOC-1 TPD	2007	
24.1					Early implementation of Stage I Vapor Recovery	VOC-1 TPD	2005	
24.1			8.5	Restrict the Idling Time of Vehicles	Idling limits for diesel engines	NOx - 0.3 TPD	in 2 years	
24.1			8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	Remote sensing of emissions violators in mobile sources	Nox - 0.12 TPD; VOC-0.3 TPD	in 2 years	
24.1			4.2	Use of Low Reid Vapor Pressure Fuels	Low RVP fuels	VOC-0.1 TPD	in 2 years	

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24.1			4.3	Use of Low-Sulfur Fuels	Tier II or ultra-low sulfur gasoline	NOX - 5.0%; VOC- 1.6%	in 2 years	
24.1			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Park and Ride lots	Nox - 0.047 TPD		
24.1			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	ITS Enhancements and Signalization Systems	Nox - 0.011 TPD; VOC-0.01 TPD		
24.1			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Develop more strategic pedestrian and biking programs that would connect Memphis-area biking and pedestrian paths for contiguous travel (assume 1,000 bikers)	NOX - 0.01 TPD-bike; 0.002 TPD-walk		
24.1			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Continue HOV lanes on I-55 from the Tennessee state line south to Goodman Road exit in Mississippi	Nox-0.02 TPD; VOC-0.03 TPD		
24.1			10.1	Implement and Publicize an Ozone Action Day Program	Ozone action days	3% claimed for this and all below voluntary measures	in 2 years	
24.1					Stationary source voluntary measures on ozone action days		in 2 years	
24.1			3	Seasonal, Ozone Action Day and Time-of-Day Scheduling Strategies	MDOT/County Road Reductions on ozone action days (e.g., delay of lawn maintenance activities, open burning, etc)		in 2 years	
24.1			8.5	Restrict the Idling Time of Vehicles	voluntary program for limiting idling time of diesel engine fleets and distribution centers		in 2 years	
24.1			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Rideshare program		in 2 years	
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	8.5	Restrict Idling Time of Vehicles	Petro Stopping Center has installed IdleAir equipment on parking truck spaces	Estimated NOx emissions reductions: 16 tpy (.04 tpd)	6/30/2003	
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	3	Seasonal, Ozone Action Day, and Time-of-Day Scheduling Strategies	Negotiate w/ TVA for Title V to turn on SCR on ozone action days			
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	11	Support and/or Expand Existing Federal and State Air Quality Programs	Negotiate w/ TVA to make NOx SIP Call emission reductions during the ozone season			
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	4.3	Use of Low-Sulfur Fuels	Premcor Refining, Inc. and ExxonMobil have agreed to supply Tier II low sulfur fuels.	Estimated VOC reductions: 80-100 tons per ozone season, or 0.18 tpd	Varies by facility	
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	11.2	Expand Controls on Facilities Beyond Existing State Requirements	MS and AR working with legislatures to obtain legal authority to be more stringent than Federal requirements on low-sulfur fuels			
24.2	Memphis Area	Crittenden, DeSoto, Fayette, and Tipton Counties (Memphis MSA)	1.1	Implement Stage I Vapor Recovery Program	Implement Stage I vapor controls	Estimated VOC reductions: 2.11 tpd per ozone season		
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	5.1	Implement Truck Stop Electrification Program	Airport Authority has electrified all gates with a system that provides power for heating, cooling, and other electrical needs of planes while parked at gates		Completed in mid-1980s	
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	8.5	Restrict Idling Time of Vehicles	Airport Authority has completed construction of Automated Vehicle Identification System which measures idling time at the curb by shuttles and taxis. Airport Authority will offer financial incentives for reduced dwell times.	Working on quantification	2004	
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	8	Reduce the Emissions from Vehicles	Airport Authority has planned Consolidated Ground Transport Facility which will eliminate 80% of shuttles from rental car agencies that would be relocated to this parcel	Quantifiable		

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24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	5.3	Increase Use of LEV and SULEV Vehicles	Hybrid vehicles used to fuel planes at the airport.	Quantifiable		
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	15	Reduce the Emissions from Non-Road Vehicles and Related Equipment	FedEx uses conveyor system at airport gates instead of tugs.	Quantifiable		
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	6.3	Implement Energy Efficiency in the Operation and Design of Facilities and in the Purchase and Use of Equipment	FedEx and Northwest have paid to install new underground fuel pipeline to increase capacity and throughput of aviation fuel eliminating truck deliveries of aviation fuel at the airport	Quantifiable		
24.2	Memphis Area	Memphis MSA	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Negotiations are occurring expected to result in reductions of emissions of VOCs and NOx	Expected to result in hundreds of tons of reductions of VOC and NOx emissions		
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Publish articles on air quality			
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	10.2	Establish a Point-of-Contact and Support Resources for Stakeholders and the Public to Obtain Air Quality and Other Environmental Information	EAC information is on two websites: http://www.state.tn.us/environmental/apc/eac http://www.co.shelby.tn.us/county_gov/divisions/health_serv/enviro_n_h_ealth/air_pollution/index.htm			
24.2	Memphis Area	Shelby, Tipton, Fayette Counties (TN), DeSoto County (MS), and Crittenden County (AR)						Contractor for AR-TN-MS Ozone Study has selected 8-hour ozone exceedance episodes for modeling: 12 day episode in 1999 and 7-day episode in 2001. They are using EPA-approved models (ATMOS). Refinements made to model and four "tags" were selected to determine contribution of mobile sources on exceedance days. Received corrected emissions figures from natural gas pipeline sources. Corrected modeling results presented 12/18/03. Have had discussions of attainment demonstrations vs. WOE. Link to 12/03 progress report: report
24.2	Memphis Area	Memphis (TN), Shelby County (TN), Crittenden County (AR)	12	Organize Committees and Associations of Stakeholders to Coordinate Air Quality Improvement Efforts	Employees of representative local agencies were designated to further discuss roles and steps in the EAC process.			
25	Nashville, Tennessee	Davidson, Rutherford, Williamson, Wilson, Sumner, Robertson, Cheatham, Dickson counties	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	rideshare programs	Nox- 0.008 TPD; VOC-0.01 TPD		
25			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	new greenways/walkways	Nox- 0.061 TPD; VOC -0.077 TPD		
25			7	Reduce Air quality Impacts thru better land use management	land use controls to reduce VMT	NOX-0.61; VOC-0.25		
25			8.3	Implement and/or Expand Vehicle Inspection & Maintenance Programs	more stringent I&M	NOX-2.69; VOC-4.33		
25			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	lower speed limits on interstates	Nox- 10.2; VOC-0.22		
25			4.4	Use cetane and other additives or catalysts in diesel fuels	cetane additives to diesel fuel	Nox- 1.48		
25		Davidson, Rutherford, Williamson, Wilson, Sumner counties	8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	traffic signal synchronization	Nox- 0.50; VOC-0.62		
25			10.1	Implement and Publicize an Ozone Action Day Program	Air quality action day measures	Nox-0.98; VOC-0.39		
25		Davidson, Cheatham, Dickson, Robertson	8.5	Restrict the Idling Time of Vehicles	reduce school bus idling	NOX-0.11; VOC-0.001		

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25		Davidson, Rutherford counties	8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	HOV lane expansion	Nox-0.036; VOC-0.047		
25		Davidson, Wilson counties	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	new rail service	Nox-0.041; VOC-0.074		
25		Davidson county	8	Reduce the emissions from vehicles	trip reduction plans	Nox-0.040; VOC-0.051		
25			9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Improve bus rider ship	Nox-0.01; VOC-0.012		
25			8	Reduce the emissions from vehicles	roadside assistance programs	Nox, VOC-0.031		
25			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	elevated point source controls	Nox-2.12;VOC-0.022		
25			13.1	Restrict or ban outdoor burning	restrict open burning of land clearing material on ozone action days	NOX-0.11; VOC- 0.42		
26	Putnam County, Tennessee	Putnam county	8.3	Implement and/or Expand Vehicle Inspection & Maintenance Programs	support evaluation of an IM program		By 2005	
26			11.4	Early implement of VOC and Nox RACT	support statewide Nox RACT low Nox combustion		By 2005	
26			8.1	Implement Programs to Increase Fleet Turnover to Newer Vehicles	encourage accelerated replacement with newer lower emitting vehicles for both on-road HDDV and on and off-road diesel vehicles		By 2005	
26			4.4	Use cetaine and other additives or catalysts in diesel fuels	support use of cetane diesel fuel additives		By 2005	
26			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Consider traffic signalization/synchronization and roadside assistance		By 2005	
26			8.5	Restrict the Idling Time of Vehicles	Post signs at truck stops to encourage no idling; no idle rule for school buses		By 2005	
26			13.1	Restrict or ban outdoor burning	Ban open burning on ozone action days		By 2005	
26			10.4	Develop and Implement a Student Outreach Program	Student out reach education		By 2005	
26			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Public education at community events		By 2005	
27	Johnson City, Kingsport, Bristol, Tennessee	Sullivan, Hawkins, Washington, Unicol, Carter, Johnson counties	10.1	Implement and Publicize an Ozone Action Day Program	Ozone Action Day Program	All controls result in reductions of Nox-2 TPD; VOC-5 TPD		
27			13.1	Restrict or ban outdoor burning	open burning ban on ozone action days			
27			8.3	Implement and/or Expand Vehicle Inspection & Maintenance Programs	Vehicle emission testing program in Sullivan county only			
27			8	Reduce the emissions from vehicles	Prohibit vehicles tampering via state regulations			
27			8.2	Establish Programs to Identify and Repair or Replace High-Emitter Vehicles	prohibit smoking vehicles via state regulations			
27			8.5	Restrict the Idling Time of Vehicles	limit idling of motor vehicles to 3 minutes via state regulations			
28	Austin/San Marcos, Texas	Travis, Williamson, hays counties	8.3	Implement and/or expand vehicle inspection and maintenance programs	Require vehicle emission testing for al vehicles 2-24 years old	Nox -3.19 TPD; VOC-4.19 TPD	Before 12/31/05	
28		Travis, Williamson, hays, Bastrop and Caldwell counties	8.5	Restrict the idling time of vehicles	State law t restrict idling of gasoline and diesel engines in heavy-duty motor vehicles greater than 8500 gross vehicle weight to 5 consecutive minutes	NOX- 0.28	Before 12/31/05	

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28			9.2	Implement programs to increase carpooling, ridesharing and the use of public transportation	Require any employer with 100 or more employees to implement a commute emission reduction program that will reduce emissions by 10%	NOx- 0.54 TPD; VOC- 0.60 TPD	Before 12/31/05	
28			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Commercial lawn and garden firms required to submit an emissions reduction plan documenting 20% reduction	Nox-0.21 TPD	Before 12/31/05	
28			1.1	Implement Stage 1 Vapor recovery program	Require Stage 1 vapor recovery for service stations 25,000-gallons/month	VOC - 3.82 TPD	Before 12/31/05	
28			1.3	Use new low-emission fuel containers	All new gas containers - spill proof, low emission standards	VOC - 1.97 TPD	Before 12/31/05	
28			14.1	Control VOC Emissions from a variety of painting and coating operation	State rule for architectural and industrial coatings	VOC-1.6 TPD	Before 12/31/05	
28			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	lower VOC for degreasing operations	VOC-6.28 TPD	Before 12/31/05	
28			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	lower VOC for auto body refinishing	VOC - 0.28 TPD	Before 12/31/05	
28			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Prohibit the sale/transport of conventional cut-back asphalt	TBD	Before 12/31/05	
28			11.6	Require BACT on major emission sources	Require BACT and 1:1 offsets for all new or modified point sources that emit at least 100 TPY	TBD	Before 12/31/05	
28			4.2	Use of low Reid vapor pressure fuels	Lowered from 7.8 to 7.0 during ozone season	TBD	Before 12/31/05	
28			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Operation of dry cleaning facility by complying with dryer, filtration system, and fugitive emissions. 85% VOC emissions	VOC- 1.06 TPD	Before 12/31/05	
28			14.2	Control Nox emissions from combustion processes	State funded grant program to reduce diesel emissions	TBD	Before 12/31/05	
28			14.2	Control Nox emissions from combustion processes	cap Nox emissions of Austin Energy; LCRA is considering a cap; UT- considering 75% reduction in grandfathered units	TBD	Before 12/31/05	
28		Austin; Travis, Williamson and Hays counties	4.4	Use cetaine and other additives or catalysts in diesel fuels	Provide incentives/grants to cover the incremental cost of cleaner fuel			
28		Austin; Travis, Williamson and counties	4.4	Use cetaine and other additives or catalysts in diesel fuels	Purchase and use Texas low emission diesel in on and non-road vehicles and equipment			
28		Austin, Elgin; Travis, Williamson, Bastrop Counties	9	Reduce the emissions from vehicles	Implement transportation projects and programs that reduce emissions including park and ride and bike/ped facilities and other measures			
28		Bastrop, Elgin, Lockhart	8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	Managing roadway access; consolidating access to multiple business; etc			
28		Austin, Elgin; Bastrop	9.2	Implement programs to increase carpooling, ridesharing and the use of public transportation;	Require all new non-residential developments of at least 25,000 sq ft to include bike commuting facilities and preferential carpool parking spaces			
28		Austin	8.5	Restrict the idling time of vehicles	Encourage businesses with drive-thru to ask customers to come inside on Ozone Action Days			
28		Bastrop, Elgin	7	Reduce Air Quality Impacts through Better Land Use Management	Expedited permitting process and/or other incentives for mixed use, transit orientated, or in-fill development			

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28		Austin	5;5.2	Convert Off-Road Vehicles and Other Equipment Engines to Electric or Propane	Use of electric or alternative fuels for airport ground support equipment(GSE); Airside incentives for GSE use reduction; integrate alternate fuels into City's aviation fleet; operate alternative fueled surface parking lot shuttle buses			
28		Austin, Bastrop, Elgin	14.1	Control VOC Emissions from a variety of painting and coating operation	Require use of reformulated striping material products			
28		Bastrop, Elgin	13.1	Restrict or ban outdoor burning	Ban open burning of yard waste during peak ozone season			
28		Austin, Bastrop, Elgin; Williamson, Hays counties	7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Implement landscape ordinances to require additional urban tree planting			
28		Austin	6.3	Implement Energy Efficiency in the Operation and Design of Facilities and in the Purchase and Use of Equipment	Extend energy efficiency requirements in building design; revision to codes and standards			
28		Austin	6	Reduce energy demand thru conservation and energy efficiency	Require commercial facilities to develop overnight the reservoir of cold water needed to meet air conditioning			
28		Austin	14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	To meet peak demands, ramp up power generation facilities that are either cleaner than normally used or located away from high Nox producing areas			
28		Austin	5.3	Increase the use of LEV and SULEV vehicles	Provide incentives for the purchase and use of Tier 2 Bin3 or cleaner vehicles			
28		Austin; Travis, Williamson counties	8	Reduce the emissions from vehicles	Evaluate and improve the efficiency of fleet usage, including using alternative or clean fueled vehicles			
28		Austin	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	encourage and provide tools for programs such as teleworking, compressed work week, carpooling/vanpooling, flexitime			
28		Austin, Bastrop, Hays county	9	Reduce the vehicle miles traveled	Offer employees direct deposit			
28		Austin; Hays and Williamson counties	9	Reduce the vehicle miles traveled	Provide web-based services, both for information and transactions			
28		Austin; Hays county	8	Reduce the emissions from vehicles	Promote fueling vehicles after peak hot periods of the day			
28		Austin	7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Develop and implement Urban Heat Island mitigation strategies through vegetation, cool roofing and light colored pavement			
28		Austin	6.2	Implement Programs to Increase the Use of Energy Star "Green" Products	Increase investments by Central Texas electric utility providers in energy demand management programs			
28		Austin	13	Restrict or eliminate specific activities impacting air quality	Public contracts may include provisions to limit construction activities and equipment operation during high ozone days			
28		Bastrop, Elgin	11.2	Expand Controls on Facilities Beyond Existing State Requirements	Ensure emission reductions in SEPs, BEPs and similar agreements			
28		Austin, Bastrop, Elgin; Hays County	10.1	Implement and Publicize an Ozone Action Day Program	Implement a program; also a program of specific emission reduction measures			
29	Northeast Texas(Longview, Marshall & Tyler MSA's)	Gregg, Harrison, Rusk, Smith, Upshur counties		Implement Leak Detection and Repair Programs				CAMx version 4.03; meteorology from MM% version
29		Longview	2.1	Implement Leak Detection and Repair Programs	HuntsmanChemical and Eastman Chemical	0.86 TPD - VOC	Prior to 2004, 2005 ozone season	
29		Gregg, Harrison, Rusk, Smith, Upshur counties	14.2	Control NOx Emissions from Combustion Processes	Texas emissions reduction plan - pay for Nox reductions from gas compressors			

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29			10,10.3	Implement and Publicize an Ozone Action Day Program	Ozone action days; public meetings		2003	
29		Longview, Tyler	6.1	Implement Programs to Increase Conservation and Improve the Energy Efficiency of Buildings	Longview, Tyler energy efficiency improvements			
29		Gregg, Harrison, Rusk, Smith, Upshur counties	11.3	Participate in Clean Cities Program	Cien-fueled vehicles			
30	San Antonio area, Texas	Bexar, Wilson, Comal, Guadalupe counties	4.2	Use of Low Reid Vapor Pressure Fuels	Gasoline sulfur strategy reduce to max level of 30 ppm; average - 15 ppm		Before 12/31/05	Southern Oxidants Study
30			1.1	Implement Stage I Vapor Recovery Program	Implement program		Before 12/31/05	
30			4.2	Use of Low Reid Vapor Pressure Fuels	Lower RVP from 7.8 to 7.2		Before 12/31/05	
30			8.3	Implement and/or Expand Vehicle Inspection & Maintenance Programs	ASM with OBD II strategy - Texas Vehicle Emissions Testing Program		Before 12/31/05	
30			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Solvent based and equipment based degreasing standards		Before 12/31/05	
30			6	Reduce energy demand thru conservation and energy efficiency	Municipal compliance with International Energy Conservation Code and Texas Senate Bill 5		Before 12/31/05	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	10.4	Develop and Implement a Student Outreach Program	School-based public awareness program developed		2004	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	10.1	Implement and Publicize an Ozone Action Day Program	Public awareness program, Employers-based Ozone Action Days Program, Ozone Action Days for Area Sources, Dynamic Message Signs, Video Monitor System Deployment		2004, except for area sources which is 2003	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness		Non-modeled reductions (year 2007 tpd) Combined measures for categories 10 and 3.4: 1.80 Nox 1.14 VOC		
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	9.2	Implement Programs to Increase Carpooling, Ridesharing, and the Use of Public Transportation	Enhance/Expand existing Ridesharing Program	Non-modeled reductions (year 2007 tpd) Combined measures for categories 9.1, 9.2, 9.3, 7, and 7.1: 0.28 Nox 0.38 VOC	2004	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Bicycle and Pedestrian Accommodation		2004	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	9.3	Develop Workplace Programs as Telecommuting and Flexible Scheduling to Reduce Travel Demands	Promote telecommuting		2004	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	7	Reduce Air Quality Impacts through Better Land Use Management	Promote mixed use development		2004	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Promote green space accommodation		2004	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	13.1	Ban or Restrict Open Burning and Other High-Emission Activities on Ozone Action Days	Adopt restrictions that prohibit open burning associated with land clearing and construction activities	Non-modeled reductions (year 2007 tpd): 0.002 Nox 0.004 VOC	2004	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	8.5	Restrict the Idling Time of Vehicles	Adopt truck and school bus engine idling restrictions	Non-modeled reductions (year 2007 tpd): 0.15 Nox 0.005 VOC	2005	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	8.6	Implement Retrofit Programs for Diesel Engines	Retrofit school buses and heavy duty diesel engines	Non-modeled reductions (year 2007 tpd): 0.08 Nox 0.04 VOC	Phase-in 2005	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	11	Support and/or Expand Existing Federal and State Air Quality Programs	Requires reformulated coatings to meet lower VOC content limits than the current federal rule (Architectural/Industrial Maintenance Coatings Rule)	Non-modeled reductions (year 2007 tpd): 1.14 VOC	Post 2005 (Phase II)	

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31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	1.3	Use New Low-Emission Fuel Containers	Specifies performance standards for portable fuel containers and/or spouts, which reduce emissions from storage, transport, and refueling activities	Non-modeled reductions (year 2007 tpd): 0.004 VOC	Post 2005 (Phase II)	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County			Requires lower VOC contents for paints and use of improved transfer efficiency application and cleaning equipment (Mobile Equipment Repair and Refinishing Rule)	Non-modeled reductions (year 2007 tpd): 0.37 VOC	Post 2005 (Phase II)	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County			Establishes hardware and operating requirements for vapor cleaning machines used to clean metal parts. Volatility restrictions for cold cleaning solvents (Solvent Cleaning Operations Rule)	Non-modeled reductions (year 2007 tpd): 0.37 VOC	Post 2005 (Phase II)	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	5.1	Implement Truck Stop Electrification Program	Development of incentives to encourage electrification at truck stops to reduce engine idling	Non-modeled reductions (year 2007 tpd): 0.15 Nox VOC not estimated	Post 2005 (Phase II)	
31	Northern Shenandoah Valley Region -- Virginia	City of Winchester & Frederick County	0					No modeling information submitted. [No 12/03 progress report on website]
32	Roanoke Area-Virginia	Botetourt, Roanoke counties; cities of Roanoke and Salem; town of Vinton						Models3/CMAQ
32			8.5	Restrict the Idling Time of Vehicles	Locomotive			
32			8.5	Restrict the Idling Time of Vehicles	School buses	Nox - 0.74 TPY	ASAP	
32			8.6	Implement Retrofit Programs for Diesel Engines	Retrofit 100 Roanoke county school buses with oxidation catalyst	HC- 0.26 TPY	Jul-04	
32			5	Expand the Use of Alternative Fuels and Energy Sources	Purchase more efficient bio-diesel alternate fuel solid waste trucks	Nox- 250 kg/yr	2003-2007	
32			5	Expand the Use of Alternative Fuels and Energy Sources	Purchase ethanol compatible alternative fuel vehicles		2003-2007	
32			5	Expand the Use of Alternative Fuels and Energy Sources	Purchase new cleaner waste trucks that use biodiesel			
32			5.3	Increase the Use of LEV and SULEV Vehicles	Purchase/use hybrid vehicles		2003-2007	
32			5.3	Increase the Use of LEV and SULEV Vehicles	Purchase more efficient low emission and alternate fuel vehicles		2004-?	
32			10.1	Implement and Publicize an Ozone Action Day Program	Voluntary EAC pledges and air quality action day from local businesses		2003-2007	
32			8	Reduce Emissions from Vehicles	Voluntary program with gas stations to promote refueling early in morning or later at night; mandatory agreement from local governments		Ozone season 2004	
32			10	Provide Educational Programs for Stakeholders and the Public on Environmental Issues and Awareness	Encourage the purchase of fuel efficient vehicles		Ozone season 2004	
32			10.1	Implement and Publicize an Ozone Action Day Program	Media and public relations regarding air quality action days		2005	
32			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	Transit pass for college students and employees		2005-2007	
32			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Increase bicycle infrastructure; bike routes		2005 - continuing	
32			10.4	Develop and implement student outreach program	school based public education K-12 and adult education		2005 - continuing	
32			7.1	Plant Trees and Use Landscaping and Other Techniques to Reduce the "Heat Island Effect"	Tree canopy/urban forestry		2005 - continuing	

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32			9.2	Implement Programs to Increase Carpooling, Ridesharing and the Use of Public Transportation	new bus service between Roanoke, Salem, Blacksburg and Christiansburg		April 2004-June 2006	
32			15	Reduce the emissions from non-road vehicles and related equipment	Replace gasoline golf carts and turf care equipment with low emitting or electric equipment		End of 2005	
32			15	Reduce the emissions from non-road vehicles and related equipment	buyback program for old lawn & garden equipment and purchase of electric equipment		2004/2005	
32			15	Reduce the emissions from non-road vehicles and related equipment	Episodic restriction on general use of lawn and garden equipment during ozone nonattainment days		2004	
32			15	Reduce the emissions from non-road vehicles and related equipment	Episodic ban on the use of lawn and garden equipment during ozone nonattainment days by state and local governments		2004	
33	Eastern Pan Handle Region - WV	Berkeley, Jefferson counties						EPA's Models3/CMAQ model
33			10.3	Develop and Implement Educational Programs to Promote Environmental Awareness and Action	Increase public's understanding of air quality issues	TPD - Nox - 0.88; VOC-0.72	2004	
33			9.1	Implement Programs to Increase Walking and Bicycling Modes of Travel	Promote bicycling and walking by promotional activities and enhancing the environment	TPD- Nox-0.12; VOC-0.20		
33			8.5	Restrict the Idling Time of Vehicles	Restrict idling times for heavy duty diesel engines in truck and school buses	Nox-0.17; VOC-0.01	2005	
33			8	Reduce Emissions from Vehicles	Voluntary incentive program for the ground freight industry	NOX - 5.58; VOC -0.29	2005	
33			13.1	Restrict or Ban Outdoor Burning	increase public awareness	Nox- 0.0005; VOC-0.0054	2004	
33			4.1	Use Reformulated Gasoline and/or Bio-Fuels	Require sale of lower Reid vapor pressure gasoline	VOC-0.94	2005	
33			8.6	Implement Retrofit Programs for Diesel Engines	Retrofit school buses	Nox-0.02; VOC-0.001	2004	
33			11.4	Early Implement of VOC and NOx RACT	Adopt state requirements for VOC control in NA areas	VOC-1.29	undetermined	
33			5	Expand the Use of Alternative Fuels and Energy Sources	Encourage fleet owners to use alternate fuels		undetermined	
33			5.1	Implement Truck Stop Electrification Program	Develop a program to encourage the electrification	Nox-0.17; VOC-0.01	undetermined	
9;10	Oklahoma City Central OK); Tulsa Oklahoma	Canadian, Cleveland, Logan, McClain, Oklahoma, Pottawatomie counties; Tulsa and parts of Creek, Osage, Rogers, and Wagoner counties						MM5 model;CAMx photochemical grid model
9;10			1.1	Implement Stage I vapor recovery program	Stage I vapor recovery	0-5% VOC reduction		
9;10			4.1	Use reformulated gasoline and/or Bio-fuels	Mandatory low RVP gasoline	5-10% VOC reduction		
9;10			8	Reduce the emissions from vehicles	Clean Fleet Program- public and private sector	<1% Nox reduction		
9;10			8.5	Restrict the Idling Time of Vehicles	Trucks restricted to 5 consecutive minutes	0-5% Nox reduction		
9;10			8.3	Implement and/or Expand Vehicle Inspection & Maintenance Programs	Basic I/M; tailpipe emissions test	10-15% mobile emissions reduction		
9;10			8.4	Utilize Transportation System Design and Traffic Flow Control Methods to Reduce Vehicle Emissions	High occupancy vehicle lanes; arterial traffic management programs	0-5% mobile emissions reduction		
9;10			8	Reduce the emissions from vehicles	speed limit reduction - on interstate and state highways	10-15% Nox reduction to mobile emissions		
9;10			14.2	Control Nox emissions from combustion processes	Reductions for new gas-fired water heaters, small boilers and process heaters	5-10% area Nox emissions reduction		
9;10			14	Reduce VOC and/or NOx Emissions from Stationary Sources and Other Source Categories	Glycol dehydrators	1-10% area - VOC reduction		
9;10			14.2	Control Nox emissions from combustion processes	convert natural gas compressor engines to electric			

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9;10			14.2	Control Nox emissions from combustion processes	EGU and gas turbines-emissions cap and trade program	10-20% Nox reduction to stationary emissions		
9;10			6	Reduce energy demand through conservation and energy efficiency	energy efficiency programs			