

Early Action Compact Milestone - March 2004  
List of Emission Reduction Strategies under Consideration  
Dorchester County

According to the latest 8-hour ozone monitoring data, Dorchester County should remain attainment for the 8-hour ozone standard. However, in an effort to assist other areas in South Carolina and in the interest of public health and the environment, in December 2002, Dorchester County agreed to participate in the 8-hour ozone early action process. Therefore, based on stakeholder consultation and taking into consideration resource and political constraints, the following emission reduction strategies remain under consideration. Dorchester County will continue to evaluate the air quality within the county and may implement one or more of the following measures under consideration.

Measure under consideration	Detailed description of measure	Current assessment of emission reductions	Proposed date for implementation	Geographic area and/or local government
1. Stakeholders Groups	Continue with Local and Regional Stakeholders Groups to remain current with citizen concerns and who may be experimenting with new ozone technology developments.	N/A	These programs have been in existence since April 2003.	Local and Tri-county area.
2. CHATS support.	The Charleston Area Transportation Study Group continues to establish SCDOT priorities for the Tri-county area. Dorchester County will continue to support those programs to reduce ozone. e.g. Mass Transit initiatives, "Park & Ride" programs, more "walk and bike trails" and initiatives that promotes car pooling.	N/A	CHATS has been active for over a decade. It is not likely to change in the immediate future.	Tri-county area.
3. Government sets the example.	Study to promote more telecommute positions, provide incentives for car pooling when assigning parking spaces. Stagger work hours for employees to avoid rush hour traffic. Continue with flex-work schedules and 4 day work week. Establish policies to encourage pooling of lunch orders from same vender. Study County owned vehicle schedule to shuttle personnel between upper and lower county. Promote high-bred "alternative fuel" vehicles i.e. electric, bio-diesel, LP gas, ethanol etc. for vehicle fleet operations.	N/A	This measure is an attempt to modify regulations and behavior over a period of time. Some of these practices have already been adopted.	Local Community.

4. Solicit the schools to help in the education process.	There are short courses available to be introduced into the syllabus to discuss health hazards and other dangers of ground level ozone. Request Journalism students and/or English students to write articles about the dangers of ozone to be published in the local newspapers. Students encouraged to produce Educational video for television discussing the ozone issues.	N/A	This program will be initiated when EPA designates Dorchester County as borderline attainment.	Local Community.
5. Schools to review existing policies.	Student Transportation policy to be reviewed: more sidewalks and fewer parking spaces. Driving privileges for those students making grades. Assigned parking for only those students with exceptional need to drive. Minimal fee should be charged for cost of security cameras and police personnel in the parking areas. All others must use bus. Construction of schools will include sidewalks and bike trails on all major arteries within a mile radius of the school. Establish rules for vehicle idle times for those waiting for students to be released. (Parents vehicles and busses.)	N/A	This program will be initiated when EPA designates Dorchester County as borderline attainment.	Local Community.
6. Educate the Public as to "What is OZONE?"	TV News and Meteorologists will broadcast existing and forecast Ozone conditions. In addition, they will provide recommendations for their audience similar to their current hurricane readiness announcements.	N/A	This program is scheduled to start in May 2004.	Local Community.
7. Educate the Public as to "What is OZONE?"	An OZONE tent will become a part of the festivals and fairs in the local area to pass out brochures and tracts about ozone. Various contests and prizes can be awarded to stimulate interest.	N/A	This program will be initiated when EPA designates Dorchester County as borderline attainment.	Local Community.

8. Educate the Public as to "What is OZONE?"	A traveling lecturer will visit hospitals, Nursing Homes, Senior Citizen Centers to educate those who are most at-risk. Recommend minimum outdoor activity during periods of high ozone.	N/A	This program will be initiated when EPA designates Dorchester County as borderline attainment.	Local Community.
9. Educate the Public as to "What is OZONE?"	Publish brochure of house-hold tips to reduce ozone. Schedule mowing and fueling vehicles in early morning or late afternoon to avoid the high ozone period. Select electric operated equipment and avoid gas operated landscape equipment.	N/A	This program will be initiated when EPA designates Dorchester County as borderline attainment.	Local Community
10. Planning for future green spaces.	Tree and Landscape Ordinances should encourage use of more deciduous shade trees and fewer pine trees. SC DOT should be required to provide landscaped medians. Industrial developers should be required to provide a landscape plan for the entire site. Commercial builders should landscape parking lots and entrances. Residential builders should avoid strip clearing and have a minimum landscape requirement for treed streets, landscaped entrances and a minimum landscape requirement for each lot.	N/A	Some of these programs are currently in existence. We can do better.	Local Community.
11. Planning for a future with fewer vehicles.	Communities are planned with a grocery/drug/hardware stores within walking distance from homes. Promote mixed zoning, i.e. stores with residential spaces on the upper floors. Encourage more sidewalks and bike trails. Cluster development, Smart Growth, PUD's, mass transit, energy efficient building materials, fuel efficient vehicles, should be encouraged.	N/A	Comprehensive Plan for Government agencies already includes these ideas. Promote adoption of these ideas in future ordinances.	Local Community