

Pamlico Citizens' Advisory Committee
Beaufort Community College
Washington, NC
August 24, 1989
7:00 pm

Minutes

Attendance - See Attachment A

Chairman Carter called the meeting to order at 7:15 pm and welcomed those present. He briefly described the Albemarle-Pamlico Estuarine Study (A/P Study) to the members of the public that were present and recognized the P-CAC members in attendance.

Consideration of Minutes - Chairman Carter presented the minutes of the previous meeting (June 17, 1989) for approval. A motion by Dick Leach, seconded by Dr. Clark Rodman approved the minutes as written. Motion carried.

Program Update - Dr. Bob Holman presented his report. See Attachment B

Dr. Holman referred the group to a full color poster size photo of the satellite shot which graces the cover of the A/P Study glossy brochure. He added that the posters were available from the program for \$10.00 each and that they were a limited issue. Copies can be obtained by contacting the program office in Raleigh 733-0314 or Joan's office 946-6481. A number of posters will also be available at the August 30th Roundtable Meeting in Williamston.

Dr. Holman also reported that the General Assembly, before adjourning for the session, passed a bill empowering the Legislative Research Commission to create a Surface Water Quality and Resources Issues Committee which will track the A/P Study along with 7 other issues.

Public Participation Update - Joan Giordano presented her report. See Attachment C. She added that it was time for the development of the 4th cycle CFP and that CAC members should begin formulating ideas about that which they would like to see solicited relative to public participation. She informed the group that a letter pertaining to CFP input would be forthcoming from Dr. Mike Orbach, Chair of the Citizens' Affairs Subcommittee of the Technical Committee.

In other discussion, Mrs. Giordano called upon Todd Miller to update the group on the Annual Meeting scheduled for Nov. 4, 1989 in Edenton. See Attachment D.

She then called upon Tom Perlic, Citizens' Monitoring Coordinator (PTRF) to discuss the Technology Transfer and Citizens' Monitoring Workshop to be held in New Orleans, the first week of December, 1989. The A/P Study will be able to fund one representative from each of the CACs to attend the meeting. Because there is not a P-CAC member directly involved in the Citizens' Monitoring Program, Mr. Perlic asked that a very involved citizen, Col. Yaggy from New Bern, be

allowed to go. Mrs. Giordano thanked Mr. Perlic for his recommendation and added that the opportunity should in fact be offered to all the P-CAC before sending someone from outside the program. Anyone on the P-CAC interested in attending the workshop and becoming involved in citizen monitoring should contact Joan at 946-6418 within the next few weeks.

In referring to the September 13th and 14th Agencies and Researchers Review Meetings being held in Washington, NC. Dr. Ernie Larkin asked that they be widely publicized and attendance invited.

Status & Trends Document - Dr. B.J. Copeland outlined the time frame and areas of study pertaining to the Status & Trends Document. The major areas of concern with corresponding sections are:

Water Quality - being overseen by Dr. B.J. Copeland; Resource Critical Areas, by Dr. Dave Adams; Fisheries, by Dr. Bill Hogarth; and Human Environment by Dr. David Brower. He added that CAC members are also playing a role in the writing of the document with Jerry Schill and Dr. Tom Quay helping with the fisheries and critical areas portions respectively. Dr. Copeland emphasized the fact that the document presented was a first draft, and that he was present to answer CAC members' questions, to solicit their comments and to fill in any gaps they may have brought to light. Much discussion ensued particularly with Dr. Copeland's comments regarding 93% of the study area's estuaries as being unimpacted by pollution. See attachment E.

The second draft of the (technical) document is due around September 15th with a final version slated for completion in October. Another version of the S&TD intended for public consumption, and running about 40-50 pages in length, will be distributed in November.

Dr. Copeland notated the committee's concerns and thanked them for their thorough participation.

Vacancies - Chairman Carter announced that there were currently four vacancies on the committee occurring to resignations by Stuart Shinn, Alton Ballance, Don Ensley and Susan King. He added that there probably would be more due to perpetual non-attendance by two committee members. He then opened the floor to further nominations in addition to the names which have been communicated to him over the last several weeks. A number of names were submitted and were added to the ballot. See Attachment F. The ballots were distributed and a vote was held. Chairman Carter directed that the first four top vote getters would be recommended to the Policy Committee to fill the four definite vacancies and that the next two highest would be recommended for filling the possible additional two vacancies. The ballots were collected and due to the lateness of the hour, were tallied elsewhere. Note: the results of the voting were:

Top 4: Eddie Smith
Dr. Vince Bellis
Eltes Henries, Jr.
Dr. John Van Duyn

||| |||

Additional vote getters:
Zeno Katcliffe
Ray Fogle
Sharon Gibbs
Roger Maip

The names of the top four vote getters were presented to the Policy Committee on August 31st as recommended to fill the four vacancies. The additional four names were presented for consideration relative to the subsequent vacancies created by members' non-attendance. The Policy Committee appointed the first four and deliberated the second four with their final appointment being Sharon Gibbs and Roy Fogle.

Officers of Committee - Billy Jackson moved that Dr. Ernie Larkin remain as Vice Chair and that Derb Carter remain as Chair of the P-CAC for another term. The motion was seconded by Dr. Clark Rodman. The motion carried.

Other Business - Dr. Ernie Larkin made reference to a memo sent to committee members by Derb Carter on Aug. 14th where specific suggestions were solicited for "action items". These were ideas that could be implemented quickly and inexpensively. See Attachment G. Dr. Larkin reiterated the request in hope of presenting the suggestions to resource managers at the Roundtable Meeting on Aug 30th. Suggestions were to be called in or sent to him.

There being no further business the meeting was adjourned at 10:30 pm. The next meeting is scheduled for October 25, 1989 at a time and place to be arranged.

Pamlico Citizens' Advisory Committee
Beaufort Community College
Washington, NC
Bldg. 3 - Room 124
August 24, 1989
7:00 pm

AGENDA

Call to Order	Derb Carter
Consideration of Minutes	
Program Update	Dr. Holman
Public Participation Update	Joan Giordano
Vacancies on P-CAC	Derb Carter
<u>New Business</u>	
Election of Officers	Derb Carter
Status and Trends Document	Dr. B.J. Copeland
Questions/Answers/Public Comment	
Adjourn	

P-CAC Attendance Attachment A
 8/24/89
 BCCC

<u>NAME</u>	<u>Affiliation</u>
✓ Bill Giordano	APP Study Staff
Robert Holman	R/P Study Staff
✓ Justin H Daniels	PAC
B J Copeland	UNC Sea Grant
✓ Carl Hayes	DARE CO
Sam Fawcett	Washington N/C
✓ Clark Pinner	PAC
✓ Ernie Parkin	P-CAC
✓ Dick Leach	P-CAC
✓ Billy Jackson	P-CAC
Betty Gray	Washington Daily News
✓ Ann Carter	P-CAC
✓ Ralph Linton	P-CAC
✓ WILLY PHILLIPS	P-CAC
✓ Ted Miller	P-CAC
✓ Frank Sommerkamp	P-CAC
Tom Perle	PTRF
✓ JOHN T. SPAGNOLI	P-CAC
David McNaught	PTRF
✓ Scott Whitford	P-CAC
✓ John Greene	P-CAC, WRAL-TV
Dawn Parks	ECU
Bob Herrmann	Weyerhaeuser
✓ Aub Carter	P-CAC

ALBEMARLE-PAMLICO ESTUARINE STUDY

DIRECTOR'S REPORT

ALBEMARLE/PAMLICO CAC MEETINGS

August 23/24, 1989

- 1) FY 1989 BUDGET
 - a) All the cooperative agreements to fund 1989-1990 projects should be signed and sent out this week or early next week.
 - b) Expansion Funds were not gained in this legislative session.
 - c) Legislative Study Commission
- 2) EARLY DEMONSTRATION PROJECTS
 - a) Three 1988 Agricultural BMP Projects moving ahead but experiencing problems due to excessive rainfall.
 - b) Greenville Urban BMP project approved and cooperative agreement being sent to EPA contract office.
 - c) Possibility of other funds available for one of the remaining four projects
- 3) INFORMATION MANAGEMENT
 - a) Users' Need Assessment Report has been reviewed by information management subcommittee and peer reviews and comments have been sent back to LRIS (Land Resources Information Services) for incorporation in second draft.
 - b) A companion document to the Users' Needs Assessment Report (UNAR) entitled "Functional Description" will be sent to the subcommittee in the last week of August for review. This second document provides a conceptual view of the software functions and interaction of the geographic information system from a user's perspective. It is a more detailed description of system design than is defined in the A/P Study Work Plan (1987).
 - c) Land Resources Information Service (LRIS) is developing an atlas of all the information layers that are currently available from the geographic information system (GIS) for the A/P Study area. The atlas will be available at the Researchers' Annual Workshop (September 14, 1989).

4) TECHNICAL SUBCOMMITTEES

- a) All six subcommittees have been active; all committees have had at least one meeting since the last Technical meeting on May 10, 1989. The information management subcommittee has been communicating by telephone and mail.
- b) Milestone document
- c) Development of draft COMP outline
- d) Update of Baseline Water Quality Monitoring Plan

5) MEETINGS

- a) May 22 - VA/NC Chesapeake, VA - Status and Trends/Early Demonstration
 - b) May 23 - Meet with three COGs
[Mid-East/9/17] [Albemarle/9-16] [Roanoke River/9-11]
 - c) May 18 - Artificial Wetland Wastewater Treatment (Herzog/Engelhard)
Hyde County submitting Grant to EPA for feasibility study
 - d) June 13 - Presentation Pulp & Paper Industry
 - e) June 14 - Press Conference - Washington update Program Status
 - f) July 11 - Presentation Coastal Zone '89, Charleston, SC
Also at least three researcher presentations
- 6) STATE/FEDERAL INTERACTION MEETING - September 11, 1989
ANNUAL RESEARCHERS' REVIEW WORKSHOP - September 12, 1989
- 7) UPDATE ON DIVISION OF ENVIRONMENTAL MANAGEMENT
Tari/Ramlico Basin Designation (EMC-Sept.)
Chowan River Water Quality Plan - Dec. 1982 (Internal & Virginia Review Stage)
- 8) Resource Managers/Technical Review Committee proposal recommendations for 1990-1991 funding cycle

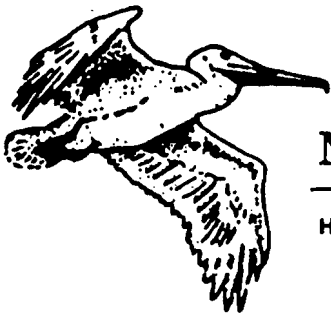
Public Involvement Report for Pamlico CAC

Attachment C

August 24, 1989

1. Public Involvement Plan has been sent to all committees.
2. Newsletter - July edition has been mailed. The next edition will be in September.
3. Lib Willard's PSAs, 5 @ 30 seconds each, are running in Raleigh, Fayetteville, and Greenville. Responses are being recorded and info sent to respondents.
4. The Citizens' Advisory Committees are meeting regularly.
5. A/P Study exhibit was displayed at NC Coastal Federation's Annual Meeting in June. The exhibit is presently on display at Ft. Fisher Aquarium in Wilmington.
6. Public Involvement office has completed contacts for collection of photos needed for State of the Estuary Booklet. Scheduled date of completion for booklet is September.
7. Contract on State Fair Exhibit on Primary Nursery Areas has been let. We will share the cost of the exhibit with Divisions of Soil & Water and Coastal Management. State Fair meetings are held monthly in Raleigh.
8. A/P Study's first of several planned press conferences was held in Washington on June 14th. Three networks, NBC, CBS, and ABC were in attendance as were five newspapers.
9. All P.I.s for third funding cycle attended an informational meeting at Public Involvement Office to become acquainted and apprised of each other's work.
10. A meeting with three COGs in A/P Study area was held at Public Involvement Office for purpose of involving them in the governmental liaison network proposed in the Public Involvement Plan.
11. Public Involvement Coordinator made a presentation on the Public Involvement portion of the A/P Study to the Mid-East Commission.
12. Public Involvement Coordinator has met with Community Outreach Representative from the Pamlico-Tar River Foundation and the Albemarle Environmental Association (3rd Cycle funded projects) for the purpose of designing local government liaison network.

13. Public Involvement Coordinator has met with Lee Wing and Sid Baines of the Agency for Public Telecommunications and NC Wildlife Resources Commission respectively, for the purpose of A/P Study participation in their educational efforts. A similar meeting with Ag Extension Service is planned for the near future.
14. Public Involvement Coordinator attended a seminar on Aquatic Project Wild which demonstrated varied techniques for educating students about environmental issues pertaining to water and wildlife.
15. Plans for the next Rountable/Policy Committee meetings (Aug 30 & 31), State and Federal Researchers Review meeting (Sept 13 & 14) have been completed. Preliminary planning meetings for the Annual Meeting have taken place. The Annual Meeting is scheduled for November 4th probably in Edenton.



NORTH CAROLINA COASTAL FEDERATION

Hadnot Creek Farm • 3223-4 Highway 58 • Swansboro, North Carolina 28584 • (919) 393-8185

August 21, 1989

MEMORANDUM

TO : APES Researchers and Committee Members
 FROM : Todd Miller
 SUBJECT : Estuarine Study Annual Meeting

The Coastal Federation has begun working with the Albemarle and Pamlico Estuarine Study Citizen Advisory Committees and staff to organize their annual meeting. This gathering is planned for November 4 in Edenton. It is being designed to be of interest to the general public.

The preliminary agenda for the annual meeting provides participants with hands-on opportunities to learn about research funded by the Study. The agenda is:

Agenda for Annual Meeting

- 9:00 a.m. to 4:30 p.m. Exhibits
- 9:00 a.m. to 10:00 a.m. Coffee and Registration
- 10:00 a.m. to 11:00 a.m. Overview of Study
- 11:00 a.m. to 3:00 p.m. Field Trips With Lunch Provided
- 3:00 p.m. to 4:00 p.m. Wrap-up: Comments and Evaluation
By Members of the Public

We need your help to organize the field trips and exhibits. **Please complete the attached survey and return it to me by September 4.** Our plan is to organize approximately six field trips that will each cover the research areas being addressed by the Study. We need your participation in planning and conducting these field trips to make them successful.

In addition to the field trips, we will have space for researchers and other interested parties to set up staffed exhibits or tables at the annual meeting. This will provide you with the opportunity to explain to the public on a one-on-one basis the purposes of your work.

Thank you for taking the time to fill out survey. Please do not hesitate to contact me if you have any questions or comments.

FIELD TRIP SURVEY
(Return to NCCF by September 4)

_____ **Yes, I will conduct a field trip to illustrate for the public the research that I am conducting as part of the Albemarle-Pamlico Estuarine Study.**

- a. I would like to take the public to the following sight(s) as part of a field trip: [Please be specific about geographic location and amount of time required so that we can combine your trip with those of other researchers.]

- b. I can provide the following forms of transportation and carry the following number of people: [Write number of people you can handle in each blank.]

_____ Bus _____ Vans _____ Boats _____ Cars

- c. _____ I will need for the Study to arrange transportation for my field trip.

_____ **No, I cannot participate in the field trips. However, I will attend the meeting on November 4 and staff an exhibit that explains my research funded by the Albemarle-Pamlico Estuarine Study.**

I will need the following amount of space for my exhibit or table: [Please describe exhibit]

_____ **No, I cannot participate in the Albemarle-Pamlico Estuarine Study annual meeting.**

My name is: _____

93% of Albemarle-Pamlico estuary unaffected by pollution, biologist says

Washington Daily News 8-25-89

By Betty Gray
Staff Writer

About 93 percent of the Albemarle-Pamlico estuarine system has been unaffected by pollution or loss of habitat, according to the principal author of a report on the system.

But scientists don't know enough about some estuarine areas to be sure what is happening to them, Dr. B.J. Copeland told a meeting of the Pamlico Citizens Advisory Committee last night.

Many of the report's findings will be made on the basis of "best professional guess," Copeland said.

Some members of the committee took issue with a report based on "best guess."

"... we need to be very careful about what we say if it isn't based on facts," said committee member Ernest W. Larkin III of Greenville. "If you are not sure of your data, then you shouldn't say that 93 percent of the estuary is unaffected."

"I question whether the study will convince people to take action if it's

based on... guesses," said William F. Jackson, committee member.

"The document is far, far from perfect," Copeland admitted.

He met with the group at Beaufort County Community College to discuss a 600-page first draft of the report on the two estuaries.

Written by a 40-member committee, it includes information on four study areas — critical habitat, water quality, fisheries and the effect of people on the system.

It will be the basis of a management plan to be written under the auspices of the Albemarle-Pamlico Estuarine Study. The plan is to be ready by November 1992.

The reason scientists don't know a lot about some parts of the estuarine system is lack of long-term monitoring in the area, Copeland said.

"In the absence of such a program, we're in bad shape, particularly in the Albemarle," Copeland said.

Some wetlands are disappearing even before scientists learn what their function is in the estuary, he said.

A phosphate ban, implemented about four years ago, has reduced the amount of phosphorus in the river, he said, but the ban by itself is not enough to reduce nutrients entering the system.

The report also says incidents of anoxia — low oxygen — in the estuary have not increased in 20 years. Many fish kills blamed in recent news reports on anoxia today are actually not anoxia-related, Copeland said.

APES is a joint project of the Environmental Protection Agency and the state of North Carolina.

The committee re-elected Derb Carter of Raleigh as chairman and Larkin as vice chairman.

Recommendations for appointment to Pamlico Citizens
Advisory Committee:

(dated: August 23, 1989)

Mr. Eddie Smith	Greenville	^{Owner} Officer , Grady White Boat manufacturing company
Mr. Roy Fogle	New Bern	Regional COG
Dr. Vince Bellis	Greenville	Professor, Biology, ECU
Mr. Etles Henries, Jr.	Aurora	seafood processing
Mr. ^{Dr.} Maurice Volland	Belhaven	Retired Social Scientist
Dr. William Byrd	Greenville	retired professor health and education
Mr. Joe Landino	Columbia	farmer
Mr. Zeno Ratcliff	Pantego	farmer
Dr. John Van Duyn	Plymouth	ag extension entomologist
Mr. Bill Griffin	New Bern	farmer
Mr. Mike Godley	Bath	farmer
Mr. Donny Clayton	Belhaven	farmer
Mr. Jerry Cox	Belhaven	farmer
Ms. Sharon Gibbs	Englehard	Hyde County Commissioner
Dr. Joseph Boyette	Greenville	retired professor biology and Vice-Chancellor Research
Mr. Roger Mays	New Bern	heating and air - NCCF conditioning business
Mr. Henry Colton	New Bern	Retired - Carrier Corp writing ability
Mrs. -yda Oden	Bath	Agriculture
Mr. Bill Foster	Washington	agriculture - was trust
Mr. Willie Foster	Hatteras	Teacher
Ms. Dawn Parks	Greenville	Graduate Student
Ms. Deborah Ames	"	"

Joe Hughes

New Bern
Crawen Co

Forestry
Weyerhaeuser

Brian Anderson

Beth

Forestry

#1

1. Strictly enforce existing legislation.
2. Provide funds for monitoring positions rather than relying on the polluting industries to supply data.
3. Issue fines that could get an industry's attention - or pocketbook.
4. Go after the big fish
 - Existing known industrial polluters
 - POTWs
5. Education

#2

1. Ag BMP and forestry setback for cultivation from ditches etc.
2. Cost Share inadequate for average
 - Now 75% should be 12.5% with 10 year refinement
 - Share to go
3. Forestry - don't exempt them
4. Make agriculture account for the chemicals they use.
5. Expand so more farmers can get it.
6. N.C. Soil & Water Conservation & ASC responsible for education and getting cost share going.
7. Educate regarding cost share program
8. Expand land-use planning up the watersheds the way CAMA makes coastal counties have them.
9. 70% of farmland absentee owned.
10. Require mandatory land use controls
11. Marina policy, look at:
 - Cumulative impact of shoreline modification
 - Bulkhead the entire shoreline piecemeal
 - Chemicals used to treat bulkhead wood etc.

#3

1. Increase testing of sediments.
2. Do something about hotspots
 - Where do they come from
 - Who cleans them up
3. State build ponds for holding sediments, etc. in run-off ditches.

#4

1. Develop Marina Policy
2. Increase Nutrient Sensitive Waters teeth
 - POTW - now 6 mg/L
 - WWTP
3. BMPs mandatory for superfarms, forestry, regulation for animals - new point
4. Taft & Jones - use fines to benefit environment