US EPA ARCHIVE DOCUMENT

Attachment 5
Santee Lynches Area

South Carolina

June 16th List of Emission Reduction Strategies Under Consideration

June 2003 Progress Report

June 2003

D H E C

PROMOTE PROTECT PROSPER

CLARENDON COUNTY
OFFICE OF THE COUNTY ENGINEER

Robert M. Blackmon, P.E.
County Engineer
P.O. Box 1250
Manning, South Carolina 29102

Phone: 803-435-2105
FAX: 803-435-2208

15 May 2003

Ms. Melinda Mathias
Bureau of Air Quality, SCDHEC
2600 Bull Street
Columbia, South Carolina 29201

Re: Ozone Reduction Plan
County of Clarendon

Dear Ms. Mathias:

Please find enclosed a copy of the proposed ozone reduction plan for Clarendon County. You will note in its review that the direction of the plan is to demonstrate that a problem with ground level ozone is not believed to exist. This is supported largely by anecdotal evidence but it appears to be accurate for this area. Though a problem is not perceived, the County does not wish to be complacent in the approach to future situations. At this time the plan is still a proposed or preliminary document that is likewise being reviewed by County government. However, the plan is considered a legitimate in the frame of compliance with the Early Action Compact agreements. Please review the document and provide any comments toward its improvement.

Please contact me if there are any questions concerning this matter. Thank you for your attention.

Sincerely,

Robert M. Blackmon, P.E.
County Engineer

cc: William Houser, County Administrator

E-MAIL clarendonengineer@sc.rr.com

Early Action Compact Milestone - June 2003 - Progress Report
Clarendon County

1. Document progress in developing stakeholder process, including, for example, roles and responsibilities of various stakeholder groups, list of stakeholders, brief summary of stakeholder meetings, stakeholder involvement in development of initial list of control measures, etc.

Check all of the following statements that apply to your county.

1.		Attached is a list of the stakeholders.
2.		A stakeholder meeting(s) was held on _____. (May attach copy of minutes, if available.)
3.		A stakeholder meeting is planned for _____.
4.		DHEC representatives attended the stakeholder meeting.
5.	X	DHEC representatives were consulted regarding the stakeholder process.
6.		The stakeholders were consulted regarding the emission reduction strategies under consideration
7.	X	SCDHEC health and environmental quality personnel contacted regarding the nature of local ozone problems
8.	X	Discussions internal regarding evaluation of ozone emission levels and probability of violation

2. Report progress on evaluating and selecting emission reduction measures for the local control strategy.

   See June 16, 2003 submittal *List of Emission Reduction Strategies Under Consideration.*

3. Describe public outreach activities (press coverage, public presentations, websites, etc.)

Check all of the following statements that apply to your county.

1.		The media has been invited to attend stakeholder meetings.
2.		A press release regarding the 8-hour ozone standard and/or activities related to the Early Action Compact has been issued.
3.		Meetings in which the 8-hour ozone standard and/or activities related to the Early Action Compact were open to the public (i.e., county council meetings) were held on _____. (May attach copy of agenda and/or minutes if available.)
4.	X	There has been no press coverage for our activities.
5.		The county EAC website is: _____
6.	X	County Administrator presented with draft Early Action Plan for County
7.	X	Consideration beginning toward workable abatement strategies with Semi-public entities

4. Provide update on modeling/technical planning activities.

   These activities are the responsibility of the state. Refer to the June 2003 Progress Report submitted by the South Carolina Department of Health and Environmental Control, Bureau of Air Quality.

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Early Action Compact Milestone - June 16, 2003
List of Emission Reduction Strategies Under Consideration

Clarendon County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist Clarendon County in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
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.	Not available	On or before May 2004	County wide
Support state-wide efforts	Clarendon County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Not available	County intent is to support these efforts as they are available	County wide
Educational Efforts	Clarendon County will develop an educational supplement to science classes in the Middle School and High School grades to make students aware of the problems and impacts	Not available	On or before May 2004	County wide
Public Information	Information will be provided to the county general regarding air advisories and burning bans, etc.	Not available	On or before May 2004	County wide
Vehicles and fuels	Investigation of alternate fuels for fleet vehicles and develop operating recommendations for vehicles	Not available	On or before May 2004	County wide

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Kershaw County

Melinda C. Mathias - Stakeholder information

From: "STeve Bratton" <kcfinance@mindspring.com>
To: "Melinda C. Mathias" <MATHIAMC@dhec.sc.gov>
Date: 5/20/03 4:21 PM
Subject: Stakeholder information

Attached please find the stakeholder information.

The attached reports were hand-delivered to Melinda Mathias by Steve Bratton, Kershaw County Air Quality Contact, on May 20, 2003.

The attached stakeholder list was sent via e-mail.

Early Action Compact Milestone - June 2003 - Progress Report
Kershaw County

1. Document progress in developing stakeholder process, including, for example, roles and responsibilities of various stakeholder groups, list of stakeholders, brief summary of stakeholder meetings, stakeholder involvement in development of initial list of control measures, etc.

Check all of the following statements that apply to your county.

1.	X	Attached is a list of the stakeholders.
2.	X	A stakeholder meeting(s) was held on May 20, 2003.
3.		A stakeholder meeting is planned for _____.
4.	X	DHEC representatives attended the stakeholder meeting.
5.	X	DHEC representatives were consulted regarding the stakeholder process.
6.	X	The stakeholders were consulted regarding the emission reduction strategies under consideration
7.		
8.		

2. Report progress on evaluating and selecting emission reduction measures for the local control strategy.

   See June 16, 2003 submittal *List of Emission Reduction Strategies Under Consideration.*

3. Describe public outreach activities (press coverage, public presentations, websites, etc.)

Check all of the following statements that apply to your county.

1.		The media has been invited to attend stakeholder meetings.
2.	X	A press release regarding the 8-hour ozone standard and/or activities related to the Early Action Compact will be issued.
3.		Meetings in which the 8-hour ozone standard and/or activities related to the Early Action Compact were open to the public (i.e., county council meetings) were held on _____.
4.	X	There has been no press coverage for our activities.
5.		The county EAC website is: _____
6.		
7.		

4. Provide update on modeling/technical planning activities.

   These activities are the responsibility of the state. Refer to the June 2003 Progress Report submitted by the South Carolina Department of Health and Environmental Control, Bureau of Air Quality.

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Kershaw County

Stakeholders

1. Kershaw County Administration
    a. Administration – Steve Bratton
    b. Economic Development – Nelson Lindsay
    c. Environmental Services – David Brown (Invited)

2. City of Camden
    a. Frank Broom

3. Town of Bethune
    a. Mayor Carlisle Davis (Invited)

4. Town of Elgin
    a. Mayor Paul Grooms (Invited)

5. E. I. Dupont De Nemours & Co., Inc.
    a. Ed Kaminski, Jr.

6. Clariant LSM America
    a. Jeff Batson

7. Department of Health and Environmental Control
    a. Melinda Methias

Others will be added as we move further into the process.

Early Action Compact Milestone - June 16, 2003
List of Emission Reduction Strategies Under Consideration

Kershaw County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist Kershaw County in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
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.	Not available	March 2003	County wide
Support state-wide efforts	Kershaw County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Not available		County wide
Community Awareness and Education	Enhancing ozone awareness will be a vital part of Kershaw County's EAP. A/E will include public speaking, distribution of educational materials, and increased media alerts concerning ozone and clean air awareness	Not Available	June 2003	County Wide

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

LEE COUNTY

JAMES M. LaCOSTE
Administrator

Lee County Courthouse
P.O. Box 309
123 South Main St.
Bishopville, SC 29010
(803) 484-5341

WILLIAM F. CONWAY
Administrative Assistant

RECEIVED
JUN - 2 2003
BUREAU OF AIR QUALITY

May 30, 2003

Ms. Melinda C. Mathias
Air Assessment & Planning
Bureau of Air Quality
2600 Bull Street
Columbia, SC 29201-0309

Dear Melinda:

Attached are two reports:

1. Early Action Progress Report
2. List of Emission Reduction Strategies Under Consideration

Lee County is continuing to participate in the early action compact with the help of the State. If there is any thing the county can do, please let me know. Thank you for your help.

Sincerely,

William F. Conway
Administrative Assistant

Early Action Compact Milestone - June 2003 - Progress Report
Lee County

1. Document progress in developing stakeholder process, including, for example, roles and responsibilities of various stakeholder groups, list of stakeholders, brief summary of stakeholder meetings, stakeholder involvement in development of initial list of control measures, etc.

Check all of the following statements that apply to your county.

1.	X	Stakeholders for Lee County currently include county government officials, Pee Dee Council of Governments and SCDHEC. Additional stakeholders may be added as needed..
	X	Bill Conway, County Air Quality Contact, attended the Santee-Lynches area meeting on January 27, 2003
	X	Bill Conway, County Air Quality Contact, attended the Ozone Awareness Event for the Pee Dee Area in Florence on April 29, 2003.
2.		A stakeholder meeting(s) was held on _____. (May attach copy of minutes, if available.)
3.	X	A stakeholder meeting is planned for 8/12/03.
4.	X	DHEC representatives attended the stakeholder meeting.
5.	X	DHEC representatives were consulted regarding the stakeholder process.
6.		The stakeholders were consulted regarding the emission reduction strategies under consideration
7.		

2. Report progress on evaluating and selecting emission reduction measures for the local control strategy.

See June 16, 2003 submittal *List of Emission Reduction Strategies Under Consideration.*

3. Describe public outreach activities (press coverage, public presentations, websites, etc.)

Check all of the following statements that apply to your county.

1.		The media has been invited to attend stakeholder meetings.
2.		A press release regarding the 8-hour ozone standard and/or activities related to the Early Action Compact has been issued.
3.		Meetings in which the 8-hour ozone standard and/or activities related to the Early Action Compact were open to the public (i.e., county council meetings) were held on _____. (May attach copy of agenda and/or minutes if available.)
4.	X	There has been no press coverage for our activities. yet
5.		The county EAC website is: _____
6.		

4. Provide update on modeling/technical planning activities.

These activities are the responsibility of the state. Refer to the June 2003 Progress Report submitted by the South Carolina Department of Health and Environmental Control, Bureau of Air Quality.

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Early Action Compact Milestone - June 16, 2003
List of Emission Reduction Strategies Under Consideration

Lee County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist Lee County in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
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.	Not available	March 2003	County wide
Support state-wide efforts	Lee County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Not available		County wide
Grass Cutting	Lee County Public Works will delay cutting grass till 6 p.m. on an Ozone Action Day.	Not available		County wide
Education	Lee County will work with school Districts to educate the children about ozone reduction	Not available		County wide

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Early Action Compact Milestone - June 2003 - Progress Report
Lee County

1. Document progress in developing stakeholder process, including, for example, roles and responsibilities of various stakeholder groups, list of stakeholders, brief summary of stakeholder meetings, stakeholder involvement in development of initial list of control measures, etc.

Check all of the following statements that apply to your county.

1.	✓	Stakeholders for Lee County currently include county government officials, Pee Dee Council of Governments and SCDHEC. Additional stakeholders may be added as needed..
	✓	Bill Conway, County Air Quality Contact, attended the Santee-Lynches area meeting on January 27, 2003
	✓	Bill Conway, County Air Quality Contact, attended the Ozone Awareness Event for the Pee Dee Area in Florence on April 29, 2003.
2.		A stakeholder meeting(s) was held on _____. (May attach copy of minutes, if available.)
3.	✓	A stakeholder meeting is planned for 8/12/03.
4.	✓	DHEC representatives attended the stakeholder meeting.
5.	✓	DHEC representatives were consulted regarding the stakeholder process.
6.		The stakeholders were consulted regarding the emission reduction strategies under consideration
7.		

2. Report progress on evaluating and selecting emission reduction measures for the local control strategy.

See June 16, 2003 submittal *List of Emission Reduction Strategies Under Consideration.*

3. Describe public outreach activities (press coverage, public presentations, websites, etc.)

Check all of the following statements that apply to your county.

1.		The media has been invited to attend stakeholder meetings.
2.		A press release regarding the 8-hour ozone standard and/or activities related to the Early Action Compact has been issued.
3.		Meetings in which the 8-hour ozone standard and/or activities related to the Early Action Compact were open to the public (i.e., county council meetings) were held on _____. (May attach copy of agenda and/or minutes if available.)
4.	✓	There has been no press coverage for our activities. yet
5.		The county EAC website is:
6.		

4. Provide update on modeling/technical planning activities.

These activities are the responsibility of the state. Refer to the June 2003 Progress Report submitted by the South Carolina Department of Health and Environmental Control, Bureau of Air Quality.

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Early Action Compact Milestone - June 16, 2003
List of Emission Reduction Strategies Under Consideration

Lee County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist Lee County in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
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.	Not available	March 2003	County wide
Support state-wide efforts	Lee County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Not available		County wide
Grass cutting	Lee County Public Works will delay cutting grass till 6 P.M. on an Ozone Action day	Not available		County Wide
Education	Lee County will work with School District to educate the children about ozone reduction	Not available		County Wide

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Melinda C. Mathias - Re: Sumter County - Early Action Compact

From: "Amanda McNulty" <amcnult@CLEMSON.EDU>
To: "Melinda C. Mathias" <MATHIAMC@dhec.sc.gov>
Date: 5/28/03 4:04 PM
Subject: Re: Sumter County - Early Action Compact
CC: John Duffie <jduffie@sumtercountysc.org>

Dear Melinda, Please let me know if this arrives in a usable form. I'm getting better, honestly, on the computer, but certainly am still in the toddler stage. Thank you for all you have done to make our work here in Sumter go more smoothly. With best wishes, I remain, Yours truly, Amanda McNulty

****

Amanda McNulty
County Extension Agent
Keep America Beautiful Director
115 North Harvin Street
Sumter, SC 29150
Phone (803)773-5561
FAX (803)773-0070

The Air Quality contacts for Sumter County are:

Amanda McNulty

John Duffie

Early Action Compact Milestone - June 2003 - Progress Report
Sumter County

1. Document progress in developing stakeholder process, including, for example, roles and responsibilities of various stakeholder groups, list of stakeholders, brief summary of stakeholder meetings, stakeholder involvement in development of initial list of control measures, etc.

Check all of the following statements that apply to your county.

1.	x	Attached is a list of the stakeholders.
2.	X	On January 27, 2003, John Duffie, Sumter County attended a meeting with other Santee-Lynches COG counties, COG staff and DHEC officials to begin working on the early action process.
3.	X	A stakeholder meeting(s) was held on April 17, 2003.
4.	X	A stakeholder meeting(s) was held on May 14, 2003.
4.		A stakeholder meeting is planned for June 26, 2003.
5.	X	DHEC representative Ronnie Driggers attended both stakeholder meetings.
6.	X	DHEC representatives were consulted regarding the stakeholder process.
7.	X	The stakeholders were consulted regarding the emission reduction strategies under consideration
8	x	Industry, Education, Planning, and Government subcommittees made control measures presentations at the May 14 stakeholders meeting.
9.	x	Sumter county EAC representatives attended DHEC meetings on Feb. 26, 2003 and May 29, 2003.

2. Report progress on evaluating and selecting emission reduction measures for the local control strategy.

See May 28, 2003 submittal *List of Emission Reduction Strategies Under Consideration.*

3. Describe public outreach activities (press coverage, public presentations, websites, etc.)

Check all of the following statements that apply to your county.

1.	x	The media and the public have been invited to attend stakeholder meetings by emails directed to the local events section of the county newspaper. The Ozone coordinator made a personal call to the newsroom to invite the governmental affairs reporter to the Sumter EAC meeting.
2.	x	The Ozone coordinator has provided information to *The Item* newspaper for an article on local EAC efforts.
3.	x	Meetings of the Early Action Compact were open to the public by notification to the press and postings on county council bulletin board.
4.	x	The Ozone coordinator has met with Sierra Club representatives concerning a public awareness/speaker program.
5.	x	The Ozone coordinator has planned meetings with both local school districts to develop ozone emission reduction lesson plans.

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

List of Stakeholders

Bill Noonan, County Administrator
Sumter, SC

Amanda McNulty, Chair
Clemson Extension, Sumter, SC

John Duffie, County Engineer,
Sumter, SC

Earl Morrison, Air Quality Manger
Shaw Air Force Base

Eddie Newman, Director
Sumter County Public Works

Karen Hyatt, Recycling Coordinator
Sumter County

Charlie Holmes, Arborculturist
City of Sumter

Rick Farmer, Sumter County Dev. Board
Sumter, SC

Bill Hoge, Director
Sumter City/County Planning Commission

Ronnie Driggers, District Air Quality Mgr.
DHEC, Sumter, SC

Reginald Simmons, SUATS
Sumter, SC

Larry Kirven, Maintenance Supervisor
School District 2, Sumter, SC

Edward Sanders, Resident Maintenance Eng.
Sumter, SC

Louis Jackson, District Conservationist
Sumter, SC

Jim Kepner, Project Manager
Sumter County Dev. Board

Bill Rozier, City Engineer
Sumter, SC

4. Provide update on modeling/technical planning activities.
   These activities are the responsibility of the state. Refer to the June 2003 Progress Report submitted by the South Carolina Department of Health and Environmental Control, Bureau of Air Quality.

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Early Action Compact Milestone - June 16, 2003
List of Emission Reduction Strategies Under Consideration

Sumter County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist Sumter County in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
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.	Not available	March 2003	County wide
Support state-wide efforts	Sumter County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Not available		County wide
Fleet management	Sumter County and City will consider the purchase of Alternative fueled, or more fuel efficient vehicles when buying replacements if economically feasible	Not available	Not available	County and city
Alternative fuels	Sumter County will seek the latest information on Lower emission fuels and will consider their use if Economically feasible	Not available	Not available	county
Education	Sumter County will work with Sumter District 17 and District 2 Schools to promote the use of "Action for a Cleaner Tomorrow" curriculum	Not available	Not available	County and city
Education	Sumter Districts 17 and 2 Science coordinators will work with Ozone coordinator to develop ozone-specific lesson plans for 5th and 7th grades	Not available	Not available	County and city
Education	The Sierra Club will work with the Ozone Coordinator to develop a speakers program to address civic, business, industry, and private groups on ways to reduce local ozone emissions	Not available	Not available	County wide

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Early Action Compact Milestone - June 16, 2003
List of Emission Reduction Strategies Under Consideration

Sumter County

Based on stakeholder consultation and taking into consideration resource and political constraints, the following control measures under consideration can be reasonably implemented. It is anticipated these measures under consideration will assist Sumter County in achieving and/or maintaining the 8-hour ozone standard by 2007.

Measure under Consideration	Description of measure (A more detailed description will be included in the Early Action Plan.)	Estimate of emission reductions (if available)	Proposed date for implementation	Geographic area and/or local government
Idle time reduction	County and City will develop education and enforcement program to limit idling time of fleet vehicles	Not available	April 2004	County wide
Idle time reduction	Industry subcommittee will work to develop limits on idling time for deliveries and pickups at local businesses and industries.	Not available	April 2004	County wide
Varied maintenance hours	During times of high ozone alerts, the County DPW will schedule maintenance activities to avoid machinery emissions during highest temperature hours.	Not available	April 2004	County govt.
Tree ordinance	Strengthen the current tree ordinance in Sumter county Zoning Ordinance to require more large trees established in new subdivision developments.	Not available	April 2005	Countywide
Ozone alert Notification	Develop system to notify county of ozone alert days to increase public participation in reduction strategies.	Not available	April 2004	Countywide

Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.