

# **Attachment 4**

## **Waccamaw Area**

### **Local Early Action Plans**

**June 2006**

**D H E C**



**Early Action Compacts June 2006 Progress Summary Table**

A. Control Measure under Consideration	B. Summary Description of Measure	C. Program/Measure Status	D. Specific Implementation Date	E. VOC Reduction	F. NOx Reduction	G. Resources (FTE's, \$\$)	H. Additional Information
<b>Waccamaw, SC (Designated - Attainment)</b>							
<b>JUNE 2006 GEORGETOWN COUNTY</b> <b>Based on stakeholder consultation and taking into consideration resource and political constraints, the following emission reduction strategies remain under consideration. The County will continue to evaluate the air quality within the county and may implement one or more of the following measures under consideration.</b>							
New Employee Orientation	Encourage employees to be ozone friendly during the new employee orientation.	The New Employee Orientation is conducted once a quarter. The PowerPoint presentation has a slide concerning air quality. Our no idling policy is discussed.	Every 6 Months.	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Assign Ozone Action Coordinators	Holley Causey has been assigned as the ozone action coordinator.	Holley Causey is the Ozone Action Coordinator.	Completed	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Distribute informational flyers	Flyers concerning ozone issues and helpful individual actions will be given to county employees and citizens.	Spare the Air flyers, Air Quality Word Searches, and Fall Car Care Month flyers were distributed with employee paychecks. Two educational ads were placed in local newspapers.	Completed	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Ozone awareness articles on Intranet	The action coordinators will promote ozone awareness by developing articles for the County website.	Informational ads were placed on the county website.	Every 2 Months	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
E-mail county employees with Ozone Action Days	E-mails will be sent to each county employee on the county website notifying ozone action alert days.	Georgetown County will continue to implement this program.	High Ozone Days	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Include information on ozone awareness on county website	Information will be added to the county website to educate the public about ozone awareness.	The Environmental Education Center Lessons have been posted on the website which shows air quality lessons taught. The ozoneforecast@dhec.sc.gov link has been added to the county website.	Completed	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Refuel vehicles at night when possible	Mosquito Control will have night shift refuel spray units at night.	This program has been implemented by the Mosquito Control Division and will continue next year.	Completed	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Encourage employees not to top off tank when refueling	Employees will be reminded in staff meetings not to top off tank when refueling.	Employees were reminded during monthly staff meetings not to top off tanks when fueling.	Completed	n/a directionally sound	n/a directionally sound	n/a	
Institute energy conservation measures in county offices	Signs will be posted and reminders sent to employees to follow energy conservation measures	Reminders were posted on departments bulletin boards to remind employees to turn off lights and computers. Air Quality posters were also hung in various county offices.	Completed	n/a directionally sound	n/a directionally sound	n/a	
Develop bike trail system in county	A bike trail system is being constructed in parts of the county.	Phase One which includes 7200' of the bike trail will be completed in January. The second phase which will complete an additional 5000' is pending on grant approval.	In Progress	n/a directionally sound	n/a directionally sound	n/a	
Implement smoking vehicle program	Have First Vehicle Services implement a smoking vehicle program and conduct checks on leaking gas caps	The County's Fleet Services Division has implemented a no smoking policy. Each vehicle is also routinely checked for leaking gas caps.	Completed	n/a directionally sound	n/a directionally sound	n/a	
Implement reduction of idle or no idle policy	Have Director implement no idle standard operating procedure	A No Idling Policy Standard Operations Procedure was implemented May 6, 2004. This policy is strictly enforced.	Completed	n/a directionally sound	n/a directionally sound	n/a	
Develop energy element in comprehensive plan	An energy element should be implemented in the county comprehensive plan	The Energy Element will be incorporated into the comprehensive plan which will be completed in 2007.	Completed	n/a directionally sound	n/a directionally sound	n/a	
Encourage employees to use alternatives for transportation	Encourage employees to carpool or bike to work	A pool car list has been added to the County Intranet to encourage employees to carpool to meetings.	Completed	n/a directionally sound	n/a directionally sound	n/a	
Encourage employees to bring lunch to work or order in	Have menus of restaurants that provide delivery service in all county break rooms	Menus from area restaurants are posted on bulletin boards to encourage employees to order food on the job site.	In Progress	n/a directionally sound	n/a directionally sound	n/a	
Educate citizens about air quality issues	Educate citizens through informational flyers at recycling centers and the county's Environmental Education Center.	Flyers and educational courses are offered on a regular basis.	Completed	n/a directionally sound	n/a directionally sound	n/a	
Include air quality lessons in EEC Curriculum	Teach lessons from the Action for a cleaner tomorrow book at the EEC	Air quality lessons are taught using the Action for a Cleaner Tomorrow Lesson Book. Each lesson date and classis posted on our county website.	Completed	n/a directionally sound	n/a directionally sound	n/a	
Place standard catalytic reductions on two units	Two units will be equipped with SCR to reduce emissions	Currently, the Winyah Station has 4 units completed.	Completed	n/a directionally sound	80-90%	n/a	Contact Leon Outlaw at 843-761-8000
Electric cars will be purchased for on site mobilization	Electric cars will be used for transportation at the office	In the process of researching electric car purchase. Santee Cooper is still driving the E85 fueled car.	In Progress	n/a directionally sound	n/a directionally sound	n/a	
Purchase alternative fuel vehicles as company cars	Increase fleet of company cars that use E80 fuel for transportation	Currently are operating one E85 fuel driven car. Will research the possibility of increasing fleet in future.	In Progress	n/a directionally sound	n/a directionally sound	n/a	
Providing flexible hours of operation for employees	Company will have a flexible working schedule for employees	Santee Cooper does offer flexible schedules which varies within departments.	In Progress	n/a directionally sound	n/a directionally sound	n/a	

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Grant Writing	Christa Williams has written a grant to increase ozone awareness and educate the public on greenhouse gases. This grant would provide the county with a new education center, technology, and a hybrid vehicle.	This grant will be applied for to increase awareness of air quality.	June 9, 2006	n/a directionally sound	n/a directionally sound	n/a	
Implement Residential Development Ordinance	Establish an ordinance that requires new developments over 10 lots to install a bike trail or sidewalks.		In Progress	n/a directionally sound	n/a directionally sound	n/a	
				n/a directionally sound	n/a directionally sound	n/a	
<p><b>Comments:</b></p> <p>1. December 2004 - SC EAC SIP - activity not quantified for several reasons (first) in accordance with EAC Protocol, after all adopted Federal and State controls were accounted for in the modeling, it was determined that local controls were not necessary to demonstrate attainment of the 8-hour ozone standard. Measures were submitted by the local areas to show their continued support and commitment to the EAC process. (second) this activity is directionally sound and should provide air quality benefits and in some cases measurable results. The progress toward implementing this activity and the benefits derived will be documented as a part of the ongoing reporting requirements.</p> <p>2. December 2003 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac.html">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac.html</a> - additional information provided by the county to include "findings", "advantages/disadvantages", "recommendations", "costs", etc....</p> <p>3. March 2004 - Local Early Action Plan - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0304.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0304.asp</a></p> <p>4. June 2004 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0604.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0604.asp</a></p> <p>5. December 2004 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_1204.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_1204.asp</a></p> <p>6. December 2004 - SC EAC SIP - Including Appendix 8 (Local Early Action Plans and the Air Quality Awareness and Improvement Policy) and Appendix 16 (County Level Emission Reductions and Descriptions for the Ozone EAC Areas) - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_sip.html">http://www.scdhec.gov/eqc/baq/html/eap_sip.html</a></p> <p>7. April 20, 2005 - Correspondence to Mr. Palmer including clarifying supplemental information to the EAC SIP submittal of December 2004. - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_sip.html">http://www.scdhec.gov/eqc/baq/html/eap_sip.html</a></p> <p>8. June 2005 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0605.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0605.asp</a></p>							

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<b>Waccamaw, SC (Designated - Attainment)</b>							
<b>JUNE 2006 HORRY COUNTY</b>							
<b>Based on stakeholder consultation and taking into consideration resource and political constraints, the following emission reduction strategies remain under consideration. The County will continue to evaluate the air quality within the county and may implement one or more of the following measures under consideration.</b>							
1. Air Quality Contact	One person will be identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast.	Horry County has identified Paul Whitten (Public Safety Director) as the Air Quality Contact.	March 1, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
2. Support Statewide efforts	The county will support the efforts of SCDHEC regarding statewide reduction strategies.	Horry County continues to support the SCDHEC reduction strategies.	March 1, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Public Awareness	Horry County will develop outreach efforts to educate and motivate individuals to take actions to minimize ozone pollution.	Horry County has made periodic briefings on the Ozone Reduction to the County Council's Public Safety Committee.	August 1, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Hybrid Vehicle	Horry County will purchase and use Hybrid vehicles, where appropriate.	Horry County's Fleet Manager has been researching the feasibility of purchasing hybrid vehicles for government use. He participated in an EXPO on hybrid vehicles on November 18, 2005.	October 1, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Alternative Fuel Vehicles	Horry County will purchase and use fuel-efficient and low emissions vehicles, where appropriate.	Horry County has made a major policy decision to utilize Chevrolet Impala's (instead of Ford Crown Vics) for the Horry County Police Department. The fuel efficiency of the Impala's was the major reason for this policy change. Our analysis indicates almost twice the fuel efficiency in real world application. So far in 2006, we have replaced over 25 Crown Victoria's with Impala's.	January 1, 2005	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Conservation	Horry County will develop an Energy Conservation Plan for county government operations.	Horry County has delayed the development of an Energy Conservation Plan, due to limited resources. This plan is now scheduled for completion by June 2006.	March 1, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Land Use	Horry County will review our current land use regulations to ensure landscaping standards are considered and appropriate.	Horry County has reviewed land use regulations, and additional landscaping standards have been implemented. Specifically the increase is in buffer areas, separating commercial and residential zoning districts.	June 1, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Mobile Sources	Horry County will reduce vehicle emissions in the ambulance fleet by providing electrical power to power air conditioning and heating, while ambulances are in the station. Thus eliminating the need to idle the vehicles.	Currently 14 of our 22 ambulances have this feature, and as we replace older models, we require this in the new vehicles.	May 1, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Mobile Sources	Horry County will encourage carpooling as an option where employees agree to ride together. Horry County will consider incentives to those who participate.	Horry County is re-thinking our parking strategy and is considering the adoption of incentives for those who consider carpooling.	January 1, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Staggered Hours / Flex Time	Horry County will allow staggered and flex hours in scheduling work and work hours, in some departments, as appropriate.	Currently Horry County has several departments utilizing staggered and flex hours.	July 1, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Teleconferencing	Horry County will encourage the use of teleconferencing, and provide appropriate equipment and technologies.	Horry County currently uses teleconferencing in several areas, including long distance job interviews and other applications. In the FY2007 budget, we will fund the necessary equipment to develop a county-city video conference capability.	May 1, 2002	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Mass Transit	Horry County will promote and support mass transit as a transportation option.	Horry County has actively supported mass transit in this area. This was demonstrated by 2 major decisions made by Horry County Council. On Oct 25, 2005, they provided an additional \$107,600 in funds to the Waccamaw Area Regional Transportation Authority. On Nov 29, 2005, county council reclassified the Authority so that they will be eligible for county funding in all future budgets.	July 1, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Green Power	Horry County will support Green Power initiatives, as appropriate.	Horry County supports the Horry County Solid Waste Authority's "GREEN POWER" program. Additional Green Power partners have signed on to this program.	July 1, 2003	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Awareness	Horry County will consider parking facility controls that encourage carpooling, and limits the impact on vehicle operation and parking.	Horry County is re-thinking our parking strategy and is considering the adoption of incentives for those who consider carpooling.	January 1, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
Mobile Sources	Horry County will encourage and support traffic operational planning, engineering and maintenance for existing and future transportation infrastructure.	Horry County supports effective traffic planning, and has been including this in the development of new neighborhoods.	May 1, 2002	n/a directionally sound	n/a directionally sound	n/a	See Comment #3

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<b>Waccamaw, SC (Designated - Attainment)</b>							
<b>JUNE 2006 WILLIAMSBURG COUNTY</b> <b>Based on stakeholder consultation and taking into consideration resource and political constraints, the following emission reduction strategies remain under consideration. The County will continue to evaluate the air quality within the county and may implement one or more of the following measures under consideration.</b>							
1. Air Quality Contact	One person will be identified as the Air Quality Contact. At a minimum, this contact will be responsible for ozone education/outreach and dissemination of ozone forecast.	Completed. An Air Quality Contact was first designated in 2003. The current Air Quality Contact is J. P. Gamble	Jun-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
2. Support Statewide efforts	The county will support the efforts of SCDHEC regarding statewide reduction strategies.	Completed. The county supported SCDHEC in the promulgation of the following regulations: SC61-62.2 "Prohibition of Open Burning" & SC61-62.5 Std. 5.2 "Control of Oxides of Nitrogen. Williamsburg County will continue to be proactive with citizens, industries and government agencies with information and education, bulletins, meetings, etc.	June 25, 2004	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
3. Local Business incentive	Air Quality improvement ideas will be sent to all companies. Will encourage each company to identify a contact person.	We will continue our relationship with all industries in strategies for ozone months of 2006. We will also update our contacts with our companies and identify their representative. On May 2, 2006 the Governor's Proclamation was sent to 58 local industries.	Jun-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
4. Air Quality Strategies	Continue to work with Stakeholders to implement air quality strategies	Will continue to work with our stakeholders to implement strategies to maintain attainment. On May 2, 2006 the Governor's Proclamation was sent to 58 local industries.	Jun-03	n/a directionally sound	n/a directionally sound	n/a	See Comment #3
<b>Comments:</b> 1. December 2004 - SC EAC SIP - activity not quantified for several reasons (first) in accordance with EAC Protocol, after all adopted Federal and State controls were accounted for in the modeling, it was determined that local controls were not necessary to demonstrate attainment of the 8-hour ozone standard. Measures were submitted by the local areas to show their continued support and commitment to the EAC process. (second) this activity is directionally sound and should provide air quality benefits and in some cases measurable results. The progress toward implementing this activity and the benefits derived will be documented as a part of the ongoing reporting requirements. 2. December 2003 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac.html">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac.html</a> - additional information provided by the county to include "findings", "advantages/disadvantages", "recommendations", "costs", etc.... 3. March 2004 - Local Early Action Plan - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0304.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0304.asp</a> 4. June 2004 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0604.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0604.asp</a> 5. December 2004 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_1204.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_1204.asp</a> 6. December 2004 - SC EAC SIP - Including Appendix 8 (Local Early Action Plans and the Air Quality Awareness and Improvement Policy) and Appendix 16 (County Level Emission Reductions and Descriptions for the Ozone EAC Areas) - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_sip.html">http://www.scdhec.gov/eqc/baq/html/eap_sip.html</a> 7. April 20, 2005 - Correspondence to Mr. Palmer including clarifying supplemental information to the EAC SIP submittal of December 2004. - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_sip.html">http://www.scdhec.gov/eqc/baq/html/eap_sip.html</a> 8. June 2005 - Progress Report - See - <a href="http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0605.asp">http://www.scdhec.gov/eqc/baq/html/eap_dpr_eac_0605.asp</a>							