

MINUTES

ALBEMARLE-PAMLICO ESTUARINE PROJECT

TECHNICAL COMMITTEE/POLICY COMMITTEE JOINT MEETING

AUGUST 15, 1986

WASHINGTON, NORTH CAROLINA

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The Albemarle-Pamlico Estuarine Project Technical Committee and Policy Committee held a joint meeting on Friday, August 15, 1986, at the Washington Cultural and Civic Center, Washington, North Carolina. The open meeting was attended by observers from state and federal environmental offices and the press.

LIST OF ATTENDEES

Technical Committee

Co-Chairmen

Dr. Ernest A. Carl, Deputy Secretary
N.C. Department of Natural Resources
and Community Development

Mr. Bruce Barrett, Director
Water Division
U.S. Environmental Protection
Agency, Region IV

Members

Mr. William Austin, Director
Division of Soil & Water Conservation
N.C. Department of Natural Resources
and Community Development

Dr. B. J. Copeland, Director
N.C. Sea Grant Program
N.C. State University

Mr. Fred Harris
N.C. Wildlife Resources Commission

Mr. Tom Ellis, Environmental
Planner
N.C. Department of Agriculture

Mr. William Hogarth, Director
Division of Marine Fisheries
N.C. Department of Natural Resources
and Community Development

Dr. Michael K. Orbach,
Chairman, N.C. Marine Science
Council

Mr. David Owens, Director
Division of Coastal Management
N.C. Department of Natural Resources
and Community Development

Ms. Sharon Shutler
Estuarine Programs Office
National Oceanic and Atmos-
pheric Administration

Dr. James M. Stewart, Assoc. Director
Water Resources Research Institute
N.C. State University

Mr. James F. Turner, Jr.
District Chief
U.S. Geological Survey

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Mr. Doug Radar
Division of Environmental Management
N.C. Department of Natural Resources
and Community Development

Col. Paul W. Woodbury
District Engineer
U.S. Army Corps of Engineers
Wilmington District

Policy Committee

Co-Chairmen

Secretary S. Thomas Rhodes
N.C. Department of Natural Resources
and Community Development

Mr. Jack E. Ravan
Regional Administrator
U.S. Environmental Protection
Agency, Region IV

Members

Dr. John D. Costlow, Director
Duke University Marine Laboratory

Dr. Ford A. Cross
Acting Laboratory Director
NOAA
Southeast Fisheries Center

Dr. Dirk Frankenberg, Chairman
UNC Marine Science Curriculum
University North Carolina, Chapel Hill

Ms. L. K. (Mike) Gantt
Field Office Supervisor
U.S. Fish & Wildlife Service

Mr. Dan Ashe, Committee on Merchant
Marine and Fisheries
U. S. House of Representatives

Observers

Mr. Terry Sholar
N.C. Department of Natural Resources
and Community Development
Marine Fisheries

Mr. Harold Johnson
N.D. Department of Natural
Resources & Community Dev.
Marine Fisheries

Ms. Karen Siderelis
N.C. Department of Natural Resources
and Community Development
Land Resources Information Service
(LRIS)

Ms. Lorraine Shinn, Regional
Office Manager, N.C. Dept.
of Natural Resources and
Community Development
Washington, NC Reg. Office

Ms. Edythe McKinney, Director of
Planning and Assessment
N.C. Department of Natural Resources
and Community Development

Ms. Marion Allgood
N.C. Department of Natural
Resources and Community
Development
Washington, NC Reg. Office



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Mr. Richard Leach
Pamlico Tar River Federation

Mr. John Sylvester
National Ocean Data Center
NOAA

Ms. Sally Turner, Project Officer
U.S. Environmental Protection Agency
Region IV

Mr. Mark Alderson
U.S. Environmental Protection Agency
Washington, D.C.

Mr. C. G. Vanderpool
Advanced Technology, Inc.

Mr. David McNaught
Pamlico Tar River Federation

Mr. John Meshaw
U. S. Corps of Engineers
Wilmington District

Dr. Howard Marshall, Project
Manager, U.S. Environmental
Protection Agency
Region IV

Mr. Leonard Brown
Advanced Technology, Inc.

Mr. Mike Voss
Washington Times
Washington, NC

SUMMARY

Mr. Bruce Barrett Dr. Ernie Carl (Co-Chairmen)	The Chair called the meeting to order and initiated introductions of the Technical Committee.
Dr. Ernie Carl	Dr. Carl explained the general purpose of the Albemarle-Pamlico Sound (APS) Estuarine Project.
William Austin	Mr. Austin gave a presentation of the Agricultural Cost Sharing Program.
Dr. Ernie Carl	Dr. Carl explained that the large number of factors that could be studied requires selectivity and appropriate resource allocation.
Mark Alderson	Mr. Alderson gave a presentation on the EPA National Estuary Program.
Bruce Barrett	Mr. Barrett informed the Committee that the State of Virginia would be appointing a representative to the Technical Committee, as will the EPA, Region III.
Doug Radar	Mr. Radar gave a presentation on water quality concerns in the APS.
Terry Sholar	Mr. Sholar emphasized the importance of the Estuarine System to fishing activities.



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The Technical Committee adjourned briefly to allow the Policy Committee to join the meeting.

John Sylvester

Mr. Sylvester (National Ocean Data Center) explained the data collection he is doing in the area, the results of which will be provided to the Technical Committee in the fall of 1986. He agreed to include sediment data as part of the data he is collecting.

Karen Siderelis

Ms. Siderelis gave a presentation on the Land Resources Information Service (LRIS) and Geographical Information System (GIS).

Dr. Ernie Carl

Dr. Carl turned the floor over to the Policy Committee.

Jack Ravan

Mr. Ravan thanked the Committee and the organizations involved for their work. He described the makeup of the Policy Committee and their function in directing the Technical Committee.

Thomas Rhodes

Secretary Rhodes introduced the Policy Committee members who had chaired subcommittees responsible for preparing resolutions to pass on to the Technical Committee.



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Mike Gantt

Ms. Gantt presented the Policy Committee's plan for developing administrative guidelines for the project. She read the outline of topics that the subcommittee would develop before the next meeting.

Dr. Dirk Frankenberg

Dr. Frankenberg presented the Committee's guidelines and general principles for the Technical Committee. He also explained the Policy Committee's suggestion of geographic boundaries for the project. Additionally, Dr. Frankenberg read the resolutions concerning the establishment of a data management system and a data quality control/quality assurance program.

Discussion

The Committees discussed funding for FY86 (\$350,000.00) and future funding for the project.

Dr. Ernie Carl

Dr. Carl pointed out the plans to establish a State Project Office and Program Manager by September.

Dr. John Costlow

Dr. Costlow presented the Policy Committee's resolution regarding the establishment of a Citizen's Participation Committee. He explained the concept they suggested: several subcommittees from the various regions,

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each of which would have a chairman who, along with one member, would form the overall Citizens Committee.

Dr. Ernie Carl

Dr. Carl suggested Dr. Michael Orbach head an ad hoc committee to provide a plan for development of the Citizens group to be discussed at the next Technical Committee meeting. He suggested Dave Owens head an ad hoc committee to draft a system to create a committee on data management quality assurance.

The Committee agreed to meet on August 26, 1986, at the Archdale Building in Raleigh, N.C., at 10:00 AM.

The Co-Chairmen declared the meeting adjourned.



DETAILED MINUTES

Co-Chairmen Dr. Ernie Carl and Mr. Bruce Barrett called the Technical Committee meeting to order and made introductions.

Ernie Carl explained the general purpose of the Albemarle-Pamlico Sound (APS) Estuarine Project: to develop and establish a plan and system to characterize the water quality and living resources of the APS, to provide a means to assess the impacts on the system, and to establish a program and policies to manage them.

William Austin gave a presentation on Agricultural Cost Sharing based on the significant impact on agriculture in the APS area.

Bruce Barrett pointed out the need to frame an overall purpose of the Technical Program: developing a five-year work plan, to keep it current, and to implement the plan.

Ernie Carl stated that there is a large number of factors that impact the APS, too numerous to gain an understanding of all of them. The need, rather, is to look into relatively few of these factors and understand enough about the APS to know what to do. The big problem, he pointed out, will be appropriate resource application.

Mark Alderson gave a presentation on the EPA National Estuarine Program. In discussion of the other EPA estuarine projects, Mark stressed that the program is federal, state, and local. There needs to be public participation.



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Bruce Barrett informed the committee that since the State of Virginia affects the Pamlico area, Governor Martin has asked Governor Balies of Virginia to appoint a representative to the Technical Committee. EPA Region III will also participate.

Doug Radar gave a presentation on water quality concerns in the APS.

In a discussion of the points Doug brought out, Terry Sholar emphasized the importance of the Estuarine system to fishing activities.

Following the discussion, the meeting adjourned temporarily to allow the Policy Committee to join the meeting. The meeting then reconvened.

Ernie Carl asked the members of both committees to introduce themselves around the room. After introductions, Dr. Carl asked Mr. John Sylvester from the National Ocean Data Center of NOAA to describe the data collection effort with which he is involved.

John Sylvester explained that he has been collecting data in the various areas of the APS and will be putting the data in a document for this project. He suggested that the committee do the following once the data has been received: automate the data after evaluating it, create an annotated bibliography, design a comprehensive data management plan as an early goal, and have a local data center. He said the document should be available late fall (1986).



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John Costlow stated that it is important to have data on seaward impacts as well as landward impact.

John Sylvester asked if sediment data would be important to the project. He has not, to date, collected sediment data.

The response was that it is very important. Mr. Sylvester said he would begin adding sediment data to his collection process.

Karen Siderelis, NRC Land Resources Information Service (LRIS), gave a presentation of the LRIS and the Geographic Information System (GIS). Following the presentation, she asked for questions.

John Sylvester asked if there would be a problem with incorporating water quality data into the LRIS/GIS, and could it handle three dimensional data that varied through time.

Karen Siderelis replied that the GIS has integrated functions that allow it to deal with non-graphic data.

Ernie Carl thanked Karen and turned the floor over to Policy Committee Co-Chairman, Mr. Jack Ravan.

Jack Ravan thanked the Technical Committee and the organizations involved for their support. He explained that there were good aspects of the other estuarine projects that they have adopted for the project: a three-tiered system and as much citizen involvement as possible from those who are involved with the estuary. He described the function and composition of the Policy Committee and stated that the work they have done in

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preparing direction for the Technical Committee is to be considered living or dynamic, subject to growth and change. He explained that the project would require hard work on the part of the Technical Committee and he thanked them for their service. He then turned the floor over to Co-Chairman Thomas Rhodes.

Thomas Rhodes added his thanks to the Technical Committee and the NRCDC Washington Office staff. Addressing the Technical Committee, he stated that the Policy Committee had approved several resolutions to pass on to the Technical Committee. He then asked Ms. Mike Gantt to present the Committee's resolution on administrative policy.

Mike Gantt explained that the Policy Committee had appointed a subcommittee to establish guidelines for administrative functions of both committees. The subcommittee consisted of Dr. Cross, Thomas Rhodes, Sally Turner, and herself. They drafted a paper (copy attached) that outlined the topics that the subcommittee would develop before the next meeting.

Dirk Frankenberg presented the Committee's guidelines and general principles for the Technical Committee, which were developed by another subcommittee. Dirk explained that these guidelines and principles (copy attached) were developed to make the Technical Committee's job easier. He added that they were suggestions. He read the statements concerning goal and objectives of the project (copy attached). Copies of this document are to be mailed to the Technical Committee after corrections are made. He also explained the Policy Committee's suggestion for geographic boundaries for the project: along the ocean shoreline from the Virginia border to the Beaufort inlet,

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including all the estuarine waters landward of that line and extending up to the overflow of the most seaward impoundment on the major rivers.

Dr. Frankenberg also read the resolutions concerning direction to the Technical Committee to identify an effective data management system for the APS project by February 1, 1987; and to identify an effective quality assurance/quality control system by March 31, 1987 (copies attached).

Michael Orbach asked when the Technical Committee would know what resources were available.

Bruce Barrett replied that there was \$300,000.00 for FY86 and that FY87 was as yet unknown. They anticipate an increasing budget for the first two to three years, peaking at approximately one million dollars, then tapering off. He added that there could be other funds available, matching and state funds.

Michael Orbach asked what staff would be available to the Technical Committee.

Ernie Carl stated that the FY86 money provided for the establishment of a State Project office and the position of Program Manager, including clerical staff. The Committee would have to use their own staffs as much as possible, and some work could be contracted out.

Bruce Barrett pointed out that EPA Region IV is providing Sally Turner, Project Officer, and Dr. Howard Marshall, Program Manager, to the project full time, as well as contractor support.

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Thomas Rhodes added that the State's goal is to have a State Program Manager identified by September 1, 1986.

John Costlow presented the committee's resolution regarding the establishment of a Citizen's Participation Committee by the Technical Committee (copy attached). He explained the concept of identifying seven regional citizen subcommittees loosely coincident with the watershed. Each subcommittee would have fifteen citizens representing a broad spectrum of socio-economic and industrial interests. Each subcommittee would elect a chairperson who, along with one other member, would organize with the other subcommittees into a Citizens Advisory Committee to the Technical Committee. The chairman of that committee would also be a member of the Technical Committee.

Ernie Carl stated that copies of all the resolutions would be provided to the Committee members for review at the next meeting, at which time they would set a schedule for getting to the March 1 deadline. He recommended they form ad hoc committees to deal with data management, data quality assurance, and the public participation group. These groups should meet before the next Technical Committee meeting to draft a system to create a committee to deal with the details of these issues.

Dr. Carl suggested that Michael Orbach chair the ad hoc committee for public participation and appoint members as he desired. It was agreed.

John Costlow volunteered to assist Dr. Orbach with that ad hoc committee.



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Ernie Carl suggested Dave Owens chair the ad hoc committee to draft a system to create a committee on Data Management Quality Assurance. It was agreed.

Michael Orbach recommended the next meeting be held on a date other than August 27, as previously suggested.

The Committee agreed to meet on August 26 in Raleigh, N.C., in the Archdale Building at 10:00 AM.

Bruce Barrett thanked everyone and adjourned the meeting.

ATTACHMENTS TO MINUTES

ALBEMARLE-PAMLICO ESTUARINE PROJECT

TECHNICAL COMMITTEE/POLICY COMMITTEE JOINT MEETING

AUGUST 15, 1986

Issue: Administrative Procedures

Resolution: Be it resolved that the Policy Committee appoints Mike Gantt to Chair an Administrative Procedures Subcommittee with Bud Cross, Tommy Rhodes or his representative, Sally Turner, and Mark Alderson to develop a set of Administrative Procedures for discussion, review, and appropriate action at the next meeting of the Policy Committee. Issues to be addressed include, but are not limited to:

1. Establishment of Parliamentary Procedures.
2. Policy and Technical Committee voting procedures.
3. Travel reimbursement procedures.
4. Consideration of a "Hardship Fund."
5. Mechanisms for communication among committees.
6. Duties and responsibilities of the APS Project Officer.



RESOLUTION

BE IT RESOLVED THAT:

The Technical Committee is to develop a comprehensive workplan to cover program objectives and strategies for the entire study period by February 1, 1987. The initial emphasis will be on the first year's effort. The plan will be updated and revised at least once per year thereafter. The initial 5-year plan and all subsequent revisions will be submitted to the Policy Committee for study and approval. The Technical Committee is to focus its attention in the project's initial stages on the following topics and in the following sequence:

- (1) Identification of the beneficial uses of the Albemarle-Pamlico Sounds, with a review of the historical and currently projected future trends for those uses. This will largely define what we are trying to achieve and where we should be focusing our concerns.
- (2) Identification of the threats to the continued/restored/expanded enjoyment of those uses.
- (3) Identification of where there are gaps in the information/knowledge needed in order to fully assess the interference among beneficial uses, the threats to them, and the efficiency of alternative means for reducing those interferences and threats.
- (4) Identification of the existing resource management system, including local, state and federal agencies, and addressing regulatory, planning, research, investment, and educational aspects of the system.
- (5) The relative priorities for attention to each of the information needs.
- (6) The major interrelationships between the uses, threats and management alternatives.
- (7) The agenda for needed data gathering and analysis.
- (8) The implementation of improvements in our ability to manage the threats and achievement of the most beneficial mix of uses.

The Technical Committee should develop the working papers and recommendations necessary for the Policy Committee's consideration and deliberation of the above points. The Technical Committee may establish working groups and recommend consulting services as necessary to meet this charge.

Principles that should guide the Policy Committee efforts include the following:

- (1) The focus of the entire project should be developing and implementing improvements to our system for managing impacts on the Albemarle-Pamlico Sounds' long-term productivity and usefulness.
- (2) Where possible, existing resources and tools should be used for the project. This includes existing data, public participation vehicles, and management institutions.
- (3) Local, state, and federal agencies share management responsibility and all should be actively involved in the project.
- (4) Those that use the resources of the Albemarle-Pamlico Sound and are affected by its development should be involved throughout.
- (5) The project should be closely coordinated with all other available research and management initiatives.
- (6) The project must be comprehensive, examining all uses of the Sounds and all impacts of those uses, extending up the sounds' watersheds/drainage basins to the extent necessary to achieve understanding of the system.
- (7) The project must be action oriented, targeted toward the implementation of specific management improvements.
- (8) The project must address the full range of management tools available, including regulatory, planning, education, public acquisition and investment, and taxation.
- (9) The project must include a centralized data management, with strong quality assurance/quality control standards for all new data acquisition and assembly of pre-existing information.
- (10) The project should be based on the concept that available funds should be spent through an open, understood, competitive and peer reviewed process and that public perceptions and concerns should be actively factored into our efforts.

RESOLUTION

BE IT RESOLVED THAT:

The goal of the Albemarle-Pamlico Project will be to provide the scientific knowledge and public awareness needed to make rational management decisions so that the Albemarle-Pamlico estuarine system can continue to supply citizens with natural resources, recreational opportunities, and aesthetic enjoyment.

The objectives of the project will include, but are not limited to, generating understanding of what is needed to maintain, and where necessary restore, the chemical, physical and biological integrity of the estuary, the wildlife habitat of the estuary, the production levels of recreational and commercial fisheries of the estuary.



RESOLUTION

Be it resolved that:

The Technical Committee is directed to identify an effective data management system for the A/P estuarine project by January 1, 1987.

Be it resolved that:

The Technical Committee is directed to identify an effective data quality assurance/quality control system for the Albemarle/Pamlico estuarine project by March 31, 1987.



ISSUE: CITIZEN'S ADVISORY COMMITTEE

RESOLUTION: Let it be resolved that the Technical Committee establish a Citizen's Advisory Committee and Regional Advisory Subcommittees for developing and maintaining a communication and public participation program.

The seven regional Subcommittees (Peninsula, Newport, Neuse, Pamlico, Chowan, Roanoke, and Barrier Islands) shall be composed of representatives as follows:

1. Public Official (2)
2. Educator
3. Tourism
4. Developer
5. Sport Fishing Industry
6. Commercial Fishing Industry
7. Agriculture
8. Industry
9. Environmental Group
10. Private Citizen (4)
11. Coastal Engineer/Surveyor

While not official members on the Citizen's Advisory Subcommittee a special effort will be made to keep the State Legislature advised of the Albermarle-Pamlico Study and the press informed about the study and related activities.

The duties of the Citizen's Advisory Subcommittees shall include, but are not limited to:

1. Provide a mechanism for citizens' input into the APS Study.
2. Disseminate information relevant to or developed by the APS Study regarding their region.
3. Organize and sponsor public meetings at the direction of the Technical Committee.
4. Develop a public information program to educate the public regarding the APS Study.
5. Organize and sponsor workshops at the direction of the Technical Committee.
6. Coordinate local press releases regarding study results.
7. Prepare regional news for eventual publication in APS Study newsletters.
8. Report to the Citizen's Advisory Committee on a regular basis.

The Citizens' Advisory Committee shall be composed of the Chairperson and one individual to be elected by each of the Citizen's Advisory Subcommittees.

The Chairman of the Citizen's Advisory Committee shall be a member of the Technical Committee.

The Citizen's Advisory Committee will report to the Technical Committee. The function of the Citizen's Advisory Committee shall include but not be limited to the following:

1. Provide a mechanism for citizens' input into the APS Study.
2. Disseminate information relevant to or developed by the APS Study.
3. Organize and sponsor public meetings at the direction of the Technical Committee.
4. Develop a public information program to educate the public regarding the APS Study.
5. Organize and sponsor workshops at the direction of the Technical Committee.
6. Coordinate local press releases regarding study results.
7. Prepare news for eventual publication of an APS newsletter.
8. Report to the Technical Committee on a regular basis.

The Technical Committee shall be responsible for appointing the Regional Subcommittee members to be approved by the Policy Committee.

It is recommended that the Chairman of the Citizen's Advisory Committee be appointed to the Technical Committee.

