

MINUTES

A

ALBEMARLE-PAMLICO ESTUARINE STUDY

Pamlico Citizens' Advisory
Committee Meeting

NC Aquarium
Manteo, NC

January 19, 1988

Attendance -(See Attachment A)

The meeting was called to order at 7:00 pm by Chairman Derb Carter. He extended welcome to those present and thanked Dr. Tom Quay and Joan Giordano for their efforts in organizing the meeting during his absence. He then introduced Senator Marc Basnight. Senator Basnight also welcomed the group to his region, briefly outlined his areas of responsibility in the N.C. Senate and expressed his hopes for the APES project.

I. REPORTS

A. Committees: Chairman Carter referred to the last P-CAC meeting where the formation of four (4) standing committees was discussed and set in motion. He shared with the group the results of the preference survey he distributed relevant to these newly formed committees. (See Attachment B) He further defined the role of each of the new committees as:

1. Environmental Issues & Technical Review: This committee will review proposals for research and advise the CAC on research funding priorities and pending action on environmental issues. The committee will work in concert with the Technical Committee of the APES which has a similar charge.

2. Program Review Committee: This committee will monitor and review overall program activities and examine the structure and operation of the APES program in the context of the total objectives. It will suggest ways in which the program can be more responsive to public concerns and interest.

3. Public Awareness and Governmental Relations: The primary role of this committee is to increase public awareness and involvement in program activities. In addition it would provide liaison to local governments.

4. Executive Committee: The purpose of this committee is to assist Chairman Carter and Vice Chairman Larkin. Membership on the Executive Committee will consist of Chairman Carter, the chairs of the other three (3) standing committees, the liaison to the A-CAC, and three (3) other CAC members. The eight (8) members of the Executive Committee are to meet periodically to set agendas and conduct business when the complete P-CAC is unable to gather.

Chairman Carter called for endorsement of the proposed committees. Motion was made by Dr. Ensley and seconded by Dr. Quay. Motion carried.

B. Program Status Report: Joan Giordano reported that the next funding cycle is imminent. The call for proposals (CFP) is scheduled for March 15, 1988 (approximately). While it is not definite, those proposals are due to EPA in June/July which would assume their beginning activity around July 1-August 15, 1988. Concern was expressed by the committee regarding the procedure to be used in evaluating the proposals for funding. They were also most concerned about the timetable and allowing themselves sufficient time for proper evaluation.

The research projects are well underway. Results of the Scrapfish project (Kenny Pearch, investigator) is expected by April 1, 1988.

A proposal to fund a rapid response to the RED TIDE problem was made at the last Technical Committee meeting. Since that time, (Dec. 15, 1987) bids were accepted and a contract has been let to study water samples in hope of answering the question of whether the poisonous algae cells are forming resistant dormant cells. An answer is also being sought as to whether these "cysts" are likely to survive the winter and therefore recur next year.

The Technical Committee will again meet on February 10, 1988 in Beaufort at the Duke Marine Lab. The meeting will begin at 10:00 am. The purpose is to establish this year's priorities and processes. (2nd year work plan).

Information management is to see a position established in approximately six (6) weeks; plan is to be drafted by Spring; and Land Resources Info Service is busy at work.

In the Public Participation area the newsletter is well underway with format and program logo accomplished. The first issue of the quarterly publication will be completed (approximately) by the end of February/beginning of March and will be mailed shortly thereafter.

C. Policy Committee: Chairman Carter reported that three (3) significant actions were reported at the last meeting:

1. acceptance and the moving forward of the Designation Package which set in motion the National Designation Ceremony held on November 14, 1987 at Elizabeth City State University;

2. based on the recommendation of the two (2) CACs (Albemarle and Pamlico) the Chairs of the two (2) CACs will sit on the Policy Committee and the two (2) Vice Chairs of the CACs will sit on the Technical Committee;

and

3. the Policy Committee gave the Technical Committee specific authority to manage the APES on a day-to-day basis to implement the program

D. Technical Committee: Dr. Larkin reported that the approval of funding for studies of Red Tide, Dr. Stan Riggs' work and Dr. Gary Smith's work occurred at the last meeting (December 15, 1987). He further reported the establishment of a sub-committee within the Technical Committee which can work with the CACs. He felt this would provide more direction to the CACs.

Dr. Larkin added that review of the work plan and establishment of methods for project approval need to be done. Recommendations for such were given by Dr. Rader to Dr. Carl and Bruce Barrett, however to date, (1/19/88) they have not been acted upon.

The monitoring committee will play an important role as part of the Designation Package. It will establish plans for the long-term usefulness of the program in terms of information management and public involvement.

At this time Chairman Carter recognized Dick Hamilton of the Wildlife Resource Commission as a member of the Technical Committee. Mr. Hamilton reiterated Dr. Larkin's observation of much needing to be done, i.e. funding of studies for the second year and how this will be accomplished. Discussion ensued with the recommendation that the full P-CAC meet before March 15, 1988.

E. Albemarle CAC Liaison: Dr. Quay reported that the A-CAC met last on November 17, 1987. At that time they accepted the formation of an Executive Committee and three (3) standing committees. The A-CAC will again on March 2, 1988.

Mention was made of a public meeting being held by the A-CAC and several other sponsoring groups at the Currituck High School in Barco, NC on February 4, 1988 at 7:30 pm. Mrs. Giordano passed a flyer and agenda pertaining to that meeting.

Dr. Quay further reported that A-CAC member Don Flowers made a brief presentation on the Marine overflight question.

F. Citizens' Monitoring Project: David McNaught, Pamlico-Tar River Foundation reported that his project is well underway. He and colleagues from ECU have determined five (5) water quality parameters:

1. Water & Air Temperature
2. pH
3. Limits of Visibility & Turbidity
4. Salinity
5. Dissolved Oxygen Titration

He added that determination of methodology to be used and what type of citizen should be chosen to monitor the sampling is being considered. A pilot program will be put into place to demonstrate that it can work. Workshops educating the citizens in the proper way to sample are slated for the latter part of March or the beginning of April. Data collection should begin in April with approximately 10-15 sites along the Pamlico.

G. Environmental Programs Workshops: Todd Miller, NC Coastal Federation reported on the Media Tour project (Attachment C) and the Citizen's Guidebook (Attachment D). He acknowledged Trailways Bus Co. for their donation of a VIP coach for the media tour. Mr. Miller asked for committee input concerning these endeavors to be directed to him by January 29, 1988.

H. Videotape/Slide Show: Dr. Smith reported on the videotape program and the narrated dual projector slide program he has begun working on. (See Attachment E)

He asked for assistance in answering a questionnaire which would afford a base from which he could direct his efforts. (See Attachment F) He asked that response be made to him by January 26, 1988 if possible. In further comment, Dr. Smith disclosed his hope that from this work a video/slide show could be put together for elementary and secondary school students. Accompanied by a small workbook it would permit the students a look at their own ecosystems rather than those far removed from their locale. He cited help from Debbie Owens, Assistant Professor of Communications (ECU) and the ECU School of Medicine as participatory in the preparation of his work.

I. Public Involvement Activities: Wally Jones, Chief of Public Affairs, EPA Region IV, (Atlanta) was unable to attend the meeting. Mrs. Giordano briefly described Mr. Jones' comments from a recent meeting with him and suggested inclusion of Mr. Jones' report be sent with the minutes of the evening's meeting.

Mr. Jones' comments have been received and are included as follows:

"The EPA, Region IV, encourages the Citizen Advisory Committees of the APES to continue their ongoing activities to provide a means for structured citizen input and involvement with the study plan. This may include forming 'ad hoc committees' composed of citizens who want to be more directly involved with study activities such as Stream Watch, publicity, education and dissemination of information for related activities."

Chairman Carter reported that the idea to form an APES Foundation was initiated by the A-CAC at their November 17, 1987 meeting. At that time it was referred to the Public Awareness/Governmental Relations Committee of the A-CAC for further study. He suggested that the Public Awareness/Governmental Relations Committee of the P-CAC meet together with their counterparts on the A-CAC to further study the feasibility of forming an APES Foundation.

II. OTHER BUSINESS.

It was suggested that perhaps meeting during daytime hours on a Saturday (occasionally) might be helpful to those who are unable to attend evening meetings, particularly when the meeting locations are so geographically dispersed. It was decided to hold the next P-CAC meeting in Washington, NC on Saturday, March 5, 1988 at the Civic Center (train depot). It was further decided to have the three (3) newly formed standing committees meet immediately preceding the full meeting. The hours are:

Standing Committees	1:00 pm - 3:00 pm
Full Committee	3:00 pm - 5:00 pm

In other business, Willy Phillips requested a briefing on the Governor's Coastal Initiatives program which was undergoing public hearing during mid-January. He expressed a desire to have APES input/involvement into the Coastal Initiatives program. Chairman Carter, a member of the Governor's Blue Ribbon Commission-Coastal Initiatives said he would look into having a Coastal Initiative speaker at the next meeting.

There being no further business motion was made and duly seconded to adjourn the meeting at 9:35 pm.

PAMLICO CITIZENS' ADVISORY COMMITTEE

JANUARY 19, 1988

NORTH CAROLINA AQUARIUM
MANTEO, NC

Pre-meeting Agenda

2:30 - 3:15	Wildlife Resources of the Albemarle/Pamlico Region	<i>Debbie Krauss</i> L.K. (Mike) Gantt, Field Supervisor, U.S. Fish & Wildlife Service
3:15 - 4:00	Pea Island Refuge	Bonnie Strauser
4:00 - 4:30	Red Wolf Reintroduction Project	John Taylor
4:30 - 6:30	Dinner - Elizabethan Inn/Manteo Buffet Style "Dutch"	

A G E N D A

7:00 - 9:00 Meeting of the Pamlico Citizens' Advisory Committee

1. Committees	
2. Program Status Report	Staff
3. Report/Policy Committee	Derb Carter
4. Report/Technical Committee	Ernie Larkin
5. Report/Albemarle CAC	Tom Quay
6. Citizens' Monitoring Project	David McNaught
7. Environmental Programs Workshops	Todd Miller
8. Videotape/Slide Show Development	Gary Smith
9. Public Involvement Activities	
a. Options & Opportunities for Public Involvement	Wally Jones
b. APES Foundation	
10. Public Comment	

State Senator Marc Basnight, Manteo Mayor Molly Fearing, and Blue Ribbon Commission member Luther Daniels have been invited to attend and make brief remarks.

Attend. P.CAC

1/19/88

- 1) Donald E. Easley PCHA
- 2) Hans Cargent PCAC
- 3) Todd Dallen NCCF
- 4) Alton Ballener Hyde. Co. Comm.
- 5) Frank Sommerkamp PCAC
- Emie Furkin PCAC
- Dick Beach PCAC
- Ronald Jarvis PCAC
- Clark Johnson PCAC
- WILLY PHILLIPS PCAC
- Dave McNaught PTRF
- Tom Quay Pacific CAC
- Jean Sharpaxe APES
- Gary G. Smith APES, R.C.O.
- Dawn H. Parks ECU-Master's Candidate
- David McNeil Hyde District Supervisor
- Mike Cowan (Cape Henry School principal for 2000-2001)
- Ralph Burton PCAC

PAMLICO CITIZENS' ADVISORY COMMITTEE

Roster of Standing Committees

EXECUTIVE COMMITTEE

Derb Carter, Chair
Ernie Larkin, Vice Chair and Chair-Environmental Issues & Technical Review
Tom Quay (liasion A-CAC)
Frank Sommerkamp, Chair-Program Review
Alton Ballance, Chair-Public Awareness/Gov't. Relations
Rann Carpenter
David O'Neal
Susan King

ENVIRONMENTAL ISSUES & TECHNICAL REVIEW

Ernie Larkin, Chair
Todd Miller
David O'Neal
Ralph Jarvis
Clark Rodman
Doug Nelson
Willy Phillips
Garland Strickland

PROGRAM REVIEW

Frank Sommerkamp, Chair
Susan King
Ralph Buxton
Dick Leach
Stuart Shinn
Tim Hodges
Carolyn Cooper-Ivey

PUBLIC AWARENESS/GOVERNMENTAL RELATIONS

Alton Ballance, Chair
Neal Lewis
Rann Carpenter
Billy Jackson
Don Ensley
Tom Quay
Grace Bonner
John Spagnola
Katie Morris
Garvin Hardison
Rodney Calhoun
Bill Paul
Buddy Swain
Fred Bonner



NORTH CAROLINA COASTAL FEDERATION

1832 J Bell Lane (Ocean) • NEWPORT, NORTH CAROLINA 28570 • (919) 393-8185

TENTATIVE SCHEDULE FOR MEDIA TOUR

Tuesday, April 26:

6:00 PM Reception
7:30 PM Banquet

Wednesday, April 27:

9:30 AM Cedar Island Ferry
12:00 NOON Alton Ballance, Growth Issues Facing Ocracoke
3:00 PM Hatteras Island Growth Issues
4:30 PM Wind Surfing Demonstration, Avon
7:30 PM ~~XXXXXXXXXX~~ Reception and Future of Dare County
Round Table Discussion

Thursday, April 28:

9:00 AM Division of Marine Fisheries Primary Nursery Area
Trawl Demonstration
11:00 AM LUNCH
12:30 PM US Fish and Wildlife Service Presentation at
Mattamuskeet Wildlife Refuge
2:30 PM NC Department of Agriculture Best Management
Practices Demonstration
7:30 PM Fish Diseases and Citizen Monitoring of Water
Quality and Implementation of Environmental
Regulations, NC Division of Marine Fisheries,
Pamlico-Tar River Foundation, and NC Coastal
Federation

Friday, April 29:

8:45 AM Tour of Crab House
9:30 AM Tour of Texasgulf Chemicals Company
11:30 AM LUNCH
12:30 PM Forestry Demonstration
3:30 PM Return to Duke and Debriefing Session

A CITIZENS GUIDE TO COASTAL RESOURCE MANAGEMENT

written by:

**Jim Kennedy & Todd Miller
North Carolina Coastal Federation, Inc.
1832 J. Bell Lane (Ocean)
Newport, NC 28570
(919) 393-8185**

edited and produced by:

**Lundie Spense & Kathy Hart
North Carolina Sea Grant College Program
105 1911 Building, Box 8605
North Carolina State University
Raleigh, NC 27695-8605**

funded by:

**Albemarle-Pamlico Estuarine Study
NC Department of Natural Resources and Community Development
P.O. Box 27687
Raleigh, NC 27611**

1988



NORTH CAROLINA COASTAL FEDERATION

1832 J Bell Lane (Ocean) • NEWPORT, NORTH CAROLINA 28570 • (919) 393-8185

December 30, 1987

MEMORANDUM

TO: Lundie Spense, Doug Rader, Ted Blisterfeld,
and Resource Management Agencies and Groups

FROM: Jim Kennedy, Resource Analyst *Jim*

SUBJECT: Request for Review of Draft Citizens Guidebook

The Albemarle-Pamlico Estuarine Study funded the Coastal Federation to prepare a citizen's guidebook on four existing regulatory programs: Water quality standards; Coastal Area Management Act; Section 404 regulations; and the Sedimentation and Pollution Control Act. The guidebook is to provide a concise explanation of the regulatory programs and describe how the public can participate effectively.

Enclosed is our first draft of this document which will be used in a series of citizen involvement workshops this spring and summer as well as for general distribution to the public.

We request that you review this draft so the public can be assured of an accurate and useful guide. Any corrections or suggestions you have will be appreciated. In making your review, please keep in mind that the guidebook is aimed at the general public who are unfamiliar with regulatory programs and jargon. We selected these topics and level of detail based on our experience answering questions from citizens about coastal regulatory programs.

Please review this draft by January 15 so we can maintain the publication schedule needed for the workshops. Once the guidebook has been reviewed and edited, it will be produced by the Sea Grant program.

We have not obtained pictures to illustrate the guidebook, but believe pictures might be very helpful. If you have pictures that clearly show typical coastal areas, such as swimming areas, wetlands, fishery resources, control techniques, regulatory violations etc., please let us know if we can use them.

Your help is greatly appreciated.

ACKNOWLEDGEMENTS

A Citizen's Guide to Coastal Management is the product of five years of experience by the North Carolina Coastal Federation, and was written by Federation staff members Todd Miller and Jim Kennedy. Contributing to the book were Lundie Spense and Kathy Hart of the North Carolina Sea Grant College Program who helped in developing the book's content and served as the editor and publisher.

This book will serve as resource material for a series of workshops on estuarine management to be held during the spring and summer of 1988. In addition to the Coastal Federation and Sea Grant, the North Carolina Department of Public Education will sponsor these workshops.

The book and workshops are financed by the Albemarle-Pamlico Estuarine Study, a federal and state agency program designed to improve the management of our coastal estuaries. Doug Rader, Project Coordinator for the Study and Ted Blisterfeld of the U.S. Environmental Protection Agency assisted in the review and production of the guidebook. Independent and active citizen involvement in the process of managing our coast is a high priority of the Albemarle-Pamlico Estuarine Study. To that end, the Study provided generous financial support for this guidebook and the workshops where it will be used.

Contents of this publication reflect the views and perspectives of the North Carolina Coastal Federation. The Federation is a nonprofit corporation which has worked since 1982 to involve citizens of all walks of life in efforts to conserve coastal resources in North Carolina. The Federation coordinates activities of citizens interested in the wise management of the coast; keeps citizens informed about coastal issues; and help the public participate in government programs through workshops, action alerts, direct counseling and legal representation.

The North Carolina Sea Grant College Program is a state-federal partnership designed to promote the wise use and development of the nation's coasts and oceans through research, extension and education. The Sea Grant Communications section, which edited and produced this guidebook, publishes the award-winning Coastwatch, a newsletter sent to 15,000 citizens as well as numerous other special-interest documents. Sea Grant communicators provide assistance to all levels of government and private groups to enhance their ability to provide educational materials for the general public.



EAST CAROLINA UNIVERSITY

GREENVILLE, NORTH CAROLINA 27858-4353

Dept. of Environmental Health

SCHOOL OF

ALLIED HEALTH SCIENCES

TELEPHONE (919) 757-6961

Office of the Dean

Alcoholism Training Program

Biostatistics/Epidemiology

Community Health

Environmental Health

Medical Record Administration

Medical Technology

Occupational Therapy

Physical Therapy

Rehabilitation Studies

Speech Language and Auditory Pathology

January 15, 1988

MEMORANDUM

TO: Individuals Interested in the Albemarle-Pamlico Estuarine Area

FROM: Dr. Gary C. Smith
Department of Environmental Health

As part of an education research grant with the Albemarle-Pamlico Estuarine Study, in the next year we will be developing (1) a videotape program, and (2) a narrated, dual-projector slide program on the region. We will be documenting the natural environments, pollution, people, organisms, management, exploitation, and aesthetic beauty of this vast region. To accomplish this task in the most accurate, comprehensive, understandable fashion, we need your assistance and support. This is a non-profit venture that will be used for education, training and enlightenment in North Carolina.

First, we would like to solicit slides and videotape segments which we can incorporate into our programs. We know that there are excellent photographers in this area who can contribute to a most impressive program on the sound. Proper credit will be given in the final program for these visuals. Second, we would like you to share information with us. Everything from history to news clippings to professional research efforts will be helpful in assembling an accurate picture on the environmental conditions of the Albemarle-Pamlico Sound area. Finally, we would like you to complete the questionnaire that we have enclosed. This information will give us a strong base from which to direct our efforts to portray the ecosystems, issues, and people of this coastal region. Also, we realize that we will not reach all the appropriate people with our questionnaire, so please xerox and share it with other interested and informed individuals.

Thank you in advance for helping us in this important project.

GCS:h1
Enclosure

Questionnaire

Name _____ Phone _____
 Address _____ (optional)
 (optional) _____

Primary affiliation/Interest in A-P Sound Project _____

1. How frequently do you use/visit the sound area?

___ weekly _____ summer vacation
 ___ monthly _____ other _____
 ___ at least twice a year

2. In order of importance... what are some of the ways you use the sound.
 (1 is highest)

___ swimming ___ boating ___ fishing ___ camping ___ skiing ___ hunting
 ___ others _____

3. In order of importance... rank the following: (1 is highest).

___ Developing commercial/industry along the sound
 ___ Wildlife reserves
 ___ Developing residential property
 ___ Sport fishing
 ___ Developing public recreation areas
 ___ Others _____

4. What organisms should we highlight in our videotape and slide program?

Endangered species _____
 Commercial species _____
 Sport fish _____
 Shellfish _____
 Birds _____
 Plants _____
 Others _____

5. Please identify, from your perspective, the major ecosystems comprising the A-P Region (specific sites).

Salt Marsh _____	Sand Dunes _____
Estuary _____	Rivers/Streams _____
Pocosine _____	Bays _____
Beach Area _____	Beach Area _____

6. What do you think are the three most critical environmental issues in the A-P region?

- A. _____
- B. _____
- C. _____

7. What do you consider to be the three major pollution impacts in the region?

- A. _____
- B. _____
- C. _____

8. Do you know anybody that we should interviewed as part of the project. If so who? _____

9. Will you be willing to contribute informaton, slides, and/or expertise for use in an educational program?

Information _____

slides _____

expertise _____

10. Comments:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

E

B

4PM-EA/GJM

DEC 17 1987

Dr. Parker Chesson
College of the Albemarle
P.O. Box 2327
Elizabeth City, N.C. 27909

Dear Dr. Chesson:

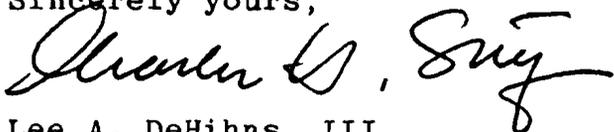
Dr. Douglas Rader, Project Director of the Albemarle-Pamlico Estuarine Study for the North Carolina Department of Natural Resources and Community Development, indicated that the Albemarle Citizen's Advisory Committee had a number of societal and economic concerns regarding present and proposed military airspace use areas along the coast. In response to the issues raised in the November 17, 1987, resolution passed by the committee, let me share the following observations with you.

- ° EPA, Region IV has completed all its pending administrative actions on military airspace utilization in the state (see attached).
- ° A joint briefing of the Technical and Citizen's Committees regarding recent and anticipated expansions of military airspace appears reasonable, but the appropriate military agencies should be contacted to secure this meeting. EPA's role in this matter has been to review and comment on selected environmental ramifications of the subject expansions under the authority of Section 309 of the Clean Air Act. This notwithstanding, the military serves as lead agency in this regard and effectively retains primacy over the actual decision-making process.
- ° The issue of a comprehensive Environmental Impact Statement (EIS) on the cumulative impacts of these incremental airspace restrictions has already been broached by EPA. However, the Department of Defense - not EPA - will make the ultimate decision as to whether this document will be prepared, as well as the level of public input which will occur.

Since the State of North Carolina has such an immediate vested interest in this airspace issue, we have attempted to determine if an official position has been developed. To date, we have been unable to ascertain how the State intends to address these restrictions. Therefore, it would seem prudent that representatives from the involved state agencies (e.g., both environmental and commercial development) be invited to attend the anticipated coordination meeting to aid in expeditious resolution of this problem.

If I can be of further assistance, please do not hesitate to call me at (404) 347-4727.

Sincerely yours,



for Lee A. DeHihns, III
Acting Regional Administrator

Enclosure

cc: Mr. S. Thomas Rhodes, Secretary
North Carolina Department of Natural
Resources and Community Development



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

NOV 16 1987

4PM-EA/GJM

James M. Mead
Brigadier General
U.S. Marine Corps
Marine Corps Air Bases, Eastern Area
Cherry Point, North Carolina 28533-5000

SUBJECT: Cherry I/Core Military Operating Areas
EPA Log No.: F-UMC-E11019-NC

Dear General Mead:

Pursuant to Section 309 of the Clean Air Act, EPA, Region IV has reviewed the Final Environmental Impact Statement (FEIS) for the establishment of the Cherry I and Core Military Operating Area (MOAS) and adds the following comments to our initial observations.

The noise impacts associated with this and similar anticipated Department of Defense training facilities appear to increase both in the short and long-term. The subject military operating areas are located on the coast, therefore, a disproportionate population growth rate is likely to occur during the life of the facility. Further, when considered on an absolute basis the number of people impacted can be expected to rise to significant levels. Currently, the societal/economic implications of operating these facilities are apparent to the affected public as evidenced by the number and content of the comment letters in the FEIS.

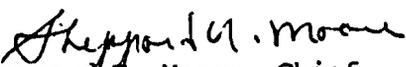
As you are already well aware, the noise and associated air use issues do not immediately lend themselves to satisfactory resolution. That is, there is an inescapable logic to the Marine Corps' desire to provide its aviation personnel with realistic training. On the other hand, homeowners within the noise print of the MOAS are probably less than totally convinced by this logic. Intertwined in this obvious conflict is the generic notion of basic project need. While this was only explicitly mentioned in a percentage of the public comments, it was an implicit theme in most of them. EPA has no mandated review interest in these larger issues and has just attempted to focus on how the noise issue(s) could be mitigated and should be procedurally addressed.

Problem export, i.e., moving the MOAS, merely shifts the noise to other receptors and was deemed infeasible for a number of pertinent reasons during the evaluation process. Suggestions on modifying the size, shape, or use of the MOAS, or duration/type of training within same are beyond this Region's area of expertise. The only practical mitigation measure would seem to be altitude restrictions during the target acquisition flights. While erosion of realistic training by flying higher is an obvious short-coming of this approach, the noise benefits warrant further evaluation by your aviation technical staff when the facilities become operational.

From our reading of the stated objectives of this facility compared to the positions of the majority of the commentors, chronic public relations problems with operating these training areas seem inevitable. Land use or zoning restrictions within the MOAS presumably could be implemented to reduce the number of additional parties that will be affected. However, it would be our experience that neither state or local entities will be disposed to pursue this option. On the other hand, many commentors appeared to favor the no-action alternative. This is a simplistic solution that is highly unlikely to eventuate given the needs of national security. This spectrum of "non-selected" options illustrates the quandaries attendant to this issue.

All of the above notwithstanding, military training in the subject area will produce significant increases in transient noise episodes and volume. Hence, it is our opinion that this document should be supplemented with an evaluation of the cumulative impacts of noise and air use restrictions within Cherry Point's local flying area. Timewise this evaluation should encompass the projected life of the current user aircraft and include any anticipated new training. From our perspective, this is the only manner by which the Marine Corps can adequately discharge its responsibilities under the National Environmental Policy Act. At the same time this approach would fully inform the public and ultimate decision-makers on this issue as to all the consequences of Department of Defense aviation activities in this section of coastal North Carolina.

Sincerely,


Sheppard N. Moore, Chief
NEPA Review Staff
Environmental Assessment Branch



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

AUG 27 1987

4PM-EA/SNM

Lt. D.A. Wagner, JAGC, USNR
Assistant Staff Judge Advocate
COMFITMATAEWINGSLANT
NAS OCEANA
Virginia Beach, Virginia 23460

SUBJECT: Review of Supplemental Environmental Assessments for Proposed Modification to Restricted Areas R-5301 (Palmetto Point) and R-5302 (Harvey Point) and Proposed Modification to Restricted Area R-5313 (Stumpy Point) dated January 1987
EPA Log No.: A-FAA-870308-NC

Dear Lt. Wagner:

Thank you for your phone call of June 29, 1987 explaining the purpose of the meeting that you held with the State of North Carolina on June 30, 1987. As we discussed by phone, the State had asked the Environmental Protection Agency (EPA) to review the SEA's. We had reviewed the original EAs and commented on April 14, 1986, also at the request of the State. While the two supplements are a great improvement over the original EA's, the fact that neither the EA's nor the SEA's were circulated for agency or public review is of concern to the EPA. The State reported to us that the June 30th meeting was helpful in resolving many of their concerns.

The inclusion of maps with the coordinates plotted on them would have helped in understanding the proposed restricted areas. Maps supplied to the State of N.C. indicate restricted area over land. Is this correct or is the area only over open water as stated in the SEA? The closest refuge, Alligator River National Wildlife Refuge is not mentioned in the SEA nor is Pettigrew State Park which is about 13 miles from 5301 and 5302.

Noise could be an issue. The flight paths and levels of flight, and the arrival routes from NAS Oceana should be identified. Carrier based planes would almost certainly fly across the Cape Hatteras National Seashore to fire on Stumpy Point. The frequency, flight paths, altitude and single event noise levels should be given.

The thriving marine life in and around the hulk is well known in the area and attracts fishermen. The restrictive markings need upgrading and need to be maintained. The Inner Coastal Waterway is a very popular route for out of state recreational boats. You should insure that your target areas are accurately marked on marine charts. Also, it is not clear if recreation or fishing would ever be allowed in the 3NM diameter circle of 5313A or the 3NM arc of 5301A as they are proposed for continuous use.

The economic impact on recreational boating and fishing and commercial fishing in the continuous use areas and during intermittent use of the

other areas needs to be better documented. The economic impact of the existing operations could be improved. The relationship between surface and airspace when airspace extends to the surface needs to be better defined as well as the roles of the responsible agencies when this happens.

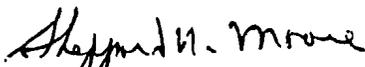
The document could be improved by including baseline data on air quality, water quality and noise. A standard noise contour map would be helpful. The number of receptors and frequency of occurrences should be given along existing and proposed approach routes. There needs to be a more detailed analysis of the ordnance, propellants and other chemicals involved and their potential impact on water quality.

The initial application to the FAA did not propose stand off weapons for Harvey and Palmetto Points. Has this been amended? And the spelling is MATTAMUSKEET rather than MALTAMUSKEET as it appears in both SEA's.

Since the DOD has elected not to address the cumulative impacts of their various existing and proposed activities in eastern North Carolina, especially the cumulative airspace impact, it is the opinion of the EPA that these airspace impacts should be addressed by the FAA. The EPA disagrees with the FAA position that only the Navy has a NEPA responsibility in the proposed restricted airspace areas. Any subsequent DOD, Navy or FAA documents should address the cumulative impacts of airspace usage by the military. While they have not contacted EPA, it is my understanding that the GAO is preparing a report on the military airspace issue and that this report will be available this fall.

Again, I appreciate your call and your efforts to resolve the issues raised by the State of N.C. I hope that the Navy and EPA can work closer together in the future.

Sincerely yours,


Sheppard N. Moore, Chief
NEPA Review Staff
Environmental Assessment Branch

cc: William L. Flournoy, Jr., Chief
Environmental Assessment Section
State of North Carolina
Department of Natural Resources and
Community Development
521 North Salisbury Street
Raleigh, North Carolina 27611

cc: Walter E. Demby, Manager
Airspace and Procedures Branch
Southern Region
Federal Aviation Administration
P.O. Box 20636
Atlanta, Georgia 30320

Dinah Bear
General Counsel
Council on Environmental Quality
722 Jackson Place, N.W.
Washington, D.C. 20006

bcc: Dr. Alexander Williams (A-104)
Office of Federal Activities

Ken Mittelholtz (A-104)
Office of Federal Activities



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

APR 14 1986

4PM-EA/SNM

Ms. Chrys Baggett, Director
State Clearinghouse
North Carolina Department
of Administration
116 West Jones Street
Raleigh, North Carolina 27611

Dear Chrys:

We have reviewed the environmental information including the Environmental Assessments relating to Airspace Docket Number 85-ASO-16 as requested by your letter of March 14, 1986. It is the opinion of the EPA that the one page EA on areas 5301 and 5302 dated April 1985, and the 2 page EA on 5313 dated September 1986 are severely lacking in data and had they been sent to us for review, they would have both been rated inadequate.

We certainly recognize the need for military target ranges, however, it is our understanding that there are alternative ranges in the area and they should have been discussed. It is also our understanding that there are numerous military proposals on the table in eastern North Carolina. It is my feeling that the cumulative impacts of these proposals by the various military services might but be evaluated in one Department of Defense Environmental Impact Statement.

I will not enumerate the many areas in which the Navy's assessments are lacking as you have recognized most of them. However, I would like to stress the health and safety issue. Certainly, something must be done to prevent the safety hazards that currently exists within the airspace and on the water. These safety hazards will be even greater in the future with the use of laser weapons.

The Navy recognizes in their A-63 Trim Laser Safety Program and Operating Procedures, dated December 26, 1984 that "The intensity within the beam of the laser exceeds that produced by the sun, nuclear weapons, burning magnesium or arc lights. Though the laser beam is invisible, the eye is able to focus this energy onto the retina with possibly severe and permanently damaging effects varying from spot blindness, if the direct beam is viewed from a long distance, to complete and total loss of sight if the direct beam is viewed from a distance very close to the aircraft. This hazard exists within the laser beam, along the aircraft's flight path, out to a range of 6.0 within the laser beam, along the aircraft's flight path, out to a range of 6.0 nautical miles from the lasing aircraft. This distance is increased when binoculars, spotting scopes or any other magnification device (including telescopic cameras) are

used. Any optical magnification device required to view the laser source from within the target area must be equipped with a protective filter or the viewer must wear proper eye protection."

The use of laser, although not discussed in the EA, could result in a significant impact on the quality of the human environment. Although they state that the entire area within the 6 nautical mile radius circle around the target must be free of boats and fishermen, prior to conducting laser operations, recent accidents right at the target has revealed the inadequacy of the present warning/clearing procedures.

In summary, we feel that the Navy's assessments are inadequate and do not support a Finding of No Significant Impact.

Sincerely yours,

Sheppard N. Moore
Sheppard N. Moore, Chief
NEPA Review Staff
Environmental Assessment Branch

cc: Director FAA, Southern Region
ATTENTION: Manager, Air Traffic Division
Docket No. 85-ASO-16
Federal Aviation Administration
P.O. Box 20636
Atlanta, GA 30320

CDR Larry Cleghorn
Commander Tactical Wings
NAS Oceana
Virginia Beach, Virginia 23460

Dinah Bear
General Counsel
Council on Environmental Quality
722 Jackson Place, N.W.
Washington, D.C. 20006

Alexander Williams (A-104)
Office of Federal Activities
U.S. Environmental Protection Agency
401 M Street, N.W.
Washington, D.C. 20460

J. R. Horsley

Soil and Water Conservation District



Received

FEB 1 1988
College of The Albemarle
President's Office

SUSSEX • SOUTHAMPTON • GREENSVILLE COUNTIES

425 "D" S. Main Street
Emporia, Virginia 23847

January 28, 1988

C

Mr. Richard Burton
Executive Director
Virginia Water Control Board
2107 North Hamilton Street
Richmond, Virginia 23230

Dear Mr. Burton:

The J. R. Horsley Soil and Water Conservation District wishes to officially go on record supporting the request of the North Carolina Division of Environmental Management to have the Blackwater, Nottoway and Mecherrin river systems in Virginia included in the "nutrient enriched waters" of the State of Virginia.

Our Soil and Water Conservation District has been actively involved with farmers in Virginia to help them to reduce non-point source nutrient inputs into the Virginia river systems of the Chowan for the past several years.

The Food Security Act of 1985 requires that all farmers with highly erodible cropland develop and implement a conservation plan by 1995. This provides us with the opportunity to reach many landowners who have never participated in conservation programs. Without the designation of "nutrient enriched water" we are concerned that future funding to cost-share with farmers to install expensive practices could be endangered.

Again we support the request of North Carolina to include the entire Chowan Basin in Virginia in the "nutrient enriched waters" of the State.

Thank you for your consideration.

Sincerely,

Leland E. Beale, Jr., Chairman
J. R. Horsley Soil and Water
Conservation District

Mr. Richard Burton

Page 2

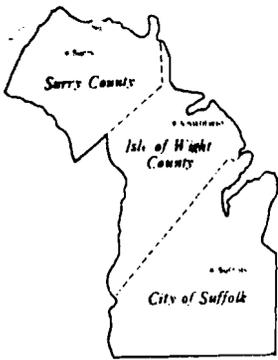
January 26, 1988

cc: Delegate Paul Council
Delegate Beasley Jones
Senator Richard Holland
Senator Elmon T. Gray
Bud Leynes
Roland Geddes
Alan Klemick
Parker Chesson
Joe Stutts

Douglas Lader

PEANUT SOIL AND WATER CONSERVATION DISTRICT

1548 Holland Road, Suffolk, Virginia 23434



January 29, 1988

Mr. Richard Burton
Executive Director
Virginia Water Control Board
2107 North Hamilton Street
Richmond, Virginia 23230

Dear Mr. Burton:

The Peanut Soil and Water Conservation District wishes to officially go on record supporting the request of the North Carolina Division of Environmental Management to have the Blackwater, Nottoway and Meherrin river systems in Virginia included in the "nutrient enriched waters" of the State of Virginia.

Our Soil and Water Conservation District has been actively involved with farmers in Virginia to help them to reduce non-point source nutrient inputs into the Virginia river systems of the Chowan for the past several years.

The Food Security Act of 1985 requires that all farmers with highly erodible cropland develop and implement a conservation plan by 1995. This provides us with the opportunity to reach many landowners who have never participated in conservation programs. Without the designation of "nutrient enriched water" we are concerned that future funding to cost-share with farmers to install expensive practices could be endangered.

Again we support the request of North Carolina to include the entire Chowan Basin in Virginia in the "nutrient enriched waters" of the State.

Thank you for your consideration.

Sincerely,

Carey M. Copeland

Carey M. Copeland, Chairman
Peanut Soil and Water
Conservation District

cc: Governor Gerald D. Baliles
Delegate J. Paul Councill, Jr.
Senator Richard J. Holland
Senator Elmon T. Gray
Senator Mark Earley
John Daniel
Bud Leynes
Roland Geddes
Alan Klimek
Parker Chesson
→ Joe Stutts

FEB 2 1988

FEB 2 1988

D

Committee Assignments

Program Review Committee

Don Bryan *Chuck Little*
Jimmy Jenkins
Don Flowers
Bill Piland
Bill Richardson
A. B. Whitley
Gerald Perry
John Acree

Technical Review/Environmental Issues Committee

Terry Pratt
Ralph Calfee
John Stallings
Joe Wright
Glen Wood
Yates Barber
W. C. Witherspoon
Quentin Bell
Murray Nixon

Public Awareness/Governmental Relations Committee

Bill McGeorge
Al Howard
Carolyn Hess
Mike Corcoran
Mikey Daniels
Rob Powell
Joe Stutts
Earl Rountree
Lloyd Ballance

*See minutes of P-ATC (1/19/88)
for the charge of these committees*

The Albemarle Citizens' Advisory Committee adopts the following general "Resolution":

1. Dr. Doug Rader is commended for his exemplary work with the Albemarle-Pamlico Estuarine Study Program. Dr. Rader's tireless and highly efficient efforts have been responsible for the development of a program which has been officially designated under the Environmental Protection Agency's National Estuary Program. The Albemarle CAC wishes him well in his new endeavors with the Environmental Defense Fund.

2. The A.P.E.S. Policy Committee, the Secretary of the N. C. Department of Natural Resources and Community Development, and the Regional Administrator, Region IV, U.S. Environmental Protection Agency are urged to give top priority to filling Dr. Rader's position as soon as possible with a person who can continue his outstanding efforts. The program is at a critical point in its development, one where the public is expecting more visible and concrete results from its activities.