

Albemarle-Pamlico Estuarine Study  
Policy Committee Meeting  
August 31, 1989  
Williamston, NC

Secretary Cobey called the meeting to order at 9:10 a.m.  
(Attendees list Attachment A)

I. Consideration of Minutes

Derb Carter moved to accept minutes of last meeting;  
Dr. Queen seconded the motion, and the motion was unanimously  
approved.

II. Director's Report - Dr. Bob Holman

Dr. Holman gave an update of the current status of the  
program (Attachment B).

During the discussion of the Consistency Report Milestone, it  
was agreed that Mr. DeHihns and Secretary Cobey would send a  
letter to EPA/OMEP stating that the A/P Study is unwilling to  
meet this milestone until it receives the necessary  
guidelines from EPA.

The committee discussed the Army Corp of Engineers  
involvement with the study. Bill Queen moved that the  
district engineer (COE) be invited to become a member of the  
Policy Committee and that he designate a representative to be  
a member of the Technical Committee. Mike Gantt seconded the  
motion, and the motion was unanimously approved. Co-chairs  
will extend the invitation.

III. Technical Committee (TC) Report - Dr. Ernie Carl

The Technical Committee meet on August 22 and various  
elements of the program were reviewed. The TC felt that the  
program was on track and no action by the Policy Committee  
(PC) is required. Dr. Carl noted there are four documents to  
be produced that must interact; the Milestones, Consistency  
Report, Status and Trends, and Comprehensive Conservation  
Management Plan (CCMP). Dr. Carl informed the Committee of  
some problems encountered with several deliverables/products.  
He stated this type of problem will be avoided during the  
next cycle of contract awards.

Bob Holman stated that the \$48,000 transfer approved by the  
PC from the data management budget was used to expand  
Dr. Noga's efforts on the Ulcerative Mycosis project.  
Dr. Holman said that approximately \$100,000 was saved during  
negotiations with researchers which was used to keep the USGS

monitoring effort going for this next year. Dr. Holman noted that one area lacking funding is DEM's supplemental monitoring with the continuous monitoring stations. In response to Bill Queen and Brewster Brown's concern of incomplete projects from previous years, Dr. Holman stated that proposals, including continuations, are reviewed yearly and contracts are written to cover situations where the Department may have to terminate a project.

Dr. Carl stated that the TC will take the lead in the development of the draft CCMP. Outside experts will be asked to review it. Derb Carter said that the milestones had the experts included as the draft was being developed. During this discussion it was stated that experts will be called upon for input as the draft is being developed. They will also be solicited to review the draft CCMP.

#### IV. Update of Milestones and Development of CCMP Outline:

The Standard Operating Procedures Subcommittee (SOP) developed the Milestones document. It was revised for further clarification and has been submitted to all other committee members. Dr. Holman repeated the procedures to be used in the development of the CCMP which had been previously discussed.

#### V. Citizens' Advisory Committees

##### Pamlico Citizen's Advisory Committee Report - Derb Carter

Mr. Carter said there were four existing vacancies on the PCAC due to resignations. The following four were named as replacements: Mr. Eddie Smith, Mr. Etles Henries, Dr. Vince Bellis, and Dr. John Van Duyn. There was discussion regarding the designated areas of representation on the CACs. Dr. Holman and Mrs. Giordano were instructed to work with the CAC chairmen in categorizing positions on each CAC and insuring correct replacements when vacancies occur. Mr. DeHihns suggested that the categories be reviewed to determine if the structure should be revised. Mr. Carter moved on behalf of PCAC that the four existing vacancies be filled by Mr. Smith, Mr. Henries, Dr. Bellis, and Mr. Van Duyn. The motion was seconded by Don Bryan, and unanimously approved. The issue of geographic location was also discussed. Mrs. Giordano was instructed to develop a form to include pertinent data on each CAC candidate, i.e. occupation, education, affiliation, location, etc. Mr. Carter made a motion to replace Mr. Fred Bonner (sport fishing) and Mr. Neal Lewis (tourism) based on their attendance record. Dan Ashe seconded the motion and the motion was unanimously approved. The committee then discussed the established policy regarding attendance. It was stated that the policy had not been strictly adhered to in the past. The CAC chairs were asked to enforce the

attendance policy. It was stated that a letter would go from the PC informing the members of their replacement. Mr. Carter stated that the committee is essentially making four recommendations for those 2 existing vacancies: Ms. Sharon Gibbs, Mr. Roy Fogle, Mr. Zeno Ratcliff, and Mr. Roger Maze. Mr. DeHihns moved to appoint to the PCAC Sharon Gibbs and Mr. Roy Fogle. Don Bryan seconded the motion, and the motion was unanimously approved.

Albemarle Citizen's Advisory Committee Report - Dr. Parker Chesson

Dr. Chesson noted that there are three existing vacancies on the ACAC and that five individuals were recommended at the last ACAC meeting. Dr. Chesson recommended that Paul Lilly, Shelby Mansfield, and Joe Hollowell be approved to fill the three vacancies on the ACAC. Lee DeHihns seconded the motion. The motion was unanimously approved. Dr. Holman and Mrs. Giordano were instructed to draft three letters for the PC co-chairs stating that the attendance policy will be enforced in the future and to include the attendance record of each member. Dr. Chesson announced his resignation as ACAC Chairman. Brewster Brown was congratulated on his election as ACAC Chairman. Mr. DeHihns proposed a resolution commending Dr. Chesson on his commitment to the A/P Study (Attachment C). Don Bryan made a motion for the unanimous adoption of the resolution which was seconded by Mr. Carter. The resolution was unanimously adopted.

VI. Update of Status and Trends Report - Dr. B. J. Copeland

Dr. Copeland gave a brief overview on the draft Status and Trends Report. He noted that there is considerably more information on the Pamlico Sound than the Albemarle. There is an obvious lack of synoptic analysis of the system. The Status and Trends Report is focusing on the same four areas addressed in the Work Plan: Critical Habitat, Fisheries, Water Quality, and Human Environment (Attachment D). Dr. Copeland said that the second draft of the Status and Trends will be sent out when completed, and he urged everyone to read it and contact him or the members of the working groups regarding their comments. There will not be another round of meetings held to discuss this second draft.

Dr. Holman emphasized that the draft Status and Trends Report is only preliminary and even though Dr. Copeland's work will be completed the end of October, the Status and Trends Report will still be in draft form. It was suggested that additional funding be sought during the FY 1990 funding cycle to develop the mechanism to be used in finalizing the Status and Trends Report.

VII. Special Announcement - Lee DeHihns

Lee DeHihns announced that Bruce Barrett who has been served as co-chairman of the Technical Committee will be stepping down as the EPA Water Management Division Director in Atlanta. Mr. DeHihns has asked Mr. Bowman Crum to sit temporarily in that position for EPA and also act as co-chair of the TC until a replacement is named.

VIII. Review Meeting Schedule

There was discussion on the meeting schedule for 1990. Dr. Holman stated that the February 27 and February 28 meetings will be moved to March 6 and March 7. The Call for Proposals will be sent out on November 22, 1989. Dr. Holman was asked to send the revised schedule to all committee members.

VIII. Public Comments/Questions

Luther Daniels stated that the Status and Trends document will be very useful to him and expressed his thanks for the work which has gone into its development.

The Policy Committee will meet on November 21, 1989, at a place to be announced. The meeting adjourned at 12:45 p.m.

# Attendees LIST

## Policy Meeting

August 31, 1989

- |                    |                                   |
|--------------------|-----------------------------------|
| 1. Joan Siordano   | AIP Study Staff                   |
| 2. Don Bryan       | Policy Committee                  |
| 3. Luther Daniels  | PCAC                              |
| 4. William Queen   | ECU                               |
| 5. B.G. Copeland   | UNC Sea Grant                     |
| 6. Bill Rogarth    | EHNR - DMF                        |
| 7. Bill Casey      | NC Dept. of EHNR                  |
| 8. Karen Donnelly  | EHNR / AIP Study Staff            |
| 9. Daniel Ashe     | Washington DC                     |
| 10. Bob Helman     | EHNR AIP Study Staff              |
| 11. Chuck Nilsson  | EHNR AIP Study Staff              |
| 12. Parker Chesson | ACAC                              |
| 13. Herb Carter    | PCAC                              |
| 14. Mike Gant      | FWS                               |
| 15. David Sides    | EHNR                              |
| 16. Bowman Crum    | USEPA                             |
| 17. Ted Bisterfeld | USEPA                             |
| 18. Ernie Carl     | EHNR                              |
| 19. Lorraine Shinn | EHNR - Washington Regional Office |
| 20. Tom Quay       | PCAC                              |
| 21. Lee DeHhms     | USEPA                             |
| 22. Don Nass       | NOAA - SE Fisheries Center        |
| 23. Bud Cross      | NOAA - SE Fisheries Center        |
| 24. Jim Turner     | USGS - Raleigh                    |
| 25. Brewster Brown | ACAC                              |
| 26. Tom Ellis      | DAL                               |
| 27. Don Flowers    |                                   |

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Attorneys list

Post 10/11/04

- 18. Col. Hollowell
- 19. Geo Hawkins
- 20. Larry Minto
- 21. Marcia Stutz

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(ATTACHMENT D)

DRAFT

PRELIMINARY  
STATUS AND TREND REPORT

First Draft  
July, 1989

DRAFT

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## CHAPTER I

### INTRODUCTION AND BACKGROUND

#### A. THE SETTING

A. 1. Geography and Boundaries

A. 2. Geological Origin

A. 3. Climate and Land

A. 4. Hydrography

A. 5. The Estuary and Society

#### B. ENVIRONMENTAL CONCERNS AND PROBABLE CAUSES

##### B. 1. Identification of Environmental Concerns

B. 1. a. Declines in Fisheries Productivity

B. 1. b. Ulcerative Sore Diseases

B. 1. c. Anoxia-Related Fish Kills

B. 1. d. Changes in Distribution Patterns of Aquatic Sessile Organisms

B. 1. e. Impairment of Nursery Area Function

B. 1. f. Eutrophication

B. 1. g. Habitat Loss

B. 1. h. Shellfish Closures

B. 1. i. Toxicant Effects

##### B. 2. Identification of Probable Causes

B. 2. a. Agriculture

B. 2. b. Commercial Forestry

B. 2. c. Residential and Commercial Development

B. 2. d. Mining and Industrial Development

B. 2. e. National Defense

B. 2. f. Waste Disposal

B. 2. g. Commercial Fisheries

B. 2. h. Recreational Fishing and Boating

B. 2. i. Tourism and Recreation

B. 2. j. Wildlife Resources

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C. 2. Purpose of the Study

C. 3. Limitations of the Study

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- Figure I-2. Cross-section of the stratigraphy of northeastern North Carolina (from Fairbridge 1960).
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B. J. Copeland, Hans Paerl, Don Stanley, Jerad Bales, Edward Kuenzler, Alan Klimek

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- Figure III-4. Relative Impacts of Nitrogen, Phosphorus and Nitrogen-Phosphorus Combination Enrichment on Primary Productivity in the Albemarle-Pamlico Estuarine System (from Hans Paerl).



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    Anadromous Fish Areas . . . . .

    Shellfish Areas . . . . .

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    Wetlands . . . . .

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    Bluefish . . . . .

    Catfish . . . . .

    Atlantic Croaker . . . . .

    Flounder . . . . .

    Weakfish . . . . .

    American Shad . . . . .

    Spot . . . . .

    Striped Bass . . . . .

    White Perch . . . . .

    Shrimp . . . . .

    Blue Crabs . . . . .

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    Hard Clam . . . . .

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    Oysters . . . . .

STATUS OF MAJOR FISHERIES . . . . .

Commercial Fisheries . . . . .

Trawl Fishery . . . . .

Long Haul Seine Fishery . . . . .

Pound Net Fisheries . . . . .

Gill Net Fisheries . . . . .

Crab Pot Fishery . . . . .

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ALBEMARLE-PAMLICO ESTUARINE STUDY

DIRECTOR'S REPORT

POLICY COMMITTEE

August 31, 1989

1) STAFF

- a) Chuck Nilsson - A/P Study GIS Coordinator (March 27, 1989)
- b) Karon Donnelly - A/P Study Office Secretary (July 10, 1989)

2) FY 1989 BUDGET

- a) All the cooperative agreements to fund 1989-1990 projects have been signed and will be sent out next week.
- b) Expansion Funds (\$300,000) were not gained in this legislative session.
- c) Legislative Study Commission - Surface Water Study Committee (3-5 areas to address including A/P Study)

3) 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 processed by EPA Region IV contract office.
- c) Possibility of other funds available for one of the remaining four projects.

4) 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 the second draft to be reviewed by the Technical Committee members.
- 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).

5) MEETINGS

- a) May 22 - VA/NC Chesapeake, VA - Status and Trends/Early Demonstration
  - b) May 23 - Meetings with three COGs  
[Mid-East/8/17] [Albemarle/8-28] [Neuse River/9-11]
  - c) May 18 - Artificial Wetland Wastewater Treatment (Manteo/Engelhard)  
- Hyde County submitting Grant to EPA for feasibility study
  - d) June 13 - Presentation to Pulp & Paper Industry
  - e) June 14 - Press Conference - Washington Update Program Status
  - f) July 11 - Presentation at Coastal Zone '89, Charleston, SC  
Also at least three researcher presentations
  - g) Aug. 22/23 - Attended both CAC meetings - Both had in-depth discussion of Status and Trends Document
- 6) STATE/FEDERAL INTERACTION MEETING - September 13, 1989 (handout)  
ANNUAL RESEARCHERS' REVIEW WORKSHOP - September 14, 1989.
- 7) UPDATE ON DIVISION OF ENVIRONMENTAL MANAGEMENT:  
Tar/Pamlico 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
- 9) Milestone schedule - problem in meeting due date for Federal Consistency Document. No guidance from EPA on subject, and Status/Trends Document and outline of CCMP not ready yet. Would like to ask OMEP for 6-month extension (July 1990) to complete milestone properly.
- 10) 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 CCMP outline
  - d) Update of Baseline Water Quality Monitoring Plan



(ATTACHMENT C)

State of North Carolina  
Department of Natural Resources and Community Development  
ALBEMARLE-PAMLICO ESTUARINE STUDY  
512 North Salisbury Street • Raleigh, North Carolina 27611

James G. Martin, Governor  
William W. Cobey, Jr., Secretary

Robert E. Holman, Director

RESOLUTION

WHEREAS, the Albemarle-Pamlico Estuarine Study (A/P Study) is a joint effort between the State of North Carolina and the U. S. Environmental Protection Agency; and

WHEREAS, the A/P Study is administered by four administrative boards. These boards include the Policy Committee, Technical Committee, and two Citizens Advisory Committees; and

WHEREAS, Dr. Parker Chesson has been the chairman of the Albemarle Citizen's Advisory Committee for more than two years.

NOW, THEREFORE, BE IT RESOLVED:

1. That all four administrative boards recognize the leaderships and commitment that Dr. Parker Chesson has contributed to the A/P Study.
2. That his diligent efforts as chairman of the Albemarle Citizen's Advisory Committee remembered by the individuals involved in the Study.
3. That the Policy Committee will continue to seek his advise and guidance for the Albemarle-Pamlico Estuarine Study as a member of the Albemarle Citizen's Advisory Committee.

Adopted this 31<sup>st</sup> day of August, 1989.

\_\_\_\_\_  
William W. Cobey, Co-chairman  
Policy Committee  
Albemarle-Pamlico Estuarine Study

\_\_\_\_\_  
Lee DeHihns, Co-Chairman  
Policy Committee  
Albemarle-Pamlico Estuarine Study

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State of North Carolina  
Department of Natural Resources and Community Development  
ALBEMARLE-PAMLICO ESTUARINE STUDY  
512 North Salisbury Street • Raleigh, North Carolina 27611

James G. Martin, Governor  
William W. Cobey, Jr., Secretary

Robert E. Holman, Director

August 8, 1989

MEMORANDUM

TO: Policy Committee  
FROM: Robert E. Holman, Ph.D. *REH*  
SUBJECT: August 31, Policy Committee Agenda

Enclosed is the agenda for the Policy Committee meeting to convene August 31, 1989. The meeting will take place at the Holiday Inn in Williamston, NC. The main subject is to review the Status and Trend report to be presented by B.J. Copeland. Two other subjects are update of Milestones and development of Comprehensive Conservation Management Plan outline.

This is an important meeting and I hope you can attend. Please let me know if you have any comments concerning the agenda.

REH:kd

Enclosure

cc: Technical Committee  
Citizens' Advisory Committees  
Joan Giordano  
Ted Bisterfeld  
Chuck Nilsson

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AGENDA

ALBEMARLE-PAMLICO ESTUARINE STUDY  
POLICY COMMITTEE

TIME: 9 A.M. August 31, 1989  
LOCATION: Roanoke Room  
Holiday Inn  
Williamston, NC

9:00 - 9:05	Call to Order	Bill Cobey
9:05 - 9:15	Consideration of Minutes	
9:15 - 9:30	Director's Report	Bob Holman
9:30 - 10:00	Update of Milestones and Development of CCMP Outline	Ted Bisterfeld/ Bob Holman
10:00 - 10:30	Technical Committee Report (Subcommittee Activities)	Ernie Carl
10:30 - 10:45	Citizens' Advisory Committees (Nominations to Fill Vacancies)	Derb Carter/ Parker Chesson
10:55 - 11:30	Update on Status/Trend Report	B.J. Copeland
11:30 - 11:35	Review Meeting Schedule	
11:35 - 12:00	Public Comment/Questions	