US EPA ARCHIVE DOCUMENT

Attachment 3
Pee Dee Area

South Carolina

June 16th List of Emission Reduction Strategies Under Consideration

June 2003 Progress Report

June 2003

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Early Action Compact Milestone - June 2003 - Progress Report
Chesterfield 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 Chesterfield County currently include county government officials and employees, Pee Dee Council of Governments, and SCDHEC. Additional stakeholders may be added as needed.
2.	X	The stakeholders were consulted regarding the emission reduction strategies under consideration
3.	X	On December 17, 2002, Mr. Avery Frick attended the Pee Dee COG administrators meeting with other Pee Dee COG counties, representatives from the Pee Dee COG and SCDHEC to discuss the 8-hour ozone Early Action Compact.
4.	X	February 3, 2003, Mr. Richard Carns attended a meeting held at the Pee Dee COG with other Pee Dee COG counties, representatives from the Pee Dee COG and SCDHEC to discuss emission reduction strategies.
5		

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.	X	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 14 with LEPC committee. (May attach copy of agenda and/or minutes if available.)
2.	X	There has been no press coverage for our activities.
3.		

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

Chesterfield 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 Chesterfield 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	Chesterfield County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	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
Chesterfield County

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Early Action Compact Milestone - June 16, 2003
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Refer to the June 2003 Progress Report submitted by SCDHEC for statewide activities.

Darlington County Air Quality Improvement Committee
1625 HARRY BYRD HIGHWAY DARLINGTON, SOUTH CAROLINA 29532

Betty Tanner, Ozone Action Coordinator
Phone 843-398-4450 Fax 843-398-4447
E-mail btanner@darcosc.com

APR 2 1 2003
BUREAU OF AIR QUALITY

1. Document progress in developing stakeholder process, roles and responsibilities of various stakeholders groups, list of stake holders, and brief of stakeholders meetings, stakeholders involvement in development of initial list of control measures.

A-Darlington County AQIC has met six times in three months. Stakeholders split into two groups Industries and Government. The Government Group consists of Cities County, State and federal agencies from our county. With the primary focus for both groups in gathering information, communications and plan develop. Individual groups have met twice and final plans are being drafted at this point.

B- Stakeholders have been asked to provide a letter of agreement supporting the AQIC Action Plans.

C- Stake Holder Steering Committee

Government	**Industries**
Cities of Hartsville and Darlington	NUCOR STEEL
County of Darlington	Sonoco Products Company
Towns of Lamar and Society Hill	Wellman Industries
SC Department of Transportation	Galey and Lord
SC Department of Education	Southern States Chemicals
SC Forestry Commission	Roster and Clark Chemicals
USDA NRCS	Progress Energy
	Techno Steel

*Note added by SCDHEC 5/29/03 - Refer to the attached Darlington County Air Quality Milestones for detailed information.

2. Evaluation and selecting emission for local control strategy.

Our AQIC has divided its emissions strategy into two groups; one is call "Soft Project". This is emission reduction ideas, which can be done with little or no capital costs. Items such as Ozone Awareness and Education, engine idle reduction, building energy reductions and changes to lawn maintenance hours; the second group will look at Bio fuels, BACT for new equipment and vehicles purchases. Third is industry compliance issue, this will be done by the Industry Group.

3- Outreach public activities: Betty Tanner was designated Manager of the AQIC/ Ozone Information Coordinator. She will work with Civic Groups, Churches and Industries with Ozone Awareness Issues; she also has the task to work with County Department Head to develop a County Government Ozone Action Plans.

*Note added by SCDHEC 5/29/03 - Refer to the attached Darlington County Ozone Education Outreach Programs for additional information.

4-Added by SCDHEC 5/29/03 - Update on modeling/technical planning activities. These activities are the responsibility of the state. Refer to the June 2003 Progress Report submitted by SCDHEC, Bureau of Air Quality.

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

Darlington 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 Darlington 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**
Ozone Action Coordinator	County staff person responsible for dissemination of ozone forecast.	Not Available	March 5, 2003	County Wide
County Ozone Committee	County Department Heads and Ozone Action Coor. Will develop and implement a county wide Ozone Reduction Plan The plan will be made available to local business and industry for possible adoption for their programs.	Not Available	April 15,2003	County Wide
Use of Bio-Diesel/Alternative Fuels	Convert our diesel fleet to Bio-Diesel and low sulfur fuels	Currant data shows we can expect a 20% decrease in emissions by using this product. We are currently compiling	July 1,2003	County Wide

		information on the amounts of this fuel we expect to use in the up coming year		
Reduction of Idling or No-Idle Policy for County vehicles	Department Heads will develop and implement inter-departmental plans to reduce or eliminate idling time on vehicles and maintenance equipment.	Not Available	July 1,2003	County Wide
Stricter Controls of Illegal/Unauthorized outdoor burning	Darlington County's Code Enforcement, Fire District, Emergency Services and Sheriff's Department will work in combination with State Agencies to develop this action	Not Available	July 1,2003	County Wide
Fleet Replacement	Darlington County's Materials Manager and Vehicle Maintenance Contractor will develop a plan to purchase replacement vehicles. Future RFP's should place priority on vehicles and equipment with the latest emission reduction standards.	Not Available	July 1,2003	County Wide
Community Awareness	Awareness and	Not Available	**March 30,2003**	County Wide

and Education	Education will include public speaking, distribution of educational materials and increased media alerts promoting Clean Air Awareness		Robbin Brock spoke to the Joint City/County meeting in Hartsville; Representatives form the Towns of Lamar and Society Hill, Cities of Hartsville and Darlington and the County of Darlington. Senator Gerald Molloy and Representative Jay Lucus were also in attendance. An Ozone awareness presentation was done, followed by a lengthy discussion on the potentional negative economic impact non-attainment could cause. **April 14, 2003** Presentation done for Sonoco Products on Ozone Awareness **May 14,2003** Darlington County Ozone Steering Committee task Emergency Services Staff with producing a three-page brochure	

			with Ozone information specific for Darlington County.	
Energy Conservation	Energy Conservation Plans will be developed that directs county departments to reduce overall yearly energy usage by 5-10 percent.		July 1,2003	County Wide
Restrict or change time of landscaping and lawn mowing equipment	County Department Heads will receive daily ozone alerts from the Ozone Action Coordinator, on days with high alerts these activities will be rescheduled.	Not Available	May 1,2003	County Wide
Reduction in unnecessary use of on-road vehicle use and conservation of fuel.	County Department Heads will monitor vehicle and fuel usage on high alert days and decrease departmental use as much as possible.	Not Available	May 1,2003	County Wide
Promote and encourage employees to eat in or carpool for meals during work hours.	Provide employees with facilities to eat in during working hours and flexible lunch hours to encourage carpooling for meals.	May 15,2003 we conducted a muti-departmental survey be determine the effects of this measure. 83 out 100 employees who where ask to take part in the survey	February 12,2003	County Wide

		returned the survey. We found that by providing facilities (exam. break rooms or kitchens) and flexible lunch hours 52%of the employees are eating meals in, with an estimated savings of 9,900 Vehicle Miles Traveled yearly. The average mileage for one employee was 3.14 miles per meal.		

Darlington County Air Quality Milestones
December 16, 2002: Darlington County Council approves and signs State-wide Early Action Compact.
December 17, 2002: Mrs. Phyllis Griffitts, County Administrator and Robbin Brock, Emergency Services Director attend the DHEC sponsored Air Quality Meeting held at PEE DEE COG. The EAP and State-wide Compact were discussed at length. Mrs. Griffitts appointed Robbin Brock as project leader for Darlington County.
December 19, 2002: Started gathering and reviewing Ozone information. Darlington County Administrator (DCA) and Emergency Services Director (ESD) Begin developing plans to address a starting point. DCA approves Darlington County Air Quality Improvement Committee. (AQIC) *See Attachment –1*
December 30, 2002: The first AQIC Steering Committee was scheduled for January 22, 2003. Packets with the most current information were sent to each Committee Member.
December 30 2002-January 22, 2003: This period was used to gather as much Ozone information as possible. SC DHEC Staff provided educational and technical information
January 22, 2003: The Steering Committee met, 20 representatives from County, State, City, Federal Government agencies and local industries. Along with two print media representatives were present. A tremendous of information was discussed, the committee then decided to split into working groups. An Industry and Government Sub-committees were formed; each group would focus on developing Ozone Actions Plans for their specific group. Dates were set for Sub-committees to meet. See *Attachment 2*
February 4, 2003: The Industry Sub-committee met hosted by Mr. Ray Harris, Director of the Darlington County Development Board. During this meeting the industry representatives brought out the strict DHEC Permitting Regulations that are required to have in place. After a long discussion the group agreed the industries emission are regulated to the highest possible standards, their suggestion was to help educate their employees on Ozone reduction plans that can be used at work and home. The DHEC 20 Steps to Clean Air will be used a guideline to being this process. Also, we asked for each industry to submit a Letter of Agreement for support of our efforts in developing and implementing our EAP. See Attachment *3 and 4*
February 12, 2003: The Government Sub-committee met, Representatives from City, County State and Federal Agencies were present. Numerous Ozone Reduction issue were discussed ranging from bio-fuels to developing and implementing "soft projects". Melinda Mathis explained Ozone Reduction ideas and actions being used at DHEC. This Committee agreed to a three-step approach, citizen education, Government leading example and a city and county government compact. *See Attachment 5*
February 26, 2003: Attended SC DHEC Ozone Update in Columbia SC Attachment 5a
March 3, 2003: The full steering committee met, Ideas and issue from both groups were discussed. The purposed Darlington County Ozone Reduction Plan was developed. *See Attachment 6*
April 16, 2003: Round Table meeting of Florence Industry. The Greater Florence Chamber of Commerce hosted the meeting. The Director of Darlington County Emergency Services and Air Quality Coordinator, the Air Quality information to the Florence industries.

Darlington County
Air Quality Improvement Plan

Steering Committee

County of Darlington
Mrs. Phylliss Griffitts, County Administrator
Mr. Ray Harris, Economic Development Director
Mr. Robbin Brock, Emergency Services Director
Mrs. Betty Tanner, Clerk to Committee

State of South Carolina
Ms. Debbie Barfield, Resident Engineer Department of Transportation
Mr. Jesse Adams III, County Extension Service
Ms. Lynn Leclair, Darlington Area Forrester
Mr. Berry Mims, DHEC Environmental Health Supervisor
Mr. Wayne Cowell, US Soil Conservation Services

Cities/Towns
Mr. Rodney Langley, Darlington City Administrator
Mr. Jim Pennington, Hartsville City Administrator
Mr. Bobby Hudson, Mayor of Lamar
Mr. Henry Moree, Mayor of Society Hill

Industry Representatives
Mr. Allen Bracey, NUCOR Steel
Mr. Forrest Putnam. Galey and Lord
Mr. Willie Gilbert, Progress Energy
Mr. Lester Heavner. Pee Dee Electric Cooperative
Peggy Davis, Sonoco Products
Alan Madewell, Wellman
Tom Anderson, Roster/Clark
Richard Wysocki, Techno Steel

Attachment 1

OFFICE OF EMERGENCY SERVICES

1625 HARRY BYRD HIGHWAY DARLINGTON, SOUTH CAROLINA 29532

EMERGENCY MEDICAL SERVICES
843-398-4441
FAX 843-398-4447

EMERGENCY PREPAREDNESS AGENCY
843-398-4450
FAX 843-398-4447

TRAINING/SPECIAL PROGRA
843-398-4453
FAX 843-398-4447

December 30, 2002

Tom Anderson
Roster/Clark
P.O. Box 1000
Hartsville SC 29551

Dear Tom Anderson;

We are writing you to address an important air quality issue that may soon impact Florence and Darlington Counties. Recently, the US EPA and SC DHEC established a timeline for the implementation and attainment of new National Ambient Air Quality Standards (NAAQS) for ground level ozone. Based on this standard Florence and Darlington Counties will likely be designated non-attainment and face stringent Clean Air Act (CAA) requirements.

In 1997, EPA revised the national standard for ground-level ozone from a 0.12 ppm 1 hour "peak" standard to a 0.08 ppm 8-hour "average" standard (commonly called the 8-hour standard). Currently, all areas of South Carolina are in attainment with the 1 hour ozone NAAQS. Upon implementation of the new 8-hour standard, several areas in South Carolina could become designated as non-attainment. Currently, Darlington and Florence counties are exceeding the 8-hour standard, and DHCE will be required to update the state's list of non-attainment areas by April 2004, to include those communities as non-attainment.

The non-attainment designation subjects the counties to Transportation Conformity and non-attainment New Source Review (NSR) requirements. The Transportation Conformity standards would obligate the counties to develop traffic restrictions to reduce Oxides of Nitrogen and Volatile Organic Compounds from automobiles. This would include mandated use of low sulfur fuels, employee carpooling or busing requirements, restrictions on vehicle use and cessation of highway construction funds. Non-attainment NSR at industries in Darlington and Florence Counties would require application of controls to meet the lowest achievable emission rates for new or expending sources greater than 100 tons-per-year for non-attainment pollutants.

ATTACHMENT: 2

OFFICE OF EMERGENCY SERVICES

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Darlington County
Air Quality Improvement Plan
Steering Committee
Minutes

Wednesday, January 22, 2003

Darlington County Air Quality Improvement Steering Committee
1625 Harry Byrd Hwy EMS Annex building
Darlington, S.C. 29532

Present: Robbin Brock, Emergency Services Director; Phylliss Griffitts, County Administrator; Ray Harris, Economic Development Director; Betty Tanner, Clerk of Committee; Debbie Barfield, Resident Engineer Department of Transportation; Lynn Leclair, Darlington Area Forrester; Wayne Cowell, US Soil Conservation Services; Forrest Putnam, Galey and Lord; Willie Gilbert, Progress Energy; Tom Kinard, Pee Dee Electric Cooperative; Peggy Davis, Sonoco Products; Alan Madewell, Wellman Industries; James Ownley, Royster/Clark; David Gunter, Clemson Extension; Clark Wilbanks, Air Quality SC DHEC; Jack Porter, Air Quality SC DHEC; Melinda Mathias, Air Quality SC DHEC; Wanda "Bunny" Coker, County Planning Commission; Doug Reimold, County Planning Commission; Doug H. Smith, SC DHEC; Treasure Scarborough, SC DOT- Darlington and Florence.

Media present: Neil Hopwood of The News and Press and Jim Faile from The Messager.

One week prior to the meeting convening, an Agenda and information package explaining the purpose and need for the committee was distributed to the committee members and media. The information package is attached to this record.

Meeting Called to order at 10:00 a.m.

Opening remarks where presented by Robbin Brock. Every one present was welcomed and the term "Attainment" was defined. A power point presentation provided by Air Quality SC DHEC was begun with discussion from the committee members as the information was presented. The monitor location and readings were the first item covered. Robbin, presented a map of Darlington County and showed the location of the monitor, used by DHEC to obtain the readings for Darlington and Florence Counties. The monitor is located in the south eastern point of the county were it borders with Florence County, near Interstate Highway 95.The monitor readings showed the joint counties >.084 which according to the DHEC information leads to an increase in respiratory illness which requires hospitalizations, 27% which are children.

Jack Porter, Air Quality SC DHEC, explained the main contributing sources of N0x are from cars, industries and vegetation. He presented examples for solutions, such as car-pooling; flex work hours to avoid peck times of N0x in hot months. He stated that DHEC Air Quality has a on going program for public education to assist the county in its effort,

ATTACHMENT 3

to not only to educate the public but also to involve the county residents to participate in the effort to reduce the comtamanents in the air.

Ray Harris, Economic Development Director, ask why the air monitor was located in its current position and why it was located in a rural county like Darlington.

Chad Wilbanks, Air Quality SC DHEC, suggested that maybe it was placed here to give DHEC a baseline data sample for a rural county, but he was unsure of how many rural counties had monitors.

Jack recommended that Mr. Harris to contact Scott Reynolds of SC DHEC for further explanation because he heads up the monitor program.

Robbin concluded the slide show. Continuing the discussion of the monitor readings, he explained that the usual wind currents show it blowing south, southeast which could have an effect on the monitors reading considering its placement. He announced that the Early Action Plan must be in place by December 31, 2004 and Attainment achieved by 2007.

Ray ask the DHEC representatives why a monitor could not be placed in the centers of both Darlington and Florence counties to get an accurate reading from both counties.

Phylliss Griffitts, Darlington County Administrator, ask the DHEC representatives if there would be enough time to get new readings from relocated monitors and still be in Attainment within the required dates.

Melinda Mathias, Air Quality SC DHEC, responded by saying, these counties are in potentional Non Attainment and Darlington County is considered in an area of violation of standards, while Florence Counties is considered a contributor. The time needed to acquire the necessary data may not be with in the required amount of time allotted to act.

Mr. Harris felt like there is enough time to gather data required to reassess the area.

Phylliss questioned DHEC staff, asking if Federal Grants would be affected by the counties status of Attainment.

Melinda responded stating that grant money from the Federal Government would be affected.

Debbie Barfield, Resident Engineer Department of Transportation, ask the DHEC representatives if the county presents a plan and is able to meet the standard of compliance within the allotted time frame, if DHEC will move the monitors location.

Melinda stated that once an entity has meet the standards required they would be considered in "Attainment".

Robbin explained that 45 out of 46 counties have already signed agreements with DHEC to develop, submit and implement a plan to be in Attainment by required dates. He stated the plan must be a working plan, examples of included,

- the use of alterative fuels
- decreasing car admissions by new regulations
- ban on open burning of household trash and enforcement
- education of the public
- planting trees

Lynn Leclair, Darlington Area Forrester, addressed the committee on the need for the controlled burning by the Forestry Department to continue to properly manage the forestlands.

Melinda stated proscribed burning is being discussed by the state.

Don Smith, SC DHEC, stated, "Behavior Modification is the key and can be achieved thru public education.

Robbin introduced everyone and reiterated the idea of "Behavior Modification" as the key to making the Early Action Plan a working instrument. He suggested for the committee to look at an alternative fuel source for the school buses, fleet and farm vehicles, which use diesel fuel in the county.

David Gunter, Clemson Extension, suggested the county contact a distributor in Akin County who sales soybean oil derived fuel as an alternative fuel to diesel. He provided the vendor information to the committee.

Melinda said that DHEC is in the process of revising the Air Quality Improvement Tools Kit for Local Governments to be applicable to the local area that it will be used in, so that it will be more appropriate for the counties requirements.

Robbin ask for suggestions from the committee for ideas to begin putting the plan in place. He suggested beginning in our own local government as an example to the citizens.

Jack recommended the county to encourage the county employees to car pool, stay in for lunch, if it is feasible for that department, during the times the pollutants where high.

Peggy stated Sonoco Products would be taking actions in the next year to reduce the N0x production by their company.

Mr. Harris, ask if the county should develop a vehicle inspection system.

Neil Hopwood, Darlington News and Press, ask DHEC representatives if Darlington County does not meet Attainment, "Will the State require a Vehicle Inspection Program?"

Melinda stated at this time the State will not require that.

Mr. Harris ask "why".

Melinda further explained that because of the new vehicle standards and the turn around rate of fleets with in the county, it would not have a great effect on the over all out come of the efforts compared to the cost of the program.

Chad said due to the size of the county and the number of vehicles in the county you would not have enough of an impact on the problem to incur the cost. Cause and effect would not balance.

Jack stated in other cities and counties they looked at the no right turn signs in the streets and the effect of all the ideating vehicles and the exhaust produced. Maybe the reduction of the signs in the county would help. He stated we might want to look at the DHEC Education Out Reach Program for ideas.

Phylliss addressed the fact that this is a rural county and the farms here burn their fields in preparation for crops planting. She ask DHEC what will the farmers do now.

David stated that it has always been a practice of the farming community to burn in preparation for planting. Education of the public is our best tool to address this issue.

Melinda restated that Education and public information is the answer.

James Ownley, Roster/Clark, ask if DHEC has a ready made training program or training materials that industry can use to educate their employees.

Melinda stated that DHEC would send an education reprehensive to conduct training in industries.

Chad suggested that industry ask for the volunteer participation of employees in car-pooling and alternate fuel of their fleet vehicles.

Robbin ask the DHEC representatives if the effects that will be made by Sonoco Products to reduce to N0x would apply to the efforts made by the county.

Alan Madewell, Wellman Industries, stated, that the public education needs to include the fact that if the county loses economic development and industries because of its designation in Air Quality, this is a lose of jobs for its citizens and one of the largest reasons the achieve attainment.

Robbin explained that Florence, Chesterfield and Marlboro counties are also addressing the issue.

Melinda said that DHEC are be putting together an education package for the counties to better educate them on the issues and contents of the Early Action Plans required.

Robbin suggested the committee form two sub committees to begin working on the Early Action Plan for Darlington County. The committee agreed to form two sub committees, one for Government and one for Industry.

Government Sub Committee will include the following members.

- County Administrator
- Emergency Services Director
- Clerk to Committee
- County Extension Service
- SC Forestry
- SC DHEC
- US Soil Conservation Services
- City Administrators/Mayors
- County School Transportation Representive

Industry Sub Committee will include the following members.

- County Economic Development Director
- Nucor Steel
- Galey and Lord
- Progress Energy
- Pee Dee Electric Cooperative
- Sonoco Products
- Wellman Industries
- Roster/Clark
- Techno Steel
- And other small business

The first meeting of the Government Sub Committee will be on February 12,2003 at 10:00 a.m. at the EMS Annex building, located at 1625 Harry Byrd Hwy, Darlington SC.

The Industry Sub Committee agreed to meet in February 2003 before the next meeting of the Steering Committee. The time and location of the meeting will the announced at a later date.

The next meeting for the Steering Committee was schulded for March 5. 2003 at 10:00 a.m. at the EMS Annex building located at 1625 Harry Byrd Hwy. Darlington, SC.

Phylliss ask the SC forestry represenitive to submit suggestions on the prescribed burns done by this agency.

Jack stated that the state would begin issuing ozone forecast conditions to better plan the burns.

Meeting adjourned at 12:12p.m.

1-22-03

NAME	ORGINAZATION	PHONE NUMBERS	E-MAIL
FORREST PUTNAM	Galey and Lord	843-378-2435	fputnam@gnl.com
Phyllis Griffitts	County of Darlington	843-332-1078 H 398-4100 W	
James Ownley	Royster Clark	843-332-8104	JAOwnley@roysterclark.com
David Gunter	Clemson Extension	843-393-0484	dgunter@clemson.edu
Wayne Cowell	USDA - NRCS	843-393-0483	wayne.cowell@sc.usda.gov
Chad Wilbanks	Air Quality - SCDHEC	803-898-7099	wilbamc@dhec.sc.gov * call back
JACK E. Porter III	" "	803-898-3829	Porterje@dhec.sc.gov
Melinda C. Mathias	Air Quality - SCDHEC	803-898-3269	mathiamc@dhec.sc.gov
Wallie L. Gilbert	Progress Energy	843-857-1371	wallie.gilbert@pgnmail.com
RAY HARRIS	ECO DEV. BRD	843-398-4600	RENEE HOWLE@YAHOO.COM RHarris@darco
Neil Hopwood	News + Press	843-393-3811	Nhopwood@newsandpress
Lynn Leclair	SC Forestry Commission	843-669-8685	lleclair@sc.state.forest.net
Peggi Davis	Sonoco	843 383-7991	peggi.davis@sonoco.com
Alan Madewell	Wellman	843 395-3243	alan.madewell@wellmaninc.com
Sanda M. "Bunny" Coker	Planning Commission - County	843-398-4649	wcoker@darcosc.com
Doug Reimold	" " "	"	dreimold@darcosc.com
Don H. Smith	SCDHEC	843.661.4825	smithdh@dhec.sc.gov
Tom KINARD	Pee Dee Electric	843-665-4070	TKINARD@PEEDEEELECTRIC.COM
Debbie Barfield	SCDOT - Darl. Cty.	843-393-6171	barfieldw@dot.state.sc.us
Treasure Scarborough	SCDOT - Flo. Dist.	843-661-4710	scarborotd@dot.state.sc.us

MINUTES

EPA/DHEC Darlington County
Econ. Dev. Sub Committee Meeting
February 4, 2003
10:00 am.
Development Board Office

Present: Robbin Brock, Chairman
Betty Tanner, Darlington County
Ray Harris, Development Board
Peggi Davis, Sonoco Products Company
Tom Anderson, Royster Clark
Alan Madewell, Wellman, Inc.
Forrest Putman, Galey & Lord
Wellie Gilbert, CP&L (Robinson Plant)
Victor Pizzurro, Development Board
Renee Howle, Development Board

Chairman Robbin Brock welcomed everyone to the meeting.

Chairman Brock said that the EPA sets guidelines on where the monitors will be located. A monitor was located in Chesterfield County two (2) years ago. Chesterfield is not happy with the extremely large amounts that have been reported. Some of the factors that contribute to the high levels could be partly because of the location, wind directions, hills, etc.

Charlotte, NC is listed one of the worst polluted in the state and Atlanta, GA is close behind. A lot of the readings in Darlington County have been contributed by Charlotte, Florida. Darlington County and other towns need to find a unified way to work together in improving and solving the ozone problem.

McCormick, SC is the only county in South Carolina that will not sign. Their population is 7,400 and is mainly forest and parkland.

Emissions standards are being set higher for new manufacturing of automobiles and other equipment.

Mr. Brock asked each board member to give him documentation to put into the packet of information about the steps that the industry was taken to improve the air quality emissions.

Mr. Henry Phillips, Section Manager is not in favor of moving the monitor in Darlington County. It was suggested that information on how much it would cost to purchase another monitor to be located in a different location.

Attachment 4

Mr. Brock said that Darlington County would be changing over to bio diesel. This would increase gas purchase .04 more a gallon but would safer on the environment. Mr. Brock will be getting a list of industries in Darlington County that are permitted.

DHEC is putting together information packets, such as flyers, posters, news releases, etc. to make the public aware of just how important this issue has become. The information should be available by June 1st. People can begin carpooling to work or school, cut back on traveling especially on bad ozone days.

There will be a full committee meeting on March 5th at the EPA/EMS Building. A web site is being constructed to receive valuable information.

Ray Harris, Industry Subcommittee Chairman, advised those present to send there suggestions to the Development Board Office and that they would be forwarded to Robbin Brock, Committee Chairman.

With no other business, the meeting was adjourned.

2-4-03 **Sign In Roster for:** Elt / DHEC Darlington County Industry Sub. Committee **Date:** 2-4-3

	NAME	ORGINAZATION and ADDRESS	PHONE	FAX	E-MAIL
2	Vitol Pizzuto	Dar Co Dev Bd Darlington SC	398 4600	x4603	vpizzuto@darcosc.com
3	Alan Madewell	Wellman - Darlington	395-3273	395-3372	alan.madewell@wellman-inc.com
4	PEGGI DAVIS	SONOCO, 1 N. 2ND ST, HARTSVILLE	383-7991	383-3394	peggi.davis@sonoco.com
5	Renee Howle	Dar. Co Dev. Bd	397-4600	4603	reneehowle@yahoo.com
6	Ray Harris	— — — —	— —	—	— — — —
7	Wellie Gilbert	Progress Energy	857-1371	857-5106	wellie.gilbert@pgnmail.com
8	FORREST PUTNAM	GALEY & LORD	378-2435	378-2427	fputnam@gnl.com
9	Tom Anderson	Roy Clark			
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Darlington County Air Quality Improvement Plan
Government Sub Committee Meeting
Minutes

Wednesday, February 12, 2003

Government Sub Committee
1625 Harry Byrd Highway
Darlington, SC 29532

Present: Robbin Brock, Emergency Services, Chairman; Phyllis Griffitts, Darlington County Administrator; Betty Tanner, Clerk to Committee; Melinda Mathias, SC DHEC Air Quality; Tommy Flynn, SC DHEC Air Quality; Wayne Cowell, USDA-NRCS; Liz Taylor, City of Hartsville; Lynn Leclair, SC Forestry; Glenn Kirven, Davis & Brown for City of Darlington; Rodney Freeze, City of Darlington; Doug Reimold, Darlington County Planning Commission; Wanda M. "Bunny" Coker, Darlington County Planning Commission.

Chairman Robbin Brock began the meeting by welcoming everyone present and having them sign in and everyone introduced them selves. The meeting began at 10:00 am.

Robbin gave an over view of the purpose of the committee and its goals. He explained that at this time Darlington County has air pollution levels exceeding the DHEC required standard of below .085. This places the county in potential non-attainment and that the county must provide and early action plan to decrease the levels to meet the standard. If the county does not meet the standard we will lose state and federal money, and possibly face the loss of Industry as well. Robbin stated that the local government could have the best effect by setting the example for the community.

Melinda Mathias of SC DHEC, explained that the ozone session ranges from April through September and beginning in March or April DHEC will have a meeting to kick off the forecasting of ozone alerts.

Phyllis Griffitts, Darlington County Administrator, stated the Industrial sub committee had a meeting on this matter last week.

Robbin reviewed the Industry sub committed meeting. He stated that 14 million dollars has already been spent by local industry in the last 12 to 18 months in an effort to lower levels of pollutants and Progress Energy will be spending another 6 to 8 million dollars in the next year and expects to decrease there out put by 60 to 65% and they feel this will have an effective impact on the ozone levels.

Robbin stated he felt that "soft projects" will be the most effective things cities and counties can do. He followed by presenting the following examples.

ATTACHMENT 5

- Education- DHEC and Emergency Services will provide public education to increase public awareness.
- Local government- use of alternative fuels "Bio Diesels" made from farm products, such as soybeans. These diesels can be used without any modifications to vehicles. This product, if spilled does not create hazardous contamination that is seen with petroleum products. The fuel averages four cent per gallon higher, with the maximum price seen at 19 cents per gallon higher than petroleum products.
- Conserve electricity
- Decrease idling of vehicles.
- Changing the time and days that gas powered equipment is used, example lawnmowers.

Liz Taylor, City of Hartsville, ask how the general public will know that it is a high alert ozone day.

Robbin stated that DHEC would be forecasting the alerts that will be sent to the media.

Melinda Mathias added that DHEC could also sent the alerts by e-mail daily to the cities counties and agencies. She stated that the alerts would be provided on local television stations during the weather reports.

Robbin stated that the best way the local governments could make an impact was by the following goals.

- Community Education/Awareness
- Government Agencies leading by setting an example
- Compact with cities and county to show an united effort

Lynn Leclair of SC Forestry, while reviewing the minutes of the industry sub committee meeting noted that there was no reprehensive from Forestry present and questioned the a statement pertaining to Forestry.

Robbin reviewed the minutes and asked for the comment to by stricken from the record.

Lynn stated that under story burning is done in the winter months. She stated that ozone alerts could be given to their dispatch center.

Melinda Mathias stated the DHEC is working on making modifications to open burning issues. She said that last year the Governor signed a law requiring the use of alternative fuels and alternative fueled vehicles by government agencies "When ever feasible", (at what level was not clear).

Robbin ask the group if anyone else had any other ideas.

Melinda suggested for the sub committee to contact the "Clean Cities" organization for further information on other projects to look at. She stated that as an incentive for customers of alternative fuels there was no sales tax collected by the state.

Phyllis Griffitts ask if that would cut county funding effecting Roads and Bridges.

Melinda Mathias stated it would.

Robbin ask the city representatives to present the committee with a city action plan for their area. He ask Melinda Mathias when we would have a reassessment of the Darlington County area.

Melinda Mathias stated that DHEC has a preliminary report showing the following monitor readings. The report is attached in the sub committee records.

Monitor Site	Pee Dee Exp. Station Darlington County			
	2000	2001	2002	Design Value
reading	0.087	0.081	0.090	0.086

The monitor readings for 2003 are being collected at this time, which will continue through October of this year. This value will replace the year 2000 reading for calculations of the Design Value.

Rodney Freeze, City of Darlington; ask DHEC how the weather patterns are effecting our data being collected.

Melinda Mathias replied stating that the state has contracted a private company to collect data on the issue of "transport" air pollution.

Doug Reimold, Darlington County Planning Commission; stated that all county efforts should be made year round and not just in the ozone session.

The sub committee as whole agreed with this idea and comments where added that the efforts will not only help the ozone issue but will be cost effective over time.

Robbin ask the city representatives how they would like to handle the City/County Compact for air quality control.

The Darlington and Hartsville city representatives agreed to contact the county and advise them of the manner in which the compact could be handled.

The March 5 meeting of the Air Quality Steering Committee was announced, which will include all members, city, county and industry.

The meeting will be held at the EMS Annex building located at 1625 Harry Byrd Highway, Darlington, SC at 10:00 am.

Wanda M. Coker, Darlington County Planning Commission; stated that Ben Williamson a local environmentalist should be contacted.

The meeting adjourned at 10:50 am.

Sign In Roster for: _____ Date: Feb. 12, 2003

1	NAME	ORGINAZATION and ADDRESS	PHONE	FAX	E-MAIL
2	Phyllis Griffitts	County of Darlington	398-4100	~~398~~-393-8939	
3	Melinda C. Mathias	DHEC- Air Quality	803-898-3269	803-898-4487	mathiamc@dhec.sc.gov
4	Tommy Flynn	DHEC - Air Quality	803-898-3251	803-898-4487	flynntj@dhec.sc.gov
5	Wayne Cowell	USDA - NRCS	843-393-0483x3	843-395-1408	wayne.cowell@sc.usda.gov
6	Liz Taylor	City of Hartsville	339-2868	339-2869	liz.taylor@hartsville.org
7	Lynn Leclair	SCFC 117 Forestry Komm Dr.	669-8685	662-6550	lleclair.state.sc./forest
8	Glenn Kirven	Davis & Brown for City of Dar	665-6746	629-1444	GLENNKIRVEN@DAVIS&BROWN.COM
9	Rodney Freeze	City of Darlington	398-4000	398-4116	DARLCITY@BELLSOUTH.NET
10	Doug Reimold	Darl. Co. Planning, Courthouse Rm 405	398-4610	398-4649	dreimold@darcosc.com
11	Wanda M. "Bunny" Coker	Darl Co Planning Courthouse Rm 405	398-4610	398-4649	wcoker@darcosc.com
12	Robbin Brock	Darl. Co Emerg. Services			
13	Betty Tanner	Darl. Co Emerg. Service			
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"Ozone Early Action Update"

February 26, 2003
10:00-12:00

10:00 – 10:10 **Welcome**
Jim Joy, Chief, Bureau of Air Quality

10:10 – 11:00 **Updates**

a. **Local Government**
Henry Phillips, Manager Air Assessment and Planning Section

b. **State Government**
Michael Monroe, Manager, Air Education and Outreach Section

c. **Statewide Regulatory**
Heather Preston, Manager, Regulation Development Section

d. **Transportation Issues**
Henry Phillips, Manager, Air Assessment and Planning Section

11:00 – 11:30 **Innovative Local Approaches to Improving Air Quality**
Alan Powell, USEPA Region 4 – Alternative Control Strategies Expert

11:30 – 12:00 **Questions/Discussion**

http://www.scdhec.net/eqc/baq/html/eap.html

Attachment 5a

Early Action Compacts in South Carolina

Local Actions to get Regional Results

Alan Powell, US EPA Region 4

February 26, 2003

Key Topics

- Types of programs
- Mechanisms for emissions credit
- Examples
- Discussion/ Q&As

What Can We Do Locally?

- Regulations
- Ordinances
- Incentives
- Voluntary Programs

How does SC Account for these Efforts?

- Economic Incentive Guidance
- Voluntary Mobile Emissions Policy
- Voluntary Stationary/Area Emissions Policy
- Weight of Evidence (directionally sound)

Houston, Texas

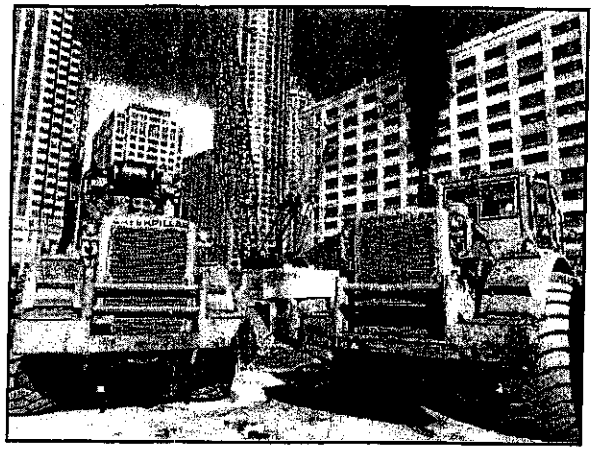
- Speed Limit enforcement
- Low emission diesel
- Idling restrictions
- Lawn mower restrictions
- Airport GSE
- Transportation control measures
- California standards on large engines
- Texas emission reduction plan

Baltimore, Maryland

- Smart Growth Initiatives
- TCMs
- Clean Energy Incentives
- Ozone Action Program
- Digital Harbor
- Owens Mill
- Commuter Tax Credit
- Alt Fuels
- Incident Management

Atlanta, Georgia

- Diesel Retrofits
- Seasonal Ozone Action Program*
- Alternate Fuels
- Land Use/Zoning commitments
- TCMs
- Over 50% highway funds invested in non-highway projects
- www.cleanaircampaign.org



Chicago-Clean Air Counts

- Began in 1999
- Concern for air quality and economy

- Businesses
- Communities
- Households
- Development
- Federal Facilities

www.cleanaircounts.org

SmartWay Transport

CHARTER PARTNERS - Who are they?

Charter Partner roster is a "Who's Who" in the freight industry

- **Trucking and Rail companies:** Swift, Roadway, Yellow Freight, Schneider, UPS, FED Ex
- **Shippers:** Nike, Interface (carpets), HEB Foodstore, Coke, (beverage), Norm Thompson Outfitters (clothing), Canon (cameras & computers), Ikea (home furnishings)
- **Two trade associations also involved:** American Trucking Association and American Association of Railroads

Commuter Choice Leadership Initiative

- Recognizes leading companies in commuter benefits
- Establishes standard of excellence
- "Best Work Places for Commuters" Designation

Adopt a School Bus

- American Lung Association and EPA
- Corporate donations
- Children's Health
- Ozone
- PM

www.texaslung.org/programs

Other "Good Bets"

- Open Burning Bans
- Energy Conservation*
- Truck Stop Idling
- Diesel Retrofits
- Locomotive idling
- Construction contract specifications
- CAFOs
- Lawn Mower Buyback
- Commute options
- Cleaner fuels
- Airport GSE electrification
- Transfer of Development rights*
- Ozone awareness
- Navigation numbers

Regional Contacts

- Karen Borel: 404/562-9029
  Borel.Karen@epa.gov
- Lynorae Benjamin: 404/562-9040
  benjamin.lynorae@epa.gov
- Alan Powell: 404/562-9045
  powell.alan@epa.gov

Darlington County Air Quality Improvement Committee
1625 HARRY BYRD HIGHWAY DARLINGTON, SOUTH CAROLINA 29532

Betty Tanner, Ozone Action Coordinator
Phone 843-398-4450 Fax 843-398-4447
E-mail btanner@darcosc.com

Darlington County's
Purposed Ozone Levels Reduction Actions

Darlington County is committed to develop, implement and maintain an Ozone Reduction Early Action Plan. The purpose and goals of this plan is for Darlington County to work with City, State and federal Government Agencies, Industries and Public Interest Group to obtain cleaner air sooner than Federally mandated.

Year Round Purposed Ozone Reduction Actions:

1- Bio-Diesel/ Alternative Fuels: Presently Darlington County is seeking the latest information on Alternative Fuels. It is our goal to convert our diesel fleet to Bio-Diesel and low sulfur fuels in July/August of 2003. Converting to E-85 grade fuels will take longer due to production and distribution issues. Approximately 75 on and off road diesel units will be affected by this cleaner fuel conversion.
2- Reduction of Idling or No-Idle Policy for County Vehicles: Department Heads will develop and implement inter-departmental plans to reduce or eliminate idling times on vehicles and ground maintenance equipment. This policy will contain stricter guidelines for use during high ozone days.
3- Stricter Controls of Illegal/ Unauthorized Outdoor Burning: Darlington County's Codes Enforcement, Environmental Services, Fire District, Emergency Services and Sheriff's Department will work in combination with State Agencies to develop this action. This action will focus on issues dealing with illegal burning, tires, plastics, roofing materials and hazardous substances.
4- Fleet Replacement: Darlington County's Materials Manager and Vehicle Maintenance Contractor will develop a plan to purchase replacement vehicles. Future RFP's should place priority on vehicles and equipment with the latest emission reduction standards. Over a five to seven year period our present fleet can be replaced with a cleaner burning and better fuel-efficient fleet.
5- Community Awareness and Education: Enhancing Ozone awareness and education will be a vital part of our Early Action Plan. Aggressive A/E programs to motivate individuals, business, industries and organization to take actions to minimize ozone pollution. A/E will include public speaking, distribution of educational materials and increased media alerts promoting Clean Air Awareness.
6- Energy Reduction Plan: Energy Conservation Plans will be developed that directs county departments to reduce overall yearly energy usage by 5-10 percent per month.

Attachment 6

Darlington County Air Quality Improvement Committee
1625 HARRY BYRD HIGHWAY DARLINGTON, SOUTH CAROLINA 29532

Betty Tanner, Ozone Action Coordinator
Phone 843-398-4450 Fax 843-398-4447
E-mail btanner@darcosc.com

High Ozone Days Reduction Plans

During the peak Ozone months Darlington County will have a designated Ozone Action Coordinator (OAC). His\her responsibility will be to monitor Ozone Forecast and implement Ozone Reduction Action Plan. High Ozone Alerts will be available from local television and radio news/weather broadcast and E-mail alerts from DHEC. Darlington County will form a county ozone committee, consisting of all county department heads, to develop and implement a county wide Ozone Reduction Action Plan.

Actions may include:

Stricter fuel conversation measures
Restrict or change time of landscaping and lawn mowing equipment
Restrict unnecessary use of on-road vehicle usage
Encourage employees to eat lunch in-house
Restrict using cleaning chemicals and non-latex paint
Employ stricter building conservation measures
Promote and encourage car-pooling

Brief Discussion Current Actions to Control Nitrogen Oxide Emissions
H.B Robinson/Darlington Plant
February 13, 2003

Progress Energy Carolinas operates one (1) 174 MW pulverized coal-fired unit and fourteen (14) simple cycle combustion turbine units at the Robinson/Darlington plant. These units are subject to numerous requirements under the Clean Air Act, intended to control levels of NOx emissions, and are regulated under a Title V air permit issued by SC-DHEC.

The following information summarizes NOx control/reduction measures at the facility:

- The Robinson Unit 1 (coal unit) is subject to the NOx reduction requirements under Title IV of the Clean Air Act. EPA regulations finalized in the early 1990's implementing Title IV, established a "presumptive" annual NOx emission limit for the Unit, and required CP&L to lower NOx emissions within their system in order to meet this new "presumptive" emission limit. Title IV also required the Company to install a continuous emission monitoring system (CEMS) for NOx. Beginning in 1995, and annually thereafter, the Company must demonstrate to EPA compliance with the "presumptive" emission limitation for Unit 1.

- Darlington Units 12 and 13 were constructed in the late 1990's and were subject to EPA's New Source Performance Standards (NSPS) and Prevention of Significant Deterioration (PSD) rules. Under these rules, both units were equipped with the "best available control technology" (BACT) for reduction of NOx emissions. As a result of these control measures, these new units are among the lowest NOx emitting sources, based on emissions per unit of fuel burned, in the U.S.

- Robinson Unit 1, and Darlington Units 1-13 are all subject to SC-DHEC's recently adopted Nitrogen Oxides Budget Trading Program rule (Regulation 61-62.96). This rule was specifically adopted in response to EPA's NOx SIP Call which established an ozone season state-wide NOx cap on emissions. EPA's rule was intended to lower state NOx emissions well below levels that currently exist, and ensure that future emissions do not increase above these levels (e.g. a "cap" on emissions).

  In response to the rule:

  1. CT Units 1-11 are each installing NOX emission measurement systems.
  2. A rotating over-fire air (ROFA) system is being installed on Unit 1 (coal unit) that is expected to lower summer NOx emissions by over 50%. This system was recently permitted by SC-DHEC and will be operational late in 2003.
  3. The Company has requested an air permit from SC-DHEC which will obligate the Company to comply with unit-specific NOx

tonnage caps on Unit 1, as well as CT Units 1-13 during each future ozone season, beginning in 2004. The level of this NOx cap is well below historical levels of NOx emissions (e.g. established at an equivalent emission rate of 0.15 lb/mmbtu). Annually, the Company will provide reports to SC-DHEC and EPA demonstrating that emissions did not exceed the NOx cap.

Prepared by: Cal Ogburn
Lead Analyst- Air Quality
Environmental Services Section
Progress Energy Carolinas

WELLMAN, INC.

TO: Robin Brock

FROM: Alan Madewell

DATE: February 11, 2003

MEMORANDUM

SUBJECT: NOx Emissions from the Palmetto Plant

Summary

Wellman, Inc. owns and operates a facility (the Palmetto Plant) in Darlington County, South Carolina, which has significantly reduced its NOx emissions since 1994. Specifically, it has reduced NOx emissions by 182 tons per year in the period from 1994 to 2002. However, Wellman-Palmetto does not plan to execute on projects in the next 3-6 years that will significantly reduce NOx emissions from the 2002 level.

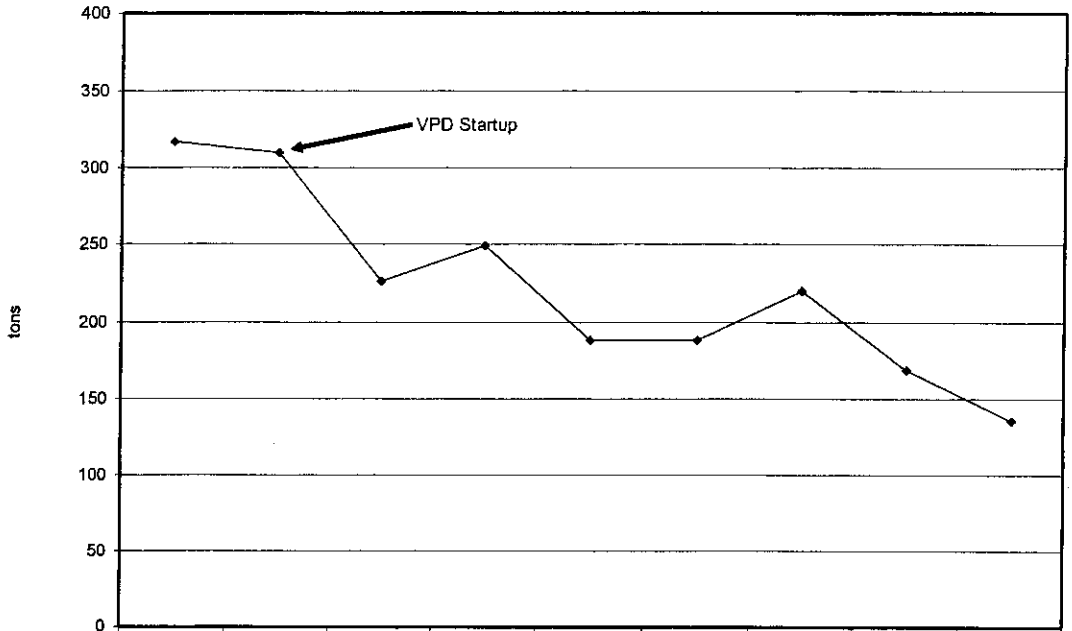
Discussion

Wellman, Inc. owns and operates a facility (the Palmetto Plant) in Darlington County, South Carolina, that manufactures polyester products, including Fortrel brand polyester textile fibers and PermaClear PET (polyethylene terephthalate) resins used in the manufacture of textile products, soft drink bottles, and other food and beverage packaging. The basic raw materials used are ethylene glycol and polyester-grade terephthalic acid. Its manufacturing processes include monomer esterification, polymerization, melt spinning, drawing/drying/staple production, and solid state polymerization.

The heart of the facility's overall manufacturing operation is monomer esterification and polymerization, which generates degradation products regulated as hazardous air pollutants (HAPs). These include 1,4-dioxane, acetaldehyde, and glycol ethers. These degradation products were traditionally emitted directly to the air or condensed and discharged to the plant's extended air activated sludge wastewater treatment system with subsequent discharge to Black Creek and volatilization to the air.

In 1994, anticipating the eventual impact to the environment, probable regulatory burden, and the liability to its employees, customers, and shareholders, Wellman-Palmetto initiated a project to consume the hazardous degradation product off-gases in the plant's boilers and heaters known as Vapor Phase Destruction or VPD. Such an approach would not only destroy HAPs, but also would generate energy, offset the consumption of virgin fuels, and reduce the generation of NOx. The performance of the system as relates to NOx emissions is shown in Figure 1.

Figure 1: NOx Annual Site-Wide Discharge to Air



	1994	1995	1996	1997	1998	1999	2000	2001	2002
NOx	317	310	226	249	188	188	220	168	135

Recently, Wellman-Palmetto was asked to review any planned actions which would result in the reduction of NOx emissions (a known ozone precursor) as part of the Early Action Plan development related to attainment with the 8-hour ozone standard. Historically, Wellman-Palmetto emitted NOx at a rate of over 300 tons per year. With the initiation of the VPD system, this rate began to drop to a low in 2002 of 135 tons per year.

Although, Wellman-Palmetto does not plan any projects that will significantly reduce NOx emissions from 2002 levels, the plant's significant capital investments since 1994 have resulted in reductions in NOx emissions of over 57%. It is hoped that these reductions, along with activities to be defined in Darlington County's Early Action Plan, will be adequate to reach attainment with the 8-hour ozone standard.

Royster-Clark, Inc.
P.O. Box 1000
201 Society Avenue
Hartsville, SC 29551

Royster Clark

March 19, 2003

Robbin Brock
Director Darlington County Emergency Services
1625 Harry Byrd Highway
Darlington, SC 29532

Dear Mr. Brock:

We at Royster Clark will be glad to participate and play an active part in designing a County Plan to reach an attainment designation for the ground level ozone levels as implemented by the National Ambient Air Quality Standards. This is not only important to us as a corporate citizen from an environmental standpoint but from a county wide economic perspective as well.

Currently most of our employees are residents of Darlington County and it is important to each one of us and our families that we live in a clean, safe environment. We are committed to doing anything we can to see that Darlington County is in compliance concerning this important issue.

As you know our EHS Coordinator Tom Anderson and myself have been present at the preliminary meetings and have already submitted a ten-point plan outlining our company's intentions to reduce ground level ozone. We believe that if industry and the community work together that we can reduce these ozone levels to an acceptable range.

Please call us if we can be of assistance at anytime and we look forward to working with you and the other committee members.

Kindest Regards:

James Ownley

James Ownley
Assistant Plant Manager
Royster Clark, Inc.

Royster Clark Plan to Reduce Ozone Levels and other Air Pollutants Within Darlington County

The following will be recommended (subject to EHS and Upper Management Approval) at the Royster Clark Hartsville Location:

1) Annual Training for all Plant Employees on the Major Air Pollutants, Causes, and Means of Reduction.
2) Plant Shutdown for annual maintenance will be held in the months of July, August or September if market conditions allow. Historically this has not been a problem.
3) If forecasts are available weekly maintenance will be scheduled on High Ozone Level Days.
4) The plant will use Natural Gas as a fuel source for the Dryer and Boiler over #2 Fuel Oil unless SC & G curtails our supply. (Currently on Category 3E Status).
5) All Mobile Equipment on Royster Clark Property will not be allowed to be left idling.
6) Unnecessary use of Mobile Equipment will be eliminated on Royster Clark Property.
7) Low Sulfur or alternative fuels will be investigated to use as possible fuel sources for Plant Mobile Equipment.
8) Car Pooling or Alternative means of transportation will be encouraged at the plant.
9) Additional tree planting will be investigated on Plant Property. (Very successful program approximately 7 years ago planting Leland Cypress trees along property lines).
10) Vaporless fueling systems will be installed at plant.

Tom Anderson
James Ownley
332-8104

5-14-03

Sign In Roster for: Air Quality Steering Committee **Date:** 5-14-2003

1	NAME	ORGINAZATION and ADDRESS	PHONE	FAX	E-MAIL
2	Doug Reimold	Planning - Darl Co.	398-4610	398-4649	
3	Wanda M. "Bunny" Coker	Planning - Darl Co.	398-4610	398-4649	
4	Phyllis Griffiths	County Admin	398-4100		
5	Wellie Gilbert	Progress Energy	857-1371	857-5106	wellie.gilbert@pgnmail.com
6	FORREST PUTNAM	GALEY and LORD	843-378-2435	843-378-2427	fputnam@gnl.com
7	Don A. Smith	SCDHEC	843-661-4825	843-661-4858	smithdh@~~state~~ dhec.state.gov
8	TOM ANDERSON	ROYSTER-CLARK	332-8104	332-0221	
9	Alan Maxwell	Wellman	843-395-3243	395-3372	alan.maxwell@wellmanine.com
10	Allen Bracey	Nucor	843-395-8602	398-8896	allen.bracey@nucorsteelsc.com
11	Robbie Brock	Darlington Co.			
12	Betty Tanner	Darlington Co.			
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Attachment 7

Darlington County Ozone Education Out Reach Programs

March 30, 2003: Robbin Brock spoke to the Joint City/County Meeting in Hartsville. Representatives from the Towns of Lamar and Society Hill, Cities of Hartsville and Darlington and the County of Darlington. Senator Gerald Molly and Representative Jay Lucus were also in attendance. A brief Ozone awareness presentation was done, followed by a lengthy discussion on the potentional negative economical impact if the Ozone isn't reduced.
April 14, 2003: Sonoco Product Company Ozone Awareness Program
May 14, 2003: Darlington County Ozone Steering Committee tasks Emergency Services Staff with producing a three page brochure with Ozone information specific for Darlington County.

AIR QUALITY IMPROVEMENT COMMITTEE
1625 HARRY BYRD HIGHWAY DARLINGTON, SOUTH CAROLINA 29532

Betty Tanner, Air Quality Coordinator Phone 843-398-4450 Fax 843-398-4447
E-mail btanner@darcosc.com

MEMORANDUM

TO: Mrs. Phylliss Griffitts, County Administrator

FROM: Betty Tanner, Air Quality Coordinator

DATE: March 13, 2003

RE: Darlington County Air Quality Committee

With you approval, I would like to schedule a meeting on April 15, 2003 to begin writing Darlington County's Air Quality Improvement Plan. Our goal is develop and implement an Ozone reduction plan for our county as soon as possible. A Steering Committee made up Department Heads, First Vehicle Services, along with some Elected and Appointed Officials will develop this plan. The following are the key people we feel need to serve on the Steering Committee, if you have any questions or suggestions please contact Robbin or myself.

Betty Tanner, Air Quality Coordinator
Ray Harris, Economic Development
Bunny Coker, Planning Director
Andrew Smith, Building Maintenance Supervisor
Bobby Richardson, Roads and Bridges
Captain McFadden, Prison Farm
Sam Jackson, First Vehicle Services
Rex Brown, Environmental Services
Randy Evans, Codes Enforcement
Richard Robinson, Chief Darlington County Fire District
Teresa Dickerson, Materials Management

One Representative from:
Sheriff's Department
Magistrate's Office
Clerk to Court's Office

COUNCIL MEMBERS
MACIO WILLIAMSON, DILLON, S.C.
BOBBY K. MOODY, LAKE VIEW, S.C.
HAROLD MOODY, HAMER, S.C.
ANDREW D. GRAVES, DILLON, S.C.
ARON R. GANDY, LATTA, S.C.
JAMES WEBSTER, DILLON, S.C.
CLARENCE McRAE, DILLON, S.C.

COUNTY ADMINISTRATOR
W. CLAY YOUNG
CLERK TO COUNCIL
LISA B. GRAY

Dillon County Council
P.O. BOX 449
DILLON, SOUTH CAROLINA 29536
TELEPHONE: 843-774-1400
FAX: 843-774-1443

May 23, 2003

Melinda C. Mathias
Air Assessment and Planning Section
SCDHEC - Bureau of Air Quality
2600 Bull Street
Columbia, S.C. 29201

RE: Early Action Compact Milestone - June 2003 - Progress Report

Dear Ms. Mathias:

Enclosed please find the June 2003, Early Action Compact Report for the County of Dillon. The County supports the Department of Health and Environmental Control's efforts in the State-wide emission reduction strategies.

If I can be of any further service to you or your agency please feel free to contact me.

Sincerely,

W. Clay Young
County Administrator

Cc: Dillon County Council
Charles Curry - County Attorney

Early Action Compact Milestone - June 2003 - Progress Report
Dillon 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 Dillon County currently include county government officials, Pee Dee Council of Government (COG) and SCDHEC. Additional stakeholders may be added as needed.
2.	X	The stakeholders were consulted regarding the emission reduction strategies under consideration
3.	X	Dillon County Administrator, Clay Young participated in a meeting on February 3, 2003 with the Pee Dee COG, SCDHEC and other counties within the Pee Dee COG
4.		

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.	X	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 December 18, 2002, Dillon County Council meeting.
2.	X	The local newspaper included an article regarding the December 18, 2002, county council meeting.
3.		

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

Dillon 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 Dillon 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	Dillon County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	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
Florence 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.

DHEC held a public meeting in Florence on October 8, 2002, to discuss the Early Action Plan (EAP) for the 8-hour Ozone Standard. Attendees included county representatives, local industry, the Sierra Club and the local newspaper. DHEC maintained a copy of the official sign-in sheet.

Florence County officials have attended/participated in the following meetings:

a. February 3, 2003 – Early Action Compact (EAC) Meeting; meeting held at the Pee Dee COG; attendees included Pee Dee COG officials; other counties within the Pee Dee COG; the Sierra Club; and, SCDHEC
b. April 16, 2002 – A joint meeting was held with Florence County and Darlington County industry representatives.
c. April 29, 2003 – Ozone Awareness Event held at the Pee Dee COG
d. May 12, 2003 – meeting with DHEC staff to discuss the EAC and possible emission reduction strategies.

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.)

Detailed in the attached report is a menu of potential ozone reduction programs. The first approach to achieving a reduction in ground level ozone is through a public and business awareness campaign aimed at ensuring that all citizens of Florence County, both corporate and individual, completely understand the ground level ozone issue.

At least three articles have appeared in the local Florence paper, the *Morning News*:

October 8, 2002 – "Pee Dee air quality not up to par of EPA"
April 28, 2003 – "Pee Dee counties added to ozone program"
April 30, 2003 – "Greater ozone awareness brought to Pee Dee"

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
Florence 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 <insert county name> 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
Additional information regarding possible approaches to reducing ozone formation on a general and on-going basis is included in the attached report.				
Fleet Management	Encourage fleet maintenance; encourage replacement of older vehicles more fuel-efficient and lower emission vehicles; encourage maintaining records of maintenance and replacement as indicator of progress; Encourage fleet operators to review routing and scheduling to maximize efficiency and reduce fuel consumption			
Alternative Fuels	Encourage use of alternative fuels			
Idling Policy	Recommend a "no idling" policy for fleet vehicles when practical			
Idling Policy	Work with SCDOT to discourage vehicle idling in rest areas and weigh stations			
Outdoor Burning	Consider strict controls and enforcement of outdoor burning. Work with stakeholders to develop and enforce codes.			
Energy Consumption	Work with electric and natural gas utility providers to perform periodic energy audits of public and institutional facilities in Florence County. Set a reduction goal. Work with local officials to develop incentives encouraging new and expanding business and industry to adopt low emissions technology, energy consumption.			
Energy - Education	Encourage governments and institutions to educate employees on day-to-day energy conservation measures			

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

Other	Encourage golf courses to replace gasoline powered carts with electric carts as replacement needs are contemplated			
Vapor Recovery	Work with SCDHEC to investigate the benefits of vapor recovery			
Park and Ride Facilities	Work with SCDOT and Pee Dee Regional Transportation Authority to identify commuting patterns. Study feasibility of establishing "park and ride" lots			
Car-pooling	Encourage employers to provide "preferred parking" for car pools			
Traffic Flow	Work with SCDOT to improve traffic flow via computerized traffic signal scheduling and related systems			
High Ozone Day Activities	Ensure local media receive and report ozone forecast. Encourage refueling fleets after peak ozone formation hours. When possible, reschedule utilization of heavy equipment. Work with SCDOT to reschedule construction, maintenance, and mowing projects when possible. Encourage SCDOT to encourage contractors to reschedule construction work when possible Discourage utilization of solvents and non-latex paint where practical. Discourage lawn mowing and utilization of gasoline powered equipment during peak ozone formation hours. Encourage car-pooling or "work at home" days where practical. Encourage SCDOT to close weigh stations to reduce emissions from idling.			

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

FLORENCE
COUNTY
economic
DEVELOPMENT PARTNERSHIP

218-B WEST EVANS STREET
FLORENCE, SC 29501-3427

tel 843-676-8796
toll free 1-800-984-0682
fax 843-676-8799

Florence County
Menu of Potential Ozone Reduction Programs

Florence County commends the Bureau of Air Quality Control of the South Carolina Department of Health and Environmental Control (SCDHEC) for its entrepreneurial approach to decreasing ground level ozone in our community. Florence County is committed to the Ozone Early Action process and will work with state agencies, municipalities, institutions, private industry and the public at large to develop and implement measures that will ensure attainment of ground level ozone standards by the mandated deadline.

Creation of Early Action Ozone Task Force

The Florence County Economic Development Partnership and Florence County have made appointments to serve on a *Florence County Early Action Task Force* (Task Force). This Task Force is representative of both governmental, business and community interests and includes individuals with high levels of expertise on the subject of air quality management.

Three-Pronged Approach Recommended

The Task Force contemplates a three-pronged approach to achieving a reduction in ground level ozone by the mandated deadline. The first approach is a public and business awareness campaign aimed at ensuring that all citizens of Florence County, both corporate and individual, completely understand the ground level ozone issue. The second approach is to recommend actions and influence behaviors aimed at reducing emissions of nitrous oxide and volatile organic compounds on a general and on-going basis. The third approach is to recommend specific actions and influence behaviors on those days for which ground level ozone is forecasted to be in the highest category.

Possible Approaches to Building Public and Business Awareness

The Task Force is considering the following approaches to building awareness of "the problem", the Early Action process and the ramifications of failing to achieve attainment by the mandated deadline:

- **Appearances on public access television and commercial television programs.**
- **Appearances on local radio talk shows.**
- **Presentations to civic clubs, business groups, environmental coalitions, governmental councils and agencies and other assemblages.**
- **Publication of a "Ground Level Ozone- What it Means to Florence County" brochure.**
- **Coverage in local newspapers and magazines.**

- Inclusion of ground level ozone-related articles in the newsletters issued by the Economic Development Partnership, Chambers of Commerce, and other organizations.
- Working with Florence County school districts to educate students about what they can do to preserve air quality.

Possible Approaches to Reducing Ozone Formation on a General and On-Going Basis

- Identify owners/operators of major fleet vehicle pools in Florence County, including public, private and institutional concerns:

  -Encourage fleet maintenance to ensure that vehicular emissions remain within manufacturer's standards.
  -Encourage replacement of older vehicles with vehicles that are more fuel-efficient and with lower emissions.
  -Request that fleet vehicle users maintain accurate records of vehicle maintenance and replacement as an indicator of progress toward lower emissions.
  -Encourage the utilization of alternate fuels when able to demonstrate a return on the cost retrofitting and maintaining existing vehicle fleets.
  -Recommend a "no idling" policy for fleet vehicles when practical. Encourage the numerous truck stops/auto plazas in Florence County to promote no idling of vehicles when practical. Provide refrigerated over the road trucks with electrical outlets where practical and economical.
  -Encourage fleet operators to constantly review routing and scheduling to maximize efficiency and reduce fuel consumption.

- Consider placing strict controls and strictly enforcing outdoor burning, including outright bans on the burning certain substances that produce nitrous oxides or volatile organic compounds.

  -Work in coordination with county and municipal public works departments, law enforcement, environmental services departments building and codes enforcement offices, fire departments, etc. to develop stronger county and municipal codes and to strongly enforce these codes.

- Work with electric and natural gas utility providers to perform periodic energy audits of all public and institutional facilities Florence County.

  -Set a goal of ____% reduction in annual non-weather related energy consumption in same facilities over a ____ year period.
  -Encourage governments and institutions in Florence County to educate their employees on day-to-day energy conservation measures.

- Other:
  -Encourage golf courses utilizing gasoline powered carts to switch to electric carts as replacement needs are contemplated.
  -Work with the S.C. Departments of Transportation and Public Safety to

discourage vehicle idling in rest areas and weigh stations in the county.
-Seek the assistance of SCDHEC to investigate the benefits of requiring "vapor recovery" systems on fuel dispensing equipment in the county.
-Work with the S.C. Department of Transportation and the Pee Dee Regional Transportation Authority to better identify commuting patterns in the greater Florence County region. Study the possibility of establishing "park and ride" lots to transition from private vehicles to public transit.
-Encourage employers to provide "preferred parking" for car pools.
-Work with the S.C. Department of Transportation to improve traffic flow via computerized traffic signal scheduling and related systems.

Possible Approaches to Reducing Ozone Formation on High Ozone Days

- Ensure that local/regional media are receiving and reporting high ozone predictions as released by SCDHEC.
- Encourage fleet vehicle operators in Florence County to refuel vehicles after peak ozone formation hours (6:00 PM+?).
- Have the County and its municipalities re-schedule the utilization of heavy equipment (mowers, heavy construction vehicles, etc.) if at all possible.
- Seek assistance from the S.C. Department of Transportation in rescheduling construction, maintenance and mowing projects where practical. Ask SCDOT to encourage their contractors to reschedule construction work when practical.
- Discourage the utilization of solvents and non-latex paint by individuals, government agencies, institutions and private businesses where practical.
- Discourage lawn mowing and the utilization of other gasoline powered equipment by individuals, businesses, government agencies and institutions during peak ozone formation hours.
- Encourage car-pooling or "work at home" days for governmental, institutional and private sector employees where practical.
- Encourage SCDOT to close any weigh stations in the county to reduce emissions from idling over the road vehicles.
- Work with county, municipal and state elected and appointed officials to investigate possible incentives to encourage new and expanding business and industry to adopt low emissions technology, energy conservation, etc.

MARION COUNTY ENVIRONMENTAL SERVICE
1301 North Main Street
Post Office Box 992
Marion, SC 29571

RECEIVED
MAY 22 2003
BUREAU OF AIR QUALITY

Douglas M. Page
Compliance Officer

Phone *843-423-8234*
Fax *843-431-5417*

Early Action Compact Milestone - June 2003
Progress Report

Marion County

1. An Ozone Action Coordinator has been named. In an attempt to identify and enlist the assistance of stakeholders, advertisements have been taken in the local paper, *The Marion Star and Mullins Enterprise* (copy is attached). However, there has been no response to date. Additional advertisements and personal contacts will be used to identify interested stakeholders.

2. Marion County hopes to be able to pursue steps to set an example as a stakeholder and to take an active part in helping to promote ozone level reduction. The following ideas are being considered for implementation by the county.

A. Future purchase of vehicles with highest emission standards.
B. Use of alternative fuels whenever possible.
C. Implement policy reducing idiling time for county vehicles.
D. "No Topping Off" policy for county vehicles.
E. Rescheduling of mowing times whenever possible.
F. Seek to reduce energy use in county buildings.
G. Eliminate travel by county vehicle whenever possible.
H. Code enforcement of illegal burning laws.

3. Ozone education brochures have been requested for distribution. Public notice advertisements have been placed. Additional advertisements will be run periodically to provide public awareness of the dangers of high ozone levels.

Douglas Page, Ozone Coordinator

PUBLIC NOTICE

South Carolinians are fortunate to live and work for the most part in a state with good air quality. Clean air is an essential natural resource important to outdoor work activities, recreation, agricultural production, and tourism.

Ground Level Ozone is a type of air pollution that forms on hot sunny days when nitrogen oxides and volatile organic compounds react. While the ozone layer in the upper atmosphere is very beneficial and protects us from the sun's harmful ultra-violet rays, ground-level ozone can be harmful to our health and the environment. For example, children and adults with pre-existing lung disease such as chronic bronchitis, emphysema, and asthma are especially sensitive to ground level ozone. Exposure can frequently cause shortness of breath, coughing and related pulmonary distress.

Reducing ground level ozone lowers health risks for people in South Carolina and across the nation. It also helps ensure the continued quality of life we have come to expect. To address this problem more directly, the Environmental Protection Agency has formulated plans to adopt a more stringent standard for ground level ozone. South Carolina DHEC and Marion County are involved in this process. In fact, Marion County has signed the Early Action Ozone Compact which will facilitate the planning of strategies designed to meet the new EPA standard once adopted.

All of us in Marion County are stakeholders in this process as we all breathe the same air. If you would like to become more knowledgeable and involved as an individual, organization, business, institution, or industry, please call Marion County Environmental Services at 423-8234 for more information on how you can help.

RECYCLE
REDUCE REUSE

Marion County
Environmental Services

RECYCLE
REDUCE REUSE

5422

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

Marion 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 Marion 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	An Ozone Action Coordinator has been named. Douglas Page, Ozone Coordinator 843-423-8234	Not available	March 2003	County wide
Fleet Management	Future purchase of vehicles with highest emission standards	Not available	April 2005	County wide
Fuels	Use of alternative fuels whenever possible	Not available	April 2005	County-wide
Idling	Implement policy reducing idling time for county vehicles	Not available	April 2005	County-wide
Re-fueling	"No-Topping Off" policy for county vehicles	Not available	April 2005	County-wide
Lawn Maintenance	Rescheduling of mowing times whenever possible	Not available	April 2005	County-wide
Energy Consumption	Seek to reduce energy use in county buildings	Not available	April 2005	County-wide
Reduce VMT	Eliminate travel by county vehicle whenever possible	Not available	April 2005	County-wide
Open burning	Code enforcement of illegal burning laws	Not available	April 2005	County-wide
Education	Distribute ozone education brochures, periodic public awareness advertisements will be issued	Not available	April 2005	County-wide

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

Early Action Compact Milestone - June 2003 - Progress Report
Marion 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.	X	Advertisements for stakeholders have been taken in the local paper, The Marion Star and Mullins Enterprise (copy attached).
3.	X	A stakeholder meeting has not yet been planned.
4.	X	Additional advertisements and personal contacts will be used to identify interested stakeholders.
5.	X	County Administrator participated in two meetings with SCDHEC and the other counties within the Pee Dee Council of Governments regarding the Early Action process. Discussions included emission reduction strategies. Meetings were held on December 2, 2002, and February 3, 2003.

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.	X	A press release regarding the 8-hour ozone standard and/or activities related to the Early Action Compact has been issued. (copy attached)

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

Marlboro 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 Marlboro 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, Gray Bostick, has been identified as the Air Quality Contact. At a minimum, Mr. Bostick will be responsible for ozone education/outreach and dissemination of ozone forecast.	Not available	March 2003	County wide
Support state-wide efforts	Marlboro County will support the efforts of SC DHEC regarding state-wide emission reduction strategies.	Not available		County wide
Fleet management	Marlboro County will consider alternative fueled and hybrid vehicles in the replacement of county fleet vehicles when appropriate.	Not available	Fiscal Year 2003-2004	County wide
County Bid Proposal Process	Marlboro County will give preference to companies that use environmentally "friendly" equipment on county projects.	Not available	Fiscal Year 2003-2004	County wide
Education	Marlboro County will work with the local school district to encourage the use of the "Action for a Cleaner Tomorrow" curriculum	Not available	School Year 2003-2004	County wide
Corporate cooperation	Marlboro County will seek to create partnerships with local businesses and industries in an effort to increase awareness of air quality concerns.	Not available		County wide
Corporate sponsorships	Marlboro County will encourage local businesses and industries to provide financial support to those striving for improved air quality.	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

Marlboro 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	The initial stakeholders for Marlboro County included county government officials, the Pee Dee Council of Government (COG) and SCDHEC. Other more recent stakeholders are the City of Bennettsville, The School District of Marlboro County, as well as two major local industries: Weyerhaeuser Industries (wood/paper products) and Delta Finishing (textiles).
2.	X	All stakeholders have been consulted regarding the emission reduction strategies under consideration
3.	X	Marlboro County Administrator, Anna Hubbard participated in a meeting on December 17, 2002. The meeting was hosted by the Pee Dee COG. SCHDEC presented information regarding the 8-hour ozone standard and the option for participation in an Early Action Compact. All Pee Dee COG counties were invited.
4.	X	Marlboro County Administrator, Anna Hubbard participated in a meeting on February 3, 2003 with the Pee Dee COG, SCDHEC and other counties within the Pee Dee COG
5.	X	Gray Bostick, Director of Planning/Zoning and Environmental Control for Marlboro County, and the local Air Quality Contact, attended a DHEC-sponsored teleconference on February 26, 2003 held at the DHEC-Florence offices.

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.	X	Marlboro County's plans with regard to the 8-hour ozone standard and/or activities related to the Early Action Compact were discussed in a public forum via a county council meeting held in early 2003.
2.	X	There has been very limited press coverage of Marlboro County's activities to date. It is expected, however, that press coverage will be ample once more visible actions and/or activities are initiated.
3.		

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

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.