#### MINUTES

#### ALBEMARLE-PAMLICO ESTUARINE STUDY

ALBEMARLE CITIZENS' ADVISORY COMMITTEE MEETING Roanoke/Chowan Wildlife Club November 17, 1987

Attendance (see Attachment A)

The meeting was called to order at 7 p.m. by Chairman Dr. Parker Chesson. He extended welcome to those present and recognized the members of the Roanoke/Chowan Wildlife Club who graciously provided a day-long round of activities including a tour of Union Camp Paper Mill in Franklin, Va., culminating with a pig pickin' at their club facility (see Attachment B). Those recognized were:

Joe Stutts Sidney Henson
Phil Henson Lynn Henry
Bessie Henson A. B. Whitley

Chairman Chesson noted that there were 18 members present and then introduced Dr. Doug Rader, Project Director for the Albemarle-Pamlico Estuarine Study project.

Dr. Rader introduced Joan Giordano, Public Involvement Coordinator, briefly described her duties and expectations for the program.

#### OLD BUSINESS

Motion to have the minutes of 7/14/87 and 9/17/87 (Executive Committee) meetings accepted as written was made by Chairman Chesson, with John Stallings moving to accept and Terry Pratt seconding the motion. Motion carried.

## NEW BUSINESS

Dr. Rader reported on the October 20, 1987 Policy Committee meeting citing the following:

- 1. an appropriately larger role for the State of Virginia,
- 2. the approval of the national designation package,
- appointment of new Technical Committee member and soil conservationist, Bobbye Jack Jones,
- 4. establish the Technical Committee as a day-to-day management body,
- 5. passed a resolution to have CAC input on replacement of members,
- 6. accountability of the Technical Committee to the CACs'. (Dr. Chesson and Mr. Derb Carter (Pamlico CAC) are now members of the

Policy Committee; Mr. John Stallings and Dr. Ernie Larkin are now members of the Technical Committee, as requested by the CACs.)

He further discussed the status of funded projects and public involvement projects. (See Attachment C). Discussion ensued.

Dr. Chesson outlined the proposed Executive Committee for the Albemarle CAC and asked for a motion to approve. Motion was made by Bill McGeorge and seconded by Dr. Robert Powell. Motion carried. Committee members are listed below.

### EXECUTIVE COMMITTEE

Dr. Parker Chesson, Chairman John Stallings, Vice-Chairman Carolyn Hess Dr. Mike Corcoran Don Flowers Al Howard Joe Stutts

Dr. Chesson continued by proposing three standing committees:

#### STANDING COMMITTEE

Public Awareness Program Review Environmental Issues

Dr. Tom Quay (Pamlico CAC) outlined the Pamlico CAC position and recommended parallel structure. Mr. Don Flowers moved the establishment of three standing committees parallel to the Pamlico CAC committees, as follows:

Public Awareness/Governmental Relations Program Review Environmental Issues and Technical Review

Mr. Stallings seconded. Derb Carter, Chairman of the Pamlico CAC endorsed the concept of three standing committees. The motion carried unanimously.

Dr. Chesson commented on a few brief changes in the operating procedures. (See Attachment D). He called for a motion of approval. Dr. Corcoran moved to accept with Mr. Bill Piland seconding.

Vacancies on the Albemarle CAC were discussed due to the resignations of Mary Harrell and Gilliam Wood. Chairman Chesson asked that recommendations to fill the two slots be directed to the Policy Committee (Dr. Chesson) or to Dr. Doug Rader by 11/27/87. (A total of 30 members is required for each CAC.)

Dr. Rader discussed the 11/24/87 meeting in New Bern of the <u>Governor's Coastal Initiative</u> to be held at Tryon Place at 3 p.m. He recognized Mr. Carter (Chairman Pamlico CAC) as a member of the Governor's Blue Ribbon Commission, and Mr. Carter elaborated on the Initiative adding that 4-5 public meetings will be held following the 11/24/87 kickoff to solicit public input. Rapid

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implementation of the effort is expected with a three month timeframe.

Dr. Rader was asked to send a copy of the Coastal Initiative working paper to all CAC members.

Mr. Carter reported further on the activities of the Pamlico CAC citing the following:

- o Dr. Tom Quay is the official liaison to the Albemarle CAC
- o Their group has met twice in Washington, NC and once each in Aurora and Swanquarter
- o Their next meeting is slated for January 19 at Manteo, to address wildlife issues.

A review of the November 14, 1987 meeting in Elizabeth City was discussed and copies of recommendations made at the meeting were distributed (see Attachment E). Comments and discussion ensued.

Dr. Rader charged the CACs with the success of the Albemarle-Pamlico Estuarine Study project. He reinforced their ownership of the program and briefly discussed future activities. Among them were::

- a merchandising effort (t-shirts, logos, etc.)
- 2. establishment of an Albemarle-Pamlico Foundation
- 3. undertaking an educational process for the public
- 4. citizens monitoring/Streamwatch

## OTHER BUSINESS

In other business, Don Flowers of MOA, introduced a motion and briefly spoke/demonstrated a proposed change in the airspace over but not limited to the area involved in the Albemarle-Pamlico Estuarine Study project. After much lively discussion, the motion was amended to read:

"The Albemarle Citizens' Advisory Committee of the Albemarle-Pamlico Estuarine Study requests that all administrative actions by the U.S. Environmental Protection Agency on the proposed Marine Corps airspace expansion and all other military airspace expansions be held in abeyance until a joint session of the Technical Committee for the study and the Citizens' Advisory Committees can be briefed by federal officials (both EPA and military). Furthermore, the Citizens' Advisory Committee requests that complete Environmental Impact Statements should be required on all phases of proposed airspace expansions."

Ralph Calfee seconded. After additional discussion, the substitute motion carried. The letter filed by Dr. Rader is appended as Attachment F.

In other business Bill McGeorge made motion that the Public Awareness/Governmental Relations Committee of the Albemarle CAC work with the

Pamlico CAC and proceed with an immediate feasibility study (and if feasible with the implementation) of a foundation to encompass a whole study area and to develop public awareness for:

- o fundraising
- o receiving and making gifts.

John Stallings seconded the motion. Motion carried unanimously.

Yates Barber informed the gathering of a tentative January meeting to the be held in Currituck County for the purpose of informing the citizenry of the APES studies and to encourage them to participate. Also he hopes to have a "Streamwatch" begun there.

The next meeting of the Albemarle Citizens' Advisory Committee is set for Tuesday, February 9, 1988, in Currituck County (or possibly Tyrrell County).

There being no further business, the meeting was adjourned at 9:35 p.m.

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## ALBEMARLE CITIZENS' ADVISORY COMMITTEE

# November 17 Field Trip and Public Meeting

- 10:00 a.m. Bus leaves Roanoke-Chowan Wildlife Club for Union Camp in Franklin, Virginia
- 10:45 a.m. Arrival at Union Camp presentation by Environmental Engineering Department (Dr. Pagoria)
  Questions and Answers
- 11:30 a.m. Tour Union Camp Effluent Management System (Primary clarifier and sludge dewatering, aeration stablization basin (350 acres 13 aerators), "C" Pond (1,650 acres), "D" pond (release level control), and release structure.
- 12:30 p.m. Lunch at "The Battery", an old Confederate fortification on the Chowan box lunches by Union Camp.
- 1:15 p.m. Depart for return to R/C Wildlife Club
- 2:00 p.m. Boat tours of the Chowan (Union Camp Environmental research boat, Weyanoke, and others)
- 5:30 p.m. Reception and pig pick'n
- 7:00 p.m. Meeting of Albemarle CAC (open to public)

FIRST YEAR TECHNICAL PROJECTS

# ALBEMARLE-PAMLICO ESTUARINE STUDY

The following projects have been approved by the Policy Committee for first-year funding, depending upon final legislative appropriations.

		SUBJECT	PRINCIPAL/ INVESTIGATORS	INSTITUTIONS
<sup>8</sup> 51,534	1.	Environmental determinants of oyster bed success	Sutherland, Ortega & Peterson	Duke University Marine Laboratory & UNC Institute for Marine Sciences
KIIK	2.	Data requirements for fisheries stock assessment	Mercer & Street	NC Division of Marine Fisheries
k sok	3.	Value of recreational fishing	Smith & Palmquist	North Carolina State University
#34	K 4.	Analysis of nursery area data	Street	NC Division of Marine Fisheries
× 27,475	5.	Ecological function of fringe swamps	Brinson	East Carolina University
₩ 47,395	6.	Potential for eutrophication & nuisance algal blooms	Paerl	University of North Carolina
± 43,739	7.	Nutrient reduction by coastal swamps	Kuenzler	University of North Carolina
: 39,417	8.	Baseline demographic trends (permanent & seasonal populations)	Tschetter	East Carolina University
K 65K	9.	Analysis of existing hydrologic & water quality data	Bales	US Geological Survey
# 115K	10.	Offsite effects of Best Management Practices	Bales	US Geological Survey
₹ 143K	11.	Flows & flow patterns in the Neuse & Pamlico River systems	Bales	US Geological Survey

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S.		SUBJECT	PRINCIPAL/ INVESTIGATORS	INSTITUTIONS
4 66K	12.	Excluder devices in the inshore shrimp fishery	Pearce	Mariner's Marine
<b>以32</b> K	13.	Obstructions to migration of anadromous fish	Collier	US Fish & Wildlife Service
£37,881	14.	Distribution of submersed aquatic plants	Davis	East Carolina University
k 73K	15.	Aerial survey of submersed aquatic plants	Thayer	US National Marine Fisheries Service
其31K	16.	Water column & bottom sediment dynamics	Wells	UNC Institute for Marine Sciences
& lok	17.	Hyde County Soil Survey Cost Share	Philen	NC Division of Soil & Water Conservation

Also, the following projects have been recommended for December funding:

18. Wetland protection strategies	Adams	North Carolina State University
19. Heavy metals in bottom sediments	Riggs	East Carolina University
20. Current resource management programs	Nichols	Research Triangle Institute

In addition, the Peer Review Committee has requested the following actions:

Workshops on 1) hydrologic & water quality modeling

2) remote sensing (land use/land cover; etc.)3) fish diseases.

Workgroups 1) striped bass declines

natural area/wetland inventories & endangered species
 recruitment processes & their effects on nursery function
 toxicants and pesticides.

Proposal solicitation/revision on 1) management of fecal contamination

2) management of nursery area impacts

# FIRST YEAR PUBLIC INVOLVEMENT PROJECTS

# ALBEMARLE-PAMLICO ESTUARINE STUDY

The following projects have been approved by the Policy Committee for first-year funding, depending upon final legislative appropriations.

	SUBJECT	PRINCIPAL/ INVESTIGATORS	INSTITUTIONS
1.	Citizen's monitoring network	McNaught	Pamlico-Tar River Foundation
2.	State of estuaries booklet	Okum	UNC Institute for Environmental Studies
3.	Public service announcements	Okum	UNC Institute for Environmental Studies
4.	Media tour	Kennedy	NC Coastal Federation
5.	Workshops on management issues & guidebooks	Kennedy	NC Coastal Federation
6.	Videorape/slide show	(NRCD reserve until contractor selected)	
7.	Newsletter	Public Involvement Coordinator	Albemarle-Pamlico Estuarine Study
8.	Public meeting	Carson & Powers	Elizabeth City State University

Total Cost:

\$100,136

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#### **PROCEDURES**

## ALBEMARLE CITIZENS' ADVISORY COMMITTEE

- 1. The charge from the Policy Committee to the Citizens' Advisory Committees (CAC's) shall provide the basis for action of the CAC's, namely:
  - A. To provide a mechanism for structured citizens' input, including providing recommendations, into the Albemarle-Pamlico Estuarine Study process from their respective regions.
  - B. To assist in the dissemination of information relevant to or developed by the project in their respective regions.

More specifically the CAC's shall:

- X
- A. Report at each meeting of the Policy Committee and the Technical Committee, through the chairperson and the vice-chairperson, respectively.
- B. Review all documents and materials produced by the Albemarle-Pamlico Estuarine Study. They shall include the results of such review reports to the Policy Committee and the Technical Committee.
- C. Take such initiatives as are necessary and appropriate, in conjunction with the other activities of the Albemarle-Pamlico Estuarine Study, to ensure adequate citizen input from affected and interested constituencies in their regions.
- 2. Meetings shall occur at least four times annually in the region and shall be called by the chairperson or by petition of a majority of duly appointed members. Meeting dates shall be set prior to adjournment of all meetings, and shall occur approximately in August, November, February, and May. All meetings shall require at least ten working days notice to all members. Three consecutive unexcused absences will result in the chairperson recommending to the Policy Committee that the member be replaced. At the same time, a person will be recommended as a replacement.
- 3. Chairperson and vice-chairperson shall be elected by majority vote of those members present, and shall serve for one year from date of election. Chairperson and vice-chairperson may be reelected without limit. The vice-chairperson will serve as chair in the chairperson's absences. Chairperson and vice-chairperson may designate any member of their committee as acting chair in their absence.
- 4. The Policy Committee has directed that parliamentary procedures be used for all meetings of the CAC's. A quorum shall be one-third of duly appointed members. Simple majority of a quorum shall rule. Only duly appointed members may vote. Proxies are allowable for informational purposes, but proxies cannot vote.



5. Members are appointed by and serve at the pleasure of the Policy Committee. Replacements must be approved by that body. CAC's may recommend replacements for Policy Committee consideration.



- 6. The chairperson of each CAC will serve as a voting member of the Policy Committee. The vice-chairperson will serve as a voting member of the Technical Committee.
- 7. The Policy Committee has directed that all documents or resolutions developed by the Policy, Technical, or CAC members or their staffs be distributed to all Policy, Technical and CAC members preferably a week in advance of proposed action in order that members may have adequate time for review and comment, unless the document or resolution is developed at the meeting. Proposed agenda items should be forwarded to the Project Coordinator.
- 8. The Policy Committee has directed that no member of the Policy Committee, Technical Committee, or CAC's may serve as a Principle Investigator on any proposal. If an investigator from a Policy, Technical, or CAC's members institution, agency, or company submits a proposal, that committee member shall not formally comment, endorse, or vote on that proposal.
- 9. The Policy Committee has determined that a goal of the Albemarle-Pamlico Estuarine Project will be to maintain open communication channels with the press. The official contact person for all Albemarle-Pamlico Estuarine Project press questions shall be the Project Coordinator. The CAC's may make press releases as they deem appropriate following formal committee action.
- 10. The Policy Committee has directed that no travel expenses will be paid for any Policy, Technical, or CAC members with the following exceptions:
  - A. Out-of-State (North Carolina) travel for project-related meetings upon approval of the Policy Committee co-chairmen.
  - B. Travel expenses for invited experts who are neither Federal employees nor North Carolina resdients.
  - C. Travel expenses for "special" needs upon recommendation by the Program Coordinator with approval by the Policy Committee co-chairmen.

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Albemarle Pamlico Estuarine Study Meeting - November 14, 1987 Results of Workshop Session #1

Moderator: Mike Gantt

Resource Persons: Bill McGeorge

Todd Miller

Participants: Bob Edwards, Fred Bonner, Joe Smith, Ralph Buxton, Andy Andrews, Rann Carpenter,

Buxton, Andy Andrews, Rann Carpenter, Larry Hawkin, Joe Stutts, Lynn Myers, Ann Stinger, Bob Bernum, Marie Newport, Melva Calhoun, (list may not be complete).

Brief Summary of Major Discussion Point/Recommendations for Consideration:

1. National Wetland Inventory must be completed.

2. Need a system of accountability for the program-a way to measure program's success/progress.

3. Several public relations points:

- a. Need a better way to work with the press to give them valid information and news. May need professional public relations work.
- b. Need mechanisms to increase public awareness now and a better means for information dissemination.
- c. Press should be fully informed of meetings such as this—group questioned why no TV coverage.
- 4. Need to identify more ways by which the general public may be involved in the program rather than waiting till the end to involve the public. "What can I do about it?" Strong recommendation for developing a "Bay Book" tailored to APES. Book should include a "trouble hotline" page of appropriate officials to notify regarding potential problems, including telephone numbers (e.g., oil spills, potential water quality, wetland fill violations, etc.). Also need to inform citizens of ongoing programs, such as "Stream Watch," that could be expanded in APES study area.
- 5. Need to consider ways to involve youth: suggestions included instream monitoring, networking, testing, high school classes.
- 6. Recommendation to immediately set goals for water quality and to work toward rapid development of defensible standards.
- 7. A detailed survey should be made to locate old data, retrieve baseline data and to integrate it into the study. Avoid "reinventing the wheel" and design study needs to "make our dollars count". Embodied in this is a need to look at recommendations contained in old studies.
- 8. There is a recognized need to involve citizens in the Piedmont.
- 9. Changes in the regulations may be needed to eliminate exemptions that allow wetland loss/drainage.
- 10. "Citizen Action Committees" is a more appropriate name than "Citizen Advisory Committees."

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- 11. Need for fish community and population data. Need to look for fisheries indicator species (Density-historic vs. current). Need to identify what are the critical species which should be used as indicators.
- 12. Need to consider saltwater fish hatcheries.
- 13. Need to do a study to assess biolgoical effects of trawl damage (utilize primary nursery areas as control sites).
- 14. Need for enhanced coordination-perhaps through a Citizens Advisory Committee newsletter.
- 15. Need a list of study projects now funded and underway.
- 16. Need bold enforcement of existing regulations.
- 17. Need to look at recommendations/feedback provided at citizens meeting in Little Washington. Inaction on several issues highlighted below:
  - -need for system of accountability for program
  - -more workshops/gatherings like first meeting with followup
  - -synopsis of citizens meeting requested
  - -need to involve Piedmont citizens
  - -need to develop a "hotspots" mapping document
     (critical areas)
  - -history of areas with contaminated sediments needed for trends assessments
  - -need for more inspections of effluent discharge
  - -need to enhance communications

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# COMMENTS MADE AT WORKING SESSIONS OF THE ALBEMARLE PAMLICO ESTUARINE STUDY PUBLIC AWARENESS MEETING HELD ON SATURDAY, NOVEMBER 14, 1987

## Group II

- We are all part of the problem we must all be part of the solution.
- Get accurate information on state of the estuary and get this information to the people.
- Extensive monitoring of the estuaries is needed. Increased staffing and use of volunteers will be required.
- 4. Monitor industries and enforce regulations.
- 5. Reexamine present permitting in process to see if regulations need to be more restrictive.
- 6. Lack of individual awareness on the part of the public and accepted responsibility. More education of the people is needed.
- 7. Considerable discussion on what water quality actually means.
- 8. Concerning shore line development protect by buffer zones. Chesapeake program uses a 1000 ft. set-back.
- 9. Opposition was expressed to expansion of the military airspace in the Albemarle and Pamlico regions.
- 10. The Buxton Woods proposed AEC was discussed.
- 11. Alteration of the shoreline by anyone, including state agencies, should be fully investigated and properly permitted.

## Group III and IV

- Expectations may be expanding too rapidly. Arbitrary decisions may be needed, but the people must be convinced there is a problem.
- 2. Concern was expressed regarding the watering down of the coastal run-off regulations. The perception is that Governor Martin endorsed the weakened regulations recently adopted by the Environmental Management Commission.
- 3. Long delay in appointment of the Citizens' Advisory Committees has caused apprehension on a part of environmental groups. It appears that the federal agency (EPA) is providing more leadership in the APES program than the state.
- 4. The politics involved in the program was discussed. This program is up against special interest groups, which will require that the people get involved with their elected officials.
- 5. Peat mining in this region could cause significant problems.
- 6. Scientific studies need to be done. Our waters did not get into trouble overnight and the problems will not be corrected overnight.
- 7. All interest groups involved must be willing to sit down and discuss the issues among themselves.
- 8. The Citizens' Advisory Committees need to be given more responsibility. Citizens need to be encouraged to attend these meetings.
- 9. When and where are the CAC meetings held? The CAC's need to be more involved.
- 10. Information needs to be widely circulated on the seventeen proposals that had been funded.
- 11. Work with the news media to publish information on meetings.
- 12. A special seminar/work session is needed on water quality and how citizens can have an impact.
- 13. Main problem for citizens is communication. Use a variety of sources to get information out to the people.
- 14. Children in the schools need to be educated at an early age about the environment. We cannot expect state officials to do their job without the citizens getting involved.

- 15. Is there a fine for throwing garbage into our waters?
  People are accustomed to disposing of garbage at their own convenience.
- 16. It is encouraging to see what we are talking about and that we are beginning to talk with each other.
- 17. There is a problem with extensive condominium development in the coastal region.
- 18. One commercial fisherman pointed out that he has moved three times because of poor water quality. Citizens need to know what they want for the future, which will involve a value judgment. The state is going to push their objectives for development.
- 14. People need to get involved. We are losing the battle for quality of life in Eastern North Carolina.
- 15. The CAC's have been too political, not meeting enough, and being obstructed by state officials.
- 16. Groups involved in clean water need to be allied on a statewide basis.
- 17. Do not blame a political party or an individual.
- 18. Resolution: Recommend that those gathered at this meeting go on record stating that this should be a non-partisan study (politically).
- 19. We are our own worst enemy. We, the people, are the ones that have done the environmental damage.
- 20. Schools were not advised of this meeting. Groups did not know of the meeting today.
- 21. A public information officer is needed.

22. The Division of Environmental Management acts basically on complaints.

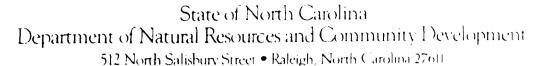
## Group V

- 1. Better communication is needed with the public. Develop a newsletter as soon as possible.
- 2. Examine the possibility of using computer bulletins to share information on the APES program. Consider a speakers bureau.
- 3. Solicit information from and provide information to existing grass roots organizations. Establish local contacts and get them involved.
- 4. The public is poorly informed about this program.
- Use television and radio announcements of upcoming meetings and/or events.
- 6. Consider neighborhood enforcement activities such as Streamwatch. Citizens can be used for monitoring programs.
- 7. Develop a plan which can demonstrate immediate action.
- 8. More emphasis needs to be placed on monitoring of our waters.
- 9. A basin wide approach needs to be used, including Virginia.
- 10. Better coordination is needed between and among state and federal agencies.

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# Group VI

- 1. Too much emphasis is being placed on new studies. Many studies have been done and this information needs to be used.
- Concern was expressed on consistency in applying for permits.
   While some efforts are made to remove point source discharges, others continue to be permitted.
- 3. There is a need to include input and participation from the public across state lines, since much of the Albemarle basin receives waters from the Virginia.



James G. Martin, Governor

5 Thomas Rhodes, Secretary

November 30, 1987

Mr. Lee DeHihns Acting Regional Administrator U.S. EPA, Region IV 345 Courtland Street Atlanta, Georgia 30365

Dear Mr. DeHihns:

On November 17, the Albemarle Citizens' Advisory Committee to the Albemarle-Pamlico Estuarine Study passed a resolution which states:

"The Albemarle Citizens' Advisory Committee of the Albemarle-Pamlico Estuarine Study requests that all administrative actions by the U.S. Environmental Protection Agency on the proposed Marine Corps airspace expansion and all other military airspace expansions be held in abeyance until a joint session of the Technical Committee for the study and the Citizens' Advisory Committees can be briefed by federal officials (both EPA and military). Furthermore, the Citizens' Advisory Committee requests that complete Environmental Impact Statements should be required on all phases of proposed airspace expansions."

The issue of possible social and environmental impacts of the proposed expansions is very serious both to local government groups and to private citizen user groups. The sentiment among attending Citizens' Advisory Committee members was that EPA should be consistent in its concern about Albemarle and Pamlico Sounds and their people, and take all actions within your power to delay airspace expansions until adequate public input is assured.

As project director of the Albemarle-Pamlico Estuarine Study, I cannot provide an official position on this matter for the State of North Carolina.

PO Box 27687. Raleigh, North Carolina 276H 7687. Telephone 919 733 4984.

An Equal Opportunity / Affirmative Action Employer

However, please consider carefully the request of this broad-based citizens' board convened partially at your request. Your response may be directed to:

> Dr. Parker Chesson College of the Albemarle P. O. Box 2327 Elizabeth City, NC 27909 919-335-0821

Thank you for your consideration on this important matter.

Sincerely, Houges M. Pack

Douglas N. Rader, Ph.D. Project Director

Albemarle-Pamlico Estuarine Study

DNR: kn

Mr. Tudor Davies Mr. Mark Alderson Mr. Bruce Barrett Mr. Ted Bisterfeld

Dr. Parker Chesson Mr. Derb Carter Ms. Joan Giordano

Ms. Lorraine Shinn

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Mr. Wally Jones