

**EXECUTIVE ORDER NO. 75
CREATION OF REGIONAL COUNCILS
AND A COORDINATING COUNCIL TO
SUPPORT SOUND ENVIRONMENTAL
MANAGEMENT IN THE ALBEMARLE-
PAMLICO ESTUARINE STUDY REGION**

WHEREAS, the Albemarle-Pamlico Estuarine Study (APES) was a cooperative effort by the State of North Carolina and the U.S. Environmental Protection Agency to preserve water quality, habitats, and fisheries in eastern North Carolina; and

WHEREAS, APES was the first of 21 National Estuary Programs to be started under the Clean Water Act; and

WHEREAS, APES has provided extensive information and scientific research about the environmental issues facing the Albemarle-Pamlico estuary since 1987; and

WHEREAS, that scientific information was combined with extraordinary involvement by citizens to develop a Comprehensive Conservation and Management Plan (CCMP) entitled "A Guide to Environmental and Economic Stewardship in the Albemarle-Pamlico Region"; and

WHEREAS, the CCMP also recognizes that, from an ecological and an economic standpoint, the best way to ensure the general environmental health of the Albemarle-Pamlico watershed is to manage and protect the five river basins of the watershed; and

WHEREAS, the CCMP also recognizes the importance of involving the public in making decisions regarding environmental management; and

WHEREAS, the CCMP recommends the establishment of Regional Councils to foster public input from each of the five river basins in the Albemarle-Pamlico region, and a Coordinating Council to support the implementation process of the CCMP;

NOW, THEREFORE, by the authority vested in me as Governor by the laws and Constitution of the State of North Carolina, **IT IS ORDERED:**

Section 1. Establishment.

Five Regional Councils of citizens ("Councils"), one for each river basin in the Albemarle-Pamlico watershed, are hereby established to advise agencies responsible for environmental management on concerns and issues relative to that basin.

A Coordinating Council consisting of representatives from each Regional Council, citizen commissions, federal resource agencies, and state government is hereby established to evaluate and support implementation of the CCMP.

Section 2. Regional Councils.

A. Composition.

1. Basins to be represented by the Councils. Five

separate Regional Councils shall represent each of the following river basins, with the area of the river basin being defined by the hydrologic boundaries ascribed to it by the N.C. Division of Environmental Management (DEM):

- a. Neuse (including areas of the White Oak River basin that drain to Core and Bogue Sounds)
 - b. Tar-Pamlico (including areas draining directly into the northern Pamlico Sound)
 - c. Roanoke (the portion of the basin below Lake Gaston dam)
 - d. Chowan
 - e. Pasquotank/Alligator (including smaller rivers and areas that drain directly into the Albemarle, Currituck, Croatan, and Roanoke Sounds)
2. Membership of the Regional Councils.
 - a. Each county in the basin shall have at least three representatives on the Council for that basin. In instances where a county lies in more than one basin, that county shall have at least three representatives on each Council that serves a basin of which the county is a part.
 - b. Membership from each county shall include:
 - (1) one elected or appointed county official selected by the board of county commissioners;
 - (2) one elected or appointed municipal official selected by the board of county commissioners in consultation with municipalities in the county (counties without municipalities shall appoint a second county official); and
 - (3) one person appointed by the Secretary of the N.C. Department of Environment, Health, and Natural Resources (DEHNR). In making his appointments to each Council, the Secretary shall, to the greatest extent possible, seek to ensure demographic and social balance, as well as balance among the following interests:
 - (a) agriculture
 - (b) silviculture
 - (c) conservation
 - (d) environmental science
 - (e) commercial fishing
 - (f) business/industry
 - (g) recreational fishing
 - (h) tourism
 - (i) Soil and Water Conservation Districts
 - (j) at large

c. Each Regional Council may expand its membership as it deems necessary.

d. Members shall serve for a five-year term to coincide with the five-year cycle of discharge permit renewals in the river basins. Vacancies shall be filled by the appointing authority.

B. Duties.

1. The Regional Councils shall advise and consult with local, state, and federal governments, as well as the general public and different interest groups within the basin, on the implementation of environmental management programs in the river basins. Because

EXECUTIVE ORDERS

different basins are likely to face different concerns and problems, the Council for a particular basin shall work to prioritize the problems to be addressed in that basin and to design and build consensus support for the most cost-effective strategies for dealing with those problems. The councils shall also advise the public and local governments of actions and information relevant to environmental management in the basin. The Councils will have no authority other than as advisory bodies.

2. Federal and state agencies with environmental management responsibilities in the basin shall be invited to participate in meetings of the Regional Councils.
3. Each council shall be responsible for determining its own rules of order, chairmanship, attendance regulations, quorums, and other matters of protocol.
4. DEHNR shall assist the councils and serve as a conduit for information between the councils, state and federal agencies, local government, and the public.
5. Each council shall work with DEHNR in preparing an annual public report on the progress of environmental protection and related concerns in the five river basins.

C. Meetings.

Each Regional Council shall meet within three months of its formation by the Secretary of DEHNR and local governments. Each Council shall meet at least two times each year, or more frequently if deemed appropriate.

Section 3. Coordinating Council.

A. Membership.

Membership of the Coordinating Council shall include:

1. Fifteen representatives of the five Regional Councils.
(Each Regional Council will select two of the elected and/or appointed government officials and one other representative from any background.)
2. Seven representatives of citizen commissions and councils. The Chair of each of the following groups shall select a representative:
 - a. Marine Fisheries Commission
 - b. Soil and Water Conservation Commission
 - c. Environmental Management Commission
 - d. Coastal Resources Commission
 - e. Wildlife Resources Commission
 - f. Forestry Advisory Council
 - g. Sedimentation Control Commission
3. Four representatives of federal resource agencies, to be selected by the appropriate federal administrators, are invited to participate:
 - a. U.S. Environmental Protection Agency
 - b. U.S. Army Corps of Engineers
 - c. U.S. Fish and Wildlife Service
 - d. National Oceanic and Atmospheric Administra-

tion

4. Three representatives of state government:
 - a. Secretary of DEHNR, or his designee (Chair of the Coordinating Council)
 - b. Secretary of the N.C. Department of Commerce, or his designee
 - c. Commissioner of the N.C. Department of Agriculture, or his designee, is invited to participate.

B. Duties.

1. The role of the Coordinating Council shall be to evaluate and support the implementation process to ensure the highest level of cooperation and coordination among agencies, local governments, and public and private interest groups.
2. The Coordinating Council shall consult the Regional Councils for guidance on coordinating implementation strategies at a local level.
3. The Coordinating Council shall set annual priorities for implementing sections of the CCMP and make recommendations based on progress and success, and shall identify and prioritize information needs as described in the CCMP.
4. The Coordinating Council shall pursue a Memorandum of Agreement between North Carolina and Virginia to ensure continued cooperation and coordination in implementing the CCMP.
5. Each participating agency, institution, and organization of the Coordinating Council shall submit annual reports evaluating the progress made in implementing CCMP recommendations and the success of implementation strategies.

Section 4. Compensation, Per Diems and Expenses.

Members of the Regional Councils and the Coordinating Council shall serve voluntarily and without compensation, per diems or expenses.

Section 5. Effect of Other Executive Orders.

All other Executive Orders or portions of Executive Orders inconsistent herewith are hereby rescinded.

This Order shall become effective immediately.

Done in the Capital City of Raleigh, North Carolina, this the 30th day of March, 1995.

State of North Carolina



JAMES B. HUNT JR.
GOVERNOR

EXECUTIVE ORDER NUMBER 118
AMENDING EXECUTIVE ORDER 75 CONCERNING
IMPLEMENTATION OF THE ALBEMARLE-PAMLICO
ESTUARINE STUDY RECOMMENDATIONS

WHEREAS, Executive Order No. 75 was issued to establish mechanisms to achieve better local stakeholder involvement in environmental programs in the Albemarle-Pamlico Estuarine region by the creation of five regional Councils and one Coordinating Council; and

WHEREAS, one Council, the Neuse River Basin Regional Council (NRBRC), has been established and has been meeting for over a year; and

WHEREAS, the State's environmental management programs have benefited from the experiences of that Council which have demonstrated that certain modifications can be made to the original Executive Order which will lead to more effective and productive local involvement programs.

NOW, THEREFORE, by the power vested in me as Governor by the laws and Constitution of the State of North Carolina, IT IS ORDERED that the following sections of Executive Order No. 75 are amended to read as follows:

Section 2. Regional Councils.

A. Composition.

1. Basins to be represented by the Councils.

Five separate Regional Councils shall represent each of the following five basins, with the area of the river basin being defined by the hydrologic boundaries ascribed to it by the North Carolina Division of Water Quality (DWQ):

A. Composition.

2. Membership of the Regional Councils.

- d. Local government representatives shall serve at the pleasure of the appointing authority and any local government vacancies in the Council shall be filled by the appointing authority. In the event of an interest group vacancy, the Secretary of the Department of Environment and Natural Resources shall solicit nominations from current Council members, the Department, and the general public. Interest group representatives serve at the pleasure of the Secretary. The Secretary will select an acting chair of each Council who will serve until the official selection of a chair by the Council membership is accomplished.

B. Duties.

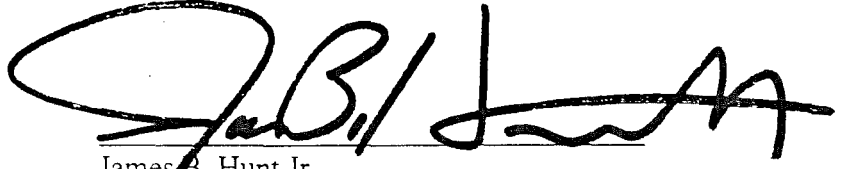
1. A major responsibility of the Regional Councils is to make recommendations to local, state, and federal regulatory authorities on how to maintain and improve water quality and other environmental resources in their individual river basins. Each Regional Council will set their own priorities and develop a plan of work which will address those priorities. The Councils shall also advise the public and affected stakeholders of actions and information relevant to environmental management in the basin.

The Councils shall have no authority other than as advisory bodies.

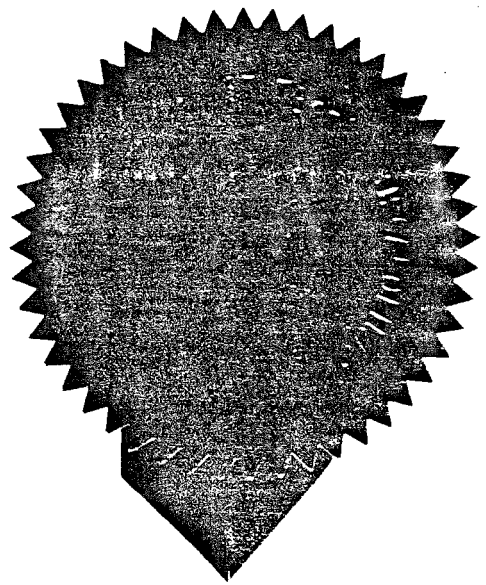
Subject to the amendments provided above, Executive Order No. 75 shall remain in full force and effect.

This order is effective immediately.

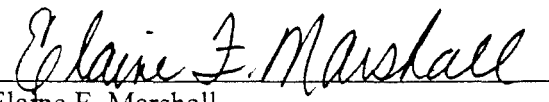
Done in the Capital City of Raleigh, North Carolina, this the 15th day of
September, 1997.



James B. Hunt Jr.
Governor



ATTEST:



Elaine F. Marshall
Secretary of State

ROANOKE RIVER BASIN REGIONAL COUNCIL

By-Laws

ARTICLE I

Name, Authority, Location, Purpose, Functions

Section 1: NAME

The name of this organization shall be the Roanoke River Basin Regional Council (RRBRC). Its area of interest shall include the entire Roanoke River watershed.

Section 2: AUTHORITY

The RRBRC has been created by Executive Order #75 (as amended) of the Governor of North Carolina, James Hunt, Jr. The RRBRC is administered through the NC Department of Environment and Natural Resources (NCDENR) - Division of Water Quality (DWQ), Water Quality Section.

Section 3: LOCATION

The principal mailing address of the RRBRC shall be the: NC Division of Water Quality, P.O. Box 29535, Raleigh, NC 27626-0535.

Section 4: PURPOSE & FUNCTION

The primary purpose of the RRBRC shall be to:

- A. provide guidance and recommendations to the NCDENR on environmental issues pertaining to the Roanoke River watershed;
- B. promote public awareness and understanding of the environmental issues concerning the Roanoke River watershed;
- C. provide input to DWQ in the development (and periodic updating) of the Roanoke River Basinwide Management Plan (Roanoke River Basin Plan) and other environmental management strategies as they concern the Roanoke River watershed;
- D. provide input to the Environmental Management Commission (EMC), units of local government, and others regarding environmental issues and management strategy recommendations;
- E. perform liaison function between the NCDENR, local government, and stakeholders/organizations represented by the Council members.

To fulfill this purpose, the members of the RRBRC shall be expected to communicate the activities of the RRBRC to their respective organizations, local governments, and the public, and conversely, to communicate the comments and concerns of these organizations to RRBRC membership and others, as appropriate.

Specifically, the RRBRC shall:

- A. make recommendations to local, state, and federal regulatory authorities on how to maintain and improve water quality and other environmental resources in their individual river basins. The RRBRC will set their own priorities and develop a plan of work which will address those priorities. The Council shall also advise the public and affected stakeholders of actions and information relevant to environmental management in the basin. The Council shall have no authority other than as an advisory body.
- B. disseminate information about the RRBRC, interpret and communicate the goals and strategies of the Albemarle-Pamlico Estuarine Study's Comprehensive Conservation and Management Plan (CCMP), Governor Hunt's Coastal Agenda, and DWQ's basinwide management plans to the public and to interest groups, and advise the RRBRC of reaction and comments;
- C. provide input to the NCDENR, EMC and others in implementing the goals of the CCMP, Coastal Agenda and Roanoke Basin Plan and in defining environmental indicators to help monitor progress in implementing these plans;
- D. track and monitor local, state and federal actions to assess their contribution in achieving the goals set forth in the CCMP, Coastal Agenda, and DWQ Roanoke Basin Plan(s);
- E. identify opportunities and mechanisms to involve the public in implementing the CCMP, Coastal Agenda and DWQ Roanoke Basin Plan(s);
- F. communicate with decision makers and other authorities about implementation needs and assist in shaping priorities;
- G. act as advocates for securing adequate funding for the implementation of plan goals and objectives.

ARTICLE II

Membership and Officers

Section 1: RRBRC Composition

The RRBRC shall be composed of individuals representing a cross section of groups and organizations and local governments (county and municipal) that use or have concerns about the Roanoke River. The interests shall include:

- | | |
|--|-------------------------|
| * agriculture | * conservation |
| * silviculture | * environmental science |
| * commercial fishing | * business/industry |
| * recreational fishing | * tourism |
| * Soil & Water Conservation
Districts | * at large (4) |
| | * local government |

The goal shall be to recruit a fair geographic distribution of members from throughout the Roanoke River basin and to achieve a distribution of representation from among the membership categories defined in paragraph one of this section. Membership on the RRBRC may be expanded as determined by a majority quorum of RRBRC members.

Section 2: Criteria for Membership

Each member or their designee shall:

- A. be potentially affected by the management recommendations contained in the CCMP, Coastal Agenda, and DWQ Roanoke Basin Plan(s);
- B. be willing to assume responsibility for communicating with a major user or interest group, and to attend regular meetings;
- C. have some knowledge and interest in Roanoke River water quality and resource management issues.

Section 3: Terms of Appointment

According to the Governor's Executive Order #75 (as amended) local government members shall serve at the pleasure of the appointing authority and any local government agency vacancy in the Council shall be filled by the appointing authority.

In the event of an interest group vacancy, the Secretary of the NCDENR shall solicit nominations from current Council members, the Department and the general public. Interest group representatives shall serve at the pleasure of the Secretary. The Secretary will select an acting chair of each Council who will serve until the official selection of a chair by the Council membership is accomplished.

Section 4: Method of Appointing Additional Members

The process for appointing **additional** members to the RRBRC shall be as follows:

- A. nominations for additional members shall be solicited from among current members, the NCDENR, DWQ staff, and by open invitation for nominations from the general public;
- B. a membership subcommittee consisting of the RRBRC chair, DEM staff, and one other RRBRC member, shall review all nominations received for consistency with the provisions of this article concerning RRBRC membership and composition;
- C. the membership subcommittee shall submit a list of proposed members to the RRBRC for review and approval.

Section 5: Compensation

All members shall serve without compensation.

Section 6: Officers

Officers of the RRBRC shall be elected by the members. The officers shall be a Chair, Vice-Chair and Secretary/Treasurer. The term of office shall be one year.

Election of officers shall be held in February of each year. A nominating committee shall be established to identify candidates, and shall notify RRBRC members of those nominated for each position at least 30 days prior to the meeting where voting will take place. Officers shall be elected by a majority vote of the RRBRC members present, provided that a quorum is present.

Section 7: Responsibilities of the Chair

The Chair shall be responsible for:

- A. attending the Environmental Management Commission (EMC) meetings as appropriate;
- B. communicating recommendations and concerns of the RRBRC to the EMC and vice versa;
- C. defining agendas for RRBRC meetings with assistance from DWQ staff;
- D. chairing RRBRC meetings;
- E. coordinating an annual process to evaluate progress, priorities and next steps for the RRBRC, with assistance from DWQ staff; and
- F. all other duties necessary for the conduct of business of the RRBRC.

Section 8: Responsibilities of the Vice-Chair

- A. the Vice-Chair shall serve in absence of the Chair and shall perform as the Chair in all matters of business; and
- B. all other duties necessary to conduct business of the RRBRC.

Section 9: Responsibilities of the Secretary/Treasurer

The Secretary\Treasurer shall:

- A. assist with defining the agenda;
- B. record the minutes of RRBRC meetings;
- C. establish whether a quorum is present;
- D. handle incoming correspondence;
- E. prepare any correspondence from the RRBRC to other individuals or organizations for endorsement by the Chair;
- F. ensure that all views on an issue are accurately recorded and reported;
- G. perform all duties required by office of Treasurer; and
- H. all other duties required for the conduct of business of the RRBRC.

ARTICLE III

Meetings

Section 1: Meetings

- A. According to the Governor's Executive Order, # 75 meetings of the RRBRC shall be held at least

two times a year. Subcommittees may meet more frequently. Meetings of the RRBRC may alternate between locations in the Roanoke River Basin and shall be open to the public.

B. The number of members present constitutes a quorum, provided meeting notice has been sent 30 days prior to the meeting and that at least 5 members are in attendance.

Section 2: Agenda Items

Matters may be placed on the agenda for consideration at meetings of the RRBRC by any of the following:

- A. the RRBRC Chair
- B. a member of the RRBRC
- C. a member of the DWQ staff

Section 3: Parliamentary Procedure

Robert's Rules of Order shall be the parliamentary authority for the conduct of RRBRC meetings as is appropriate.

Section 4: Alternates

Whenever a RRBRC member cannot attend a meeting, he/she may send his/her designated alternate. Alternates shall be recognized as constituting the voting member as in attendance, counted in determining a quorum, but shall **not** be eligible to vote.

Section 5: Attendance

Members of the RRBRC shall attend all regular meetings of the RRBRC. If any member of the RRBRC or his/her designated alternate fails to attend two regular meetings per year without sufficient explanation, the Chair may recommend removal and replacement of that member. This attendance requirement also applies to meetings of the various subcommittees.

Section 6: Decision Making and Voting Rights

- A. Use of Consensus. The RRBRC will operate by consensus. RRBRC decisions will be made only with concurrence of all members represented at the meeting in which decisions are to be made. No member can be out voted.

If the RRBRC fails to reach consensus on any issue/resolution, that issue/resolution shall be submitted with multiple recommended options along with supporting information for each option.

- B. Proxys. A voting member may exercise his/her vote by communicating his proxy to any

Council officer or staff member in writing. Proxy votes may be exercised by voting members only.

Section 7: Ground rules for Interaction

- A. **Ground rules.** Members of the RRBRC shall seek to participate constructively in meetings. Ground rules for constructive interaction include:
- * Treat all members with courtesy and respect.
 - * One person speaks at a time.
 - * Listen carefully.
 - * Be brief and clear in your comments.
 - * Focus on the current agenda item.
 - * It's ok to disagree.
 - * Focus on the problem, not finding fault.
 - * Observe meeting limits and only extend meetings 30 minutes when necessary with consensual agreement of members present.
 - * Members making statements to the public on behalf of the RRBRC must have received approval by the RRBRC prior to speaking.
- B. **Enforcement of Ground rules.** Ground rules shall be monitored and enforced by members of the RRBRC.

ARTICLE IV

Subcommittees

Section 1: Subcommittees

The following shall be established as standing subcommittees to address regular business of the RRBRC:

- A. membership subcommittee, composed of the Chair, DWQ staff and one other RRBRC member;
- B. issues subcommittee, composed of volunteers from among the RRBRC members;
- C. public outreach workgroup, composed of members appointed by the RRBRC in conjunction with DWQ staff;
- D. nominating committee for the election of officers, composed of volunteers from among the RRBRC members, but excluding current officers.

As deemed appropriate, the RRBRC may designate additional subcommittees to address concerns and present recommendations to the full committee. A subcommittee may be proposed by the Chair, any RRBRC member, or DWQ staff, and established by a majority vote of the members present, provided that a quorum is present.

All subcommittees shall report to the RRBRC about current activities on a regular basis.

ARTICLE V

Staff

Section 1: Staff Support

Staff support for the RRBRC shall be provided by the Division of Water Quality-Water Quality Section.

Section 2: Staff Responsibilities

The staff shall be responsible for assisting the Secretary with the transmitting of minutes of all RRBRC meetings, notices/agendas to RRBRC members, and shall transmit a copy of the minutes of each RRBRC meeting to each member prior to the next regular meeting. He/she shall also ensure that consensus, majority and dissenting views on all matters and issues shall be recorded and reported.

ARTICLE VI

RRBRC Positions

Section 1: Adopting Official RRBRC Positions

Official positions of the RRBRC on any issue or topic shall be adopted by resolution. Proposed topics shall be provided to RRBRC members at least 15 days prior to the meeting where decision-making will take place. Resolutions may be proposed by the Chair or a member of the RRBRC. Proposed resolutions shall be transmitted to DWQ staff at least 30 days before the meeting at which they will be acted upon in order to allow sufficient time for staff to transmit copies to RRBRC members. Resolutions shall be adopted by consensus of all members represented at the meeting. A record of any resolutions adopted by the RRBRC shall be kept in the DWQ Public Involvement Office, Washington, NC and with the Council Secretary.

Section 2: Representing RRBRC Positions in Public Forums

In the event that an individual RRBRC member wishes to represent the views or position of the RRBRC in a public forum, they must notify the RRBRC Chair and DWQ staff in advance of the scheduled event.

ARTICLE VII

By-Laws and Amendments

Section 1: Initiation

These by-laws and any amendments thereto shall be effective immediately upon adoption.

Section 2: Amendments

Proposed amendments to the by-laws shall be provided to the members at least 30 days prior to the meeting at which they will be acted upon. Any amendments to these by-laws must be approved by a two-thirds majority vote of the members. Members who expect to be absent from the meeting at which the by-laws will be acted upon may provide a written communication of their vote on the proposed amendment to the by-laws. Such notification must be received at least 48 hours before the meeting where the amendments are scheduled to be acted upon.

By-laws amended and adopted
January 14, 1998

RESOLUTION

Roanoke River Basin Regional Council

Whereas the Roanoke River is a natural wonder; it supports over 119 species of fish, and is among the most biodiverse east of the Rockies; the lower river section includes the largest intact bottomland hardwood swamp forest on the Atlantic slope, comprising almost 160,000 acres, and supports the Atlantic Coast's third largest anadromous striped bass population, over 214 species of migratory birds, including 90 species of breeding birds, and some of the best opportunities for wildlife observation, photography, interpretation and environmental education and hunting and fishing in North Carolina, and

Whereas the lower section of the Roanoke River basin can provide more food and fiber than currently produced, subsistence, and otherwise sustain many individuals through economic activities related to aesthetic, recreational and environmental tourism, and has many social and historical sites, some recorded, and many not recorded, and

Whereas landowners and local county agricultural and forestry economies of the lower section of the Roanoke River continue to sustain or suffer a disproportionate and uncompensated economic loss related to river flow management, and

Whereas the biological, chemical, and physical integrity of the lower section of the Roanoke River has been and is being affected by point and nonpoint sources of pollution, dams, flow alterations, and land use practices, such that sturgeon may be locally extirpated; once abundant fish such as American shad are now severely depleted; and freshwater mussel species diversity and population numbers have suffered alarming declines, and

Whereas intergenerational equity and environmental justice are ill-served by the present flow regime, including low flow augmentation and high flow dampening; and the encouragement of industrial facilities within the floodplain which continues trends that irreversibly damage the vitality, health, and integrity of the river and its floodplain; and trades the natural beauty, national significance, and capacity for sustainable regional subsistence provided by the basin for short-term economic gains, and

Whereas the Implementation Plan of the Albemarle-Pamlico Estuarine Study's Comprehensive Conservation and Management Plan (CCMP), of 1994, recommended the creation by Governor's Executive Order, of the Roanoke River Basin Regional Council (RRBRC) to provide a local forum for input into the implementation process by public and private interests; consult with local, state, and federal governments; as well as the general public and interest groups within the basin on the implementation of environmental management programs in the Roanoke River Basin consistent with the CCMP, and

Whereas inter-related administrative processes, including the Roanoke Rapids and Gaston Hydropower licensing; the Corps of Engineers section 216 study; the North Carolina Division of Water Quality's Basinwide Water Quality Plan; the development of a multi-species Fishery Management Plan; Wetlands Restoration Plan; water needs of the Weyerhaeuser mill at Plymouth; and the renewal of many water quality certificates in the basin; provide an opportunity to alter the trends damaging to the river's ecological integrity and the region's capacity for subsistence, and

Whereas many statutes give the State of North Carolina opportunity to take corrective action and seek avoidance, minimization, and full compensation, including in-kind mitigation; and adaptive management, for past, present, and future environmental and economic damages, including loss of use; for damage related to the facilities and operations reviewed under pertinent administrative processes, and

Whereas anecdotes do not constitute reliable data for decision-making, and best professional judgment is a less than perfect tool for allocating public trust resources for private gain; and successful natural resource management depends on an understanding of cause and effect relationships; and scientifically sound management must include institutional mechanisms to account for significant uncertainty and adaptability, as new or improved information becomes available, and

Therefore, be it resolved that the RRBRC recommends the State of North Carolina regulate and administer the Roanoke River to ensure that (1.) long term, sustainable ecological integrity, subsistence production of food and fiber, and economic viability, including nonmarket values, are not compromised; (2.) management decisions are supported by scientifically sound information; (3.) environmental restoration and protection is not impeded or hindered by authorized activities, including water diversions, flow regulation and discharges of pollutants, and; (4.) no irreversible commitments of the public trust are made that would preclude future generations from implementing the same management options, and obtaining the same results, available to the present generation.

The signature below certifies that the above resolution was approved by the Roanoke River Basin Regional Council this the 8th day of December 2000.

Kay Winn, Secretary
Roanoke River Basin Regional Council

NORTHAMPTON COUNTY, NORTH CAROLINA
RESOLUTION

REQUESTING
THE INITIATION OF A "216" STUDY OF THE LOWER ROANOKE RIVER

WHEREAS, the Roanoke River basin is considered a great natural resource for all the people of North Carolina and the United States, and

WHEREAS, the Roanoke River Basin Regional Council was established by Executive Order #75, as recorded in the North Carolina Register, May 1, 1995, to act as a local liaison group with all other agencies involved with the Roanoke River, and

WHEREAS, the Council has been meeting regularly to establish local priorities for the river basin and has reported these priorities to the Albemarle-Pamlico Sounds National Estuary Program Coordinating Council, and

WHEREAS, the Council has identified water flow issues as the primary concern for the lower Roanoke River basin, and

WHEREAS, the last comprehensive environmental study of the entire Roanoke River basin was conducted in the mid-1970's, and

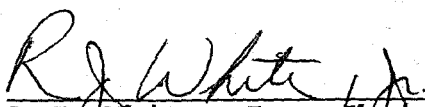
WHEREAS, dramatic shifts in river flow, in recent times, are adversely affecting the flora, fauna, and people of the lower Roanoke River basin,

NOW, THEREFORE, BE IT RESOLVED that the Northampton County Board of Commissioners support the US Corps of Engineer's proposed "216 Study" of the lower Roanoke River basin, asking that Congress appropriate funds in a timely manner so that this Study may be undertaken swiftly, and


BE IT FURTHER RESOLVED that the Northampton County Board of Commissioners further recommends that the proposed "216 Study" be expanded to encompass the entire Roanoke River basin.

Adopted this the 4th day of January, 1999.

ATTEST:



R.J. White, Jr., Chairman
Northampton Commissioners



Rose R. Sumner, Clerk to Board
Northampton Commissioners

ROANOKE RIVER BASIN REGIONAL COUNCIL

Updated 3/28/03

BERTIE	<p>County Representative Rick Harrell 124 E. Granville Street Windsor, NC 27983 252-794-5555 Fax - 252-794-5456 rick.harrell@perdue.com</p> <p>Conservation VACANT</p>	<p>Municipal Representative James G. Early II 420 Hwy 11 S. Lewiston-Woodville, NC 27849 252-348-2674 jcearly@coastalnet.com</p> <p>Silviculture VACANT</p>
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HALIFAX	<p>County Representative William A. Pierce III 916 West 2nd. St. Roanoke Rapids; NC 27870 252-536-3423</p> <p>Recreational Fishing Alex D. McLennan Ventosa Plantation Rt. 2 Box 541 Scotland Neck, NC 27874 252-826-3622</p>	<p>Municipal Representative VACANT</p> <p>Tourism VACANT</p>
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MARTIN	<p>County Representative Elmo "Butch" Lilly 1035 Grand Canyon Road Williamston, NC 27892 W - 252-792-1011 H - 252-792-5173</p> <p>Agriculture VACANT</p>	<p>Municipal Representative D.G. Matthews II. Box 487 Hamilton, NC 27840 W - 252-798-3931 H - 252-798-9701</p> <p>Environmental Science Jerry Holloman 1193 Corey Drive Williamston, NC 27982 H- 252-792-8966</p>
---------------	--	--

NORTHAMPTON

County Representative
 James Outland – Chair
 County Commissioner
 P.O. Box 410
 Rich Square, NC 27869
 H - 252-539-2462

Municipal Representative
 William Cooley
 Box 416
 Jackson, NC 27845
 W - 252-534-4121
 Fax - 252-534-3811
 H - 252-534-1821

At-large
 Kay Winn
 244 Winnaway Lane
 Rich Square, NC 27869
 252-534-1522
weewinn@3rddoor.com

SWCD
 Michael Taylor
 719 Fire Tower Rd.
 Jackson, NC 27845
 252-585-1876

WASHINGTON

County Representative
 VACANT

Municipal Representative
 VACANT

Commercial Fishing
 Timothy Smith
 117 Bennett Dr.
 Plymouth, NC 27962
 252-793-9805

Business/Industry
 Diane Hardison
 2670 Thurman Griffin Rd.
 Williamston, NC 27892
 W- 252-793-8611
 H - 252-792-8838
 Fax - 252-793-8871
diane.hardison@weyerhaeuser.com

APNEP

Program Office
 Bill Crowell
 APNEP Director
 NC DENR
 1601 Mail Service Center
 Raleigh, NC 27699-1601
 (919) 715-1327
bill.crowell@ncmail.net

Public Involvement/Outreach
 Joan Giordano
 APNEP Public Involvement
 Coordinator
 NC DENR
 943 Washington Square Mall
 Washington, NC 27889
 (252) 946-6481
joan.giordano@ncmail.net

20

8-26-97

ROANOKE RIVER BASIN REGIONAL COUNCIL

Membership Roster

ROANOKE RIVER BASIN REGIONAL COUNCIL (LOCAL GOVERNMENT APPOINTMENTS)

Membership to the Regional Council includes two local government officials (one county person and one municipal person) from each county in the basin. The following is a confirmed list of appointments submitted by each county's Board of County Commissioners:

<u>COUNTY</u>	<u>COUNTY REP.</u>	<u>MUNICIPAL REP.</u>
Bertie -	✓ Jack Powell, Jr. Plant & Food Association 1005 Powell Ave. Windsor, NC 27983 919-794-2138	David Jennette, Jr. P.O. Box 650 Windsor, NC 27983 919-794-3642
Halifax	✓ Kenneth Brantley County Commissioner Rt. 1, Box 171 Roanoke Rapids, NC 27870 919-537-6144	Johnny Draper, Jr. Mayor of Weldon P.O. Box 551 Weldon, NC 27890 919-536-4836
Martin - <i>Martin Co. Economic Development General Corporation</i>	Mary Lilley Executive Director Co. Chamber of Commerce P.O. Box 311 Williamston, NC 27892 919-792-4131 2044	✓ Gil Matthews Mayor of Hamilton P.O. Box 69 Hamilton, NC 27840 919-798-3931
Northampton - <i>James Outland POB 410 Rch Sq., NC 27869</i>	Charles Vaughan County Attorney P.O. Box 370 Woodland, NC 27897 919-587-5631	✓ Harold Wray Town Commissioner 310 Craige Street Gaston, NC 27832 919-537-8104
Washington	✓ Billy Waters County Commissioner 228 Old Roper Rd. Plymouth, NC 27962 919-793-8662	✓ Andy Allen P.O. Box 336 Plymouth, NC 27962 <i>(252) 919-793-5035</i> <i>(252) 809-9810 (cov)</i>



**ROANOKE RIVER BASIN
REGIONAL COUNCIL
(INTEREST GROUP REPRESENTATIVES)**

Membership to the Regional Council includes at least one person from each county in the Roanoke River Basin representing a specific interest or stakeholder group. The following is a list of representatives by county and interest group:

<u>COUNTY</u>	<u>NAME & ADDRESS</u>	<u>INTEREST GROUP REP.</u>
Bertie	David Jennette, Jr. 908 Sterlingworth St. Windsor, NC 27983 919-794-3642	Silviculture
	Jerry Holloman Roanoke Wildlife Refuge P.O. Box 430 Windsor, NC 27983 919-794-5326	Conservation <i>sherrrie_jager@fws.gov</i> <i>e-mail: r4rw_nc.roa@mail.fws.gov</i>
Halifax	Chuck Laughridge 1072 E. 10th Street Roanoke Rapids, NC 27870 919-535-4398	Recreational fishing
	Lori Robinson 1640 Julian Allsbrook Hwy. Roanoke Rapids, NC 27870 800-522-4282 <i>Fx 919-535-5767</i>	Tourism
Martin	Clifton Keel, Jr. 3066 C.L. Keel Rd. Robersonville, NC 27871 919-795-4122	Agriculture
	Annette Rogers 205 Halifax Street P.O. Box 1522 Williamston, NC 27892 919-328-1841	Environmental Science

Northampton

✓ Kay Winn
Rt. 1 Box 516
Rich Square, NC 27869
~~919-534-1522~~
252-
Michael Taylor
Rt. 1 Box 150
Jackson, NC 27845
919-585-0179

At-large

~~(919) 534-1522~~
Fx 919-534-1522
252
SWCD wawinn@3rdcon.com

Washington

✓ Timothy Smith
117 Bennett Dr.
Plymouth, NC 27962
919-793-9805

Commercial fishing

✓ Jerry Coker
~~105 Spruce Pine Drive~~
Plymouth, NC 27962

Business/Industry

905 Runway
Bay
N. Bern, NC ~~919-793-8862~~ (252) 514-6613
28562-8358

cokerjewdnie.com

James Outland
PO Box 410
Rich Sq., NC
27869

Nancy Kay Carraway Winn
Route 1, Box 516
Rich Square, North Carolina 27869

30 NOV 97

To: Guy Stefanski
DENR-DWQ
P.O. Box 29535, Raleigh, North Carolina 27626-0535

From: Kay Winn 

Subject: Biography-activities relevant to Regional Council involvement

- Presently reside in Northampton County, serving as an at-large representative on the basin council
- Own and operate Winnaway Farm, an intensive swine nursery facility on contract with Carroll's Foods of Virginia, responsible for nursery production of approximately 70,000 head per year
- Designated as operator-in-charge and certified as a swine waste system operator, also certified as a private pesticide applicator
- Have completed Environmental Assurance Program in both Virginia and North Carolina
- Serve as vice-president of a family-owned mineral company
- Hold B.S. degree from Longwood College in education, with several years of teaching experience
- Have explored graduate studies in many areas, including an intensive course in natural resources
- Lifelong experience in diversified farming operations, and experience as a local news photographer, reporter, and editor (Still do a little free-lance writing)
- Have served as organizer/secretary of a grassroots environmental group, helped to obtain a state grant for recycling feasibility studies, and assisted in establishing a rural recycling program
- Conducted in-service environmental education for entire school system professional staff, and served as resource person for teachers and students for in-school presentations
- Hosted on-farm field trips for biology classes and assisted in training FFA livestock judging teams
- Have done extensive legal research in the fields of right-to-farm and rights of the private property owner
- As a Master Gardener, serve in volunteer capacity educating others in environmentally safe gardening and landscaping practices, and participate regularly in the maintenance of an historic garden project

Kenneth Brantley -

Raised on tobacco farm in Nash County, N.C.
Graduated from N.C. State with B.S. Degree
in Agricultural Education. Taught vocational
agriculture for a number of years. Became
principal of a public school. Later, became
Vocational Director, then assistant superintendent
and superintendent of Halifax County Schools.

Been a district supervisor of Fishing
Creek SWCD since 1970. Served on The
Roanoke River Basin Association since 1990.

Serving as a county commissioner in Halifax
County. Appointed by commissioners to serve on
the Regional Council.

State of North Carolina
Department of Environment
and Natural Resources
Division of Water Quality

James B. Hunt, Jr., Governor
Wayne McDevitt, Secretary
A. Preston Howard, Jr., P.E., Director



November 24, 1997

MEMORANDUM

TO: Regional Council Members
(Tar-Pamlico, Chowan, Roanoke, Pasquotank river basins)

FROM: Joan Giordano & Guy Stefanski *Joan & Guy*

SUBJECT: Biographies

As we discussed at our recently held Regional Council meetings, please take the time to compose a brief summary of your background relative to your Regional Council involvement. These should be submitted to either:

Joan Giordano
DENR-DWQ
943 Washington Square Mall
Washington, NC 27889
FAX: 919-975-3716
E-mail: n1ew484@waro.ehnr.state.nc.us

Guy Stefanski
DENR-DWQ
P.O. Box 29535
Raleigh, NC 27626-0535
FAX: 919-715-5637
E-mail: guy@dem.ehnr.state.nc.us

These biographies need not be lengthy, a paragraph or two will do. We will then distribute them within each of your respective Councils to aid in the nominating process for Council officers.

Your attention to this matter, by **December 8th**, will be most appreciated as we are attempting to have slates of officer nominees in place for the next round of Council meetings scheduled for January and early February.

Thank you in advance for your cooperation. Should you have questions, please do not hesitate to phone Joan (919) 946-6481, ext. 269 or Guy (919) 733-5083, ext. 585. We look forward to hearing from you soon.

Koanoke

"The Forest Management Experts"



Timberlands Unlimited, Inc.

Box 650, Windsor, N.C. 27983

David L. Jennette, Jr.
President & Timberlands Manager
Timberlands Unlimited, Inc.

Professional Experience: Thirteen years in the appraisal arena and as a consulting forester specializing in land/timber sales, appraisals, inventories, silviculture and land management activities.

Educational Qualifications:

- BS, Forest Management, NC State University, 1984
- NC Registered Forester (#638)
- NC State Certified General Real Estate Appraiser (#A2845)
- NC Real Estate Broker (#139747)
- NC Pesticide Applicator/Consultant (#7109/1133)

Business/Professional Affiliations:

Forestry: American Forestry Association
Society of American Foresters
NC Society of Consulting Foresters
NC Forestry Association
numerous wildlife associations

Real Estate: The Appraisal Institute Publications

Military: Seventeen years of service with the NC Army National Guard. Current rank is Lieutenant Colonel. Current assignment is Battalion Commander, 1st Battalion (Mechanized) 119th Infantry, Ahoskie, NC. Graduate in 1992 of the Command General Staff College, US Army, Ft. Leavenworth, KS.

Community: Scoutmaster, Boy Scout Troop #104
Member, Windsor Area Chamber of Commerce
Member, Windsor Rotary Club
Member, Windsor Planning Board

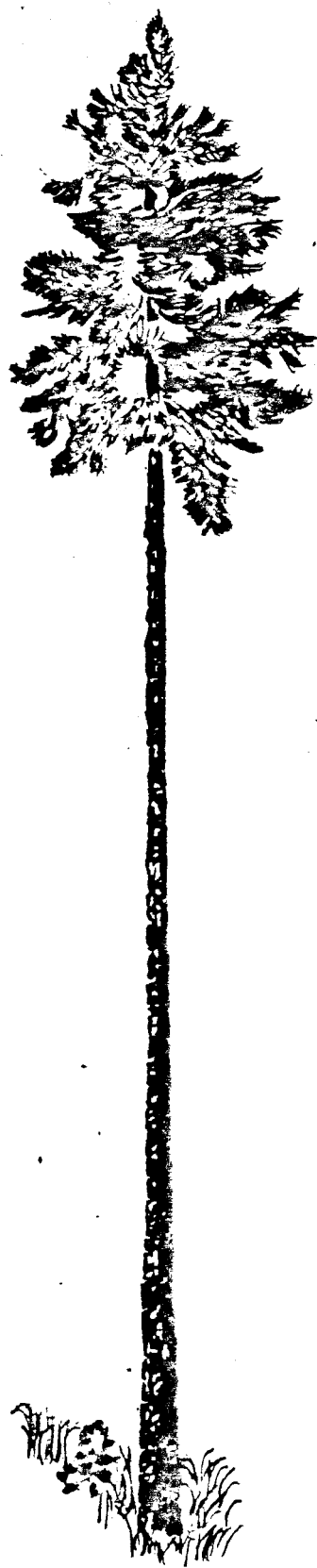
Specializing In:
Forest Management Services
Timber Sales
Appraisals and Inventories
Silvicultural Services
Real Estate

David L. Jennette, Jr.

1 Dec 97

Telephone: Office: (919) 794-3642
Night: (919) 794-4758
Fax: (919) 794-2829

David L. Jennette, Jr.
President Timberlands Manager
Registered Forester





P.O. Box ¹⁸³³~~1567~~ • Roanoke Rapids, NC 27870

December 2, 1997

Joan Giordano
DENR-DWQ
943 Washington Sq. Mall
Washington, NC 27889

Re: Biographies

Dear Joan;

Since the late 1950's I have been involved with recreational fishing from the Roanoke River to the Albemarle Sound and on into the Atlantic for everything from bluegills to blue marlin. I have seen first hand many of our fisheries go through ups and downs both man made and purely cyclical. In my mind I truly feel that we have reached a point in time that will define us - good or bad - based on the stewardship decisions we make in the coming months.

As the chairman of the Roanoke Valley Striped Bass Coalition it has been my privilege to spend time with many of today's truly great sportsman such as George Reiger, Lefty Kreh, and many others to numerous to name. Times spent picking the minds of these people have left me with a far greater respect for our natural resources than even I had before. It has also led me to believe that to expose someone to a resource is much better than to tell them about it or show them volumes of statistical data. By experiencing a river or sound or forest one becomes a part of it so quickly that even the most jaded politician or lobbyist changes ever so slightly for the better.

C. H. Laughridge, III
Age 44
Married with one daughter, age 10
President, Coastal Benefits Group, Inc.
N.C. Wildlife Federation, Sportsman of the year 1996
D. U. Sponsor
1989 Tarheel Retriever Club President
NC/VA Hunt Club Member

Sincerely,

Charles Laughridge, III

CHL,III/jmd

Jerry L. Holloman
Refuge Manager
Roanoke River National Wildlife Refuge

Background

BS-Wildlife Science (minor in Fishery Science), MS-Animal Ecology from North Carolina State University in 1965 & 1967, respectively.

After working one summer (1961) as a fishery aid, Neuse River Survey, with North Carolina Wildlife Resources Commission, began career with U.S. Fish and Wildlife Service, as a Student Trainee at Back Bay National Wildlife Refuge, in the Refuge Manager series in 1962. Student Trainee, Assistant Refuge Manager and Manager jobs have involved 10 stations and seven southeastern states. During the last thirty-five years worked on Back Bay in Virginia; Currituck and Albemarle Sounds, Roanoke, Neuse and Pee Dee Rivers in North Carolina; the Santee River and Lake Marion in South Carolina; the Oakmulgie River in Georgia; the Apalachicola River and Apalachicola Bay in Florida; the Tombigbee River in Alabama; and the Noxubee River in Mississippi.

State of North Carolina
Department of Environment
and Natural Resources
Division of Water Quality

James B. Hunt, Jr., Governor
Wayne McDevitt, Secretary
A. Preston Howard, Jr., P.E., Director



DEC - 1 337

November 24, 1997

MEMORANDUM

ROUTING

RM _____ WB _____
ARM _____ OA _____
F&WB _____

TO: Regional Council Members
(Tar-Pamlico, Chowan, Roanoke, Pasquotank river basins)

FROM: Joan Giordano & Guy Stefanski *Joan: Guy*

SUBJECT: Biographies

As we discussed at our recently held Regional Council meetings, please take the time to compose a brief summary of your background relative to your Regional Council involvement. These should be submitted to either:

Joan Giordano
DENR-DWQ
943 Washington Square Mall
Washington, NC 27889
FAX: 919-975-3716
E-mail: n1ew484@waro.ehnr.state.nc.us

Guy Stefanski
DENR-DWQ
P.O. Box 29535
Raleigh, NC 27626-0535
FAX: 919-715-5637
E-mail: guy@dem.ehnr.state.nc.us

These biographies need not be lengthy, a paragraph or two will do. We will then distribute them within each of your respective Councils to aid in the nominating process for Council officers.

Your attention to this matter, **by December 8th**, will be most appreciated as we are attempting to have slates of officer nominees in place for the next round of Council meetings scheduled for January and early February.

Thank you in advance for your cooperation. Should you have questions, please do not hesitate to phone Joan (919) 946-6481, ext. 269 or Guy (919) 733-5083, ext. 585. We look forward to hearing from you soon.

Mary P. Lilley
Executive Director,
Martin County Economic Development Corporation

Mary Lilley has been actively involved in activities surrounding the Roanoke River Basin since taking the job of Economic Developer in Martin County in 1981. Specifically, she has given testimony to Governor Martin and various state and federal agencies on the following issues:

- establishment of the Roanoke River National Wildlife Refuge,
- construction and permitting of the Virginia Beach Water Withdrawal project,
- permitting of the hydro-electric dams on Lake Gaston and Roanoke Rapids Lake, and
- the concept of the Albemarle-Pamlico Estuarine Study.

She has spearheaded efforts by her county to build a working relationship with the Corps of Engineers on water release issues. She worked initially to help form the Roanoke River Partners. As the Tourism Advisory Board Chairman for the North Carolina's Northeast Economic Development Partnership, Mrs. Lilley works to establish eco-tourism initiatives within the entire northeast region – emphasizing activities such as the canoe trails along the Roanoke.

Married to a farmer, supporter of economic prosperity, and lover of the Roanoke River, Mary Lilley is very supportive of efforts to find a partnership between environmental and economic concerns.

MARY PEELE LILLEY

Home:

300 Cedar Lane
Williamston, NC 27892
(919) 792-6128

Office:

Martin County Economic
Development Corporation
Post Office Box 310
Williamston, NC 27892
(919) 792-2044

Education:

1975 - 1979
Duke University, Durham, North Carolina
Bachelor of Arts - History
Associate Program in Canadian Studies
Teaching Certification:
"A" Certificate in North Carolina
History and Social Studies; Secondary Education

Honors:

1979
1976 - 1977
Cum Laude Honors at Graduation
Nomination to the Education Honor Society
Dean's List
Class Honors

Work Experience:

1997 - Present
Executive Director, Martin County Economic Development Corporation. Involved in all aspects of economic, industrial, community, and tourism development. Administrative officer for \$150,000+ annual budget. Responsible for office personnel, reports to Board and County Commissioners, and other administrative duties.

1992 - 1997
Executive Director, Martin County Chamber of Commerce
Involved in all aspects of economic, industrial, community, and tourism development. Administrative officer for \$100,000+ annual budget. Responsible for office personnel and public relations.

1981 - 1992
Executive Director, Martin County Economic Development Commission
Involved in all aspects of economic, industrial, community, and tourism development.

1981
Soils Engineering Technician, Speight and Associates, P.A.
(Williamston, NC)
Field and lab technician; chief soils inspector.

1979 - 1981 Survey Technician, Speight and Associates, P.A. (Tarboro and Williamston, NC)
Field crew member; junior draftsman; senior draftsman.

Professional Associations:

North Carolina Economic Developers Association

Member since 1981
Member, Board of Directors, 1990 - 1993

Eastern North Carolina Development Association

Member since 1981
Member, Board of Directors, 1981 - 1991
Vice Chairman, 1988
Chairman, 1989

Northeastern North Carolina Economic Development Commission

Governor's Commission Appointee, 1993 - Present
Member, Economic Development Advisory Board, 1993 - 1995
Chairman, Travel and Tourism Advisory Board, 1995 - 1997

North Carolina East

Martin County Board Member, 1991 - Present
Chairman, Trade Shows Committee
President, 1997 - 1999

Multi-County Water District

Martin County Appointee, 1996 - Present
Vice President, 1996 - Present

Roanoke River Basin Regional Council

Martin County Appointee, 1997

US Highway 17 Association

Board Secretary, 1997

Chambers of Eastern North Carolina

Member, Membership Directors Committee

Northeastern North Carolina Tomorrow

Member, Board of Directors
Member, Executive Committee, 1982 - 1984, 1988 - 1990
Chairman, Agriculture Committee, 1982 - 1984
Chairman, Business and Industry Committee, 1988 - 1990

North Carolina Rural Service Delivery Area Private Industry Council

Governor's Appointee, 1987

Mideast Resource and Development Council

Member, 1984 - 1992
Vice Chairman, 1989
Chairman, 1990

Mary P. Lilley

Page 3

Mideast Certified Development Corporation

Member, Board of Directors, 1982 - Present

Martin County Inter-Agency Council

Member, 1981 - Present

Chairman, 1988

Williamston Job Service Employer Committee

Martin County Personnel Managers Association

Professional Honors:

Outstanding Chamber of Commerce Executive for Eastern North Carolina,
1995

Presenter for UNC Economic Development Short Course, 1995, 1996

Topic: "Starting and Building an Existing Industries Program"

Community Associations:

Martin County Committee of 100

Member, Board of Directors, 1981 - Present

Secretary \ Treasurer, 1984 - 1993

Martin Community College Foundation

Member, Board of Directors, 1988 - Present

Martin County Strategic Planning Committee Member

Martin Enterprises

Past Member, Board of Directors

Asa Biggs Commission

Chairman, 1982

Martin County Today Steering Committee

Chairman, 1987 and 1989

Martin County Steering Committee for North Carolina 2000

Co-Chairman

Martin County Historical Society

Fort Branch Battlefield Commission

Junior Women's Club of Williamston

Past Member

Macedonia Christian Church

Sunday School Teacher

Member, Adult Choir and Chorale Group

Member, Ambassadors Sunday School Class

CHARLES J. VAUGHAN
ATTORNEY AT LAW

TELEPHONE
OFFICE 919-587-3631
HOME 919-587-3821

P. O. BOX 370
WOODLAND, NORTH CAROLINA 27897

November 14, 1997

Mr. Guy Stefanski
N.C. Department of Environment, Health
and Natural Resources
Division of Water Quality
P.O. Box 29535
Raleigh, NC 27626-0535

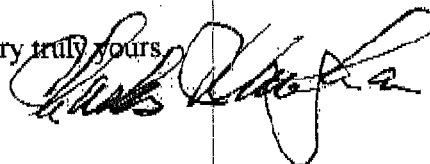
Re: Roanoke River Basin Regional
Council

Dear Guy

I write to confirm in writing the resignation of my membership on the above referenced basin council. As you know, I serve on the Chowan Basin Council, and I believe that my efforts can be better utilized by concentrating on the Chowan Basin.

I will bring this matter to the attention of the Northampton County Board of Commissioners and request that a new member be appointed by them.

Very truly yours,



Charles J. Vaughan

CJV/ach

cc: Mrs. Rose Sumner, Clerk to the Board

Post-it* Fax Note	7671	Date	# of pages ▶
To	Joan Giordano	From	Guy Stefanski
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

North Carolina Department
of
Environment & Natural Resources

WASHINGTON REGIONAL OFFICE
943 WASHINGTON SQUARE MALL
Washington, N. C. 27889

Phone: 919-946-6481 FAX: 919-975-3716

TO: *Laurie Robinson*

FAX NUMBER: *919-535-5767*

FROM: *Joan Giordano*

DATE: *1/7/98*

Number of pages (including cover page): *6*

COMMENTS: *Laurie -
Please fax me your bio so that
I may show it with the rest of the
Regional Council on the 14th. Thanks!*



22 May 1998

**Joan Giordano
Division of Water Quality
Washington, NC
Fax # 252-975-3716**

Ms. Girodono,

Per request from Jerry Holloman, attached are some criteria for the operation of Kerr Reservoir. I could write fifty pages on the criteria, but I have tried to just develop some summary criteria for your information.

I look forward to meeting you and the others on our meeting in Rich Square on June 11.

Please feel free to call me if you have any questions at 910-251-4761.

Terry Brown

Total of 4 sheets in fax

Martin County EDC
Post Office Box 310
Williamston, NC 27892
(252) 792-2044
(252) 792-0993 Fax

facsimile transmittal

To: Joan Giordano Fax: ~~919~~ 975-3716

From: Mary Lilley Date: 7-15-98

Re: _____ Pages: _____

CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

Joan:
Sorry this is so late. Please change
this as needed & send to Council members
with mtg. notice.
Thanks!
Mary

**Resolution Requesting
The Initiation of a "216" Study of the Lower Roanoke River**

Whereas, the Roanoke River basin is considered a great natural resource for all the people of North Carolina and the United States, and

Whereas, the Roanoke River Basin Council was established by Executive Order No. 75, as recorded in the North Carolina Register May 1, 1995, to act as a local liason group with all other agencies involved with the Roanoke River, and

Whereas, the Council has been meeting regularly to establish local priorities for the river basin and has reported these priorities to the State-wide Coordinating Council, and

Whereas, the Council has identified water flow issues as the primary concern for the lower Roanoke River basin, and

Whereas, the last comprehensive environmental study of the entire Roanoke River basin was conducted in the mid-1970's, and

Whereas, dramatic shifts in river flows in recent times are adversely affecting the flora, fauna, and people of the lower Roanoke River basin,

Now, Therefore, Be It Resolved that the Roanoke River Basin Council supports the US Corps of Engineer's proposed "216 Study" of the lower Roanoke River Basin, asking that Congress appropriate funds in a timely manner so that this Study may be undertaken swiftly, and

Be It Further Resolved that the Roanoke River Basin Council further recommends that the proposed "216 Study" be expanded to encompass the entire Roanoke River basin.

Approved this the _____ day of _____, 1998.

From: r4rw_nc.roa@mail.fws.gov
Date: Wed, 16 Sep 98 14:28:08 -0700
To: <cbg@coastalnet.com>, <guy_stefanski@h2o.enr.state.nc.us>, <joan_giordano@waro.enr.state.nc.us>
Subject: RRBC Sept. 23, 1998 Meeting

Regretfully, I will be unable to attend the September 23, 1998, RRBC meeting in Plymouth, NC. I have a training commitment in West Virginia that cannot be altered. I realize that we are at a pivotal juncture and wish I could participate and contribute.

Even though I continue to believe that the Chair should normally be filled with someone other than public servants, I will not oppose any suggestion that I complete a stint as Chair or Vice-Chair. As a refuge manager directing activities on 12,000 acres of public land in the Hamilton-Williamsburg area, I have been very involved with NCP's efforts to relicense their upriver hydropower facilities. The Federal Energy Regulatory Commission will relicense the facilities in 2001. That process involves some controversy related to the alternatives that the Fish and Wildlife Service insist be explored or assessed. If the RRBC considers me for any officer capacity, all voting members should be aware of the controversy that the Roanoke Rapids News Herald and the Henderson Daily Dispatch headlines generated the first week of September.

Since flow, especially of the magnitude to flood the river's considerable down-river floodplain during the growing season, has demonstrated potential to drastically impact water quality, I plan to share a few hydrographs with you. I believe this public record will prove interesting and, at a minimum, demonstrate the magnitude of part of the Roanoke River's problem or witness that defacto hydropower flows, if not appropriately managed, can contribute heavily to diminished water quality in the lower Roanoke River.

By way of this e-mail, I authorize Chuck Laughridge to exercise my proxy as he sees fit. I wish you all a successful meeting.

//s//Jerry L. Holloman



Roanoke River
National Wildlife Refuge
P.O. Box 430 - 204 S. Queen Street
Windsor, North Carolina 27983
Telephone: 252/794-5326
Fax: 252/794-5338



FAX COVER SHEET

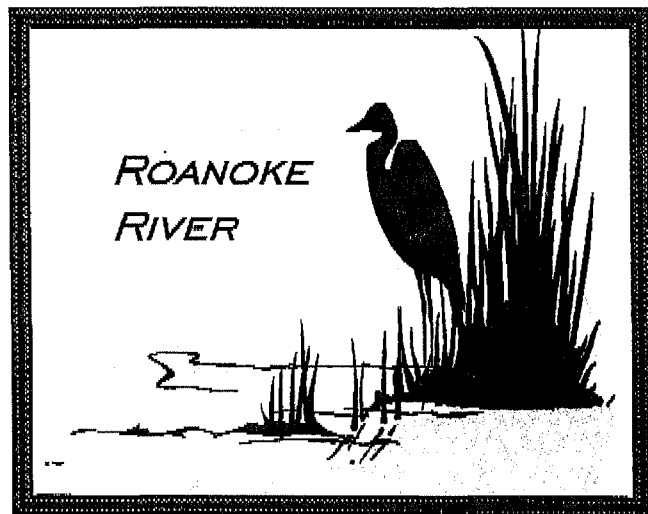
TO: Joan Giordano &
Guy Stefanski

FAX NUMBER: 252-975-3716
919-715-5637

DATE: 14 OCT 98

NO. PAGES: 1
(excluding cover page)

FROM: Jerry Holloman



National Wildlife Refuge

Please Acknowledge Receipt _____

Joan & Guy, this one page report has been developed for tomorrow's meeting. Please give feedback; i.e., am I on the right track, should I be prepared to hand this out to participants, etc. Thanks.

Jerry

*pls her to make
Chg indicated &
make 30 copies*



COORDINATING COUNCIL MEETING

To briefly review, the Roanoke River Basin Regional Council (RRBRC) identified three areas of concern: flow regulation; water quality; and stewardship. With the aid of a facilitator, the RRBRC set its agenda for the 24 month period that began April 1998. The RRBRC will (1) attempt to fully understand the relationship between Virginia Electric Power Company (VPCO) or North Carolina Power (NCP) when operating in North Carolina and the U.S. Army Corps of Engineers (COE) in regards to river flow regulation and (2) plan and implement a precision farming demonstration project. We have since had one scheduled meeting involving NCP and COEs representatives and began to get into the flow regulation issue. Flow regulation is a major concern because it many times has a direct impact on water quality, especially during the growing season or warm months. We learned about various criteria used in daily or normal and flood operations of Kerr Dam. Some are: Weekly minimum Southeastern Power Administration hydropower contracts with VPCO and Carolina Power & Light; COE memorandums with VPCO on flood control operations at Roanoke Rapids Dam (COE calls the shots during flood events); During a flood, the flood release control point is Roanoke Rapids Dam, not Kerr Dam per se (main point is to get flood waters out of the three dam system of Kerr, Gaston and Roanoke Rapids); and Operations at VPCO control how generation at Kerr Dam takes place, regardless of intended schedule (allows for more or less peak power demand to be accounted for).

We know that flow, especially of the magnitude to flood the river's considerable down-river floodplain during the growing season, has demonstrated potential to drastically impact water quality. Hydropower flows appear to have contributed to late spring floodplain flooding in 1998. The public record is interesting and, at a minimum, demonstrates the magnitude of part of the Roanoke River's problem or witnesses that, at least defacto hydropower flows, if not appropriately managed, can contribute heavily to diminished water quality in the lower Roanoke River.

Program
Subsequent to our Progress of Work meeting, resignation of key council members, forestry and agri-business, and information regarding the existence of precision farming project(s) in the Roanoke River Basin (one in Warrenton) has caused our council to reconsider its planned precision farming project and revisit its Program of Work. We will probably revise our Program of Work after we understand the Request for Projects Criteria.

Our Council is 12 members short; only has eight active members. Vacancies involve county, municipal and interest group representatives (environmental science, agriculture, tourism and recreational fishing). I, Jerry Holloman (FWS), and Jerry Coker (Weyerhaeuser) have recently been elected Chair and Vice-Chair, respectively.

We are finalizing a resolution supporting Congressional funding of a 216 Study to be conducted by the COE. The 216 Study of the entire Roanoke River Basin, according to a Federal Power Act, is required if flow regulation changes are proposed. We are also working on a draft resolution to be transmitted to the Federal Energy Regulatory Commission requesting that a new minimum flow of not less than 2,000 cfs be established.

Overheads (hydrographs on internet from USGS)
(http://www.nc.usgs.gov/rt-cgi/gen_stn_pg?station=02080500)



Roanoke River National Wildlife Refuge

P.O. Box 430 - 204 S. Queen Street
Windsor, North Carolina 27983
Telephone: 919/794-5326
Fax: 919/794-5338



FAX COVER SHEET

** Nick Bradley (Rec.)
Ch. Colerain DC Sports*

*Northampton Co. Local Gov.
Billy Colby (Farm Bureau)
Jackson DC Mayor
? Should the Council have
any input on
nominus?*

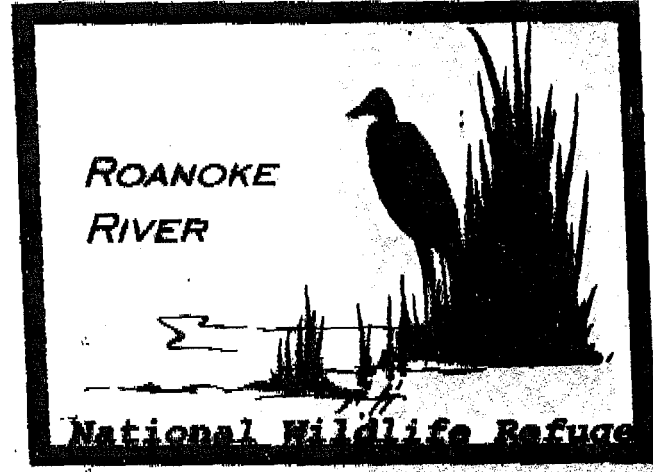
TO: DSNR (PIC)

FAX NUMBER (252) 975-3716

DATE: 12/11/98

NO. PAGES: 8
(excluding cover page)

FROM: [Signature]



Please Acknowledge Receipt _____

*Tom, I'll draft a letter, for attachments from your
agency - Ed order No. 75 and RRRC By Laws -
and for reply to Mr. Mc Sweeney.*

*Please see my recent transmitted letter to everyone on
the following mailing list.*

*I assume you will copy other ^{Current} RRRC members with this
information - if I'm suppose to handle - let me know
also - please consider the following two individuals* re: new
members suggested by RRRC member [unclear]*

FILE COPYTHIS LETTER WAS SENT
TO THOSE SHOWN ON THE
ATTACHED LIST 11-30-98**United States Department of the Interior****FISH AND WILDLIFE SERVICE**
Roanoke River National Wildlife Refuge
P.O. Box 430/204 S. Queen Street
Windsor, North Carolina 27983
252-794-5326/R4RW_NC.ROA@FWS.GOV

November 20, 1998

FIELD(1)FIELD(2)FIELD(3)Dear FIELD(4):

The Roanoke River Basin Regional Council (Council) early in its deliberations determined that Roanoke River flow, quantity and quality, was its highest priority. During the Council's subsequent meetings the members learned that any proposals to modify managed flows designed to enhance downstream fish and wildlife habitat and water quality would have to be assessed by the U.S. Army Corps of Engineers. The Council was also informed that the Federal Power Act stipulated that prior to implementation of managed flow changes a basin-wide study to determine potential effects in the entire river system would be required and that such a study (Section 216) would require a special Congressional appropriation.

The Council, in its advisory capacity strongly recommends a 216 Study. Please lend your support to the attached Council Resolution.

Sincerely,

Jerry L. Holloman, Chair
Roanoke River Basin Regional Council

Attachment

RESOLUTION REQUESTING
The Initiation of a "216" Study of the Lower Roanoke River

WHEREAS, the Roanoke River basin is considered a great natural resource for all the people of North Carolina and the United States, and

WHEREAS, the Roanoke River Basin Regional Council was established by Executive Order #75, as recorded in the North Carolina Register, May 1, 1995, to act as a local liaison group with all other agencies involved with the Roanoke River, and

WHEREAS, the Council has been meeting regularly to establish local priorities for the river basin and has reported these priorities to the Albemarle-Pamlico Sounds National Estuary Program Coordinating Council, and

WHEREAS, the Council has identified water flow issues as the primary concern for the lower Roanoke River basin, and

WHEREAS, the last comprehensive environmental study of the entire Roanoke River basin was conducted in the mid-1970s, and

WHEREAS, dramatic shifts in river flow, in recent times, are adversely affecting the flora, fauna, and people of the lower Roanoke River basin,

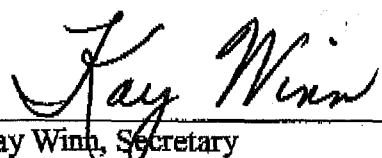
NOW, THEREFORE, BE IT RESOLVED that the Roanoke River Basin Regional Council supports the US Corps of Engineer's proposed "216 Study" of the lower Roanoke River basin, asking that Congress appropriate funds in a timely manner so that this Study may be undertaken swiftly, and

BE IT FURTHER RESOLVED that the Roanoke River Basin Regional Council further recommends that the proposed "216 Study" be expanded to encompass the entire Roanoke River basin.

Approved this the 23rd day of September, 1998.


Jerry Holloman, Chairman

Roanoke River Basin Regional Council


Kay Winn, Secretary

Roanoke River Basin Regional Council

Senator Lauch Faircloth
Federal Building
310 New Bern Avenue
Suite 120
Raleigh, NC 27601

Senator Jesse Helms
314 Century Post Office Building
P.O. Box 2888
Raleigh, NC 27602

Representative Eva Clayton
U.S. Representative First District
400 W. 5th Street
Suite 106
Greenville, NC 27834

Representative Bob Etheridge
U.S. Representative Second District
P.O. Box 1258
Lillington, NC 27546

The Honorable Frank W. Ballance Jr.
North Carolina Senate
P.O. Box 616
Warrenton, NC 27589

Representative Thomas C. Hardaway
North Carolina House of Representatives
P.O. Box 155
Enfield, NC 27823

Representative Eugene R. Rogers
North Carolina House of Representatives
908 Woodlawn Drive
Williamston, NC 27892

Honorable W. Con Proctor, Jr.
Mayor
P.O. Box 222
Halifax, NC 27839-0222

Honorable D. G. Matthews, III.
Mayor
P.O. Box 249
Hampilton, NC 27840-0249

Honorable William B. Cooley
Mayor
P.O. Box 614
Jackson, NC 27845-0614

Honorable Jim T. Harrell
Mayor
P.O. Box 97
Kelford, NC 27847-0097

Honorable B. Mason Hawfield
Mayor
P.O. Box 87
Littleton, NC 27850-0087

Honorable Charles Myers
Mayor
P.O. Box 336
Rich Square, NC 27869-0336

Honorable Gary T. Johnson
Mayor
P.O. Box 37
Roxobel, NC 27872-0037

Honorable George W. Draper
Mayor
P.O. Box 551
Weldon, NC 27890-0551

Mr. Charles B. Archer
Halifax County Manager
112 Steeplechase Run
Roanoke Rapids, NC 27870

Mr. Jack Williford
Bertie County Manager
P.O. Box 530
Windsor, NC 27983

Mr. William E. Daniels
Northampton County Manager
P.O. Box 808
Jackson, NC 27845

Mr. Donnie Pittman
Martin County Manager
P.O. Box 668
Williamston, NC 27892

Mr. Jerry Ayscue
Vance County Manager
Courthouse
122 Young Street
Henderson, NC 27536

Ms. Loria Williams
Warren County Manager
Box 619
Warrenton, NC 27589

Mr. William L. Smith
Washington County Manager
Courthouse
Box 1007
Plymouth, NC 27962

Mr. Don Christopher
City Manager
P.O. Box 506
Williamston, NC 27892

Mr. Mark D. Myers
Town Manager
P.O. Box 806
Plymouth, NC 27962

Mr. Rick Benton
City Manager
P.O. Box 38
Roanoke Rapids, NC 27870

Mr. David Overton
Town Administrator
P.O. Box 508
Windsor, NC 27983

Mr. Terry Brown
U.S. Army Corps of Engineers
P.O. Box 1890
Wilmington, NC 28402-1890

Mr. Ken Baker
Virginia Power Company
Innsbrook Technical Center
5000 Dominion Blvd.
Glen Allen, VA 23060

Mr. Sam Pearsall
The Nature Conservancy
N.C. Chapter
4011 University Dr.
Suite 201
Durham, NC 27707

Mr. Wayne McDevitt
Secretary
N.C. Dept. Of Environment, Health
& Natural Resources
P.O. Box 27687
Raleigh, NC 27611-7697

Mr. J. Timothy Pegram, Chairman
Vance County Board of Commissioners
122 Young St.
Suite B
Henderson, NC 27536

Mr. Harry M. Williams, III, Vice Chairman
Warren County Board of Commissioners
Rt. 3, Box 92-A
Warrenton, NC 27589

Mr. Howard Davenport, Chairman
Washington County Board of Commissioners
Box 1007
Courthouse
Plymouth, NC 27962

Mr. Henry Moncure, Chairman
North Hampton County Board of County
Commissioners
P.O. Drawer E
Gaston, NC 27832

Mr. J.H. Dixon, Chairman
Martin County Board of County Commissioners
P.O. Box 408
Robersonville, NC 27871

Mr. John J. Bazemore, Chairman
Bertie County Board of County Commissioners
2226 Governors Road
Windsor, NC 27983

McSWEENEY, BURTCR & CRUMP

A PROFESSIONAL CORPORATION

ATTORNEYS AT LAW

P.O. Box 1463

RICHMOND, VIRGINIA 23218

TELEPHONE (804) 783-6800

TELEFAX (804) 782-2130

JOHN L. MARSHALL, JR.
DAVID J. WALTON
DONALD F. LYNCH, III

11 SOUTH TWELFTH STREET
RICHMOND, VIRGINIA 23219

DIRECT DIAL NUMBER:

(804) 783-6802

PATRICK M. McSWEENEY
JACK W. BURTCR, JR.
BEVERLEY L. CRUMP
WILLIAM B. ELLIS
RICHARD K. BENNETT
M. BRUCE STOKES
DAVID R. RUBY
BETTY S. W. GRAUMLICH
KAREN S. ELLIOTT
THAMER E. TEMPLE III

December 2, 1998

Mr. Jerry L. Holloman
Chair
Roanoke River Basin Regional Council
Post Office Box 430
Windsor, North Carolina 27983

Dear Mr. Holloman:

You have written to local governments in the Roanoke River basin requesting that they adopt a resolution requesting a 216 Study of the lower Roanoke River. Apparently, none of these local governments was aware that your council exists, and would like to know more about the proposed study.

The Roanoke River Basin Association has been attempting for several years, with the aid of U.S. Representative Virgil Goode of Virginia's 5th Congressional District, to win support for a basinwide 216 Study. Almost two years ago, we discussed the prospect for such a study with the Wilmington District of the Corps of Engineers, but met resistance from some government officials in Raleigh. We continue to support the notion of a comprehensive study.

I would appreciate receiving a copy of Executive Order No. 75, which you indicated was recorded in the North Carolina Register, dated May 1, 1995, and learning more about the Roanoke River Basin Regional Council. After we have reviewed the background materials, we will be in a position to advise the local governments which are members of the Roanoke River Basin Association.

Very truly yours,


Patrick M. McSweeney

PMM:ntm

DEC -8 1998

- cc: The Honorable Virgil Goode
- Mr. Hal Sharpe
- Ms. Nancy Wilson
- Mr. John Field
- Alan Hirsch, Esquire
- Mr. Glenn Giles

ROUTING

RM WB

ARM OA

F&WB DENR (PIC)

TOWN OF LITTLETON
P.O. BOX 87
LITTLETON, NORTH CAROLINA
27850
TELEPHONE (919) 586-3413

DEC -9 1998

ROUTING
RM _____ WB _____
ARM _____ OA _____
FQWB _____ DEAR/PIC

December 8, 1998

United States Department of the Interior
Fish and Wildlife Service
Roanoke River National Wildlife Refuge
Box 430
Windsor, North Carolina 27983

Gentlemen:

The Board of Commissioners of the Town of Littleton, North Carolina voted at their meeting held on Monday December 7, 1998 to support a resolution adopted by the Roanoke River Basin Regional Council in support of the proposed "216 Study" of the lower Roanoke River basin by the US Corps of Engineer's.

The Board of Commissioner of the Town of Littleton would like to make it clear that they do not support the part the Army Corps of Engineer's played in the withdrawal of water for the City of Virginia Beach from Lake Gaston. The effect of this withdrawal will hurt the Roanoke River Basin for generations to come.

Sincerely,

B. Mason Hawfield

B. Mason Hawfield, Mayor

BMH/

Enclosure

Roanoke River Basin Regional Council
North Carolina Division of Water Quality
P.O. Box 29535
Raleigh, North Carolina 27626-0535

December 22, 1998

Patrick M. McSweeney
McSweeney, Burtch & Crump
Attorneys at Law
P.O. Box 1463
Richmond, Virginia 23218

Dear Mr. McSweeney:

As you requested in your December 2, 1998, letter, please see copies of Executive Order No. 75, as recorded in the North Carolina Register, dated May 1, 1995, and Executive Order No. 118 signed September 15, 1997. The Roanoke River Basin Regional Council (RRBRC) was created by Executive Order No. 75 (as amended) of the Governor of North Carolina, James B. Hunt, Jr. The RRBRC is administered through the NC Department of Environment and Natural Resources (NCDENR), Division of Water Quality (DWQ), Water Quality Section. The principal mailing address of the RRBRC is: NC Division of Water Quality, P.O. Box 29535, Raleigh, North Carolina 27626-0535.

The primary purpose of the RRBRC shall be to:

- A. provide guidance and recommendations to the NCDENR on environmental issues pertaining to the Roanoke River watershed;
- B. promote public awareness and understanding of the environmental issues concerning the Roanoke River watershed;
- C. provide input to DWQ in the development (and periodic updating) of the Roanoke River Basinwide Management Plan (Roanoke River Basin Plan) and other environmental management strategies as they concern the Roanoke River watershed;
- D. provide input to the Environmental Management Commission (EMC), units of local government, and others regarding environmental issues and management strategy recommendations;
- E. perform liaison function between the NCDENR, local government, and stakeholders/organizations represented by the RRBRC members.

Specifically, the RRBRC shall:

- A. make recommendations to local, state, and federal regulatory authorities on how to maintain and improve water quality and other environmental resources in their individual river basins. The RRBRC will set their own priorities and develop a plan of work which will address those

priorities. The RRBRC shall also advise the public and affected stakeholders of actions and information relevant to environmental management in the basin. The RRBRC shall have no authority other than as an advisory body;

- B. disseminate information about the RRBRC, interpret and communicate the goals and strategies of the Albemarle-Pamlico Estuarine Study's Comprehensive Conservation and Management Plan (CCMP), Governor Hunt's Coastal Agenda, and DWQ's basinwide management plans to the public and to interest groups, and advise the RRBRC of reaction and comments;
- C. provide input to the NCDENR, EMC and others in implementing the goals of the CCMP, Coastal Agenda and Roanoke Basin Plan and in defining environmental indicators to help monitor progress in implementing these plans;
- D. track and monitor local, state and federal actions to assess their contribution in achieving the goals set forth in the CCMP, Coastal Agenda, and DWQ Roanoke Basin Plan(s);
- E. identify opportunities and mechanisms to involve the public in implementing the CCMP, Coastal Agenda and DWQ Roanoke Basin Plan(s)
- F. communicate with decision makers and other authorities about implementation needs and assist in shaping priorities;
- G. act as advocated for securing adequate funding for the implementation of plan goals and objectives.

Since the September 25, 1997, "kick-off" meeting, the RRBRC has determined that river flow, water quality and stewardship issues were its main concerns. We determined that we would become knowledgeable regarding the role of the US Army Corps of Engineers and others in river flow management.

The official position of the RRBRC on any issues or topics are adopted by resolution. In your December 2, 1998, letter you indicated that the Roanoke River Basin Association (Association) continued to support the notion of a comprehensive study. I have attached a copy of the Section 216 RRBRC Resolution. Please consider not only supporting the notion of but also supporting the resolution and indicating such by return letter to the above address. The Association's letter of support will be further documentation of the level of desire for a basinwide study. Please copy the RRBRC Chair, P.O. Box 430, Windsor, NC 27983. We are looking forward to the Association's favorable response.

Sincerely,

Jerry L. Holloman, Chair
Roanoke River Basin Regional Council

Attachments

cc:

NCDENR, DWQ, Washington, NC



BERTIE COUNTY ADMINISTRATIVE BUILDING

POST OFFICE BOX 530
WINDSOR, NORTH CAROLINA 27983
(919) 794-5300
FAX: (919) 794-5327

BOARD OF COUNTY COMMISSIONERS
J. JASPER BAZEMORE, Chairman
ELBERT R. BRYANT, Vice-Chairman
WILLIAM L. BERRY
CHARLES H. EDWARDS
PATRICIA D. FERGUSON
ADMINISTRATIVE STAFF
JACK A. WILLIFORD, County Manager
WENDELL M. DAVIS, Deputy Manager
Clerk to the Board
TONI B. LEDFORD, Administrative Assistant

January 4, 1999

To: Mr. Preston Howard
Director of the North Carolina Division of Water Quality
NC Division of Water Quality
PO Box 29535
Raleigh NC, 27626-0535

Dear Mr. Howard,

This memorandum is a letter of support on behalf of the Bertie County Board of Commissioners for the 216 Study of the Lower Roanoke River. The following resolution was presented to the Bertie Board of County Commissioners on December 7th, 1998 for consideration. Commissioner Bryant made a motion to endorse the Resolution requesting the Initiation of a 216 Study of the Lower Roanoke River. The motion was seconded by Commissioner Ferguson. The motion passed unanimously.

RESOLUTION REQUESTING The Initiation of a "216" Study of the Lower Roanoke River

WHEREAS, the Roanoke River basin is considered a great natural resource for all the people of North Carolina and the United States, and

WHEREAS, the Roanoke River Basin Regional Council was established by Executive Order #75, as recorded in the North Carolina Register, May 1, 1995, to act as a local liaison group with all other agencies involved with the Roanoke River, and

WHEREAS, the Council has been meeting regularly to establish local priorities for the river basin and has reported these priorities to the Albemarle-Pamlico Sounds National Estuary Program Coordinating Council, and

WHEREAS, the Council has identified water flow issues as the primary concern for the lower Roanoke River basin, and

WHEREAS, the last comprehensive environmental study of the entire Roanoke River basin was conducted in the mid-1970s, and

WHEREAS, dramatic shifts in river flow, in recent times, are adversely affecting the flora, fauna, and people of the lower Roanoke River basin,

NOW, THEREFORE, BE IT RESOLVED that the Roanoke River Basin Regional Council supports the US Corps of Engineer's proposed "216 Study" of the lower Roanoke River basin, asking that Congress appropriate funds in a timely manner so that this Study may be undertaken swiftly, and

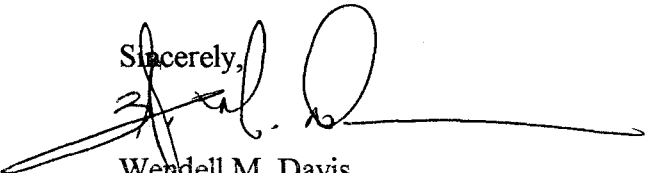
BE IT FURTHER RESOLVED that the Roanoke River Basin Regional Council further recommends that the proposed "216 Study" be expanded to encompass the entire Roanoke River basin.

Approved this the 23rd day of September, 1998.

Jerry Holloman, Chairman
Roanoke River Basin Regional Council
Regional Council

Kay Winn, Secretary
Roanoke River Basin

Sincerely,



Wendell M. Davis
Deputy County Manager
Clerk to the Board

cc: Senator Marc Basnight
Jerry Holloman, Roanoke River Regional Council Chair
Congresswoman Eva Clayton
Senator Jesse Helms
Senator John Edwards
Joan Giordano, Public Involvement Coordinator, NCDNR



Roanoke River National Wildlife Refuge

P.O. Box 430 - 204 S. Queen Street
Windsor, North Carolina 27983
Telephone: 919/794-5326
Fax: 919/794-5338



FAX COVER SHEET

TO: DE NR Don Giordano / PIC

FAX NUMBER: 252-975-3716

DATE: Jan 4, 1999

NO. PAGES: 1
(excluding cover page)

FROM: RRBRC Chair



Please Acknowledge Receipt _____

~~Don~~ Not knowing the subject of the speaker to be secured by Bruce Parkinson was somewhat of a disadvantage when drafting the agenda. If Mr Parkinson has any trouble securing a speaker we can go with only Kevin Moody / RRBRC relieving status. For now I have slotted 30 mins. each - Parkinson's speaker & Kevin Moody. That might be cutting the schedule to fine. Your thoughts? I also assumed you may would address efforts to fill Council vacancies.



Roanoke River
National Wildlife Refuge
P.O. Box 430 - 204 S. Queen Street
Windsor, North Carolina 27983
Telephone: 252/794-5326
Fax: 252/794-5338



FAX COVER SHEET

TO: Joan Giordano

FAX NUMBER: 252-975-3716

DATE: 7 JAN 99

NO. PAGES: 1

(excluding cover page)

FROM: Jerry Holloman/sej

Please Acknowledge Receipt _____



Joan, FYI as discussed!

ROANOKE RIVER BASIN REGIONAL COUNCIL

01/13/99

For Your Information

There are two key federal management agencies involved with flows on the Roanoke River:

- 1.) United States Army Corps of Engineers (Corps) manages Philpott and Kerr reservoirs

Relevant Statutory Authorities /Responsibilities:

{organic legislation?}

Water Resources Development Act

National Environmental Policy Act

- 1.) Federal energy Regulatory Commission (FERC) regulates Virginia Power's Roanoke Rapids and Gaston developments

Relevant Statutory Authorities/Responsibilities:

Federal Power Act

National Environmental Policy Act

The National Environmental Policy Act (NEPA) requires public review and input prior to decision-making. It mandates that alternatives be identified, that the environmental impacts of each alternative be evaluated, that all practicable means of avoiding, minimizing, or mitigating adverse impacts be sequentially employed, and that the environment be given equal consideration with economics, social and cultural issues in the decision-making process. NEPA documents are called Environmental Assessments (EA) and Environmental Impact Statements (EIS). These documents provide the information necessary for wise management of the public's resources, and are the vehicle for public participation in the management of its resources.

All Federal agencies, including the Corps and FERC, must comply with NEPA.

The Water Resources Development Act, which is actually a number of spending bills authorized every couple of years, includes a Section 216, which authorized spending for specific studies. If, as the result of a Section 216 study, the Corps proposes to change an ongoing action, such as the operations of a flood control reservoir, the results of the study would be included within a NEPA document. For the Corps, Section 216 studies often form the nucleus of NEPA documents.

The Federal Power Act authorizes the FERC to license private entities to use public trust resources (rivers) for their own gain (it is a long-term national goal to provide electricity to all households and to spur economic development.) The Congress also recognized that society's values and needs would change over time, so FERC licenses have an expiration date. At expiration, a new license may be applied for, but a comprehensive review, including the creation and distribution of NEPA documents, must be completed before a decision is made by the FERC. A new license is not a right, it is, just like the original, a privilege. The water and living resources in rivers are owned by the people, and held in trust for future generations. The purpose and need for usurpation of that public trust resource, including reasonable alternatives, must be thoroughly re-examined periodically (at license expiration.)

Roanoke River Basin Regional Council

01/13/99

For Your Information

There are Two Key Federal Management Agencies Involved with Flows on the Roanoke River

1. United States Army Corps of Engineers (Corps; manages Philpott and Kerr reservoirs)

Relevant Statutory Authorities/Responsibilities:

[organic legislation?]

Water Resources Development Act

National Environmental Policy Act

2. Federal Energy Regulatory Commission (FERC; regulates Virginia Power's Roanoke Rapids and Gaston developments)

Relevant Statutory Authorities/Responsibilities:

Federal Power Act

National Environmental Policy Act

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All Federal agencies, including the Corps and the FERC, must comply with NEPA.

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Northampton County

"A GREAT PLACE TO RAISE FAMILIES, PROFITS AND EXPECTATIONS"

BOARD OF COMMISSIONERS

P. O. BOX 808

JACKSON, N. C. 27845

PHONE (919) 534-2501 • FAX (919) 534-1166

January 8, 1999


Ms Joan Giordano
Water Quality Division
NCDENR
943 Washington Square Mall
Washington NC 27889

Dear Ms Giordano,

The Northampton County Board of Commissioners met in regular session on Monday, January 4, 1999 and passed the attached resolution entitled Resolution Requesting The Initiation Of A "216" Study Of The Lower Roanoke River.

If we can be of any other assistance, please do not hesitate in calling.

Sincerely,



Rose R. Sumner
Clerk to the Board
Northampton Commissioners

enclosure



Roanoke River National Wildlife Refuge

P.O. Box 430 - 204 S. Queen Street
Windsor, North Carolina 27983
Telephone: 919/794-5326
Fax: 919/794-5338



FAX COVER SHEET

TO: DEAR (PIC)
Joan

FAX NUMBER: (252) 975-3716

DATE: 2/11/99

NO. PAGES: 1
(excluding cover page)

FROM: Glenn

Please Acknowledge Receipt



Joan there is a little work - maybe - yet
to be done on the following draft. Therefore
please wait until ~~tomorrow~~ Monday PM
to send to RRBRC Members in the event of
drafting ^{subcommittee} ~~subcommittee~~ wants to make final
adjustments. I'll try to call this PM (2/11)
on tomorrow PM (2/12).

PS - He also sending this draft by e-mail today
this PM - 12:30 PM

DRAFT RESOLUTION

Minimum Flow Management of the lower Roanoke River

WHEREAS, the Roanoke River Basin is considered a great natural resource for all the people of North Carolina and the United States, and

WHEREAS, the Roanoke River Basin Regional Council (Council) has identified river flow issues in the lower Roanoke River Basin as its primary concern and reported that concern to the Albemarle-Pamlico Sounds National Estuary Program Coordinating Council, and

WHEREAS, the Council recognizes that maintaining an adequate range of flows for the lower Roanoke River is vital to maintain a healthy aquatic and riverine environment and

WHEREAS, due to river flows and weather patterns, lower Roanoke River industry has experienced episodes of potential salt water intrusion, and

WHEREAS, at the present time, except during flood events, flows within the upriver by-pass reach are inadequate to provide life requisites for resident and migratory aquatic organisms, and

WHEREAS, the Council also recognizes that towns and industries on the lower Roanoke River require a reliable source of water to protect existing uses and to allow for growth and economic development, and

WHEREAS, the integrity of the bottomland hardwood floodplain ecology is impaired by the managed flow regime, which has implications for international migratory bird management, and

WHEREAS, flood control and hydropower peaking operations destabilize the Roanoke River banks and makes part of the river unsuitable as habitat for native and endemic fish and shellfish and,

WHEREAS, the Council desires to be an advocate for a biologically based range of flows that also enhances fish and wildlife and its habitats, and

NOW, THEREFORE, BE IT RESOLVED that the Roanoke River Basin Regional Council supports the establishment of a range of flows for the lower Roanoke River by the North Carolina Department of Environment and Natural Resources of 2000 cubic feet per second (cfs), or run of river, and further resolve that a portion, to be determined by the State and Federal Fish & Wildlife Agencies, be directed through the by-pass reach below the Roanoke Rapids Lake Dam.

Approved this the _____ day of April 1999

Jerry L. Holloman, Chair
Roanoke River Basin Regional Council

Kay Winn, Secretary
Roanoke River Basin Regional Council

From: r4rw_nc.roa@mail.fws.gov
Date sent: Thu, 11 Feb 1999 12:34:07 -0700
To: <joan_giordano@waro.enr.state.nc.us>
Subject: Roanoke River Basin Regional Council, Draft Resolution

DRAFT RESOLUTION

Minimum Flow Management of the lower Roanoke River

WHEREAS, the Roanoke River Basin is considered a great natural resource for all the people of North Carolina and the United States, and

WHEREAS, the Roanoke River Basin Regional Council (Council) has identified river flow issues in the lower Roanoke River Basin as its primary concern and reported that concern to the Albemarle-Pamlico Sounds National Estuary Program Coordinating Council, and

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Approved this the day of April 1999

Jerry L. Holloman, Chair Kay Winn, Secretary
Roanoke River Basin Regional Council Roanoke River Basin Regional Council

Subject: [1/12/99] Halifax to get big plant

Date: Tue, 12 Jan 1999 08:09:04 -0500 (EST)

From: golions@mindspring.com

To: guy_stefanski@h2o.enr.state.nc.us

Mr. Rocks (golions@mindspring.com) sent you the following article from the News & Observer on the Web (<http://www.news-observer.com>).

This article is protected by copyright and should not be printed or distributed for anything except personal use.

Comments from golions@mindspring.com:

[1/12/99] Halifax to get big plant
By DUDLEY PRICE, Staff Writer
<http://www.news-observer.com/daily/1999/01/12/biz01.html>

For the third time in less than a year, North Carolina's new incentive policy has helped lure a big corporate investment.

Despite a strong bid from Alabama, Chesapeake Corp. has decided to build a paper plant in Halifax County. The plant will initially cost \$160 million and could bring hundreds of jobs to one of the most economically distressed areas of the state.

Chesapeake, based in Richmond, Va., is the nation's third-biggest supplier of paper napkins, place mats and towels to restaurants and other businesses. It plans to build the recycling facility through its Wisconsin Tissue subsidiary.

Besides being the third "big buffalo" company to locate in North Carolina since the state began offering large incentives to industries, Chesapeake is the second to choose an impoverished area, where the incentives are highest.

Last year, Charlotte-based Nucor Corp. decided to build a \$300 million steel plant with 300 high-paying jobs in economically depressed Hertford County after the state offered \$161 million in tax credits and exemptions. Also last year, Federal Express chose Greensboro for a \$300 million sorting hub, which ultimately will have 1,500 employees, after the state offered incentives worth \$115.5 million.

Based on the state's standard incentive package, Chesapeake qualifies for more than \$30 million in tax credits and exemptions over 25 years. The incentives could be several times that if the plant expands.

Company, local and state Department of Commerce officials declined to comment.

But Halifax County has invited local officials to an announcement ceremony Friday.

And Marc Basnight, president pro tem of the state Senate, said he learned several days ago of Chesapeake's decision to locate the plant on 500 acres on the Roanoke River, near the town of Halifax.

"They'll have a big deal at the site," Basnight said of the celebration. "For all of us who live in the rural area and understand its dilemmas, these victories are significant because it saves our youth," said Basnight, who lives in the coastal town of Manteo. "It gives them a place to continue to live and work and allows us to be a productive part of North Carolina.

"There are serious concerns for Eastern North Carolina. Halifax County is one of the losers in bringing in industry. We had to get [the plant], with what is happening to tobacco and hogs."

The Wisconsin Tissue facility initially will have about 155 employees earning more than \$30,000 a year when it opens in 2001. But company executives have said it could have up to 800 employees after it begins full operation in several years, Basnight said.

In 1998, Halifax had a median household income of \$26,430, which ranked 91st among the state's 100 counties. And in November 1998, the county's unemployment rate was 7 percent, more than twice the state's 3.2 percent average.

The state reversed its incentive policy last year under the direction of Gov. Jim Hunt.

Before 1998, the state had relied heavily on worker training programs offered through the community college system to lure companies. That formula worked for decades, but other states began offering similar training programs, plus cash incentives and tax breaks, and North Carolina began losing prospects.

In 1993, the state was outbid by Alabama for a \$300 million Mercedes plant. Two years later, Virginia outbid the state for a \$3 billion Motorola semiconductor plant.

Hunt ordered Commerce Secretary Rick Carlisle to draft an incentive package that could be offered to top prospects willing to invest tens of millions of dollars and offer plenty of jobs. That package was overwhelmingly approved by the legislature last summer.

Under the package offered to Chesapeake Corp., the company will get a 20 percent state tax credit for investments in machinery and equipment, where previously only a 7 percent credit was available. If the company's investment in equipment and machinery increases to \$300 million and 250 jobs are created within four years, the tax credit would rise to 50 percent.

Additionally, the state has kicked in \$2 million from its industrial recruitment fund to defray land acquisition costs.

Basnight said the \$2 million was needed to compete with Alabama's bid. Chesapeake scoured sites across the Southeast for a year, but in recent months narrowed its search to Halifax County and Alabama.

Use of incentives to lure companies has been criticized, but Basnight said that the plant would have gone elsewhere if the package had not been offered.

"We thank these companies, and we thank the incentives," Basnight said. Chesapeake is in the middle of a restructuring. Last month, it said it would cut 250 jobs, about 5 percent of its work force, to slash costs.

Tissue operations made up 75 percent of Chesapeake's profits in the third quarter of 1998. There are Wisconsin Tissue facilities in Arizona, Illinois, Wisconsin, New York and Mexico.

-g plant

In October, Chesapeake said that it would spend \$160 million to \$180 million on a tissue plant in a state in the Southeast and that the finalists were Alabama and North Carolina. The company said that the Southeast is a fast-growing market for commercial and industrial tissue products and that a new facility in the region would improve delivery times to customers.

"This new 100,000-ton, world-class operation in the Southeast will enable us to remove up to 40,000 tons of higher-cost capacity from our system, lowering our overall cost substantially," Thomas H. Johnson, Chesapeake's chief executive officer, said at the time.

Chesapeake also said in October that it wanted a site that had "enough land for further expansion."

Dudley Price can be reached at 829-4525 or dprice@nando.com

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NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

JAN 29 1999



JAMES B. HUNT JR.
GOVERNOR

WAYNE McDEVITT
SECRETARY

Mr. Jerry Holloman, Chair
Roanoke River Basin Regional Council
U.S. Department of the Interior, Fish and Wildlife Service
Roanoke River National Wildlife Refuge
P.O. Box 430/204 S Queen Street
Windsor, North Carolina 27983

Re: Section 216 Study for Roanoke River

Dear Jerry:

Thank you for your letter of November 20, 1998 transmitting a resolution adopted by the Roanoke River Basin Regional Council in support of a Section 216 Study of the Roanoke River to be undertaken by the U.S. Army Corps of Engineers.

As you know the Albemarle-Pamlico Sounds National Estuary Program's Coordinating Council joined the Roanoke Regional Council in endorsing a 216 Study for the Roanoke at its January 15, 1999 meeting in River Bend.

The Department worked with Representatives Price and Clayton and Senator Faircloth last year to authorize and fund a 216 Study. The Department will work with our congressional delegation this year in support of a 216 Study.

The Department greatly appreciates the work of the Roanoke River Basin Regional Council and the other river councils. Please keep us informed about your concerns.

Sincerely,

Wayne McDevitt

cc: Bill Holman
Preston Howard
John Morris

bc: Alan Clark
Guy Stefanski
Joan Giordano

Roanoke River National Wildlife Refuge
P.O. Box 430/204 South Queen Street
Windsor, North Carolina 27983
252-794-5326/R4RW_NC.ROA@FWS.GOV

March 25, 1999

Joan Giordano
252-975-3716 (F)

Jerry Coker
252-514-6615 (F)

Dear Joan & Jerry,

I will be out of town April 16, 1999. That is the one week that I have reserved for myself, my sanity, my time away! Therefore, Jerry, please Chair the April 16, 1999 RRBRC meeting in my absence. Thanks.

Jean Richter, Refuge Biologist, will attend the meeting and have my proxy.

//s//Jerry L. Holloman /sej



DEPARTMENT OF THE ARMY
WILMINGTON DISTRICT, CORPS OF ENGINEERS

P.O. BOX 1890
WILMINGTON, NORTH CAROLINA 28402-1890

IN REPLY REFER TO

March 26, 1999

Planning and Environmental Branch

Mr. Jerry L. Holloman, Chairman
Roanoke River Basin Regional Council
North Carolina Department of Environment
and Natural Resources
Albemarle-Pamlico Sounds National
Estuary Program
Division of Water Quality
943 Washington Square Mall
Washington, North Carolina 27889

Dear Mr. Holloman:

Jerry

We appreciate the letters of support for the John H. Kerr Dam and Reservoir, North Carolina and Virginia 216 study, which addresses impacts of the operation of the dam and reservoir on the downstream ecosystem resources. We agree this study is needed. Congresswoman Eva Clayton has requested and has been provided draft legislation to add this study to the FY2000 budget. We will keep you apprised of any future developments.

If you have any questions regarding this matter, please contact Mr. Ron Fascher at (910) 251-4505.

Sincerely,

A handwritten signature in black ink, appearing to read "Terry R. Youngbluth".

Terry R. Youngbluth
Colonel, U.S. Army
District Engineer

PARTNERSHIP
for the *Sounds*

May 20, 1999

Mr. Guy Stefanski
Albemarle-Pamlico National Estuary Program
Division of Water Quality
Post Office Box 29535
Raleigh, NC 27626-0535

RE: Roanoke River Basinwide Council
Demonstration Project

Dear Guy:

The Partnership for the Sounds is interested in participating in your upcoming demonstration project funding cycle. We have developed a project for the Roanoke River Basinwide Council that involves construction of a working watershed model for the Roanoke and Cashie River basins. This model will be a full-color model that demonstrates the river channel and tributaries of the lower Roanoke River basin, the basin topography, and the water flow issues that plague this area. Since the model will be very large, it will be designed as a permanent outside exhibit to be housed at the Roanoke/Cashie River Center in Windsor.

Such a model will be extremely valuable in teaching individuals unfamiliar with the river basin how the watershed works, and how different variables (such as dams, rainfall, etc.) impact the entire system. The relief model will depict at least the Roanoke Rapids dam, the floodplain, and the high bluffs. We are hopeful that the bottomland hardwood lands, as well as communities, will also be shown.

The Center is a shared location with the Roanoke River National Wildlife Refuge offices, and it is located on the banks of the Cashie River. With the Center being open to the public on a permanent basis (including weekends and throughout the summer), the model will be easily accessible to school children and others visiting the Center and ecotourists accessing the Refuge at this location.

COLUMBIA • WASHINGTON • MATTAMUSKEET • WINDSOR

p.o. box 55 COLUMBIA • NC 27925
PH 919 796 • 1000 FX 919 796 • 0218
PH 919 974 • 1044 (WASHINGTON • NC)

PARTNERSHIP
for the *Sounds*

G. Stefanski
Page 2

Enclosed is a bid from Design Dimension, Inc. indicating that the cost of this project will be approximately \$25,000. We will be happy to present a full presentation to the Council at the appropriate time.

Please let me know if you have any questions. Thank you for your consideration.

Sincerely,

Mary P. Lilley
Mary P. Lilley

/ml

Enclosure

cc: Jerry Holloman
Jerry Cocker

COLUMBIA • WASHINGTON • MATTAMUSKEET • WINDSOR

p.o. box 55 COLUMBIA • NC 27925
PH 919 796 • 1000 FX 919 796 • 0218
PH 919 974 • 1044 (WASHINGTON • NC)



Tom Stroud
Director of Environmental Programs
The Partnership For the Sounds
PO Box 55
Columbia, NC 27925

May 19, 1999

Re: Roanoke River Watershed Model

Hello Tom:

Thank you for considering Design Dimension Inc. to design/fabricate the Roanoke River Watershed Model for the Roanoke/Cashie River Center. As I understand your note, the **scope** of the project is:

- 4' x 10' surface area with exaggerated height.
- Outdoor application.
- Full color.
- Will have a recyclable water source (upstream) and drainage (downstream).
- Include an interactive dam with will constrict the flow of the 'River' and flood appropriate portions of the model.

The **schedule** for this project would be six months fabrication, one month installation from the time the content is finalized and approved by the Partnership.

The **budget** for this model, including installation, would be \$ 25,000.00.

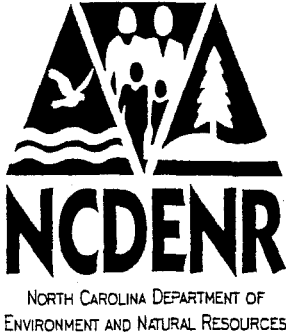
Again, thank you for considering Design Dimension Inc. for this project.

Sincerely,

A handwritten signature in black ink that reads "Mike Cindric".

Mike Cindric

901 N. WEST STREET • RALEIGH • NC • 27603 • FAX 919 828 8477 • PHONE 919 828 1485



STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES

WASHINGTON REGIONAL OFFICE
943 WASHINGTON SQUARE MALL
WASHINGTON NC 27889
PHONE (252) 946-6481 FAX (252) 975-3716

TO: Mary Liley

FAX:

NUMBER: 252-809-1103

FROM: Joan Giordano

DATE: 6/3/99

NO. PAGES (including cover page) 2

COMMENTS: OK. Will see you on
the 11th about 11:00am.

You should have spoken to
Guy re: the exhibit proposal
& if you would like to submit
one on the grass plantings
that would be great.

See you soon,

RRBRC agenda

*# 8***Greenfield Associates, Inc.**

300 Cedar Lane
Williamston, NC 27892

June 8, 1999

Mr. Guy Stefanski
Albemarle-Pamlico National Estuary Program
Division of Water Quality
Post Office Box 29535
Raleigh, NC 27626-0535

RE: Roanoke River Basinwide Council
Demonstration Project - Stormwater Buffer Landscaping

Dear Guy:

The Partnership for the Sounds wishes to suggest a second project for the Roanoke River Basinwide Council to consider. This project involves a drainage creek (running through the Roanoke-Cashie River Center property to the Cashie River) that receives stormwater from parts of the Town of Windsor. The creek has limited natural vegetation along its banks to provide erosion control and to act as a buffer against stormwater runoff. There are no remediation activities underway to contain the urban runoff and to minimize the pollutants the creek may be carrying into the Cashie River.

The Partnership requests that the Roanoke River Basinwide Council work with the Partnership, the Mideast Resource Conservation and Development Council, and the Bertie County Soil and Water and Cooperative Extension Services offices to establish a vegetated buffer strip along the banks of this creek at the Center. The proposed buffer strip will be constructed per state guidelines, and will demonstrate how buffer strips work and how they should appear in the field. Recommended grasses and shrubs will be planted, and interpretive signage will be utilized to:

- 1) describe the benefits of buffers as a BMP in various situations,
- 2) describe the usage of buffers for storm drainage control, and
- 3) denote the different vegetation species used in this demonstration project.

The estimated cost for the landscaping and signage is \$13,500. The project can be undertaken within the time frame required by the EPA.

As an environmental education facility that will be open to the public in September of this year, the Roanoke-Cashie River Center is an ideal location for this demonstration project. We anticipate thousands of school children, eco-tourists, researchers, and other

*- 300-400'
Monitoring
3-4 acres*

G. Stefanski

Page 2

visitors passing through the Center annually. With the Roanoke River National Wildlife Refuge offices also being located on this site, the Center will be the gateway to this wonderful natural resource – providing your demonstration project tremendous visibility and usage.

It may also be possible to install a flashboard riser system at the creek's mouth to control the flow of stormwater into the Cashie. This portion of the project will be experimental in nature, and will provide the Council members and the agencies involved an opportunity to evaluate this customarily agricultural BMP as a tool for controlling urban stormwater runoff and to consider whether such systems could be effective at other locations throughout the lower river basin. We hope to be able to provide you with a cost estimate for this portion of the project at the June 11th Basinwide Council meeting.

or
flap ~~board~~
- 10K gate

In total, this proposed project represents the type of "shovel in the ground project" that the EPA is looking to fund with the demonstration project. This project also addresses urban and agricultural run-off, which is one of the Council's major water quality issues.

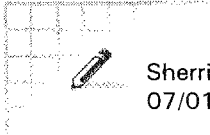
Thank you for considering this project. Tom Stroud and I will be available at the meeting to discuss the project in more detail. Please contact me if you need additional information before June 11th.

Sincerely,

Mary P. Lilley
Mary P. Lilley

/ml

FILE COPY



Sherrie Jager
07/01/99 12:56 PM

To: joan_giordano@waro.enr.state.nc.us, john_hefner@fws.gov, guy_stefanski@h2o.enr.state.nc.us
cc:

Subject: RRBRC Letter to Honorable David T. Boergers/re: FERC 2009

Please see attached WP7 file. If you have trouble accessing the file, please let me know. I am not sending the attachment listed in the letter as I believe you all have a copy of RRBRC's Minimum Flow Resolution.

//s//Jerry L. Holloman/sej



FERC.ltr.wpd

*Decided to
send Hard Copy
FBI*

ROANOKE RIVER BASIN REGIONAL COUNCIL
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
ALBEMARLE-PAMLICO SOUNDS NATIONAL ESTUARY PROGRAM
DIVISION OF WATER QUALITY
943 WASHINGTON SQUARE MALL
WASHINGTON, NORTH CAROLINA 27889

July 1, 1999

Honorable David T. Boergers
Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

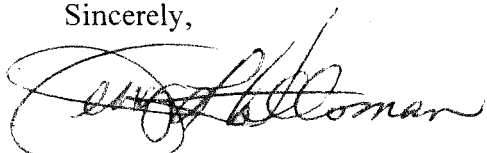
RE: Virginia Electric Power Company Roanoke Rapids and Gaston Hydropower
Project No. 2009

Honorable David T. Boergers:

The Roanoke River Basin Regional Council (Council), established by North Carolina Governor James B. Hunt, Jr. (Executive Order No. 75) is very interested in Roanoke River flow, flow management and related water quality. Two of the several purposes of the Council are (1) to provide guidance and recommendations to the North Carolina Department of Environment and Natural Resources on environmental issues pertaining to the Roanoke River watershed and (2) provide input to the environmental Management Commission, units of local government and others regarding environmental issues and management strategy recommendations.

In its advisory capacity and concern for the Roanoke River's flow quantity and quality the Council developed the enclosed flow management resolution. The Council asks that your deliberations regarding relicensing of the subject hydropower facilities (Project No. 2009) include consideration for and endorsement of its recommendations: The establishment of a range of flows for the lower Roanoke River by the North Carolina Department of Environment and Natural Resources consistent with the historical run of the river, and that a portion, to be determined by the State and Federal Fish & Wildlife Agencies, be directed through the by-pass reach below the Roanoke Rapids Lake Dam.

Sincerely,



Jerry L. Holloman, Chair
Roanoke River Basin Regional Council

Attachment

cc:

Col. Terry Youngbluth, U.S. Army Corps of Engineers, P.O. Box 1890, Wilmington, NC 28402
Mr. Ken Baker, Virginia Electric Power Company Relicensing Team, Innsbruck Technical
Center, 5000 Dominion Blvd., Glen Allen, VA 23060

RESOLUTION

Minimum Flow Management of the lower Roanoke River

WHEREAS, the Roanoke River Basin is considered a great natural resource for all the people of North Carolina and the United States, and

WHEREAS, the Roanoke River Basin Regional Council (Council) has identified river flow issues in the lower Roanoke River Basin as its primary concern and reported that concern to the Albemarle-Pamlico Sounds National Estuary Program Coordinating Council, and

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WHEREAS, at the present time, except during flood events, flows within the upriver by-pass reach are inadequate to provide life requisites for resident and migratory aquatic organisms, and

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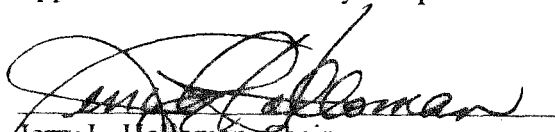
WHEREAS, the integrity of the bottomland hardwood floodplain ecology, below the Roanoke Rapids Dam, is impaired by the managed flow regime, which has implications for international migratory bird management, and


WHEREAS, flood control and hydropower peaking operations destabilize the Roanoke River banks and make part of the river unsuitable as habitat for native and endemic fish and shellfish, and

WHEREAS, the Council desires to be an advocate for a biologically based range of flows that also enhances fish and wildlife and its habitats, and

NOW, THEREFORE, BE IT RESOLVED that the Roanoke River Basin Regional Council supports the establishment of a range of flows for the lower Roanoke River by the North Carolina Department of Environment and Natural Resources consistent with the historical run of the river, and further resolves that a portion, to be determined by the State and Federal Fish & Wildlife Agencies, be directed through the by-pass reach below the Roanoke River lake Dam.

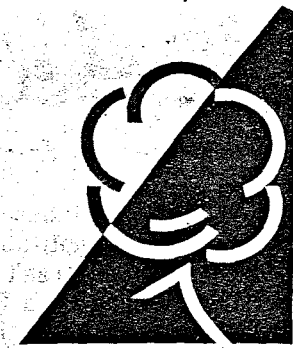
Approved this the 16th day of April 1999.


Jerry L. Holloman, Chair
Roanoke River Basin Regional Council


Kay Winn, Secretary
Roanoke River Basin Regional Council

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OR SOUTHEAST AGRICULTURE

An INTERTEC®/PRIMEDIA Publication

HIGH COTTON

VOLUME 26, NUMBER 17

WEDNESDAY, JULY 7, 1999

PRICE \$10.00

Compliance questions

Water quality rules puzzling farmers

EDITOR'S NOTE — North Carolina is not normally thought of as a water-deficit state. But, North Carolina farmers are experiencing problems with water — water quality, in this case, as they seek to reduce the nitrogen load in the Neuse River. Like other water issues across the Sunbelt, the Neuse River project promises to occupy center stage for farmers in the years ahead.

By Jim Hudson
Farm Press Editorial Staff

DONALD HEATH, and many other farmers in the Neuse River Basin of eastern North Carolina, have more questions than answers as they prepare to comply

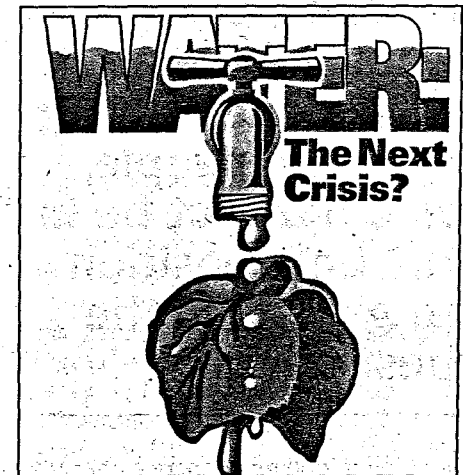
with pending Neuse River rules.

They've seen the rules and they understand their intent, to reduce the nitrogen load in the Neuse River by 30 percent. But they have questions about exactly how to comply with the rules, which best management practices will be acceptable to the Basin Oversight Committee and whether or not credit

will be given for existing riparian buffers and water control structures that have been in place for years.

They are also concerned that farmers who have been adopting nitrogen reducing best management practices for years may be asked to do still more. Perhaps most concerning to row crop farmers is the fear that the oversight

committee may one day control the amount of nitrogen they can apply to



High Cotton nominations due Sept. 15

DO YOU KNOW a farmer who has an environmental story to tell? For years, activist groups have been accusing farmers of spraying pesticides needlessly and other evil deeds that supposedly damage the environment.

The editors of *Southeast Farm Press* know that isn't so. But, we need positive, real-life stories of what farmers are doing to take care of the envi-

(Please see Cotton, Page 3)



DONALD HEATH, right, and Clifton Dixon show old cotton stalks in fields where strip-tilled cotton is growing in standing wheat. The wheat captures nitrogen during the winter and prevents wind and water erosion during the spring and summer. The old cotton roots keep the soil open, allowing rainfall to enter the soil rather than running off.

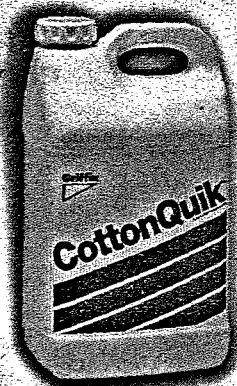
each acre of specific crops.

Most farmers, including Heath, are signing up for option one, which allows them to work with their Local Area Committees to find the most economical and site-specific nitrogen reduction strategies. But even that option is causing growers concerns.

"It's pretty obvious to most farmers that their best option is to sign up for option one before the deadline of Aug. 1, 1999," says Heath's consultant Mike Carroll, who works for Royster Clark.

"When they sign up they know they will not have to comply with the arbitrary requirements and best management practices in the standard option. The trouble is that's all they know.

(Please see Nitrogen, Page 26)



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Farmers fall short in water clean-up

KATHRYN BRIDGES

Herald Staff Writer

Progress reports are in, and state farmers have not made the grade in cleaning up the Tar-Pamlico River Basin.

The North Carolina Environmental Management Commission initially implemented the Tar-Pamlico Basinwide Water Quality Plan in 1996 as a volunteer strategy to reduce nitrogen pollution in the river basin 30 percent by the year 2000.

But according to Department of Environmental Quality (DEQ) Division of Water Quality annual reports, the voluntary nitrogen-

reduction plan will not reduce nitrogen levels by 30 percent in the Tar-Pamlico River Basin by the year 2000.

"Through annual reports on progress, the state has decided we are not making progress fast enough, and directed the DEQ to start rule-making," said Rich Gannon, environmental specialist for the DEQ's Division of Water Quality.

The North Carolina Department of Environmental Quality (DEQ) Division of Water Quality will travel to Raleigh Thursday to present a draft of the Tar-Pamlico Basinwide Water Quality Plan to the Environmental Management Commission (EMC).

The rules in the new draft of the Tar-Pamlico Basinwide Water Quality Plan cover four areas, and will require site-plans for some. The rules will effect those involved in agriculture, urban storm wastewater, nutrient management and Riparian buffer protection.

The plan encourages local governments to adopt storm water management programs. The pro-

gram would require new developments to treat storm water before it reaches streams and rivers. Businesses using organic and inorganic fertilizers, including landscaping services, city parks and recreation departments, and golf courses, would also be responsible for reducing nitrogen run-off. Farmers would have to account for nitrogen-loading waterways and streams on their properties under the new draft of the Tar-Pamlico Plan.

Dan Campeau, Halifax County Cooperative Extension agent, is worried that the proposed nitrogen regulations for farmers will effect the way livestock producers can water their animals.

"Now, there are no guarantees that an inspector from the DWQ would not issue a notice of violation to a horse or livestock producer that had animals drinking out of a stream," said Campeau.

But Gannon said the DWQ draft of the Tar-Pamlico rules includes local committees who will decide how to best implement the nitrogen-reduction plans in their area.

"A local committee would decide whether or not a farmer's cattle will or will not be able to water in a stream," said Gannon. "It's their call."

The local committee may determine the combination of nitrogen-rich animal wastes being dropped directly into the stream and the loading of nitrogen from trampled soil along the stream bank will be detrimental to the program, said Gannon.

The only way for livestock producers to voice their opinion on the new draft of the Tar-Pamlico Plan is to attend public hearings, according to Campeau. The times and locations of the hearings will be announced soon by the DEQ for the months of May, June, July and August.

Campeau proposes that pasture-based livestock producers agree to maintain an 80 percent vegetative cover along stream banks to correct and avoid potential erosion problems.

"Livestock owners should have the right to use their streams for watering purposes," said Campeau.

Branch

Funeral Homes, Inc.

839 Jackson St.
Roanoke Rapids

537-3574

Member of Order
Of The GOLDEN RULE

Herald 5/12/99

GUY STEFANSKI
FYI

Roanoke River Basin Regional Council
North Carolina Division of Water Quality
943 Washington Square Mall
Washington, NC 27889

May 30, 2000

Mr. Bill Holman, Secretary
North Carolina Department of Environment and Natural Resources
1601 Mail Service Center
Raleigh North Carolina 27699-1601

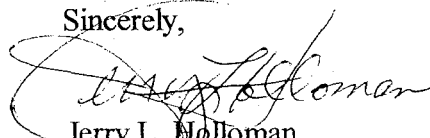
Dear Bill:

You will recall our May 15, 1999 Roanoke River Tour with FWS staff Wilson Laney, Tom Augspurger, DENR Attorney Dan McLawhorn, USGS Assistant Coop Unit Leader Tom Kwak and others. May 15 was a day of overcast skies, light rain and cool breeze. We got a little damp and quite tired but believed the trip was beneficial. One primary objective was discussion of ramifications associated with proposed river bottom development.

Well into the trip we observed evidence of cattle causing river bank erosion and general lack of slope protection along the river bank adjacent to the Department of Correction's Caledonia Prison Farm in Halifax County. It was at that time I mentioned the Roanoke River Basin Regional Council's general concern regarding uses that deteriorate basin wildlife habitat and water quality. I speculated that the Council could address the issue through the Coordinating Council's resolution process. Following further discussion you indicated that the issue should perhaps be addressed through communications between your office and the DOC. Subsequent to those discussions several things have happened, including a major weather related disaster, that I'm sure have occupied your time and on last check, you indicated that communications between you and the DOC had not occurred.

The Roanoke River Basin Council is hopeful that the above referenced communications will occur. Council members at our March 31, 2000 meeting asked (instructed) the Chair to determine whether there had been progress since my last inquiry and to offer Council's assistance, if deemed appropriate by you. Please inform us regarding any proposed remedies that you have proposed to the DOC.

Sincerely,



Jerry L. Holloman
Chair

Subject: [Fwd: Draft Demo Project Proposals]

Date: Thu, 20 Jan 2000 16:50:50 -0500

From: Guy Stefanski <Guy.Stefanski@ncmail.net>

To: Joan Giordano <Joan.Giordano@ncmail.net>

Enjoy.

Subject: Draft Demo Project Proposals

Date: Tue, 11 Jan 2000 16:42:50 -0500

From: "Cheryl Byrd" <byrd@beachlink.com>

To: Guy Stefanski <guy.stefanski@ncmail.net>

Guy,

I know that these comments are late, but I've finally looked over the five draft proposals that you sent to us for review and comment. My thoughts and comments follow:

- * Precision Agriculture Demonstration Project -- The project description does not indicate any process for measuring improvement of water quality or, alternatively, a means of showing less runoff of nutrients from farm fields when this farming method is used. The likelihood of improved productivity is almost a given.

- * Roanoke River Riparian Zone -- Good project. I do wonder where like sums of money would come from for future projects of the same kind, give the vast amount of agricultural land that borders on estuarine waters.

- * Warren County Pasture Aeration Project -- Good Project.

- * Alternative On-Site Wastewater Project -- Good Project.


- * Neuse River Basin Monitoring Project -- I do not believe that this is a demonstration project according to the definitions provided to us. This kind of monitoring effort is needed throughout all of the river basins on a long term basis to provide an accurate analysis of our impact on estuarine waters, but monitoring, for the sake of monitoring, is not a demonstration.

Cheryl Byrd



NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

July 24, 2000



Mr. Jerry Holloman, Chair
Roanoke River Basin Regional Council
Roanoke River National Wildlife Refuge
Box 430
Windsor, North Carolina 27983

Re: Caledonia Prison Farm in Halifax County

Dear Jerry:

Thank you for your letter of May 30, 2000 regarding management of the Caledonia Prison Farm in Halifax County and impacts on the Roanoke River. I apologize for the delay in responding to your letter and for the delay in responding to the concerns you and members of the Roanoke River Regional Council raised in May 1999.

I have discussed your concerns with Secretary Theodis Beck of the Department of Corrections. Secretary Beck has committed to working with local and state soil and water conservation staff to review operations and make improvements at both the Caledonia Prison Farm in Halifax County and the Odom Prison in Northampton County.

Secretary Beck and the Department of Corrections have been strong supporters of NC Project Green, Governor Hunt's sustainability initiative. The Department of Environment and Natural Resources has worked closely with DOC to convert food waste to compost, and we expect good cooperation from DOC to reduce water pollution. Secretary Beck and the Department of Corrections are also working with DENR to attain Governor Hunt's goal of preserving one million acres of open space over the next ten years.

I am writing Secretary Beck today to advise him to work with David Vogel, Director of the Division of Soil and Water Conservation and the Halifax and North Hampton County Soil and Water Conservation Districts.

Thank you and members of the Roanoke River Basin Regional Council for bringing this problem to our attention and for the work you do to protect and restore the Roanoke River. Please contact me if I can be of further assistance.

Sincerely,



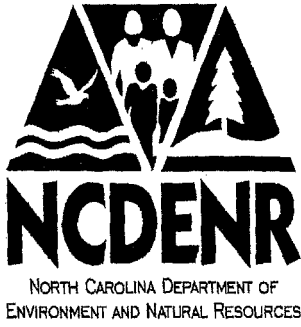
Bill Holman

cc: The Honorable Theodis Beck
Robin Smith
Dewey Botts
David Vogel
Tommy Stevens
Gary Hunt
Joan Giordano



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STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES

WASHINGTON REGIONAL OFFICE
943 WASHINGTON SQUARE MALL
WASHINGTON, NC 27889
PHONE (252) 946-6481 FAX (252) 975-3716

TO: Guy Stefanski

FAX: _____

NUMBER: (919) 715-5637

FROM: Joan Goodard

DATE: 7/31/00

NO. PAGES (including cover page) 2

COMMENTS: Guy:
49d
Joan

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FW4 RW Roanoke
River

08/15/2000 12:14
PM

To: dfi@ipass.net

cc:

Subject: Attn: Ed Stahls

Mr. Stahls, below are examples of questions, not inclusive, that could be asked on Friday.

Any potential for an ethanol spill to effect aquatic resources similarly to a recent distillery spill?

Will dikes and recovery equipment be part of plan to contain spill(s)?

Will there be a trained response team on-site?

Is the river the water source? If so, type of intake?

What will be the constituents of any discharged liquid effluent? Any toxics? Air emissions? Toxics? Juxtaposition to river? Distance?

Barges

Barge dimensions? Draft? Double sealed, double hulled construction? Ocean going?

Type of raw material incoming? Origin?

Frequency of traffic? Size of docking facility (number of barge slips)?

Requirements of Sound channel and River channel needed to support barges?

Consideration for contaminant laden sediments to be disturbed or mixed with water column?

Consideration for bank erosion problem(s) and spoil area disturbance?

Estimated potential for loss of natural river levee habitat?

Increased potential for spills at plant, on river associated with barge traffic?

Any Federal funding involved in this proposed plant or operations?

Forecast/predictions/estimates of potential to cause conversions of marginal agricultural or forested areas to raw material production?

Ethanol plant remains on 'fast track'

Contractor meets with locals to discuss plans

By MICHAEL BARRETT
The Enterprise

WILLIAMSTON — The company assigned to build DFI Group Inc.'s three ethanol plants came here Tuesday to break bread with Martin County locals, and testify to their belief in the project.

Top officials with Century Contractors Inc. said they'll be spending a lot of time here soon, and keeping with their business policy, it was time to meet the people. The industrial construction company hosted the gathering at Cobb's Corner Restaurant and said it intends to open a Williamston satellite office in 2-3 weeks. Jim Smith, a Century employee and Jamesville resident, will become the site superintendent there.

DFI and Century have not signed a contract yet, although Century CEO Joe Bare said they have reached a gentlemen's agreement. Bare said his company is totally focused on building the first plant at the 200-acre site near Jamesville within two years. Permits from state and federal environmental agencies are still pending, but Century hopes to finalize them within six months.

DFI accelerated plans for the Martin County plant in June, steering away from the initial site near Robersonville. The new location on the Roanoke River would allow liquid natural gas to be barged upstream, without having to wait for construction of an underground pipeline. Being operational in two years would allow DFI to ink an \$80 million contract with a New York oil company.

"We feel as good about this project as any we've ever worked on," said Bare. "If this project fails, we fail — and we've never failed."

Bare said there are still hurdles to overcome, but that



Community leaders met with staff of Century Builders here Tuesday night to discuss plans for the proposed ethanol plant being built by DFI Group. Above Joe Bare, Century CEO, talks about his company. Later, Bare, second from left below, chats with Buddy Bulow with the N.C. Department of Environmental and Health Resources, (left), Jim Ward, Martin County economic developer, and Al Chesson, Williamston Town Commissioner. (Staff photos by Nita Hilliard Smith)

"We feel as good about this project as any we've ever worked on. If this project fails, we fail — and we've never failed."

— Joe Bare, Century CEO

Century is working in advance as much as it can. He said the company is proceeding with geotechnical surveys of the site.

"We've started projects before without a signed contract. We can work on a handshake," said Bare. "Everything is on a fast track right now."

Representatives of Jamesville showed their interest in that fast track by bringing several officials Tuesday, including the mayor, town commissioners and restaurant owners. Commissioner Willis Williams said the town is eager to see some concrete developments and is considering all the implications of DFI's arrival.

"There's a lot of excitement, with some apprehension," said Williams. "We want to protect Jamesville's atmosphere as a small, historic town, so we're

hesitant. But the project sounds OK environmentally. And we need the jobs and industry."

At the satellite office, Smith will handle administrative responsibilities and be a local contact for residents with questions. As construction begins, the office will move to the actual site. Smith, a two-year Century employee and six-year Jamesville resident, said his assignment to this project is a "pleasant coincidence of timing."

Century's corporate headquarters are in Matthews, near Charlotte. Founded in 1975, the non-union company is a licensed industrial contractor in 36 states, but concentrates on projects in the Southeast. Their largest project to date was a \$400 million film plant in Georgia.

Bare said at peak construction, Century will employ 250 workers at the Jamesville site, and as many of

those will be local hires as possible. He said preference will be given to local applicants, and that Century pays top wages.

The complexity of the plant from an engineering standpoint will not present a challenge, said Bare. Instead, he said it is the project's significance economically and agriculturally that makes it a weighty, meaningful task. But that's one of the reasons Century signed on after DFI conducted an interview with them recently.

"We like projects that help people. These plants can help North Carolina establish a new agricultural identity, away from tobacco," said Bare.

Bare said the plant's production of an environmentally friendly alternative fuel using corn and sweet potato feedstocks is a plus. He also affirmed his belief in DFI President Bill Horton, and said he is convinced of Horton's sincerity in seeing the ethanol plants through.

"You can tell, when you talk to him, he doesn't have any hid
See ETHANOL, page 12A

Ethanol

from page 1A

den agendas," said Bare.

Danny Boyce, Century construction manager, gave a strong testimonial to Martin County's leadership and unity after Tuesday's gathering. Even working all across the country, Boyce said he has never seen such a cooperative effort among elected officials and economic development personnel within an area.

"There's a positive attitude from all the important players here that I've just never experienced before tonight," he said. "You've got something very special here."

Committee of 1000 hears update on ethanol plant

EDENTON — Plans for a \$128 million ethanol production facility in Martin County are on track according to Bill Horton, president of DFI. Horton updated members of the Northeast Partnership's Committee of 1000 on the progress of the ethanol production project at their meeting held last week.

According to Horton, the demand for ethanol as an alternative fuel source is increasing, and Ford Motor Co. is now producing an ethanol-fueled Taurus.

DFI will use hybrid sweet po-

tatoes and corn, purchased from regional farmers, to produce ethanol at its 60-million gallon facility.

Because of the heavy electricity and natural gas demand for production, DFI will negotiate electrical load for the facility on a commodity basis, and liquid natural gas will be shipped in and stored.

A proposal is in the works for a 30-inch natural gas pipeline through 27 eastern North Carolina counties by 2002. Horton also appealed to Committee of

1000 members for help in raising awareness in their communities of the need for skilled workers for constructing the ethanol production facility, which will begin in about two weeks.

Commenting on the DFI project, Partnership Chairman Charles Shaw added, "The ethanol production facility will have a tremendous impact on our agricultural community. As community and business leaders, we must do everything

See ETHANOL, PAGE 8B

Ethanol from page 1B

we can to support this project."

The Committee of 1000 also heard from Vann Rogerson, Regional Marketing director for the Northeast Partnership and the N.C. Department of Commerce. Rogerson reported that Partnership representatives recently attended the National Plastics Expo in Chicago, and 48 solid leads were generated.

In addition to responding to those client leads, the Partnership is also evaluating a growing interest in the region for starting a freight logistics company to meet regional trucking needs.

Rogerson also reported that Northeast is experiencing an increase in international clients interested in the region, which has prompted the Partnership to consider a multilingual website and printed marketing materials in languages such as German and Japanese.

In other business, Committee of 1000 Chairman Richard Jones, presented a plaque of appreciation to Bryant Brooks, past chairman, for his service as the Committee's first chairman.

In presenting the award, Jones commented, "Bryant has provided outstanding leadership for the past two years and has helped to build the Committee of 1000 to what it is today."

McKim & Creed, an international engineering firm, was recognized as the newest member of the Committee of 1000. The company has recently opened an office in Elizabeth City to better serve Northeastern North Carolina.

The Committee of 1000 operates in coordination with the Northeast Partnership to secure business and individual contributions. The private funds can be used, without restrictions that are placed on public funds, to further the goals of economic development and tourism through promotional efforts, incentives and other financial inducements.

For information on becoming a member of the North Carolina's Northeast Committee of 1000, call 252-482-4333 or toll free 1-888-872-8562. The next meeting of the Committee of 1000 will be held on Friday, Oct. 13,

2000 at 1 p.m. at the Partnership Office in Edenton.

The Northeast Partnership is dedicated to increasing the standard of living for citizens in its 16-county region through industrial and business development and tourism.

The Committee of 1000, made up from the region's leading businesses and industries, represents the private sector support an of the partnership. The public and private partnership strives to improve economic conditions in Northeast North Carolina by marketing the region's excellent business, tourism, and quality-of-life amenities.

The 16 counties that comprise the regional Partnership are: Beaufort, Bertie, Camden, Chowan, Currituck, Dare, Gates, Halifax, Hertford, Hyde, Martin, Northampton, Pasquotank, Perquimans, Tyrrell, and Washington. For more information about North Carolina's Northeast Partnership, visit the Partnership's website at www.ncnortheast.com.

DFI evaluates ethanol plant site



Officials with DFI Group, Inc. made a recent trip to Martin County to evaluate the future site of their planned ethanol production facility. DFI Executive Vice President Ed Stahl said a group of civil engineers and consultants visited the 650-acre tract between Robersonville and Parmele, and reviewed the site for environmental, geographical and construction engineering conditions. Stahl said the officials examined the capabilities of the site land and how ditches and trees will be cleared, and also discussed access roads. They were joined by officials with the Town of Robersonville and the Martin County Economic Development Corporation. DFI stills hopes to break ground on the project within the first quarter of 2001. Pictured from left to right, reviewing a project site map, are: Edward Glass, vice president of the N.C. Division of Timmons, a Greensboro environmental scientist firm; Ed Stahl, DFI vice president; Thomas Davis, DFI's vice president of engineering; Alex Hobbs, DFI's vice president of research and development; and Larry Massengill, a consulting engineer with Massengill Associates.

**Roanoke River
National Wildlife Refuge**
P.O. Box 430 - Spruill Bldg 310 HWY 13/17 South
Windsor, North Carolina 27983
252-794-3808 (V) / 252-794-3780 (F)

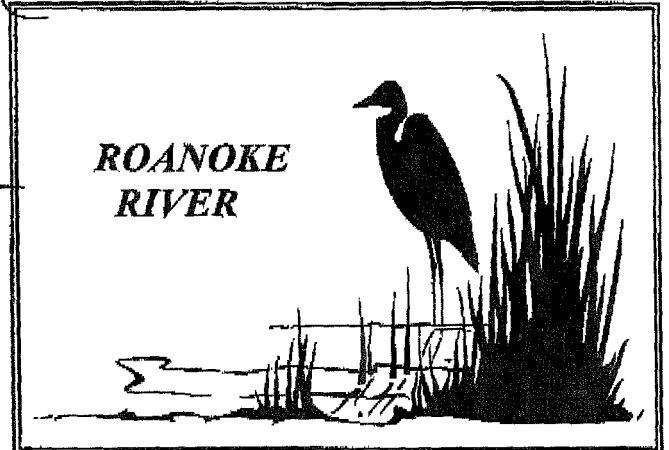
TO: Sy Stefanoki - APNSP Coord.
John Gordana - " PIC
919-715-5637

FAX: 252-975-3716

FROM: [Signature] / NREPC
CR

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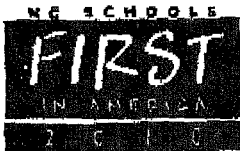
DATE: 11/17/00



REMARKS: Sy - FYI (11/16/00 Doc letter to NREPC)

Joan ① - " " " " " ")

② It is my ~~intention~~ intention to, by e-mail, to submit a revised (redraft) version of the 11/17/00 Resolution; it will include editorial changes ^{from our meeting,} an additional "whereas" ~~for~~ to address K.W.'s concerns and "a restructuring or two" of my own based on in-house comments. It will hopefully be available so you can use this ~~draft~~ ^{with the minutes} to copy everyone. If it does not get to you by e-mail or you discover it after you have done your thing, no problem. In other words, don't wait on it to do your thing as the Council discussed. things/could delay my plans - I could



**North Carolina Department of Correction
Correction Enterprises**

2020 Yonkers Road • 4240 MSC • Raleigh, North Carolina 27699-4240

James Godwin • Enterprise Director

James B. Hunt Jr., Governor

Theodis Beck, Secretary

November 16, 2000

Mr. B. Carroll Pierce
Assistant Director Technical Services
Division of Soil and Water Conservation
1614 Mail Service Center
512 North Salisbury Street
Raleigh, NC 27699-1614

Dear Mr. Pierce:

On May 15, 1999, personnel from USFWS, NCDENR and USGS toured the Roanoke River. During their trip, the group observed evidence of riverbank erosion and a lack of slope protection caused by our cattle. These concerns were brought to the attention of Correction Secretary Beck who responded by stating in his letter of July 31, 2000 that our goal is to be good stewards of our natural resources by taking the necessary steps to protect the Roanoke River.

In an effort to facilitate satisfactory resolution, Assistant Secretary Lynn Phillips is serving as the Department's chief contact source to address these concerns. As stated in his letter of August 7, 2000 to your department, Caledonia Farms has taken corrective measures to rectify existing problems. Further, I wish to reiterate that we will continue to take a proactive approach to ensure protection of our natural resources and water quality.

Representatives of your agency, along with those from the Department of Correction and Fishing Creek SWCD met on August 21, 2000 to review the riverbank and erosion problems. We agreed that the following problem areas needed to be addressed: Sandbed pasture, an old road cut adjacent to the pump intake, cattle access upstream and the tire dump. Since that meeting, we have sought to remedy the situation by installing a temporary fence along the sandbed area and at Boone's Corner (upstream). This will deny cattle access to the river. Secondly, we have met with Mr. Short, Fishing Creek SWCD, Mr. Jim Winfree, NC Forestry Service and the U.S. Fish and Wildlife Service to further investigate the erosion problems along the river. Plans are underway to order and plant trees along the riverbank. Although these plans have passed the first approval process, we are awaiting final approval before we can expedite the work.



Mr. Carroll Pierce
Page Two

Lastly, the old road cut adjacent to the irrigation pump is the only area that has not been addressed. As you recall, this area will require some grading and riprap. This requires gathering field data and getting an engineering design in place before we can take action. I have been informed by Mr. Wayne Short that all field data has been collected and forwarded to your office. In an August 22, 2000 e-mail, I was advised of a November 1, 2000 deadline for the design to be prepared by your department. Since the original completion deadline has passed, I am requesting that you supply me with the necessary information to be prepared by your department.

James Godwin, Enterprise Director, has instructed me to complete this project in a timely manner. Since the harvest season is quickly approaching its end and the weather has been relatively stable, now would be an ideal time to address this area of concern. Therefore, your prompt attention in expediting this request is appreciated.

Sincerely,



Phillip Sykes, Manager
Caledonia Farm Complex

GFH

cc: Lynn Phillips, DOC Assistant Secretary
James Godwin, Enterprise Director
Jerry Holloman, USFW
Wayne Short, Fishing Creek SWCD



North Carolina Department of Correction Correction Enterprises

2020 Yonkers Road • 4240 MSC • Raleigh, North Carolina 27699-4240

James Godwin • Enterprise Director

James B. Hunt Jr., Governor

Theodis Beck, Secretary

November 16, 2000

Mr. B. Carroll Pierce
Assistant Director Technical Services
Division of Soil and Water Conservation
1614 Mail Service Center
512 North Salisbury Street
Raleigh, NC 27699-1614

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Mr. Carroll Pierce
Page Two

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Sincerely,



Phillip Sykes, Manager
Caledonia Farm Complex

GFH

cc: Lynn Phillips, DOC Assistant Secretary
James Godwin, Enterprise Director
Jerry Holloman, USFW
Wayne Short, Fishing Creek SWCD



252-583-6571

Town of Halifax

P. O. Box 222
HALIFAX, N.C.

November 28, 2000

Albermarle-Pamlico National Estuary Program
NC Division of Water Quality
Washington Regional Office
943 Washington Square Mall
Washington, NC 27889

Dear Sir:

We recently received your quarterly publication the APNEP Beacon. We are interested in learning more about your program and how it would affect the Town of Halifax. Could you please send us more information and let us know how we would fit into your program?

Thank you for your help in this matter.

Sincerely,

W. Con Proctor, Jr.
Mayor

Rick Watson
President & CEO



Vann Rogerson
Regional Marketing Director

Discover the Difference®

June 18, 2001

Ms. Kay Winn, Secretary
Roanoke River Basin Regional Council
Albemarle-Pamlico Nation Estuary Program
943 Washington Square Mall
Washington, NC 27889

Dear Ms. Winn:

Thank you for your letter dated February 18, 2001 concerning your Council's Resolution on the preservation of the Roanoke River and support in restoring and protecting the river's physical and ecological integrity. North Carolina's Northeast Partnership certainly recognizes and appreciates the admirable efforts of the Roanoke River Basin Regional Council and the benefits available to our state.

While we are primarily a marketing entity for economic development, we feel we must focus on a balance between environmental preservation and enhanced economic development. On the other hand, we also market and promote travel and tourism in North Carolina's Northeast, and we recognize the need and benefit of preserving our natural, historic and cultural resources that are unique to the region. It is our sincere hope that the Partnership is serving our development responsibilities and equally serving the preservation of our natural resources.

Again, thank you for notifying us of your resolution. If we can be of assistance to you in the future, please let us know.

Sincerely,

Charles Shaw

Charles Shaw, Chairman

Sincerely,

Rick Watson

Rick G. Watson
President & CEO

Cc: Bob Spivey
Jack Runion
Buck Suiter
Charles Archer
Rocky Lane

JOHN EDWARDS
NORTH CAROLINA
(202) 224-3154

United States Senate
WASHINGTON, DC 20510-3201

COMMITTEES:
COMMERCE, SCIENCE, AND
TRANSPORTATION
HEALTH, EDUCATION, LABOR,
AND PENSIONS
INTELLIGENCE
SMALL BUSINESS

July 24, 2001

Ms. Kay Winn
Secretary
Albemarle-Pamlico Nation Estuary Program
943 Washington Square Mall
Washington, NC 27889-3532

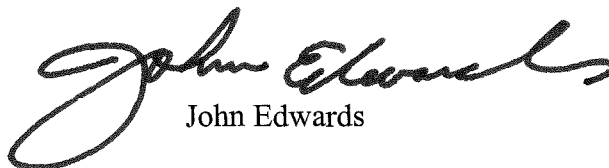
Dear Ms. Winn:

Thank you for sharing the Roanoke River Basin Regional Council's resolution with me. I appreciate hearing from you, and I apologize for the late response.

I share your objectives to restore the Roanoke River's integrity, and I have worked to provide federal funding for projects that protect the rich biodiversity and water quality in the area. Please be assured that I will keep in mind your efforts to bring a long-term, positive impact to the River as related legislation comes before me in the Senate.

Again, thank you for your letter. Please feel free to contact me if I can be of any service in the future.

Yours sincerely,



John Edwards

JE/lh

Subject:

Roanoke River Basin Council

Date:

Thu, 7 Feb 2002 11:23:26 -0800

From:

"Coker, Jerry" <jerry.coker@weyerhaeuser.com>

To:

"Giordano, Joan" <Joan.Giordano@ncmail.net>

CC:

"Hardison, Diane" <diane.hardison@weyerhaeuser.com>

I have enjoyed the good times with the Council. We have a good group of folks to work with. I think the work the council is doing is important and needs to be supported. However, in the coming year my work responsibilities will be changing significantly and I may not be able to participate on a regular basis. The Roanoke River is vital to business and industry and we need to give input at the council. Please designate Diane Hardison as my replacement on the River Basin Council. Diane works at the Weyerhaeuser Plymouth facility in an environmental role. Diane understands the importance of the river to industry, but she also loves to fish on the River with her family. She will be a good member to have on your team.

Contact information

e-mail address: diane.hardison@weyerhaeuser.com

Mailing address: 2670 Thurman Griffin Road, Williamston, NC 27892

Home phone:252-792-8838

Work phone:252-793-8611

Fax:252-793-8871


Jerry F. Coker

Area Regulatory Manager
Environment, Health and Safety

jerry.coker@weyerhaeuser.com

Tel (252) 633 7541
Fax (252) 633 7426
Cell (252) 531 5564
Pager (800) 999 6710
ID 999 0296

North Carolina Timberlands Build
1785 Weyerhaeuser Road
Vanceboro NC 28586
PO Box 1391
New Bern NC 28563-1391

 **Weyerhaeuser**



Albemarle-Pamlico National Estuary Program

Public Involvement Office

April 22, 2002

Michael F. Easley
Governor

William G. Ross Jr.
Secretary
Department of
Environment and
Natural Resources

Gregory J. Thorpe, Ph.D.
Acting Director
Division of Water Quality

Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator

Jimmy Outland
PO Box 410
Rich Square, NC 27869

Dear Jimmy:

Thank you very much for making EPA's site visit to the Albemarle-Pamlico National Estuary Program such a success last Thursday! The implementation team (Washington, DC and Atlanta EPA) was very pleased with the demonstration project at Mr. Winslow's farm, and much impressed with your knowledge of, and commitment to, the work of the Roanoke River Basin Regional Council (RRBRC).

I appreciate your participation more than you know, especially since my supervisor was also in attendance! I look forward to continued environmental progress in the Roanoke basin and to your upcoming term as RRBRC Chair. Without persons like you, my job would be non-existent.

Sincerely,

Joan Giordano



N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

943 WASHINGTON SQUARE MALL WASHINGTON, NORTH CAROLINA 27889 • PHONE: (252) 946-6481 EXT. 269 • FAX: (252) 975-3716
<http://h2o.enr.state.nc.us/nep>



Albemarle-Pamlico National Estuary Program

Public Involvement Office

April 22, 2002

Michael F. Easley
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Environment and
Natural Resources

Gregory J. Thorpe, Ph.D.
Acting Director
Division of Water Quality

Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator

Kay Winn
244 Winnaway Lane
Rich Square, NC 27869

Dear Kay:

Thank you very much for making EPA's site visit to the Albemarle-Pamlico National Estuary Program such a success last Thursday! The implementation team (Washington, DC and Atlanta EPA) was very pleased with the demonstration project at Mr. Winslow's farm, and much impressed with your knowledge of, and commitment to, the work of the Roanoke River Basin Regional Council (RRBRC).

I appreciate your participation more than you know, especially since my supervisor was also in attendance! I look forward to continued environmental progress in the Roanoke basin and to your upcoming term as RRBRC Secretary. Without persons like you, my job would be non-existent.

Sincerely,

Joan Giordano



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Albemarle-Pamlico National Estuary Program

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April 23, 2002

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Acting Director
Division of Water Quality

Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator

Mike Canada
Roanoke Wildlife Refuge
P. O. Box 430
Windsor, NC 27983

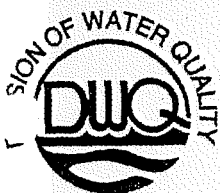
Dear Mike:

Thank you very much for making EPA's site visit to the Albemarle-Pamlico National Estuary Program such a success last Thursday! The implementation team (Washington, DC and Atlanta EPA) was very pleased with the demonstration project at Mr. Winslow's farm. The team was also impressed with your knowledge of the Roanoke River basin and your commitment to the partnership between the US Fish & Wildlife and the Roanoke River Basin Regional Council.

I appreciate your participation more than you know, especially since my supervisor was also in attendance! I look forward to continued environmental progress in the Roanoke basin and to sustaining the partnership between the US Fish & Wildlife Service and the Albemarle-Pamlico National Estuary Program. Without persons like you, my job would be non-existent.

Sincerely,

Joan Giordano



N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

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<http://h2o.enr.state.nc.us/nep>

October 28, 1997

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Mary Lilley, Acting Chair *ML*

SUBJ: Upcoming Regional Council Meeting

The first meeting of the Roanoke Regional Council, following the "Kick-Off" meeting in Plymouth on 9/25/97, will be held on **November 17, 1997 at the Holiday Inn in Williamston** from 9:00 am until 12:00 noon. The following items are included in this mailing to aid you in preparing for this meeting:

- agenda
- draft by-laws and example charter
- summary listing of your concerns expressed at the "Kick-Off" meeting (9/25)
- membership roster
- copy of the Executive Order establishing your Regional Council

As you can see from the agenda, this meeting will be dedicated to organizational tasks which need to be addressed before we can move to developing our Program of Work for the year. Your careful review of the enclosures, especially those pertaining to the by-laws, the Executive Order, and the summary listing of priority concerns, will aid in maximizing the use of our meeting time.

If you have any questions, please call me in Williamston at 919-792-2044 or Guy Stefanski (DWQ in Raleigh) at 919-733-5083 extension 585 or call Joan Giordano (DWQ in Washington, NC) at 919-946-6481 extension 269.

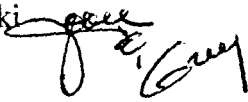
I look forward to seeing you on November 17th in Williamston, and please drive carefully.

LOCATION OF THE MEETING SITE:

The Holiday Inn is located at the junction of Highway 64 and Highway 17 in Williamston (Martin County). The phone number at the Holiday Inn is 919-792-3184.

MEMORANDUM

TO: Albemarle-Pamlico Sounds NEP Regional Council Members

FROM: Joan Giordano & Guy Stefanski 

SUBJ: Meeting Materials

DATE: December 12, 1997

Enclosed are materials which you will find useful as we move into our next round of RC meetings.

-Autobiographical sketches- these are intended to introduce and acquaint all Regional Council members, especially those who were unable to attend the Plymouth kick-off meeting or the first round of council meetings. They are also intended to be used as guidance when electing officers for our Regional Councils.

-Agendas for our next meetings containing date, time, and location

-Minutes from our last meetings

-By-laws (amended draft)- these by-laws have been amended based on discussions held at each of the first round of RC meetings. They are being circulated for comment by those who were not in attendance at those meetings, and also to comply with the policy for adopting them. Please try to be present at the next meeting of your respective river basin council, or make your comments, in writing, to Joan Giordano or Guy Stefanski prior to those meetings.

Joan's address: DENR, 943 Washington Sq. Mall, Washington, NC 27889

Guy's address: DENR, Div. of WQ, P.O. Box 29535, Raleigh, NC 27626-0535

-Priority Concerns/Issues listing- to be expanded upon at our next meetings

As discussed at our last meetings, we are anticipating the use of a professional facilitator to assist us in crafting our Programs of Work. The plans for securing the facilitator are in the formative stages and our best estimation for the occurrence of the facilitated meetings is March and April, 1998. Preparatory to this, please refer again to the priority concerns/issues listings you developed in Plymouth. This information will be extremely important to developing our Programs of Work.

As you can imagine, we have much work to do before we can develop our Programs of Work. The first step to accomplishing this is to be present at your basin's next meeting. Please try to

include this on you calendars for the new year and let's begin 1998 with renewed commitment to protecting the water quality, habitats and natural resources of beautiful eastern North Carolina. Have a very happy and safe Holiday Season and we'll see you in '98!

ROANOKE RIVER BASIN REGIONAL COUNCIL

March 3, 1998

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Mary Lilley, Acting Chairman *ML*

SUBJECT: Next meeting on March 25, 1998

Enclosed is the agenda for our upcoming meeting scheduled for March 25, 1998 at the Chamber of Commerce Building in Roanoke Rapids, NC. The meeting begins at 9:00 am. You should have received a copy of the minutes from our January 14th meeting, as well as a copy of our final by-laws, in a previous mailing. Directions to the Chamber of Commerce Building was included in the minutes.

This is a very important meeting as we will officially elect our officers. We will also correlate our list of environmental concerns with the management actions of the APES CCMP. This correlation will have much meaning as we continue to develop our program of work.


I look forward to seeing you in Roanoke Rapids on March 25th. If you have any questions, please call me in Williamston at 919-792-2044 or Guy Stefanski (DWQ in Raleigh) at 919-733-5083 extension 585 or Joan Giordano (DWQ in Washington) at 919-946-6481 extension 269.

Please travel safely.

Enclosure.

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Joan Giordano 

SUBJ: Next Meeting

DATE: May 12, 1998

Please be aware that **our next meeting has been changed from May 27, to June 11, 1998.** This was necessary to accommodate the schedules of our guest speakers from the US Corps of Engineers, VA Power & Light and the Nature Conservancy.

In keeping with our practice of holding our meetings in various locations around the basin, this meeting will be held in Northampton County at Claudine's Restaurant. **The restaurant is located approximately 2 blocks south of the junction of Hwys. 561 and 258 in Rich Square.** We will begin at 10:00am and finish at approximately 1:00pm.

Please make every attempt at being present for this meeting as the agenda is dedicated to the issue of flow in the Roanoke River which, as you know, is the top priority expressed by our Council. Thank you for your continued commitment and dedicated effort to protecting the Roanoke River. I hope to see you on the 11th, please travel safely.

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Mary Lilley, Chair *ML*

SUBJ: Preparatory material for next meeting - June 11, 1998

DATE: May 26, 1998

Enclosed are materials, provided from the US Corps of Engineers, which will prove helpful as we prepare for our next Roanoke River Basin Regional Council meeting on June 11, 1998.

Also included is a copy of the proceedings of the facilitated workshop (April 24th) which was held to help our Council with the development of our Program of Work for the next two years. Please acquaint yourself with this document as it is our guide for focusing future work and, upon which, our demonstration projects will be based.

I look forward to seeing you on June 11th in Rich Square at Claudine's Restaurant (Hwys. 561 & 258). As indicated in an earlier mailing for this meeting, we will begin at 10:00am and conclude at approximately 1:00pm. Please travel safely.

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Chuck Laughridge, Vice Chair

SUBJ: Next Meeting


DATE: September 8, 1998

Enclosed is the agenda for our next Roanoke River Basin Regional Council meeting which will be held on **September 23, 1998 at the Western Steer in Plymouth, NC**. The meeting will begin at 9:30am and will conclude with a "dutch" lunch at the restaurant at 12:15pm. The owner of the Western Steer has agreed to opening his establishment early to accommodate our needs and, while it is not mandatory for us to do so, staying there to have our lunch will be a welcomed gesture. Thanks to council member Andy Allen for arranging the meeting site.

We have much have to accomplish in order to progress with our Program of Work. I look forward to seeing you on the 23rd and ask that you travel safely.

MEMORANDUM

TO: Roanoke River Basin Regional Council

FROM:  Jerry Holloman, Chairman

SUBJ: Next meeting of Regional Council

DATE: November 24, 1998

The Roanoke Regional Council meeting scheduled for December 3, 1998, in Warrenton, has been **postponed until January 13th**. We will meet at the same location - The First Citizens' Bank on North Main Street in Warrenton, beginning at 10:00am.

I regret any inconvenience this may cause, and I look forward to seeing you in January. I hope you have a joyous, safe and restful Holiday Season!

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Jerry L. Holloman, Chairman *JLH*

SUBJ: Next Regional Council Meeting - 1/13/99

DATE: January 5, 1999

The next meeting of the Roanoke River Basin Regional Council is scheduled for January 13, 1999 at the First Citizen's Bank, N. Main Street, in Warrenton, beginning at 10:00am. I have enclosed an agenda for your information. As you can see, the meeting promises to be both interesting and informative. I ask that you please make every effort to attend.

We are rapidly nearing the point where we will be developing our demonstration project proposals. The Coordinating Council is meeting on January 15th in River Bend and, at that time, will decide on the criteria/guidelines for proposal submittal. Your attendance at our meeting is very important so that we have the most information available to aid us in designing our proposals. I look forward to seeing you on the 13th, and please travel safely!

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Jerry Holloman, Chairman *JH*

SUBJ: Meeting Minutes - January 13, 1999 *8/21*

DATE: February 25, 1999

Enclosed are the minutes from our last meeting held in Warrenton, on January 13, 1999. Please be aware however, the date of the next meeting has been changed from the one contained in these minutes. The rescheduled date for the **next meeting is April 16, 1999**, at the same location, beginning at the same time. An agenda will follow.

I also have enclosed a copy of the draft resolution (dealing with minimum flow) prepared by myself and members of our Regional Council. Discussion of this resolution will be included as an agenda item at the April 16th meeting.

I regret any inconvenience rescheduling of our meeting date may cause. Please know that it could not be helped. I look forward to seeing you on the 16th and, should you have questions or comments, please do not hesitate to phone me at 252/794-5326, or e-mail at: r4rw_nc.roa@mail.fsw.gov

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Jerry Holloman, Chairman *JH*
BTJ

SUBJ: Next Meeting

DATE: March 17, 1999

The next meeting of the Roanoke River Basin Regional Council is scheduled for **April 16, 1999** at the **Roanoke-Cashie River Center, 112 W. Water Street, in Windsor**. We will begin at 10:00am. Please note that this a different location than previously planned.

I have enclosed the agenda for this meeting and, I'm sure you'll agree, it promises to be both interesting and challenging! Please make every effort to attend, especially so that we may welcome our newest members. Travel safely and I look forward to seeing you on the 16th.

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Jerry Holloman, Chair *JH*
6/27/99

SUBJ: Next RRBRC Meeting - June 11, 1999

DATE: May 27, 1999

Enclosed is the agenda for our next RRBRC meeting being held at the Roanoke-Cashie River Center in Windsor. Our regular meeting will begin at 11:00am, following a meeting of the Demonstration Project sub-committee at 9:00am. **Please note this change of time from our usual meeting hour.**

As you can see from the agenda, we have only 1 agenda item to address. This format was adopted intentionally so that there will be ample time to discuss the demonstration project proposals submitted to the Demonstration sub-committee and those mentioned in the past.

Please make every effort to attend this important meeting. We are nearing the time for submitting our proposals to the Coordinating Council and progressing with their implementation.

Thank you for your cooperation and commitment to protecting our precious natural resources.

MEMORANDUM

TO: ALL ROANOKE RIVER BASIN REGIONAL COUNCIL MEMBERS AND INTERESTED PARTIES


FROM: JOAN GIORDANO


SUBJ: THIS MAILING

DATE: JUNE 3, 1999

If this is a duplicate mailing to you, please disregard it. There has been some confusion about a prior mailing of this same information and, rather than risking you being uninformed, it is being mailed again. Thank you for your understanding and I hope this does not cause further confusion.

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Jerry Holloman, Chair 

SUBJ: Meeting Minutes and Next Meeting Date

DATE: June 17, 1999


Enclosed are the minutes from our last Roanoke River Basin Regional Council meeting held in Windsor on June 11, 1999. Please be reminded that this meeting consisted of only one agenda item--the discussion of demonstration project ideas. Kay Winn, our Council Secretary, is to be commended for the excellent job she did in capturing the often confusing conversation and decision-making process, we undertook.

Please come prepared to vote on these excellent proposal ideas (they will be refined and "fleshed-out" by that time) at our next meeting on July 9th. The meeting will begin at 10:00am, probably in Windsor, at a location to be determined by me. You will be notified of that location with the agenda mailing, as the time draws closer.

Thank you for your continued participation and your commitment to protecting the habitat and water quality in the Roanoke River basin. Please mark your calendar for July 9th as I look forward to seeing you then.

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Jerry Holloman, Chair 

SUBJ: Next meeting - July 9, 1999

DATE: July 1, 1999


As indicated in the minutes of our last meeting sent to you on June 17th, the next meeting of the Roanoke River Basin Regional Council will be held on July 9, 1999 at the Roanoke-Cashie River Center, 112 West Water Street, in Windsor, beginning at 10:00am. We are most appreciative for the use of this facility and the willingness of the Partnership for the Sounds in extending their hospitality.

As was the case at our last meeting, on the 9th, there will be only one agenda item - the final consideration of our demonstration project proposals, now that they have been "fleshed-out" and written in compliance with the guidelines set forth by the Coordinating Council and EPA. We must decide which proposals to forward to the Coordinating Council for their consideration and subsequent approval.

Please make every effort to attend this important meeting and I look forward to seeing you on July 9th in Windsor. Thank you for your efforts and your commitment to protecting the Roanoke River watershed.

MEMORANDUM

TO: Roanoke River Basin Regional Council members

FROM: Jerry Holloman, Chairman 

SUBJ: Minutes from last meeting - July 9, 1999

DATE: September 7, 1999

Hope you all had a good summer! Enclosed are the minutes from our last meeting held in Windsor. As you may recall, we endorsed the "Riparian Zone Rehabilitation Project" as our demonstration project proposal. This proposal has been sent to the Demonstration Project Committee of the Coordinating Council and is being studied, pending final recommendation for funding. The next meeting of the Coordinating Council is on October 22nd, and perhaps at that meeting acceptance of the demonstration project proposals will be decided. Following that, the contracts will be drawn up and we will be able to begin!

The next meeting of our Regional Council will also occur in October, although a date, time and place have not yet been decided. You will be sent an agenda and other relevant materials as the time draws nearer. In the mean time, I ask that you give some thought to the interest-group vacancies existing on our Council. In order to have a balanced, basinwide representation of local government and special interest representatives, we need to be thinking about people we can nominate to fill the interest-group slots.

I look forward to seeing you in October and to continuing the important work of protecting the natural resources of eastern North Carolina.

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Jerry Holloman, Chairman *JH*
11/22/99

SUBJ: Next Meeting - December 13, 1999


DATE: November 22, 1999

Enclosed is the agenda for our next regularly scheduled Roanoke River Basin Regional Council meeting. **It will be held on December 13, 1999 at the Holiday Inn in Williamston**, which is located on Hwy. 17N. We will begin at 10:00am. In the past, when we were gathering at a restaurant/hotel where no charge was made for the meeting room, we have stayed at the location and had our lunch. Again, dining here at this restaurant will be a nice gesture.

We have several important items on the agenda which require your attention, so please make every effort to attend. Thank you for your continued diligence to, and participation in, protecting the natural resources of eastern North Carolina. Your efforts do make a difference.

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Joan Giordano 

SUBJ: Next Meeting - March 17, 2000

DATE: March 3, 2000

Enclosed are the minutes from our last meeting held on January 21st in Rich Square. Unfortunately, due to other pressing responsibilities, the agenda for our next meeting on March 17th has not been composed, and is not included with this mailing as is our usual practice. It will, of course, be available on the 17th, if not before.

I have also enclosed the appropriate forms for nominating persons to fill the interest-group vacancies on our Council. Those vacancies are arrayed on the most recently developed membership roster, which is also enclosed.

I hope to see you on March 17th at Claudine's Restaurant in Rich Square beginning at 9:30am. Please make every effort to be present as our quorum requirement must be satisfied for the successful conduct of business. We have important work underway and participation by a full complement of members will aid in its accomplishment. Please drive safely!

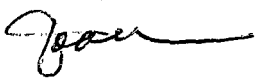
Mailed

on

3-3-00

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Joan Giordano 

SUBJ: Next Meeting – March 31, 2000


DATE: March 22, 2000

Enclosed is the agenda for our next meeting being held in Rich Square on **March 31, 2000**. We will gather at Claudine's Restaurant **beginning at 9:30 am** and continue until noon, at which time we can enjoy our lunch together.

As you can see from the agenda, we will have a guest speaker from the Army Corps of Engineers in Wilmington. Our conversation promises to be both interesting and most pertinent to our work in the basin. Please make every effort to attend, and I look forward to seeing you on Friday, March 31st.

ALBEMARLE-PAMLICO NATIONAL ESTUARY PROGRAM

MEMORANDUM

TO: Roanoke River Basin Regional Council Members
FROM: Joan Giordano 
SUBJ: Next Meeting - **November 17, 2000**
DATE: November 7, 2000


Hi folks! I am attaching the agenda for our next meeting, which is being held at **Claudine's Restaurant on Friday, November 17th, beginning at 9:30am**. We have had good attendance while meeting in this location, and the friendly atmosphere is conducive to our discussions. I hope it is too far for some of you to travel!

As you can see from the agenda, we have an interesting meeting planned. Please make every attempt to be present because your input and participation are important, especially now, when the Roanoke River Basinwide Water Quality Plan is being updated.

I look forward to seeing you and, as always, please drive safely.

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM:  Joan Giordano, Outreach Coordinator

SUBJ: June Minutes and Next Meeting Schedule

DATE: July 9, 2001

Hi Folks:

Enclosed are the minutes from our last meeting, held on June 1st, in Rich Square. As you will note in the minutes, our next meeting will be held jointly with the Neuse Regional Council, at a location in Greenville. I'll let you know exactly where, when I make the meeting arrangements.

The joint meeting is being dedicated to a topic that has been of particular concern to the Neuse RC for some time: the issue of water supply. Because this issue has been raised in the Roanoke RC as well, and members present at the last meeting expressed concern for it, we felt meeting together to plan for a water supply seminar, to be held later in the fall, was appropriate.

As indicated the joint meeting will serve as our regular meeting so as not to overly monopolize your time. Please make every attempt to attend. I look forward to seeing you on August 3rd.


Mailed 8/16/01

ALBEMARLE-PAMLICO NATIONAL ESTUARY PROGRAM

Public Involvement Office

MEMORANDUM

TO: River Basin Regional Council Members

FROM:  Joan Giordano, Outreach Coordinator

SUBJ: Announcements and Fact Sheet

DATE: August 15, 2001

Enclosed are a few items that have come to my attention recently and I thought you might be interested in them as well?

First is a fact sheet that was produced by the Association of National Estuaries Programs for our program here in North Carolina. As you can see, the fact sheet includes information on the health of our estuary, as well as accomplishments we had attained at the time of printing. Also, please enjoy the crab and spinach dip recipe which features the best crab in the world - those taken from the estuarine waters of North Carolina! Similar fact sheets were also produced for the other 27 NEPs around the nation and, should you be interested in receiving them, just let me know.

Also enclosed is information on two upcoming workshops. One deals with the 2000-2003 Triennial Review of Water Quality Classifications and Standards which will be held during September at various locations, and the second pertains to Coastal Water Quality Workshops - Linking Land Use and Water Quality being held during October and November. The information for contact persons and registration is included.

I hope you find these items useful and, as always, thank you for your dedication and commitment to protecting the natural resources of eastern North Carolina.

Mailed 8/16

2000-2003 TRIENNIAL REVIEW OF WATER QUALITY CLASSIFICATIONS AND STANDARDS

BACKGROUND

Every three years the Federal Clean Water Act requires states to review their surface water quality classifications and standards and make any changes necessary. As part of the 2000-2003 triennial review, EPA has specifically requested we review the water quality standards for mercury and bacteria (fecal coliform). In addition, changes to EPA's arsenic and ammonia may result in modifications to our standards.

Mercury contamination of fish tissue is a widespread problem, not only in North Carolina, but throughout the United States. Recent research and EPA guidance have provided updated values and procedures for developing surface water quality standards for mercury. This rule-making is being initiated because EPA requires North Carolina to update its mercury standard to incorporate the best available science and to provide a scientifically defensible standard for the development of use ratings, permit limits and total maximum daily loads (TMDL).

In 1986, EPA published updated water quality criteria for bacteria. In 2000, EPA informed states that they had until 2003 to adopt these updated criteria or similar criteria that provide the same or more stringent protection of human health. If we do not adopt these criteria, then EPA will promulgate new standards for us. North Carolina will be reviewing data currently being collected by the Division of Environmental Health, other North Carolina-based researchers, as well as, researchers from other states to develop recommendations regarding bacterial criteria.

Other parameters that will be reviewed as part of this triennial review are turbidity, cyanide, MTBE (methyl tert-butyl ethanol, a gasoline additive) and MBAS (methylene blue active substances - surfactants, foaming agents). These parameters are being reviewed based on requests from the public. Other parameters may be included in this review based on additional public and EPA input.

PROCESS - August 2001 - January 2002

For this Triennial Review, the Division will be holding public meetings prior to and after developing draft standards. These meetings are intended to allow significant public input into the process at all stages of the standards development. The public meetings will be conducted similar to the Basin Workshops with a brief presentation at the beginning of the meeting. After the presentation and a question and answer period, the group will be divided into smaller units, if sufficient people are in attendance. These units or the whole group will answer the following questions:

- * What changes are needed?
- * Why is a particular change needed?
- * How will it be implemented?
- * What supporting data is available?

After brainstorming for a while, the group will come back together and review the results. There will be another question and answer period and then the meeting will be adjourned. Results from each of the meetings will be posted on this website and e-mailed to anyone requesting a copy. These results will be used in developing draft rule language.

In October, the Division will request permission from the Water Quality Committee of the Environmental Management Commission to publish the Notice of Subject Matter in the North Carolina Register. Included in the Notice of Subject Matter will be a brief description of the Triennial Review and a request for comments. The comment period will be open for 60 days. Any comments received during that period will be considered for inclusion in the Triennial Review.

Schedule & Locations for First Public Meetings

Raleigh

September 10

1:30 PM

Archdale Building

Ground Floor Hearing Room

(919) 733-5083 ext. 568

Directions:

The Archdale Building is the tall white building in downtown Raleigh, north of the state capital. **From Interstate 40 west**, take the Wade Avenue Exit 289 into Raleigh. Right exit Wade Avenue onto Glenwood Avenue then turn right onto Glenwood Avenue. At the first light turn left onto Peace Street. The building is at the intersection of Peace and Salisbury. **From I-40 east** follow the inner beltline (I-440) to the Wilmington Street exit. Take Wilmington Street into downtown Raleigh. The Archdale Building will be on the left at the end of Wilmington Street. Parking is available in state government lots near the building after 5 PM.

Mooreville

September 18

5:00 PM

Mooreville Citizens Center

215 North Main Street

(919) 733-5083 ext. 568

Directions:

From I-40 W, take the I-77 S/Charlotte exit. Travel south on I-77 about 18 miles and take Exit 36/Mooreville. Turn left off the exit ramp onto NC 150 east. Travel about 2 miles on Hwy 150. At the intersection with W. Iredell Avenue, turn right and travel to N. Main St. Turn right onto N. Main St. The Citizens Center will be in the middle of the block on the left. Follow Citizens Center parking signs for parking in rear of building. **From I-85**, take Exit 68/China Grove. Then take the next exit on right (Mooreville/Hwy 152). At top of the ramp turn right onto Hwy 152. Stay with Hwy 152. At second traffic signal, turn right. Stay with Hwy 152 as it joins and separates from Hwy 150. Hwy 152 becomes N. Main Street. The Citizens Center is on the left in the 200 block of N. Main St. Follow signs for parking in the rear.

Mailed 8/16/01

Coastal Water Quality Workshop Announcement

LINKING LAND USE AND WATER QUALITY Workshops for Local Governments and Citizens on Nonpoint Source Pollution and Coastal Water Quality

Join Us For A One-Day Workshop That Will Provide Information On:
Water Quality in Your Coastal Region
Nonpoint Source Pollution - Major Sources and Concerns
Connections Between Water Quality and Health and Local Economies
Managing Nonpoint Source Pollution

THREE WORKSHOP LOCATIONS AND DATES (9:00 am - 3:30 pm)

Northern Coastal Region

Wednesday, October 31st, 2001
Elizabeth City - College of the Albemarle
(Bertie, Camden, Chowan, Currituck, Dare, Gates, Hertford,
Pasquotank, Perquimans, Tyrell and Washington Counties)

Mid Coastal Region

Wednesday, November 7th, 2001
New Bern - Riverfront Convention Center
(Beaufort, Carteret, Craven, Hyde, Jones, Onslow, Pamlico, and Pitt
Counties)

Southern Coastal Region

Thursday, November 15th, 2001
Wilmington - UNC-Wilmington Warwick Center
(Brunswick, New Hanover, Pender, and Onslow Counties)

REGISTRATION REQUIRED - No Fee - Complete and return registration form or register online at

<http://www.ncnerr.org/wqworkshop/>

LUNCH PROVIDED (For pre-registered participants at no cost)

More Detailed Agenda Coming Soon

For more info call Gloria Putnam , 919-733-5083, X567, Coastal Nonpoint Source Program Coordinator.

Sponsored By:

North Carolina Coastal Nonpoint Source Program, Division of Water Quality,
Department of Environment and Natural Resources (DENR)

Co-Sponsored By:

NC DENR Division of Coastal Management - NC National Estuary Research
Reserve Program,
NC DENR Division of Environmental Health,
NC DENR Division of Marine Fisheries,
NC DENR Division of Water Quality - Albemarle-Pamlico National Estuary
Program,
North Carolina Coastal Federation, and
North Carolina Association of County Commissioners

Wilmington

September 25

5:00 PM

New Hanover County Center

6206 Oleander Drive

(919) 733-5083 ext. 568

Directions:

The New Hanover County Center is located at the intersection of Greenville Loop Road and Highway 76 (Oleander Drive) in Wilmington. From I-40, take the US-17/US -74 exit towards Wilmington/Wrightsville Beach. Go east on US-17 N/US-74 E. Stay straight onto US-74 E. Turn right onto US-76 W (Oleander Drive). Go about 2 miles. The Center is on the left.

PROCESS - February 2002-April 2003

Once the draft language is prepared a second set of public meetings will be held in early 2002 to discuss the draft language. The language will be posted on this website. The Division will go to the Water Quality Committee in April 2002 and to the full Environmental Management Commission in May 2002 for permission to publish the Notice of Text and Hearing in the North Carolina Register. Public hearings will probably be held in July 2002. Following incorporating or addressing the public comments, the Hearing Officers will request that the Environmental Management Commission approve the rule changes. That will probably take place in September since the Commission does not meet in August. If the Environmental Management Commission approves the rules, then the rules are sent to the Rules Review Commission in October and to the Legislature in January. If the Legislature does not take any action related to the rules they will be final and effective on April 1, 2003. This site will be continually updated as the Triennial Review progresses.

For further information contact Dianne Reid by email or phone - 919-733-5083 extension 568.

REGISTRATION FORM
COASTAL WATER QUALITY WORKSHOPS 2001

Please register me for:

ELIZABETH CITY (Oct 31st) _____

NEW BERN (Nov 7th) _____

WILMINGTON (Nov 15th) _____

NAME: _____

AFFILIATION: _____

MAILING ADDRESS: _____

CITY _____ STATE: _____ ZIP _____

TELEPHONE NO: _____ FAX NO: _____

E-MAIL ADDRESS: _____

TITLE: _____

Please provide me with a vegetarian lunch _____

Send Registration Form to:

Lori Collins Davis

North Carolina National Research Reserve

135 Duke Marine Lab Road

Beaufort, NC 28516

FAX: 252-728-6273

Telephone: 252-728-2170

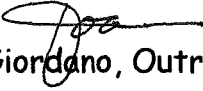
lori_davis@ncnerr.org

ALBEMARLE-PAMLICO NATIONAL ESTUARY PROGRAM

Public Involvement Office

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM:  Joan Giordano, Outreach Coordinator

SUBJ: Our Next Meeting - September 21, 2001

DATE: September 10, 2001

Hi folks,

This is a reminder that our next Roanoke River Basin Regional Council meeting is scheduled for **September 21, 2001** at **Claudine's Restaurant** in Rich Square. We will convene at **9:30 am** to conduct old business then proceed, as a group, to Lloyd Winslow's farm to tour our Riparian Zone Rehabilitation Demonstration Project. Those wishing to will then reassemble at Claudine's and have lunch.

Enclosed you will find the agenda for the upcoming meeting. Time has been scheduled for discussion on the Water Quality seminar that is tentatively scheduled for February 2002. We will review the proceedings of the seminar's planning meeting that took place at the Washington Regional office of the DENR.

Please make every effort to attend the meeting because your input and participation are important. Thank you for your continued participation and commitment to protecting the natural resources of the Roanoke River Basin and all of eastern North Carolina. I look forward to seeing you on September 21st and please drive safely.



Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

TO: Albemarle-Pamlico National Estuary Program
Management Conference Members

FROM: Joan Giordano, Public Involvement Coordinator

SUBJ: Boat Tour and Artifact Update - October 30, 2001

DATE: September 24, 2001

Michael F. Easley
Governor

William G. Ross Jr.
Secretary
Department of
Environment and
Natural Resources

Kerr T. Stevens
Director
Division of Water Quality

Guy Stefanski
Program Coordinator

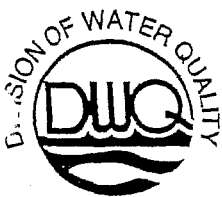
Joan Giordano
Outreach Coordinator

Hi Folks:

It's been some time since we've had the opportunity to send a memo to ALL participants in the Albemarle-Pamlico National Estuary Program (APNEP): Coordinating Council members, Regional Council members and other interested persons included in our database. We're very excited to be doing so today because this memo carries with it an invitation to participate in what can only be described as a GREAT environmental education and outreach opportunity.

As you can see by the enclosed agenda, we have been able to partner with the NC Division of Coastal Management in arranging for a boat tour and investigation of intertidal life at the Rachel Carson component of the NC Estuarine Research Reserve (NERR) at Beaufort, NC. This event is in partial fulfillment of the APNEP FY '00-'01 Workplan, and features a unique opportunity for hands-on activity in an area teeming with life.

Following the boat tour and intertidal investigation, we'll be the special guests of the NC Maritime Museum (also in Beaufort) for a private update on, and showing of, the artifacts raised from Blackbeard's sunken ship, the "Queen Anne's Revenge."



N.C. Department of Environment and Natural Resources
Division of Water Quality

943 WASHINGTON SQUARE MALL WASHINGTON, NORTH CAROLINA 27889 • PHONE: (252) 946-6481 EXT. 269 • FAX: (252) 975-3716
<http://h2o.enr.state.nc.us/nep>

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Because we are arranging for up to 25 participants, we are asking that each one be responsible for paying for the box lunch that will be provided - between \$7.00 - \$8.00. This amount will be collected on the day of the trip. Other than this cost, there is no other fee!

It's important that you reply to our invitation promptly (by October 15th) because we are taking reservations on a first-come, first-served basis. To do this, please contact Joan Giordano, at (252) 946-6481, Ext. 269, or Guy Stefanski at (919) 733-5083, Ext. 585.

We look forward to having you share in this unique and exciting opportunity. Should you have any questions, please do not hesitate to contact Joan or Guy at the telephone numbers listed above. Hope to see you soon!

The Albemarle-Pamlico National Estuary Program

Estuarine Research Reserve Boat Tour

and

Queen Anne's Revenge Archaeological Update

October 30, 2001

Beaufort, North Carolina

Agenda

"LIVING INTERTIDALLY"

Tour the Rachel Carson component of the NC National Estuarine Research Reserve (NERR) and learn about intertidal life

Guided by: Susan Lovelace, Education Coordinator, Amy Sauls, Coastal Education Specialist and Captain Doug Coker

- 10:30 am Overview of the NERR Program
Duke Marine Lab Auditorium - Piver's Island
- 11:00 am Board boat for ride across Taylor's Creek to Rachel Carson site
- 11:30 am Disembark boat for a closer look at the estuary
- 12:00 noon Box lunch on the islands (Dutch treat)
- 12:30 pm Continue educational tour of intertidal life. Learn about the System-wide Monitoring Program
- 2:30pm Return to dock and proceed to NC Maritime Museum - Downtown Beaufort

"BLACKBEARD: QUEEN ANNE'S REVENGE UPDATE"

- 3:00 pm Presentation by David D. Moore, Curator of Nautical Archaeology at the NC Maritime Museum
- 4:30 pm Depart for home



Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

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Governor

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Department of
Environment and
Natural Resources

Gregory J. Thorpe, Ph.D.
Acting Director
Division of Water Quality

Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator

TO: Roanoke River Basin Regional Council Members

FROM: Joan Giordano, Outreach Coordinator

SUBJ: Next Meeting - November 16, 2001

DATE: October 31, 2001

This is to remind you of our next meeting scheduled for November 16th at Claudine's Restaurant in Rich Square, beginning at 9:30am. I have enclosed the agenda, and ask that you be mindful of the items dealing with nomination of officers and the discussion of proposed "collective" demonstration project ideas.

It is essential that we accomplish these things on the 16th because our by-laws state that the election of officers will occur during January of each year; and also because I would like to have your ideas for the FY'01-02 "collective" demonstration project so I can share them with the other regional councils.

Lastly, I am also enclosing the minutes of our last (9/21/01) brief meeting which was held just prior to leaving for a tour of the Winslow farm and a first-hand look at our current demonstration project.

I look forward to seeing you on the 16th and, as always, thank you for your continued dedication and commitment to protecting the natural resources of eastern North Carolina.



N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

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<http://h2o.enr.state.nc.us/hep>



Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

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Gregory J. Thorpe, Ph.D.
Acting Director
Division of Water Quality

Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator

TO: Roanoke & Neuse River Basin Regional Council Members

FROM: Joan Giordano, Outreach Coordinator

SUBJ: APNEP Water Supply Seminar Preview

DATE: December 10, 2001

Hi Folks:

Please find enclosed the draft agenda pertaining to the upcoming APNEP Water Supply Seminar. The seminar is scheduled for March 15, 2002 at the East Carolina University Regional Development Institute-Willis Building, 1st and Reade Streets, in Greenville, NC.

I have tried to make the agenda as comprehensive as possible, based on input received during the planning meeting held at my office, in August. Please however, take a few minutes and look it over. Should you have comments or wish to include something I may have overlooked, please note your ideas right on the enclosed, and return it to me in the enclosed self-addressed, stamped envelope. Your help in crafting the agenda will make our seminar exactly what we want it to be! I would like your comments returned by December 31st.

And, as always, thank you for your continued commitment to protecting the beautiful and valuable natural resources of eastern North Carolina. Betty and I wish you the merriest of Christmas Holidays and the happiest and healthiest of New Years!



N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

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APNEP WATER SUPPLY SEMINAR

East Carolina University
Regional Development Institute-Willis Building
1st & Reade Streets
Greenville, North Carolina
March 15, 2002

AGENDA

Hydrology 101

Hydrologic Cycle (how water is purified & redistributed)
Aquifers (movement of water within aquifers; aquifers of eastern NC
Glossary of terms and maps (water science terms & maps of river basins and capacity use areas)
Hydrologic Units and Basin/sub-basin boundaries

Possible presenters: Michelle Volosin, DENR-GWS; Drs. D. Spruill, or S. Riggs, ECU

Historic Perspective & Current Conditions

NC Divisions of Water Quality and Water Resources

Water Quality and Quantity in the Neuse & Roanoke Basins

*Basinwide Planning, Modeling, Monitoring, Regulation

Water Supply Plan & Source Water Assessment Program (SWAP)

*Needs, use, availability

*Issues (Riparian rights, users, suppliers)

*Current and potential threats to public water supplies

Possible presenters: Nat Wilson, DENR-DWR; Surabhi Shah, DENR-Public Water Supply Section; Darlene Kucken, Callie Dobson, Cam McNutt, DENR-DWQ

Lunch (compliments of Weyerhaeuser Co.)

Legal & Economic Aspects

Regulating the use of water resources (Who, Where, How)

*Ground/surface water withdrawals; Capacity use areas; Interbasin transfers; Assimilative capacity

Possible Presenters: DENR-DWQ, DWR, GWS; Dr. Dick Spruill, ECU

Current Issues

Water supply concerns

*Environmental impacts of them in the Neuse & Roanoke basins

*Municipal and industrial water supply and wastewater needs

*Alternative water supply sources-Eagle Water Company 's regional water supply system

Possible Presenters: DENR-DWR, DWQ; selected municipal and industrial reps

Next Steps

APNEP Regional Councils

Adjourn



Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

Michael F. Easley
Governor

William G. Ross Jr.
Secretary
Department of
Environment and
Natural Resources

Kerr T. Stevens
Director
Division of Water Quality

Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator

TO: All APNEP Regional Council Members

FROM: Joan Giordano, Outreach Coordinator

SUBJ: Upcoming Events

DATE: January 8, 2002

Hi Folks:

I hope each of you has enjoyed a wonderful Holiday Season! Mine was particularly wonderful because we were blessed with our first grandchild!

Since returning to work, I have been made aware of two events that I thought I'd bring to your attention. The first is a shoreline erosion control workshop and the other is a workshop devoted to best management practices for water quality in coastal communities. I'm including relevant information regarding content and registration procedures, for both.

I hope you find this information useful and will consider attending one or both of the events. Should you have questions, please call the NC Coastal Federation (NCCF) whose contact information is provided with this material.

As always, thank you for the dedication and commitment you demonstrate in protecting the beautiful and valuable natural resources of eastern North Carolina. I look forward to seeing you soon!



N.C. Department of Environment and Natural Resources
Division of Water Quality

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<http://h2o.enr.state.nc.us/hep>

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Marine Contractors, Earth Movers, Engineers, Agency Staff,
Local Governments and Planners will want to attend this FREE event:

New Shoreline Erosion Control Options: A Hands-On Workshop

Hammocks Beach State Park Headquarters, Swansboro, NC
Wednesday, January 30, 2002

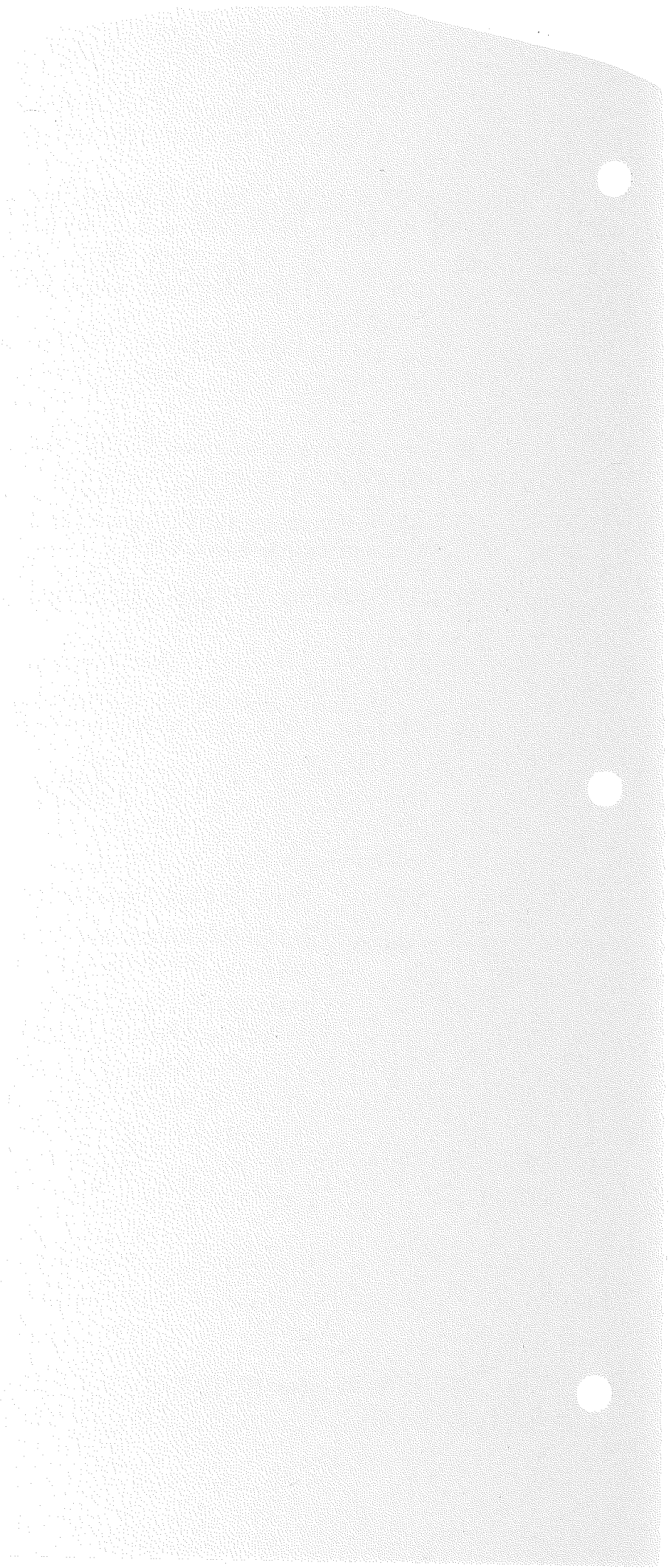
- Learn about design options, economic considerations, permitting, and benefits of alternatives to bulkheading and traditional shoreline control. *Tour an on-site Shoreline Project!*
- Pre-registration required. Lunch is provided at no charge to pre-registered participants. Seating is limited so call and reserve yours today!
- Call 800-232-6210 or email nccf@nccoast.org to register or to receive more information.

Event co-sponsored by:

NC Coastal Federation, NC Division of Coastal Management, NC Division of Marine Fisheries,
NC Division of Water Quality, NC Wildlife Resources Commission, US Environmental Protection Agency

Agenda

- 9:30 am Registration
- 9:50 am *Welcome:* Sam Bland, Superintendent, Hammocks Beach State Park
- 10:00 am *Shoreline Stabilization Trends and Issues in the Estuarine Environment*
Anne Deaton, Marine Biologist, NC Division of Marine Fisheries
- 10:15 am *Comparison of Fish Communities Along Rip Rap and Bulkheaded Shorelines*
Christian Waters, Fisheries Biologist, NC Wildlife Resources Commission
- 10:30 am *Design Options for Alternatives to Bulkheading*
Tracy Skrabal, Senior Scientist, NC Coastal Federation and Scott Hardaway, Coastal Geologist, Virginia Institute of Marine Science
- 12:00 pm *Permitting Potential Projects*
Charles Jones, Assistant Director, NC Division of Coastal Management
- 12:15 pm *Economic Considerations and Changing Markets*
Scott Hardaway, Coastal Geologist, Virginia Institute of Marine Science
- 12:30 pm Lunch and Question and Answer Session
- 1:00 pm Site Visit: Hammocks Beach State Park Shoreline
- 1:30 pm Adjourn



Best Management Practices for Protecting Water Quality in Coastal Communities

New Bern Riverfront Convention Center, New Bern
February 26 and 27, 2002

Many coastal communities are becoming increasingly concerned about stormwater runoff. Polluted stormwater degrades shellfish beds and swimming waters, floods neighborhoods and streets, and places increasing regulatory liabilities on local governments. New federal rules are now being implemented that require many coastal communities to obtain wastewater discharge permits for their stormwater outfalls. Through this program, local governments are responsible for protecting and restoring water Quality based upon standards established by the Federal Clean Water Act.

This workshop will help state and local government officials, their employees and consultants, and their constituents to more fully understand these emerging stormwater management issues and requirements. Coastal water quality trends and challenges will be discussed. Successful strategies used in Connecticut, South Carolina and Florida to prevent and control stormwater pollution will be examined. EPA officials will explain and answer questions regarding the new Phase II NPDES stormwater program legal framework and requirements. Elements of a model Phase II program will be explored.

Finally, greener development practices that protect water quality, habitat and open space will be explained by one of the nation's most respected designers.

Policy makers, scientists, planners, consultants, engineers, government officials, educators and citizens are encouraged to attend this day and a half event.

Registration is \$30.00 for the entire event and includes Tuesday's lunch and reception. Please complete form below and return to NCCF by February 21st.

Name	Affiliation		
Address	City	State	Zip
Email	Day Phone		

I will be attending the following: Tuesday Session (includes lunch)
Tuesday Reception
Wednesday Session

Please make check payable to NCCF and mail to 3609 Hwy 24, Newport, NC 28570. Credit card registrations may call 800-232-6210 or fax form to (252) 393 7508. Space is limited, early registration is recommended. Special workshop accommodation rates are offered at the Bridge Pointe Inn (252) 636-3637 under code "EPA Workshop". Availability is guaranteed until January 25.

This workshop was organized by the North Carolina Coastal Federation with funding by the US EPA

Event co-sponsored by:

East Carolina Community Development Inc.
NC American Society of Landscape Architects
NC American Planning Association
NC Association of Environmental Professionals
NC Coastal Federation
NC Division of Coastal Management
NC Division of Environmental Health's Shellfish Sanitation Section
NC Division of Water Quality
NC League of Municipalities
UNC Sea Grant
US Environmental Protection Agency
Watershed Education for Communities and Local Officials (WECO), NC
Cooperative Extension Service
Water Resources Research Institute

Organizers of the workshop have applied to the ASLA Board for NCASLA Continuing Education Units.

AGENDA

Tuesday, February 26

9:30 am Registration: Lobby, New Bern Convention Center

10:00 am Welcome: Bill Cox, Chief, Watersheds and Non-Point Source Section, US Environmental Protection Agency

10:10 am Overview of Workshop Objectives: Lauren Kolodij, Program Manager, NC Coastal Federation

10:15 am The Coastal Water Quality Challenge: Pete Peterson, Chairman, Water Quality Committee of the NC Environmental Management Commission

10:30 am Successful Nonpoint Education For Municipal Officials (NEMO) Programs, including Natural Resource Planning, Site Design, and BMPs: Calvin Sawyer, Coastal Environmental Quality Specialist, South Carolina Sea Grant Extension Program and NEMO Partner

Noon Lunch

1:00 pm Elements of an Effective Stormwater Management Program: Eric Livingston, Chief, Bureau of Watershed Management, Florida Department of Environmental Protection

2:15 pm EPA Phase II Stormwater Rules, An Overview of the Legal Framework: Phil Mancusi, Associate Regional Counsel, Office of Water Legal Support, US Environmental Protection Agency

2:45 pm Break

3:00 pm EPA Phase II Stormwater Rules, An Overview of the Program's Structure: Mike Mitchell, Stormwater Coordinator, US Environmental Protection Agency

3:45 pm Potential Elements of a Model Phase II Stormwater Permit: Panel with Todd Miller, Executive Director, NC Coastal Federation; Dave Mayes, Stormwater Services Manager, Wilmington Stormwater Services; Paula Thomas, Environmental Policy Manager, NC League of Municipalities; Emily Farmer, Town Commissioner, Town of Emerald Isle

5:15 pm Wrap Up

5:30 pm Adjourn/Reception

Wednesday, February 27

8:30 am Coffee

9:00 am Welcome and Overview, Todd Miller, Executive Director, NC Coastal Federation

9:05 am Key Elements of Conservation Design: Randall Arendt, Senior Conservation Advisor, The Natural Lands Trust, Pennsylvania. Randall Arendt is a land use planner, site designer, author, lecturer, and an advocate of "conservation planning". He is author of more than 20 publications. He has presented slide lectures in 45 states and five Canadian provinces. He has designed "conservation subdivisions" for a wide variety of clients in 16 states.

10:05 am Question and Answer

10:30 am Break

10:45 am Green Ordinances

11:15 am Breakout Design Session, Randall Arendt

12:30 pm Adjourn

"Randall Arendt's approach to land use and public policy mechanisms for rural development have inspired designers and civic leaders worldwide. The power of his ideas resides in the fact that they are practicable, demonstrable, and delightful." - William A. McDonough, William McDonough and Partners.

North Carolina Coastal Federation
3609 Hwy 24 (Ocean), NC 28570
(252) 393 -8185
nccf@nccoast.org
www.nccoast.org



Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

TO: Roanoke River Basin Regional Council Members

FROM: Joan Giordano, Outreach Coordinator

SUBJ: Next Meeting - January 25, 2002

DATE: January 11, 2002

Hi Folks:

The next meeting of the Roanoke River Basin Regional Council will be held on January 25, 2002 at Claudine's Restaurant in Rich Square, beginning at 9:30am. The agenda is enclosed.

Plans for the Water Supply Seminar, being co-sponsored by the Neuse and Roanoke Regional Councils, are progressing nicely. Because I didn't hear from any of you regarding the draft agenda I mailed prior to the holidays, I'm assuming y'all are content with the overall plan for the Seminar. I'd like to talk more about it at our next meeting.

I've arranged with Callie Dobson to have a number of the new (just printed!) Roanoke River Basinwide Water Quality Management Plans available for our next meeting. I know you'll be interested in seeing what your input generated. Possibly, Callie may be able to attend the meeting.

I look forward to seeing each of you and beginning another year of Regional Council work. I know sometimes, it appears as if we're not making progress. But then, as we see the fruit of our labor, as in our demonstration project or the Basinwide Plans, it all seems worthwhile. I'll see you on the 25th!

**N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY**

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Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

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Program Coordinator

Joan Giordano
Outreach Coordinator

TO: All APNEP Regional Council Members
FROM: Joan Giordano, Outreach Coordinator
SUBJ: Solicitation of Proposals
DATE: February 5, 2002

Greetings All!

EPA Region IV, located in Atlanta, has brought to my attention that they are currently soliciting proposals for funding through their FY02 Water Quality Cooperative Agreement dollars. It is expected that they will award between \$300,000 and \$450,000 for projects focused on the restoration of impaired waters. Because our Regional Council composition is so varied, and these funds are intended for specific audiences, I felt some of you might be interested.

In addition to the actual solicitation notice and instructions for applying, I have included a copy of the 303(d) list of impaired waters that pertain specifically to your basin. Knowing which areas are being focused upon will undoubtedly help you in developing your proposals for projects.

Should you have questions concerning the procedure or need any additional information, please direct your request to the parties named in the enclosed material.

I wish you much luck should you decide to apply, and look forward to seeing each of you soon.



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DIVISION OF WATER QUALITY**

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<http://h2o.enr.state.nc.us/nep>

SOLICITATION FOR PROPOSALS

FY'02 Water Quality Cooperative Agreement Funds

Attached is a solicitation for proposals for funding through FY 02 Water Quality Cooperative Agreements. EPA Region 4 expects to award a total of \$300,000 to \$450,000 for projects in priority watersheds to restore impaired waters. Priority watersheds are those containing waters identified as impaired on 303(d) listed waters or Tribal documentation. Within this universe of eligible project areas, priority will be given to watersheds with an established watershed plan, to the extent that the proposed project supports the watershed plan. Further priority will be given to proposals that focus on building capacity to address one or more of the following program areas: concentrated animal feeding operations, combined sewer overflows, sanitary sewer overflows, storm water, biosolids management and wetlands protection.

Proposals are due April 2, 2002. Eligible entities include state water quality agencies, interstate agencies, Indian Tribes, colleges and universities, and other public or nonprofit agencies and organizations. Eligible applicants may request from \$50,000 to \$150,000 per proposal. Additional priorities and explanation is provided in the attached solicitation, which applicants are strongly encouraged to read and follow in preparing project proposals. We are submitting a federal register notice regarding the availability of these funds, and will be posting the solicitation on our web site at:

<http://www.epa.gov/region4/water/pgtab/cooperativeagreement.html>

Please feel free to contact me if you have questions or need additional information.

Betty Barton
Funding Coordinator
Water Management Division
EPA Region 4
404/562-9381
barton.betty@epa.gov



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4
Atlanta, Georgia

January 22, 2002

Solicitation of Project Proposals for

FY 02 WATER QUALITY COOPERATIVE AGREEMENTS

Summary: EPA Region 4 is soliciting proposals from state water pollution control agencies, interstate agencies, tribes, and other public or nonprofit private agencies, institutions and organizations interested in applying for Federal assistance for Water Quality Cooperative Agreements. For Fiscal Year 2002, the Region expects to allocate \$300,000 - \$450,000 to fund from two to nine projects that support the restoration of impaired water bodies in priority watersheds. Supplemental awards of existing projects are eligible to compete with proposals for new projects. *Project proposals must be postmarked or sent by electronic mail by 5:00 P.M. Eastern Time on April 2, 2002.*

This solicitation is organized into the following sections:

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1. Introduction

The Water Quality Cooperative Agreements Program is authorized by 33 U. S. C. 1254(b)(3) [Public Law 100-4], which authorizes EPA to award Water Quality Cooperative Agreements for investigations, experiments, training, demonstrations, surveys, and studies relating to the causes, effects, extent, prevention, reduction, and elimination of pollution. This federal financial assistance program is identified in the Catalog of Federal Domestic Assistance as CFDA #66.463.

2. Available Funding and Nonfederal Match

Applicants may request \$50,000 to \$150,000 per project proposal and may submit more than one proposal. EPA anticipates funding two to nine projects totaling \$300,000 to \$450,000 in Water Quality Cooperative Agreement funds. A five percent nonfederal match is strongly encouraged, and may be provided in the form of cash or in-kind services, such as staffing. Nonfederal match will be calculated as follows:

nonfederal share divided by total project costs x 100.

3. Eligibility Criteria and Priorities

- a. **Eligible Applicants.** State water pollution control agencies, interstate agencies, Tribes, colleges and universities, and other public or nonprofit private agencies and organizations are eligible to submit project proposals.
- b. **Eligible Project Areas.** All projects must be implemented within the geographic boundaries of EPA Region 4, which includes the states of Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee and some Tribal lands. To be eligible, the project area must be within a watershed that contains one or more priority water bodies identified on a 303(d) List of Impaired Waters or documented as impaired by an Indian Tribe in the Region. Examples of acceptable plans include local watershed plans, total maximum daily load implementation plans, and river basin plans.
- c. **Eligible Activities.** Eligible activities are those that support the restoration of impaired waters in priority watersheds. Priority will be given to watersheds which are 11-digit or 14-digit Hydrologic Unit Codes, and watersheds with established implementation plans for improving or restoring water quality. Examples of eligible activities include watershed coordination, education, and evaluation of the effectiveness of best management practices in preventing or reducing water pollution. EPA will also give priority to projects which actively involve stakeholders and focus on one of the following program areas: concentrated animal feeding operations, sanitary sewer overflows, combined sewer overflows, storm water, wetlands protection, or biosolids management. Further priority will be given to activities that directly support the implementation of existing implementation plans to improve or restore water quality. In order to receive maximum benefits from the limited funds available, priority will be given to projects which build capacity to protect the watershed, and projects which result in methodologies or outputs that can be used in other watersheds.

4. **Project Budget Periods.**

Project budget periods will not exceed two years. For planning purposes applicants can assume an award date of October 15, 2002, and a project completion date of October 14, 2004. EPA will work with successful applicants to adjust these dates as needed prior to award of funds.

5. **Proposal Format**

Applicants should submit an abstract and project proposal following the guidelines provided in this section.

The abstract, not to exceed one page, should contain the following information:

Project title, name of applicant, location of the project area, identification of the water quality impairment as described in the 303(d) List of Impaired Waters or Tribal documentation, amount of funds requested, project objectives, and program area being addressed. Priority program areas are concentrated animal feeding operations, sanitary sewer overflows, combined sewer overflows, storm water, wetlands protection, and biosolids management.

The project proposal, not to exceed five pages, should contain the following information:

- a. ***Title of Project.***
- b. ***Name of Applicant and Point of Contact.*** Include the name of the applying agency or organization and a point of contact, including name, address, phone number, fax number and, if available, an electronic mail address.
- c. ***Federal Amount Requested.***
- d. ***Nonfederal Match Commitment.*** State the amount of nonfederal match commitment and identify the entity providing the nonfederal match.
- e. ***Project Objective(s).***
- f. ***Project Area.*** Provide the Hydrologic Unit Code(s) or other geographic information to describe the boundaries of the project area.
- g. ***Water Quality Impairment.*** Briefly describe the water quality impairment, including a reference to a 303(d) List of Impaired Waters or Tribal documentation. Include the title, date, and page number of references.

- h. **Watershed Implementation Plan.** Identify the watershed restoration implementation plan (title, author, and date) which the project supports. Explain how the proposed project supports implementation of the plan.
- i. **Project Scope.** Describe the activities which are proposed for funding, including an explanation of the approach or methodology to be used to achieve the project objectives and any innovative aspects of the project.
- j. **Outputs, Expected Outcomes, and Project Milestones.** Describe project outputs which would be delivered to EPA upon project completion, overall outcomes expected from project implementation, and key project milestones with dates.
- k. **Roles and Responsibilities.** Describe the roles and responsibilities of key personnel involved in implementing the proposed project. If the project is dependent on technical assistance from EPA, explain.
- l. **Budget.** Include two project budgets as described below, including EPA and nonfederal funds. Each budget should clearly distinguish EPA funding from nonfederal project funding.
- m. **Budget by object class.** The object classes are salary, fringe, travel, supplies, equipment, contractual, other, and indirect. Provide adequate supporting information to allow reviewers to verify that all costs are reasonable. For example, if the budget includes staffing, specify the type of position(s), number of staff-years and annual salary excluding fringe, or the hourly rate excluding fringe and estimated number of hours.
 - i) **Budget by activity or workplan component.** Indicate the amount of EPA funds and nonfederal match funds to be expended on each activity. Examples of workplan components could include water quality modeling, water quality monitoring, and/or stakeholder education.
- n. **Additional Questions.** Include responses to the following questions:
 - i. Is this a continuation of a previously funded project? If so, provide the title, assistance agreement number, and project status.
 - ii. Will the project build capacity to protect the watershed? If yes, explain.
 - iii. Will the project result in data on the effectiveness of best management practices to improve or protect water quality? If yes, explain.
 - iv. Can the methodology, results, or lessons learned from this project be transferred to other watersheds? If yes, explain.

- v. Will the project involve the collection of identical information from ten or more persons? If yes, briefly describe the type of information to be collected, target audience, and how the information will be used.

6. **Proposal Submittal Instructions and Deadline**

Proposals must be submitted by a representative of the applicant's agency or organization who is authorized to commit resources and apply for funds on behalf of the applicant. Two copies of the proposal should be sent to Dorothy Rayfield, Chief, Grants and Technical Assistance Section, Water Management Division, EPA Region 4, 61 Forsyth Street, S.W., Atlanta, Georgia 30303-8960. Proposals may also be transmitted via electronic mail at rayfield.dorothy@epa.gov. It is not necessary to submit a grant application (Standard Form 424A and B) with the proposal. Successful applicants will receive further instructions for submittal of final workplans and grant applications.

7. **Proposal Evaluation and Selection Process**

- a. **Initial Screening and Disqualification.** There are several conditions which will result in disqualification. Proposals postmarked or sent by electronic mail after 5:00 p.m. Eastern time on April 2, 2002; requesting more than \$150,000; or proposing projects that will not be completed by October 15, 2004, will be disqualified. In addition, proposals will be disqualified if the abstract does explain how the project area meets the eligibility criteria provided in Section 3.b., Eligible Project Areas. Finally, proposals submitted by ineligible applicants and proposals that suggest inappropriate procurement procedures such as preselection of contractors will be disqualified.
- b. **Proposal Evaluation.** Proposals will be reviewed by EPA staff, scored using the established ranking criteria, and ranked according to the total score. Final project selection will be made by the Director of EPA Region 4 Water Management Division. EPA reserves the right to reject all proposals and make no awards.
- c. **Ranking Factors.** Key ranking factors and their relative weights are as follows:
 - i. **Priority Project Area:** 20% of the total weight will be based on the extent to which the project area is consistent with priorities identified in Section 3.b, Eligible Project Areas.
 - ii. **Priority Activity:** 25% of the total weight will be placed on the extent to which the proposed project addresses priorities identified in Section 3.c., Eligible Activities.

- iii. *Likelihood of Success:* 15% of the total weight will be based on extent to which the proposal demonstrates that the applicant has the ability and/or qualifications to implement the project; the appropriate players are involved; and the roles and responsibilities of key personnel are clear.
- iv. *Budget:* 10% of the total weight will be based on the information presented to explain and justify the amount of funds requested.
- v. *Approach or Methodology:* 10% of the total weight will be based on the information presented on the approach or methodology to be used to achieve project objectives, and the extent to which it is clearly explained and technically sound.
- vi. *Outputs, Anticipated Outcomes, and Milestones:* 10% of the total weight will be based on the extent to which the proposal clearly describes reasonable project outputs, expected outcomes, and milestones.
- vii. *Applicant Involvement/Commitment:* 5% of the total weight will be placed on the extent to which the applicant is actively involved in the project.
- viii. *Nonfederal Match:* 5% of the total weight will be based on the nonfederal match commitment. Applicants who commit to fund at least five percent of the total project costs will receive credit for a nonfederal match.

8. Notification of Applicants

By June 15, 2002, EPA anticipates notifying all applicants of the status of their proposals. Successful applicants will be provided instructions for submitting a grant application (Standard Form 424A & B, Application for Federal Assistance), supporting information, and a final workplan. The EPA web site provides an electronic application package and instructions which successful applicants will be required to follow to receive a Water Quality Cooperative Agreement. This web site can be accessed at <http://www.epa.gov/region4/grants/>.

9. Project Initiation

Upon receipt and approval of a final workplan and grant application from successful applicants, EPA will initiate the process of awarding a Water Quality Cooperative Agreement. Once the applicant has received and executed the Water Quality Cooperative Agreement, implementation of the project can begin, and costs can be incurred.

10. Applicable Regulations, Cost Principles, and Other Requirements

- a. **Regulations.** This financial assistance program is subject to the provisions of 40 Code of Federal Regulations (CFR) part 30 for institutions of higher education, hospitals, and other nonprofit organizations and 40 CFR part 31 for state, Tribal, and local governments. Disagreements will be resolved pursuant to 40 CFR part 30.63 for institutions of higher education, hospitals, and other nonprofit organizations and 40 CFR part 31 subpart F for state and local governments.
- b. **Cost Principles.** To be eligible for reimbursement by EPA, all costs must be directly related to the final project workplan approved by EPA. EPA will use the following Cost Principles in determining whether costs are allowable: for state, local, and/or Indian governments, OMB Circular A-87; for private nonprofit organizations other than institutions of higher education and hospitals, OMB Circular A-122; and for educational institutions, OMB Circular A-21.
- c. **Confidential Information.** Any confidential information submitted by the applicant should be clearly identified as confidential. EPA will make decisions on confidentiality in accordance with regulations at 40 CFR Part 2, subpart B.
- d. **Intergovernmental Review.** Proposals submitted through this program are subject to the provisions of Executive Order 12372, Intergovernmental Review of Federal Programs. Applicants whose projects are selected for funding should immediately contact the State Single Point of Contact for Federal Executive Order 12372 in their state to determine how to meet this requirement.
- e. **Quality Assurance and Quality Control.** If the proposed project includes environmentally related measurements or data generation, an EPA-approved Quality Assurance Management Plan is required. EPA will provide further guidance to successful applicants who are subject to this requirement.
- f. **Paperwork Reduction Act.** Proposed projects that include the survey or collection of identical information from ten or more persons are subject to the provisions of the Paperwork Reduction Act of 1995. Before collection of information can be initiated, EPA is required to obtain clearance from the United States Office of Management and Budget, which is likely to delay project start dates.

11. Schedule of Activities

This is the estimated schedule of activities for review of proposals and notification of selections:

April 2, 2002	Applicants submit proposals and abstracts to EPA.
June 2, 2002	EPA selects proposals and notifies applicants.
July 1, 2002	Successful applicants submit final workplans and grant application packages to EPA.
October 14, 2002	EPA awards Water Quality Cooperative Agreements.
October 15, 2004	Fund recipients complete projects.*

* If the grant is awarded later than October 14, 2002, project completion dates will be adjusted to allow a two-year project period.

12. Point of Contact

Questions may be directed to Dorothy Rayfield, Chief of the Grants and Technical Assistance Section, at rayfield.dorothy@epa.gov or 404/562-9278.

ROANOKE River Basin

Part 1

Waters for which TMDLs are required.

Name & Description	Class	Index #	Subbasin	Total Miles (Acres)	Use Rating	Cause of Impairment	miles	acres	Approach	Potential Sources	Priority TMDL Status
<i>Rivers, Streams and Creeks</i>											
Marlowe Creek From source to Storys Creek	C	22-58-12-6	30205	2.7	PS	Copper	2.7		TMDL	Municipal Pretreatment (indirect dischargers) Minor Non-municipal	Low

Note: This creek has a 7Q10 of 0 and a 30Q2 of 0.1 cfs. The Roxboro WWTP effluent dominates the receiving stream. The latest 5 years of data (93-98) show a declining trend for copper. There is a rating curve for this creek at SR 1322 near Woodsdale.

ROANOKE River Basin

Part 1

Waters for which TMDLs are required.

Name & Description	Class	Index #	Subbasin	Total Miles (Acres)	Use Rating	Cause of Impairment	miles	acres	Approach	Potential Sources	Priority TMDL Status
Lakes											
Hyco Lake Person County	B	22-HYCO LAKE_PERSON	30205	(3750)	FS	Fish Advisory-Selenium	3,750		TMDL		Low Development
Roanoke Rapids Lake Northampton County	WSIV, B	23-ROANOKE RAPIDS LAKE_NORTH MPTON	30208	(4893)	PS	Aquatic Weeds	4,893		TMDL		High

ROANOKE River Basin

Part 3

TMDL has been approved by EPA. Not yet meeting standards.

Name & Description	Class	Index #	Subbasin	Total Miles (Acres)	Use Rating	Cause of Impairment	miles acres	Approach	Potential Sources	Priority
Rivers, Streams and Creeks										
Roanoke River From Roanoke Rapids Dam to a point 0.6 mile upstream of N.C. Hwy. 48 bridge	WS-IV	23-(25)		1.0		Fish Advisory-Dioxins	1.0	Approved		
Note: TMDL for dioxins approved by EPA 11-4-1996.										
Roanoke River From a point 0.6 mile upstream of N.C. Hwy. 48 bridge to a line across river 50 feet downstream of N.C. Hwy. 48 (City of Roanoke Rapids, Town of Weldon water supply intakes)	WS-IV CA	23-(25.5)		0.6		Fish Advisory-Dioxins	0.6	Approved		
Note: TMDL for dioxins approved by EPA 11-4-1996.										
Roanoke River From a line across the river 50 feet downstream from N.C. Hwy. 48 bridge to 18 mile marker at Jamesville	C	23-(26)		110.9		Fish Advisory-Dioxins	110.9	Approved		
Note: TMDL for dioxins approved by EPA 11-4-1996.										
Roanoke River From 18 mile marker at Jamesville to Albemarle Sound (Batchelor Bay)	C Sw	23-(53)		18.3		Fish Advisory-Dioxins	18.3	Approved		
Note: TMDL for dioxins approved by EPA 11-4-1996.										
Welch Creek From source to Roanoke River	C Sw	23-55		13.6		Fish Advisory-Dioxins	13.6	Approved		
Note: TMDL for Dioxins approved by EPA 11-4-1996.										

ROANOKE River Basin

Part 4

Regulatory controls other than TMDLs expected to result in meeting standards by next listing.

Name & Description	Class	Index #	Subbasin	Total Miles (Acres)	Use Rating	Cause of Impairment	miles <u>acres</u>	Approach	Potential Sources	<u>Priority</u>
Lakes										
Belews Lake Rockingham County	WSIV,B,C	22-BELEWS LAKE_ROCKIN GHAM	30201	(4030)	FS	Fish Advisory-Selenium	<u>4.030</u>	OTHER		<u>High</u>

Note: Discharge removed from Belews Lake May, 1985. Although it will probably take a long time for selenium levels to fall in fish tissue, no further controls are needed.

ROANOKE River Basin

Part 5

Biologically impaired waters. Pollution/pollutant monitoring will place waters on Part 1 or Part 2.

Name & Description	Class	Index #	Subbasin	Total Miles (Acres)	Use Rating	Cause of Impairment	miles	acres	Approach	Potential Sources	Priority
Rivers, Streams and Creeks											
Marlowe Creek From source to Storys Creek	C	22-58-12-6	30205	2.7	PS	Historical listing for 'sediment' based on biological impairment	2.7		PPI	Municipal Pretreatment (indirect dischargers) Minor Non-municipal	Low
Note: This creek has a 7Q10 of 0 and a 30Q2 of 0.1 cfs. The Roxboro WWTP effluent dominates the receiving stream. The latest 5 years of data (93-98) show a declining trend for copper. There is a rating curve for this creek at SR 1322 near Woodsdale.											
Nutbush Creek (Including Nutbush Creek Arm of John H. Kerr Reservoir below normal pool elevation) From source to Crooked Run	C	23-8-(1)	30206	2.0	PS	Cause Unknown	2.0		PPI	Municipal Pretreatment (indirect dischargers) Urban Runoff/Storm Sewers	Low
Smith Creek From source to North Carolina-Virginia State Line	C	23-10	30207	11.6	PS	Historical listing for 'sediment' based on biological impairment	11.6		PPI	Agriculture	Low
Quankey Creek From source to Roanoke River	C	23-30	30208	19.4	PS	Cause Unknown	19.4		PPI	Municipal Point Sources Minor Non-municipal Harvesting, Restoration, Residue Management Dam Construction Natural Sources	Low

ROANOKE Summary

Total waterbody-pollutant/pollution combination miles:	182.8
Total waterbody-pollutant/pollution combination acres:	12,673
Number of waterbody-pollutant/pollution combinations:	13

Approach Key

TMDL	Total Maximum Daily Load. Proper technical conditions exist to develop a TMDL for this waterbody/pollutant. Usual approach for nutrients, low dissolved oxygen, fecal coliform and metals.
MS	Management Strategy. A management strategy will be developed for this waterbody and pollution combination. Usual approach for habitat degradation (sediment, hydromodification, channelization, etc.).
PPI	Problem Parameter Identification. Biologically impaired waters will be monitored to determine cause of impairment (pollutant/pollution).
HOLD	The proper technical conditions do not yet exist to develop a TMDL. Usual approach for fecal coliform impaired estuarine areas and impaired lakes that have been drained.



Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

TO: Neuse and Roanoke River Basin Regional Council Members

FROM: Joan Giordano, Outreach Coordinator

SUBJ: Water Supply Seminar - March 15, 2002

DATE: February 19, 2002

Hi Folks,

Enclosed is the agenda for our Water Supply Seminar scheduled for March 15th in Greenville. As indicated, we'll gather at East Carolina University's Regional Development Institute (RDI, also known as the Willis Building) located at the corner of 1st and Reade Streets. This is a one-story, flat roofed, brick building directly across from the Greenville Town Commons, along the Tar River. I have enclosed a map for your convenience.

Following a brief coffee and "get acquainted" period, we'll begin the seminar at 9:00am. As you can see, the agenda is an ambitious one! Because the topic of water supply has been of great interest and concern to the Neuse and Roanoke Regional Councils for some time, we are hoping the breadth of agenda topics will provide answers to your questions and concerns. We have assembled an impressive array of experts to make presentations and to engage attendees in conversation.

It is of utmost importance that you respond by mail, e-mail, telephone or FAX to this invitation to confirm your attendance. This is necessary for three reasons: limited accommodations; securing a firm number for the caterer; and to preserve the intended "dialogue" format of the seminar. I've enclosed my business card that shows all the pertinent information needed for responding.

It is with great pleasure and anticipation that the Albemarle-Pamlico National Estuary Program (APNEP) presents this opportunity. We look forward to seeing you and to engaging in an informative and satisfying day.

Michael F. Easley
Governor

William G. Ross Jr.
Secretary
Department of
Environment and
Natural Resources

Gregory J. Thorpe, Ph.D.
Acting Director
Division of Water Quality

Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator



N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

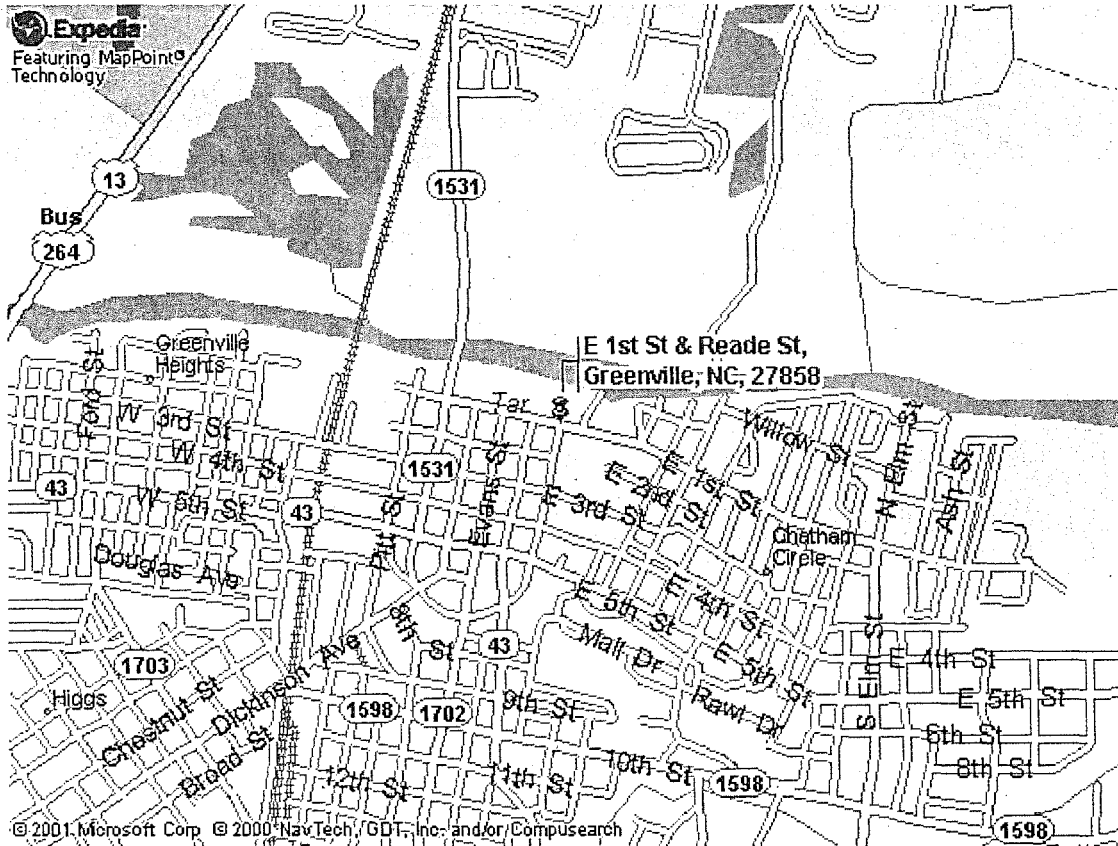
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<http://h2o.enr.state.nc.us/nep>

APNEP WATER SUPPLY SEMINAR
ECU-Regional Development Institute (Willis Building)
 1st & Reade Streets
 Greenville, North Carolina
 March 15, 2002

AGENDA

8:30	Coffee	
9:00	Welcome & Introduction of Speakers	Joan Giordano, APNEP-DWQ
9:10	"Hydrology 101" The Hydrologic Cycle - Where water comes from & goes	Dr. Richard Spruill, ECU Dept. of Geology
	Position of Fresh Water-Saltwater Interface in Aquifers	Michelle Volosin, DWQ-Ground Water Section
10:00	Neuse & Roanoke Basinwide WQ Management Plans (basinwide planning, modeling, monitoring & regulation)	Callie Dobson, DWQ - Basinwide & Estuary Planning Unit
10:30	Break	
10:45	Legal & Economic Aspects Regulating Water Usage - (ground/surface withdrawals; interbasin transfers; capacity use areas; assimilative capacity)	Dr. Richard Spruill, ECU Dept. of water Geology
11:30	Conditions/Issues-Neuse & Roanoke Basins (impacts of water supply; riparian rights; NC Water Supply Plan; threats to water supplies)	Don Rayno, Division of Water Resources
12:00	Lunch (provided)	
1:00	Wellhead Protection Municipal/Industrial/Rural Water Supply	Debbie Maner, NC Rural Water Association
1:30	SWAP-Source Water Assessment Program	Surabhi Shah, DEH Public Water Supply Section
2:30	Break	
2:45	Overview of PCS Phosphate Mining Operations	Tex Gilmore, Chief Geologist PCS Phosphate
3:00	Alternative Water Supplies	Eric Lappala, Eagle Water Co.
3:45	Next Steps APNEP Regional Councils	All
4:00	Adjourn	

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Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

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Acting Director
Division of Water Quality

Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator

TO: Roanoke River Basin Regional Council Members
FROM: *Betty* Betty Sandow, Public Outreach Assistant
SUBJ: Minutes of January 25, 2002 Meeting
DATE: February 22, 2002

Hi folks,

Enclosed are the minutes from our last meeting held on January 25, 2002 at Claudine's Restaurant in Rich Square. A big "thank you" goes out to those members who were present.

As indicated in the minutes, our next scheduled meeting will be held on April 12, 2002. Please make every effort to attend. A reminder notice and agenda for the meeting will be mailed as the meeting time draws closer.

Thank you for your continued commitment to protecting the beautiful and valuable natural resources of eastern North Carolina. We look forward to seeing you again on April 12.



N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

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Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

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Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator

TO: Agricultural Partners & Interested Parties

FROM: *Betty*
Betty Sandow, Public Outreach Assistant

SUBJ: EPA Solicitation for Proposals -
Strategic Agricultural Initiative

DATE: February 28, 2002

Hi folks,

Joan has recently been informed of a solicitation for proposal from EPA for grant money they have available and would like to share that information with you. The solicitation pertains to Strategic Agricultural Initiatives and is available to both state agencies and non-profit organizations.

Enclosed you will find the solicitation notice and instructions for applying. Should you have questions concerning the procedure or need any additional information, please direct your request to the parties named in the enclosed material.

Good luck to you should you decide to apply. If you are not interested, please pass this on to someone you feel may be.



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Colleagues/Interested Parties:

Below please find a letter from Jeaneanne M. Gettle, the Chief for the U.S. Environmental Protection Agency (EPA) Region 4 Pesticides Section, announcing the availability of \$400,000 in grant funds for the Region 4 Strategic Agricultural Initiative.

The second document is the Request for Proposals detailing how to apply for the money. **THE DEADLINE FOR PROJECT SUBMISSIONS IS APRIL 1, 2002.** Please share this information within your organization with others who may be interested. This money is only available to state and nonprofit organizations in Region 4 which comprises Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina and Tennessee.

If you receive a duplicate announcement or are not the appropriate audience, my apologies. We appreciate your participation in this important program.

Lora Lee Schroeder
Pesticides Section
EPA Region 4
Atlanta Federal Center
61 Forsyth Street
Atlanta, GA 30303
ph: 404-562-9015
fax: 404-562-8973

Dear Agricultural Partners:

I am pleased to announce the availability of EPA grant funds for FY 2002 under the Strategic agricultural Initiative Program.

This grant opportunity is open to both state and non-profit organizations for the purpose of preventing or reducing pesticide pollution. Projects will develop pest management strategies which employ alternatives to harmful pesticides and assist agriculture in meeting both state and federal standards for safe food. These model projects will demonstrate and facilitate the adoption of farm management decisions and practices that provide growers with "reasonable transitions" away from the highest risk pesticides (those likely to be lost under implementation of the Food Quality Protection Act).

Projects should include as their strongest component risk reduction from highly toxic pesticides but may include promotion of other best management practices which ultimately lead to less reliance on pesticides. Grower demonstration projects are encouraged. Both education and research may be components of considered projects. The Region is particularly interested in projects addressing disease and weed control in crops such as Vidalia onions, small fruits, and peanuts. Descriptions of grants previously funded by Region 4 can be found at the Region 4 Pesticide home page at: GOTOBUTTON BM 1_ <http://www.epa.gov/region4/air/pesticides/> by selecting the "Strategic Agricultural Initiative" and the "Grant's Summary."

There is a total amount of \$400,000 dollars available for these projects and applicants may choose from two tiers of funding. The first tier is for \$100,000 or less grants. The second tier is for grants from \$100,000 to \$200,000. Proposals will only compete against other proposals in the same category. While matching funds are not required, it is strongly encouraged that projects leverage funds from other partners to make maximum use of resources.

The deadline for project submissions is April 1, 2002. All applicants will be notified of their status by telephone by April 15, 2002.

One hard copy of the grant proposal is to be submitted to:

Lora Lee Schroeder
U.S. EPA Region 4
Pesticides Section
12th Floor, Atlanta Federal Center
61 Forsyth Street
Atlanta, GA 30303-8960

Each proposal should contain a cover page, abstract, table of contents and proposal narrative. The proposal narrative should contain the project title, objectives, justification, literature review (if appropriate) approach and methods and impact assessment. Appendices should include literature cited (if appropriate), timetable, major participants, and a project budget sheet. More detailed information is attached.

Proposals should be typewritten, double spaced in 12 point or larger print using 8.5 x 11 inch paper. The page limit for the narrative section is ten (10). An electronic copy of your submission in Word Perfect 6/7/8 for Windows on a 3.5 "disk would be appreciated, although not required.

Should you have any questions about this grant opportunity or the requirements for submission, please contact Lora Lee Schroeder at 404-562-9015 or schroeder.lora@epa.gov.

Sincerely,

Jeananne M. Gettle
Chief
Pesticides Section

Strategic Agricultural Initiative Grants Project Grants 2002: Call for Proposals

The Strategic Agricultural Initiative Grants (SAIG) are administered by the U.S. Environmental Protection Agency (EPA) through the Regional Offices of EPA. The goal of SAIG is to reduce the risks from pesticides in agriculture, especially to children. Crops of concern may include fiber (ex: cotton and forestry) and nursery crops in addition to food crops. The identification and implementation of low-risk integrated crop/pest management options is desired. The Region 4 Pesticide Program is offering the following grant opportunities to interested and qualified parties.

Eligibility: Both state and non-profit organizations in Region 4 (AL, GA, FL, KY, MS, NC, SC, TN) are eligible to receive funding under the SAIG.

Requirements:

Funds and Matching Requirements:

Projects should include risk reduction from highly toxic pesticides as their strongest component but may include promotion of other best management practices, which ultimately lead to less reliance on pesticides. A holistic approach to pest management is encouraged which considers the entire ecosystem, including predator/prey ratio and soil health. A significant goal is to rapidly spread known technology and information about ways to reduce dependence on the more highly toxic pesticides. Outreach and grower demonstration projects are strongly encouraged. Both education and research may be components of considered projects. We are particularly interested in expanding the range of existing projects to include management options for disease and weed control in crops such as Vidalia onions, small fruits, and peanuts. If the project submitted builds on an existing project, please include a detailed explanation as to

how the additional funds will expand the scope of the current project. No matching funds are required, however it is strongly encouraged that projects leverage funds from other partners to make maximum use of resources.

In FY 02, there is approximately \$400,000 available for grants. The proposals will compete in one of two tiers of funding. The first tier will be for grants of \$100,000 or under. The second tier will be for grants from \$100,000 to a maximum of \$200,000.

Process: An EPA Region 4 Pesticide Program review team of at least four persons will evaluate all grants submitted and rank them according to the stated objectives.

Criteria: Proposals will be evaluated based on the following criteria:

1. Consistency of applicant's proposed project with the risk reduction goals of the SAI and goals for Region 4, Pesticide Program.
2. Likelihood that the project can be replicated in other areas by other organizations to their benefit.
3. Qualifications and experience of the applicant relative to the proposed project.
4. The applicant demonstrated experience in the field of the proposed activity.
5. Demonstration that the applicant has the properly trained staff, facilities and infrastructure in place to conduct the project.
6. Consistency of applicant's proposed project with the risk reduction goals of the SAI and goals for Region 4, Pesticide Program.
7. Provision for a quantitative or qualitative evaluation of the project's success at achieving the stated goals.
8. Demonstration that the project designed in such a way that it is possible to measure and document the results quantitatively and qualitatively.
9. Whether the applicant identifies the method that will be used to measure and document the project's results quantitatively and qualitatively.
10. Will the project assess or develop a means of measuring progress in reducing risk associated with the use of pesticides.

Duration: Project duration should not exceed twenty-four (24) months from the funded date.

Format: See "2002 Proposal Format" for details.

Deadline: Projects must be received at the Regional Office by close of business April 1, 2002. Applicants will be notified of their status by April 15, 2002.

MAILING ADDRESS:

Lora Lee Schroeder
U.S. EPA Region 4
Pesticides Section
12th Floor, Atlanta Federal Center
61 Forsyth Street
Atlanta, GA 30303-8960

IMPORTANT: Candidates receiving notice of favorable status on projects submitted will be required to submit a complete federal grant application package by May 15, 2002 in order to receive a funding award by the end of the federal fiscal year (September 30, 2002). Funding awards for grant applications received after May 15, 2002 may be delayed as much as six months or longer. There is also the possibility that federal funds may not be carried over into the next fiscal year and therefore be unavailable.

Strategic Agricultural Initiative 2002 Proposal Format:

Proposals must be typewritten, double spaced in 12 point or larger print using 8.5 X 11 inch paper with minimum 1 inch lateral and vertical margins. The page limit for the narrative section is ten (10) pages. Pages must be numbered in order starting with the proposal narrative and continuing through appendices. One original is required. An electronic copy is requested. Please submit the electronic copy on a 3.5" disk, "IBM" compatible, readable in Word Perfect WP6/7/8 for Windows.

Cover Page: Please use cover page format provided in Attachment A. Include the total duration of the project as well as the proposed duration for which funding is requested.

Abstract: The abstract shall be a stand-alone document, not to exceed one page, containing the specifics of what is proposed and what you expect to accomplish regarding measuring movement toward reducing pesticide risk and/or use or pollution prevention. It shall identify the measurable environmental results you expect including potential human health and ecological benefits.

Table of Contents: A one-page table listing the different parts of your proposal and the page number on which each part begins.

Proposal Narrative

(Parts I through VI not to exceed 10 pages)

I. **Project Title** - A brief description of the project.

II. **Objectives** - A numbered list (1, 2, etc.) of concisely written project objectives - in most cases, each objective can be stated in a single sentence.

III. **Justification** - For each objective, discuss the potential outcome in terms of environmental, human health, pesticide risk and/or use reduction or pollution prevention. If appropriate, the target pest(s) and crop(s) should be explicitly stated. This section should be numbered with a justification corresponding to each objective.

IV. **Literature Review** - Briefly describe relevant information currently available. This should also include information on projects currently in progress that are relevant or provide the basis for either the experimental design or the validation of a new approach to pest management.

V. **Approach and Methods** - Describe in detail how the program will be carried out. Describe how the system or approach will support the program goals.

VI. **Impact Assessment** - Please state how you will evaluate the success of the program in terms of measurable environmental results. What steps and measures will be taken to ensure that the ecosystems will be better protected as a result of the project?

Proposal Appendices

These appendices must be included in the grant proposal. Additional appendices are not permitted.

A. **Literature Cited** - List cited key literature references alphabetically by author.

B. Timetable - A timetable that includes what will be accomplished under each of the objectives during the project and when completion of each objective is anticipated.

C. Major Participants - This appendix should list all farmers/ranchers, farm/ranch organizations, researchers, educators, and conservationists and others having a major role in the proposal. Provide name, organizational affiliation or occupation (such as farmer) and a description of the role each will play in the project. A brief resume (not to exceed one page) should be submitted for each major researcher or other educator.

Project Budget

Project Period:	From:	To:		
Budget Category	Grant Funding	Other Funding	Total	
Personnel				
Fringe Benefits				
Travel				
Equipment				
Supplies				
Contractual				
Other (detail):				
Total				

Attachment A
COVER PAGE FORMAT

PROJECT TITLE:

PROJECT COORDINATOR:

Organization:

Address:

Telephone:

Email:

Fax:

PROJECT DURATION:



Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

Michael F. Easley
Governor

William G. Ross Jr.
Secretary
Department of
Environment and
Natural Resources

Gregory J. Thorpe, Ph.D.
Acting Director
Division of Water Quality

Guy Stefanski
Program Coordinator

Joan Giordano
Outreach Coordinator

TO: Roanoke River Basin Regional Council Members

FROM: Joan Giordano, Outreach Coordinator

SUBJ: Change in April 12th Meeting

DATE: April 5, 2002

Hi folks,

On April 17th, 18th and 19th, EPA representatives from Region IV in Atlanta, and Washington, DC, will visit with staff and participants in the APNEP in Raleigh and here in eastern North Carolina. Three members of the Roanoke RC, as well as members of the Pasquotank RC, will participate in hosting our visitors through participation in a tour of those Councils' demonstration project sites, and engaging in talks with them. EPA's visit is part of their review of our program with respect to CCMP implementation.

For this reason, we'll need to reschedule our April 12th meeting to sometime in mid-May. I hope this will not inconvenience you too much. I appreciate greatly the agreement of Jimmy Outland, Kay Winn and Mike Canada (for Jerry Holloman) to act as representatives of the Roanoke RC for EPA's visit.

Thanks for your understanding, and as always, thank you for your continued support and commitment to protecting the natural resources in eastern NC.



N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

943 WASHINGTON SQUARE MALL WASHINGTON, NORTH CAROLINA 27889 • PHONE: (252) 946-6481 EXT. 269 • FAX: (252) 975-3716
<http://h2o.enr.state.nc.us/hep>



Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

TO: Neuse and Roanoke River Basin Regional Council Members

FROM: *Betty*
Betty Sandow, Outreach Assistant

SUBJ: APNEP Water Supply Seminar Information Available

DATE: April 18, 2002

Michael F. Easley
Governor

William G. Ross Jr.
Secretary
Department of
Environment and
Natural Resources

Gregory J. Thorpe, Ph.D.
Acting Director
Division of Water Quality

Guy Stefanski
Program Coordinator

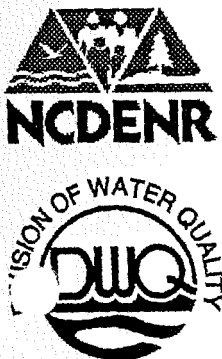
Joan Giordano
Outreach Coordinator

Hi folks,

We have some good news for those of you who were unable to attend the Water Supply Seminar on March 15. The seminar speakers have been most generous in providing us with copies of each of their presentations, which has allowed us to compile a notebook containing that information.

As water supply has been a major concern of both the Neuse and Roanoke councils, it is our desire to provide you with as much information as possible. At your convenience, please come by the office and view the collection. If there is a particular item of interest on the agenda of which you would like more information, let us know and we will try to make a copy of that particular item and send it out to you. It is cost prohibitive to mail out the entire collection.

The seminar was widely acclaimed as a success by all of those in attendance and your presence was greatly missed. Please give us a call if we can assist you in viewing the collection of presentations. And as always, thank you for your continued support and participation in protecting the wonderful natural resources of North Carolina.



N. C. DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

943 WASHINGTON SQUARE MALL WASHINGTON, NORTH CAROLINA 27889 • PHONE: (252) 946-6481 EXT. 269 • FAX: (252) 975-3716
<http://h2o.enr.state.nc.us/nep>



Albemarle-Pamlico National Estuary Program

MEMORANDUM

TO: All APNEP Regional Council Members

FROM: Joan Giordano, Outreach Coordinator

SUBJ: Solicitation of Proposals

DATE: June 6, 2002

Greetings All!

EPA Region IV, located in Atlanta, has brought to my attention a grant funding opportunity about which some of you may be interested.

Known as the Watershed Assistance Grants (WAG) program, it is being offered by the RiverNetwork. The program is intended to support the growth and sustainability (i.e., organizational capacity) of local watershed partnerships in the United States. For purposes of this program, a "watershed partnership" is defined as an inclusive, enduring, diverse, community-based group organized to identify and resolve watershed problems and issues. I feel the APNEP Regional Councils' structure and purpose comply with this definition, as may other environmental organizations or groups with which you are involved.

Included here, is all the information necessary for you to consider applying for one of the grants. Please keep in mind that the funds CANNOT be used for the direct purpose of on-the-ground restoration projects (i.e., purchasing of planting materials, tools, water-monitoring equipment), or for use or any effort to carry on propaganda or to influence legislation.

Please note the website address for the RiverNetwork that appears in the upper right-hand corner of the material enclosed. Should you have Internet capability, you might find this website of interest.

I wish you much luck should you decide to apply, and look forward to seeing each of you soon.

N.C. Department of Environment and Natural Resources

Division of Water Quality

1617 MAIL SERVICE CENTER, RALEIGH, NORTH CAROLINA 27699-1617 · PHONE: (919) 733-5083 EXT. 585 · FAX: (919) 715-563

<http://h2o.enr.state.nc.us/hep>

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Michael F. Easley
Governor

William G. Ross Jr.
Secretary
Department of Environment and
Natural Resources

Gregory J. Thorpe, Ph.D.
Acting Director
Division of Water Quality

Darlene Kucken
Program Coordinator

Joan Giordano
Outreach Coordinator



WAG 2002 Criteria and Application

(WATERSHED ASSISTANCE GRANTS)

****DEADLINE FOR WAG 2002****

(postmarked by) July 19, 2002

wag@rivernetwork.org

PLEASE NOTE:

The criteria and application information found below is the same material you would receive by contacting the RiverNetwork via phone or e-mail. There are no "forms" to submit; simply provide the information in the format requested.

Background

Throughout the nation communities are organizing to monitor, restore, and protect their water resources. Because waterways tie together the headwaters and the estuary, the land and the water, the forests, the farmland and the cities, the watershed has become the most practical unit for an ecosystem approach to resource issues. We depend on watershed health for drinking water, flood protection, irrigation, hunting and fishing, recreation, and other services that determine our quality of life. For these reasons, community-based partnerships that include representatives from each targeted stakeholder group (i.e. people with a particular interest) in the watershed are essential to identify and resolve the natural resource degradations in their respective watersheds.

Beginning in 1999, to serve the funding needs of these locally driven partnerships, RiverNetwork teamed up with the US Environmental Protection Agency (EPA) to institute the Watershed Assistance Grants (WAG) Program.

Purpose

The primary purpose of the Watershed Assistance Grants (WAG) program is to support the growth and sustainability (i.e., organizational capacity) of local watershed partnerships in the United States. For the purpose of this program, a "watershed partnership" is defined as an inclusive, enduring, diverse, community-based group organized to identify and resolve watershed problems and issues.

The work carried out by each grant recipient will target and fulfill the above purpose.

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Review Process

The WAG proposals are reviewed and chosen based upon the applicant's ability to meet the stated criteria. The review process is competitive: in the previous 3 years, 6% of the proposals were funded with award amounts ranging from \$1,000 to \$30,000. In 2002, River Network will distribute a total of \$200,000 ranging from \$1,500 to \$30,000. Applicants are encouraged to be conservative with the requested amount to fund their respective projects.

Collectively, the proposals funded will represent a variety of requested grant amounts, identified issues, targeted geographic locations, and applicant types (i.e. tribal entity, nonprofit organization, government agency, etc.). In 2002, there will a focus on partnerships working to develop restoration plans. The review committee consists of River Network staff and the national WAG Advisory Committee.

Timeline

- Proposals must be postmarked no later than July 19, 2002.
- Proposal review will occur from August 2002 to September 2002.

- The final grant recipients will be announced no later than December 2, 2002.

Before the final decisions are made, River Network will review the finalists' existing fiscal systems to ensure proper systems are in place to track and administer funds. Grant recipients will be required to sign a contract of agreement and submit mid-year and final reports. Grant funds are dispersed by reimbursement.

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Criteria

Note: The Watershed Assistance Grants are highly competitive. In the 3 previous years, River Network could fund only 6% of requests. Percentage of proposals funded in 2002 will depend upon the number of requests received.

All proposals selected for funding will:

- Explain how participants representing interests and perspectives reflective of a specific watershed community will be involved in developing sound approaches and lasting solutions to the identified problems.
- Identify one or more clearly defined watershed problems that the partnership will address.
- Establish realistic and clear goals and objectives.
- Establish a method for evaluating the immediate and long-term effects of the project.
- Focus on the development of the partnership and clearly demonstrate that proposed actions will increase the sustainability of the partnership.
- Produce a clear work plan, which describes the tasks to be accomplished and the time frame.
- Be completed in an 18-month period.

- NOT use funds for any efforts to carry on propaganda or to influence legislation.
- NOT use funds for the direct purpose of on-the-ground restoration projects (i.e., purchasing of planting materials, tools, water-monitoring equipment).

Preference will be given to applicants who also:

Please include:**I. COVER SHEET (1 page)**

Please address the items in the following order:

Applicant Information:

- Date of proposal
- Applicant organization
- Name of contact individual
- Contact information (address; telephone; fax; email)
- Fiscal Sponsor and contact information (if different from applicant organization)
- Organization type (nonprofit, tribal, governmental, etc.)
- Organizational budget (annual)
- An E-mail version of this application was/was not sent to "wag@rivernetnetwork.org". (if E-mailed, please include the date it was sent)

Project Information:

- Project Title
- Project Summary (50 words or less describing how the organizational capacity of the partnership will be increased upon completion of the proposed project)
- Name and size (i.e. acres or square miles) of watershed
- 8-digit Hydrologic Unit Code (HUC) of the identified watershed. *This information can be found at: www.epa.gov/surf2.*
- Requested Amount (not to exceed \$30,000)
- Project Duration (in months - not to exceed 18)
- U.S. Congressional Representative(s) from the identified watershed(s).

II. PROJECT PROPOSAL (3-5 pages)

Please address the items in the following order:

A. Project Background

1. *Land Uses*: List the primary land and water uses/users within the watershed
2. *Major Threats*: Describe the major threats to the watershed's natural resources and if known, their sources.
3. *Partnership Overview*: Briefly describe why and when the partnership was formed, its current status and any successes to date. Provide - if available - the mission of the partnership. Describe the interests that are or will be represented by stakeholders in the watershed partnership.

B. Project Goals

1. List, in bullet format, the goals of the proposed project.
2. Describe how the stated goals will:
 - a. Build and strengthen the watershed partnership (i.e., build its organizational capacity).
 - b. Increase the sustainability of the partnership during the grant period and beyond.
 - c. Increase the partnership's ability to monitor, restore and protect the watershed.

C. Project Strategies

1. List the specific tasks to be carried out and by whom.
2. Describe the products, if any, that will result from the project
3. Include a project timeline that identifies the projected dates for major milestones (assuming funds will be made available on Jan. 1, 2003).
4. Describe the qualifications of the project personnel to carry out the tasks.

D. Evaluation

1. Describe the process that will be used to evaluate the effectiveness and success of the grant.

III. ATTACHMENTS

A. Project budget: Include a detailed project budget. Indicate other sources of secure or potential funding or support (in-kind assistance) that will be applied to the project. Sample budgets can be found below.

B. Resume of project coordinator: Include a resume of the primary individual responsible for carrying out the proposed goals of the project. If primary individual has not yet been determined, please indicate as such.

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Sample Project Budget

Friends of Whiskey Bottom

GOAL: To hold a conference to bring targeted stakeholders together in the watershed to identify future restoration priorities.

Expense	Grant	In-kind	Total
Facilitator	\$1,000		\$1,000
Meals	\$750		\$750
Materials/Supplies	\$300		\$300
Promotion	\$500		\$500
Project Manager	\$1,500		\$1,500
Venue		\$2,000	\$2,000
Transportation		\$400	\$400
Copying Service		\$500	\$500
Speakers		\$2,000	\$2,000
Assistant Project Manager		\$1,200	\$1,200
Total	\$3,750	\$6,100	\$9,850

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Organizational Capacity Building

For the purposes of WAG, Organizational Capacity Building is:

Human resource development: equipping individuals with the understanding, skills and access to information, knowledge and training that enables them to effectively carryout the Partnership's mission.

This can include leadership development, surveying existing resources within or available to your Partnership, etc.

Organizational development: elaboration of management structures, processes and procedures, not only within your Partnership but also the management of relationships between the different organizations and sectors (public, private and community).

This can include strategic planning, involving more and different interests, strengthening existing relationships, etc.

Institutional and legal framework development: making legal and regulatory changes to enable organizations, institutions and agencies at all levels and in all sectors to enhance their capacities.

This can include the process of applying for nonprofit status, creating bylaws, etc., BUT NOT lobbying or lawsuits.

For the purposes of WAG, Organizational Capacity Building is NOT:

On-the-ground restoration projects
Equipment purchases
River Clean-ups
Water Quality Monitoring & Assessment Projects
Tree Plantings
Or similar activities...

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Is WAG for Us?
A Self Pre-Screen for Potential WAG Applicants

Watershed Assistance Grants are highly competitive. During the past 2 years, we have been able to fund only 5% of requests. To assist you in determining if your project meets our criteria, we have developed the following "pre-application self-test." A strong applicant should be able to truthfully answer "yes" to all of the questions:

Partnership Information

- Does/will the Partnership address long-term watershed conservation goals and objectives within a specific watershed?
- Does/will the work of the Partnership fulfill an important niche within the watershed?
- Is the primary objective of the proposed project to build a stronger, more sustainable, more functional partnership by focusing on capacity-building activities (as opposed to an on-the-ground restoration project?)
- Are the proposed goals realistic given your available resources and time-frame?
- Are/will the participants in the Partnership representative of various interests within your watershed? That is to say - are you (or will you be) a group of "unlikes" rather than "likes"?
- Does/will the Partnership involve local government and, if applicable, tribal governments?
- Is - or will the applicant be - a key, local stakeholder involved with the watershed partnership?

Financial Information

Are you:

- a 501(c)(3) Organization
- a tribal/local government OR
- do you have a fiscal sponsor who is willing to administer the funds?

Is the Partnership's operational budget less than or equal to \$200,000?

Do you have any other financial or in-kind support (including volunteer hours) for your proposed project?

Other

If awarded the funds, would this be your first Watershed Assistance Grant?

Can your proposed project be accomplished within an 18-month period?

****END****

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Albemarle-Pamlico National Estuary Program
North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor

William G. Ross Jr., Secretary

Bill Crowell, Director

Joan Giordano, Public Outreach Coordinator



MEMORANDUM

TO: All APNEP Regional Council Members

FROM: Bill Crowell *BC/BB*

SUBJECT: Program Update

DATE: September 2, 2002

It's been three months since I accepted the position of Director of the Albemarle-Pamlico National Estuary Program (APNEP). These have been three busy months that have flown-by and I wanted to update you on our progress.

During this time I've learned a lot about the potential this program has for making a real difference in the watershed. I'm also pleased to say that during the first three months we have accomplished much as a program. Specifically, the APNEP has moved from the Division of Water Quality to the Office of Conservation and Community Affairs (OCCA), within the Department of Environment and Natural Resources (DENR) - a move that heralds renewed program emphasis. We have held a Coordinating Council meeting, developed a Workplan for FY '03 and submitted it for approval to the US Environmental Protection Agency, designated official liaison staff between the APNEP and the NC Division of Coastal Management (DCM), the NC Sea Grant Program, the NC National Estuarine Research Reserves.

Additionally, we have developed a new program logo (above), a new easier to remember website address (www.APNEP.org). Allen Clark and the Citizens' Water Quality Monitoring Program are running strong and Boyce Hudson (OCCA) is assisting us with local government relations and program exposure throughout the watershed. Noah Hill is also working to develop a couple of cooperative projects with the Commonwealth of Virginia. We are also in the process of creating positions for additional program staff (Science Coordinator, Field Representative).

Another part of our programs "renaissance" includes a strategic planning process. We are currently working to identify a contractor to facilitate this effort. The date(s) should be set soon, we hope to hold it before year-end. APNEP's overall programmatic functioning will be examined, and the future, with respect to the Regional Councils and Coordinating Council, will be determined. That is to say, IF changes in such areas as committee composition, numbers, representation categories, focus, responsibilities, and geographic distribution are determined to be necessary for more effective functioning, the decisions will be made during the strategic planning effort.

1601 Mail Service Center, Raleigh, North Carolina 27699-1601
Phone: 919-715-1327 \ FAX: 919-715-3060 \ Internet: [www. http://h2o.enr.state.nc.us/nep/](http://h2o.enr.state.nc.us/nep/)

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Until these decisions are made, we will continue in somewhat of a "holding pattern" in terms of Regional Council meetings. Please use this downtime as an opportunity to "recharge your batteries" but also to continue to think about ideas for demonstration projects based on concerns/needs you have in your basin and what the program should be working towards. In the near future, Boyce Hudson, will be contacting each Regional Council Chair to introduce himself and talk about and collect views of the program. Boyce will also discuss the APNEP's complementary role to DENR's new initiative, *One North Carolina Naturally*. Please feel free to look over the, *One North Carolina Naturally* website at www.enr.state.nc.us/officeofconservation.

Thank you for your past and continued commitment to the APNEP and your unwavering dedication to protecting and restoring the beautiful and valuable natural resources of the Albemarle-Pamlico region.

List of Proposed Projects to begin in FY 2003

- Citizens' Water Quality Monitoring Program
- NC Stream Watch
- DENR Land and Water Conservation Initiative
- Demonstration Projects with Virginia
- Support of DWQ Basinwide Planning Efforts in APNEP Region
- Support of Coastal Non-point Source Pollution Program
- Support of FerryMon - *Monitoring of Water Quality by NC Ferrys*
- Support of DWQ Water Quality Monitoring Stations
- Conservation Easement Workshops
- Project WET (*Water Education for Teachers*)

- Polluted Run-off Campaign
- New Traveling Exhibit Materials
- Newsletter - *The Beacon*
- New APNEP Brochure
- Submerged Aquatic Vegetation Monitoring (SAV) (*continued*)
- Conservation Assessment for the Albemarle-Pamlico Region
- Estuary Live - National Estuaries Day
- Albemarle-Pamlico Estuary Conference
- Web Site Redesign
- Estuary Live - North Carolina
- Support of NEP National Campaigns
- Watershed demonstration project in each of the five river basins
- Miscellaneous Small Projects



Albemarle-Pamlico National Estuary Program
North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor

William G. Ross Jr., Secretary

Bill Crowell, Director

Joan Giordano, Public Outreach Coordinator



MEMORANDUM

TO: All APNEP Regional Council Members

FROM: Joan Giordano, Outreach Coordinator

SUBJ: EstuaryLive! Broadcast

DATE: September 2, 2002

Hi folks!

As you know from past communications, I sometimes send memos to members of all five APNEP Regional Councils making you aware of important activities, opportunities and information. Today's memo pertains to a program that offers a learning opportunity for adults and students alike. (Also, please note the separate listing of activities occurring in eastern NC this fall).

In observation of National Estuaries Day (October 5th), the nation's 28 National Estuary Programs (NEPs) are joining with the National Oceanic & Atmospheric Administration's (NOAA's) National Estuarine Research Reserves (NERRs), to broadcast EstuaryLive! via the Internet.

In NC, broadcasts will occur on October 1 -4, with the 3rd & 4th being the dedicated dates for national links. You'll be able to "visit" estuarine areas in Louisiana, Oregon, Washington, Florida, South Carolina, and New Jersey. On all four days, the APNEP is partnering with the Rachel Carson NERR (in Beaufort) which is administered, in part, by the NC Division of Coastal Management (DCM).

Participating in EstuaryLive! is equivalent to taking a field trip without ever having to leave your home! By using the Internet, participants can view various estuarine locales and ask questions of trained naturalists about what they are viewing. A fully interactive program, inquiries are answered, "on air", for the benefit of all viewers and communication is handled through the use of e-mail.

For more on this exciting program, log on to www.estuaries.gov and prepare for a virtual wonderland of opportunity! Then, on October 1-4, share it with your children, grandchildren, friends and neighbors. I'll see you there!

**Activities in the Albemarle-Pamlico Area Honoring
National Estuaries Day
October 5, 2002**

Goose Creek State Park:

- | | |
|------------------------|---|
| September 8 – 3:00 PM | “Wetland Hike”
(Emphasis on the importance of wetlands) |
| September 15 – 3:00 PM | “Animals of the Estuary”
(Discussion and display of estuarine animals) |
| October 13 – 3:00 PM | “Wetland Hike”
(Emphasis on the importance of wetlands) |

Meet at the Environmental Education Building at Goose Creek State Park located 10 miles east of Washington, NC. For more information, contact Jay Greenwood at (252) 923-2191.

NC Estuarium:

- | | |
|-----------------------------------|--|
| October 2, 3 – 10:00 AM & 1:00 PM | “Special River Roving honoring
National Estuaries Day”
(Guided tour of the Tar-Pamlico River
aboard the Aqualab pontoon boat) |
|-----------------------------------|--|

Reservations needed – contact Linda Boyer at (252) 948-0000. Ride is free with regular admission (\$3.00) to the museum. The NC Estuarium is located on the corner of Waters Street and Stewart Parkway in Washington, NC.

**Albemarle-Pamlico Citizens Water
Quality Monitoring Program:**

- | | |
|---|--|
| October 8, 2002 – 10:30 until
11:30 AM | “Water Quality Monitoring”
(Program with hands on experience to be
presented by Allen Clark at the NC
Estuarium on monitoring water quality.) |
|---|--|

Program will take place at the NC Estuarium located on the corner of Waters Street and Stewart Parkway in Washington, NC. Free with regular admission to the museum (\$3.00). For more information, contact Linda Boyer at (252) 948-0000.

Beaufort County "Big Sweep" Events:

(Contact Linda Boyer, Beaufort County's "Big Sweep" Coordinator, at (252) 948-0000 for more information)

NC Estuarium

"River Roving Big Sweep Cleanup"

September 18th & 19th at 10:30 AM & 1:00 PM

Ride is free with regular admission to museum (\$3.00)

Sign up by calling (252) 948-0000

Meet at the NC Estuarium located on the corner of Waters Street and Stewart Parkway in Washington, NC. For more information, contact Linda Boyer at (252) 948-0000.

City of Washington & Pamlico-Tar River Foundation (PTRF)

"Jack's Creek Big Sweep"

September 21st at 10:00 AM until 12:00 Noon

Meet at Haven's Gardens picnic area located at the end of Main Street, Washington, NC. Cleanup will begin at Haven's Park and proceed along Jack's Creek to the Seventh Street Gym. For more information, contact Mary Alzenter at (252) 946-7211 or Linda Boyer at (252) 948-000.

Goose Creek State Park

"Park Walk Big Sweep Cleanup"

September 22nd at 3:00 PM

Meet at the Environmental Education Building at Goose Creek State Park located 10 miles east of Washington, NC. For more information, contact Phoebe Wahab at (252) 923-2191. (Rangers are also available for cleanup & recycling programs during daytime hours – contact Ranger Wahab)



Albemarle-Pamlico National Estuary Program
North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor

William G. Ross Jr., Secretary

Bill Crowell, Director

Joan Giordano, Public Outreach Coordinator

Allen Clark, Citizens' Water Quality Monitoring Program



MEMORANDUM

TO: APNEP Coordinating Council Members
APNEP Regional Council Members
Interested Parties

FROM: Bill Crowell

SUBJECT: Program Update and News

DATE: November 12, 2002

We have been very busy since September, and I wanted to update you on our progress and other events in the AP Region. In the near future, look for the return of our APNEP newsletter and our improved website. First, I want to let you know that the EPA approved the FY2003 Workplan and the initial funds have been granted to the program. We have also submitted our annual GPRA report (restoration efforts and CCMF progress) to the EPA and should receive the remaining funds in the near future.

I am still learning a lot about the National Estuary Program and attended a recent meeting with other NEPs. I am also learning how things work in our new location within DENR (Office of Conservation and Community Affairs). The State's budget problems are affecting our program to a limited extent. As various positions remain unfilled, many of the Divisions and administrative support staff are overwhelmed with work. This affects us mainly in the form of delays, but we are moving ahead and have full support for our program objectives.

With our Workplan approved, we will be moving ahead with new projects and contracts. We have had a few setbacks in our effort to be engaged in a strategic planning process, but it should move forward in the coming weeks. We are still working to identify a contractor to facilitate this effort.

We should have Request for Proposals for our Watershed Demonstration Projects early next year. Please be thinking about possible projects and partners in your basin. The projects should have three main components: 1) they should be physical in-ground projects, 2) they should have a public outreach/education element, and 3) they should have transferable methods. We will have approximately 50 thousand dollars available for each basin.

Additionally, Allen Clark and the Citizens' Water Quality Monitoring Program are running strong and Boyce Hudson (OCCA) is continuing to assist us with local government relations and program exposure throughout the watershed. Noah Hill is also working to develop a couple of cooperative projects with the Commonwealth of Virginia.

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APNEP staff have participated in the following activities over the last couple of months:

Estuary Live NC - The Rachel Carson National Estuarine Research Reserve and the Albemarle Pamlico NEP hosted a student-oriented Internet tour of the Rachel Carson Reserve on Oct. 1 and 2. The primary participants were North Carolina Students.

Estuary Live/ National Estuaries – The Rachel Carson National Estuarine Research (Beaufort) and the Albemarle Pamlico NEP served as the center of a student-oriented Internet tour of the nation's estuaries on Oct. 3 and 4. From their classrooms around the world, students got a virtual tour of National Estuarine Research Reserves and National Estuary Programs in North Carolina and the following states: Florida, Louisiana, Maryland, New Jersey, Oregon, South Carolina and Washington. As students watched, they asked question via e-mail to scientists live on site. NOAA estimated that nearly 2 million people participated in the program. The APNEP produced a short video on the Neuse River for the event. The purpose of National Estuaries Day is to promote the importance of estuaries and the need to protect them. For more information, please check out the website at <http://www.estuaries.gov>.

National Program Meeting – Staff attended the ANEP/NEP/EPA National Conference, co-hosted by the Maryland Coastal Bays Program and the Delaware Inland Bays Program held in Ocean City, Maryland on October 15-18, 2002. Estuary program directors, staff, and interested citizens from around the nation gathered to exchange information on invasive species, funding, education, and habitat restoration. Governor Ruth Ann Minner (Delaware), along with other state and local officials, spoke to the meeting participants about water quality issues at a Public Policy Forum luncheon in Dewey Beach, DE.

Wetlands Restoration Project - A groundbreaking ceremony marked the start of work on a wetland restoration project at the former site of the Barbour Boat Works adjacent to Tryon Palace in New Bern. The wetlands project, which will restore a key segment of New Bern's historic waterfront to its natural state, is underwritten by a \$1 million dollar grant from the NC Clean Water Management Trust and a \$75,000 grant from the Albemarle Pamlico NEP / U.S. Environmental Protection Agency. The aim of the wetlands restoration is to create a living classroom for the exploration of natural history and environmental issues for visitors, while at the same time providing a natural filter for stormwater runoff from the Palace property and part of the adjacent neighborhood.

NC Seafood Festival – Staff participated in the annual North Carolina Seafood Festival that is held during the first weekend of October. An information booth was shared with the NC Division of Coastal Management. Staff distributed posters and other information on estuaries to festival participants. A special package of K-8 curriculum materials was also given to teachers attending the event.

DENR Land and Water Conservation Initiative/ One NC Naturally – On October 29th the Albemarle Pamlico NEP hosted a public meeting at East Carolina University to solicit assistance in the development of a statewide comprehensive conservation plan, and to highlight local conservation planning efforts. DENR is working to initiate the development of a framework for conservation planning throughout North Carolina. For more information contact Richard Rogers at (919) 715-4152 or visit One North Carolina *Naturally* online at www.enr.state.nc.us/officeofconservation. The meeting was funded through a grant from the Z. Smith Reynolds Foundation.

Citizens' Water Quality Monitoring Program – Allen Clark gave a presentation at the NC Estuarium in Washington, NC, as part of their celebration of the "YEAR OF CLEAN WATER." He has also worked with teachers at Gaston College Preparatory School in developing a water quality monitoring program as part of their science curriculum and made presentations to Currituck County Middle School 6th, 7th, and 8th graders.

National Water Monitoring Day – In conjunction with the "YEAR OF CLEAN WATER," National Water Monitoring Day and a celebration of the 30th Anniversary of the Clean Water Act staff registered and entered water quality data from our monitoring sites in the region.

National Hunting and Fishing Day - Allen Clark manned a display booth for the Citizens' Water Quality Monitoring Program at the Roanoke-Chowan Wildlife Club's annual celebration of National Hunting and Fishing Day, along with State, Federal and private wildlife and environmental organizations.

Submerged Aquatic Vegetation Mapping Project – A couple of meetings have been held to coordinate the development of the project design. Partners include the US Fish and Wildlife Service, NOAA, NC Division of Marine Fisheries, NC Division of Coastal Management, NC Department of Transportation and Elizabeth City State University. Staff will continue to seek partners and develop the project over the coming year.

Sugarloaf Island Dedication - The 47-acre, undeveloped dredge spoil island provides a scenic backdrop for Morehead City's downtown waterfront. It was purchased this year by the city through a \$500,000 CWMTF grant, a \$225,000 Coastal Area Management Act access grant and through additional contributions totaling \$77,500 from Morehead City and the North Carolina Coastal Federation. Through the purchase, 8,500 linear feet of shoreline will be protected.

The purchase effectively protects the island from future development, and will provide area residents and visitors with an opportunity to explore and learn about the importance of the island to the surrounding coastal ecosystem. The city has plans to construct an access dock and walking trails on the island, and the NC Coastal Federation will offer educational programs on the island as well.

NC/VA Water Quality Projects Team - Noah Hill has facilitated several of the NC/VA Projects Team meetings held in Gatesville, NC. The three topics of discussion are the continuation of the oil recycling project for the Chowan river basin, tire recycling in North Carolina and water quality issues in the Great Dismal Swamp National Wildlife Refuge and surrounding areas. The goals of the oil recycling project are collection of good oil, providing holding tanks with cost share for agricultural producers that are in need of larger storage capacity and offering amnesty for contaminated oil. The focus for the Great Dismal Swamp is the development of a plan on how best to involve all the surrounding local governmental entities and citizens in a water management plan for the Great Dismal Swamp, using the newly formed NC/VA Projects Team to garner funding and coordinate agency (USDA, Soil & Water Districts, etc) participation.

The team is also supporting the concept of a comprehensive water management study and the development of a comprehensive water quality plan for the Great Dismal Swamp National Wildlife Refuge and the surrounding areas of Virginia and North Carolina on behalf of Projects Team.

Other news in the A-P Region:

30th Anniversary of Clean Water Act - October marked the 30th anniversary of this landmark law. Established with reauthorization of the Clean Water Act in 1987, the National Estuary Program came about as a result of serious fisheries and habitat declines in the nations' estuaries. Section 320 of the law set up a new model of citizen-based planning to protect America's estuaries. The 1987 reauthorization followed the original passage in 1972. The act established what today is the basic structure for regulating discharges of pollutants in the United States.

Today, one-third of our nation's waterways are unsafe for swimming or fishing versus two-thirds in 1972. Industry is no longer the primary polluter of our estuaries. The nonpoint source or stormwater runoff from our homes and lawns, businesses, roads and poor land management practices are today's primary source of pollution.

Currituck Woods Boardwalk - On October 13th the NC Division of Coastal Management dedicated the boardwalk for the Currituck Banks Estuarine Research Reserve in Corolla. The 1,900-foot-long elevated boardwalk winds through the reserve. At its western end is a 324-square-foot observation deck where visitors can look for birds, deer, otters and other wildlife along Currituck Sound. For more information contact Michele Droszcz at (252) 261-8891.

Roper Island - The NC Division of Coastal Management has completed a \$1.95 million deal to protect an undeveloped, 8,270-acre island in Hyde County. The division recently purchased a conservation easement for Roper Island, located along the Alligator River near the border of Hyde and Tyrrell counties. The property will become part of the Emily and Richardson Preyer Buckridge Coastal Reserve, an 18,000-acre nature preserve

located across the Alligator River in southeastern Tyrrell County. Coastal Management officials say adding Roper Island to the state's largest coastal reserve will provide additional protection to the headwaters of the Alligator River, which is regarded for its high water quality. For more information contact Woody Webster at (252) 261-8891.

Whalehead Club Dedication - October 13th marked the dedication of the recently restored Whalehead Club at Currituck Heritage Park in Corolla. Currituck County purchased the mansion and the remaining 40 acres of land in 1992. The Whalehead Preservation Trust was formed to oversee a major restoration project that began in the spring of 1999. When restoration is complete, the grounds will include the mansion, boathouse, and bridge, but also the Currituck Wildlife Museum and an Interpretative/Education Center built by the Wildlife Resources Commission. For more information call (252) 453-9040.

Land Use Planning - Camden, Gates, Pamlico, Pasquotank, and Washington counties; and the towns of Duck and Kitty Hawk received grants to develop or update updated Coastal Area Management Act local land-use plans. Bertie and Chowan counties and the town of Beaufort received grants for implementation projects. The NC Division of Coastal Management awarded a total of \$373,603 in grants to coastal governments for land-use planning and management projects for fiscal year 2002-03. The grants were awarded under the Local Planning and Management Grants Program. Projects that are eligible for funds include new or updated Coastal Area Management Act land-use plans and implementation plans (land-use ordinances, beach/waterfront access plans, stormwater management plans, etc.). Some smaller coastal communities may qualify for a simplified form of land-use plan known as workbook plans. The towns of Oriental, Plymouth and Winfall are scheduled to develop workbook plans this fiscal year. For more information contact Kathy Vinson at (252) 808-2808.

The Division has published the Technical Manual for Coastal Land Use Planning, which is designed to help local planners address the requirements of the state's revised land-use planning rules, which took effect in August. They are available online at www.nccoastalmanagement.net/Planning/planning.htm, or by contacting one of the Division's district planners: John Thayer in Elizabeth City, (252)264-3901; Ed Lynch in Washington, (252) 946-6481, or Mike Christenbury in Morehead City, (252) 808-2808.

Oregon Inlet Jetties - The recently released General Accounting Office's report stated that environmental issues must be resolved before any more studies of the project are done. Once environmental concerns are taken care of, the report recommends that the U.S. Army Corps of Engineers prepare a new economic analysis of the project's costs and benefits. The project's purpose is to make the inlet safer for fishing boats. Congress authorized the rock jetties in 1970, but construction has yet to begin because of environmental issues and infighting among federal agencies.

Mechanical Clam Harvest Season – The season will open at 7:30 a.m. on Monday December 2, in Carteret County. As in last year's season, 4,600 acres of clamming area located in Southeast Pamlico Sound will open, while a similarly-sized northern portion of Core Sound will close. Rotation of these two areas was recommended in the Hard Clam Fishery Management Plan in order to rebuild stocks in Northern Core Sound. For harvest areas and more information, please contact David Taylor, DMF-Morehead City, at (252) 726-7021 or 800-682-2632.

Upcoming Events of Interest:

- Public forums for gathering input for Mackey Island and Currituck National Wildlife Refuges:
 - November 18, 6-9pm, Corolla Fire Station
 - November 19, 6-9pm, Old Courthouse, Currituck (in Currituck Co. Commissioners' meeting room)
 - November 20, 6-9pm, Knotts Island Ruritan Bldg. in Knotts Island
 - November 21, 6-9pm, Creeds Elementary School Princess Anne Rd., Virginia Beach, VA

- Phase II stormwater workshops: 9 a.m. to 3:30 p.m. on the following dates:
 - Tuesday, Nov. 19, in meeting room A of Jacksonville City Hall, 211 Johnson Blvd.; Jacksonville, NC.
 - Thursday, Nov. 21, at the DENR Regional Office, 943 Washington Square Mall, Washington, NC.To register, call Whitney Kurz at (252)728-2170, or e-mail to whitney_kurz@ncnerr.org For more information, go online to www.ncnerr.org/ccs/workshops/index.html.

- NC Marine Fisheries Commission Central Regional Advisory Committee November 21, 2002, 6:00 PM. Public is encouraged to attend at NC DENR Regional Office - 943 Washington Square Mall - Washington, NC. Contact Mike Marshall 800-682-2632 or (252) 726-7021.

- NC Marine Fisheries Commission Inland Regional Advisory Committee, November 14, 2002 9:00 AM. Public is encouraged to attend at Ground Floor Hearing Room, Archdale Building, Raleigh, NC. Contact Jennie Hill, (919) 733-7015 x202 for more information.

- NC Environmental Management Commission, December 12, 2002, 6:00 PM. Public is encouraged to attend at Ground Floor Hearing Room, Archdale Building, Raleigh, NC.

- NC Coastal Resources Commission Meeting - Jan. 22 & 23, 2003 at the Ramada Inn, Kill Devil Hills, NC.

- Restore America's Estuaries Conference, April 13-16, Baltimore, MD (Coastal & Estuarine Habitat Restoration)



Albemarle-Pamlico National Estuary Program

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Allen Clark, Citizens' Water Quality Monitoring Program



TO: APNEP Coordinating Council Members
APNEP Regional Council Members
Interested Parties

FROM: *Bill Crowell*
Bill Crowell, Director

SUBJECT: Program Update and News

DATE: February 24, 2003

Greetings and Happy New Year! Since the last program update was mailed to you in November, the APNEP staff has been busy with program planning and other activities. For example, the Regional Councils (RCs) will resume meeting in March to discuss our program status, strategic planning and the Request for Proposals (RFP) soliciting watershed demonstration projects. Additionally, the March meetings will be followed by another series of RC gatherings in April/May to review, and recommend for funding, the demonstration project proposals received. The March meeting schedule is arrayed below, and the subsequent schedule (April/May) will be determined after the close of the proposal period. For those RC members that are delegates to the Coordinating Council, please note the date and location of that meeting.

- Neuse RC March 13th, 10:00am..... Coop. Ext. Service Bldg., Kinston
- Tar-Pam RC March 14th, 10:00am..... DENR's WaRO, Washington
- Pasquotank RC... March 24th, 2:00pm..... College of the Albemarle, Rm E121B
Small Business Center, Elizabeth City
- Roanoke RC March 25th, 9:30am..... Claudine's Restaurant, Rich Square
- Chowan RC March 26th, 4:00pm..... Edenton Fish Hatchery, Edenton

- Coordinating Council... April 14th, 9:30am... Air Quality Training Room-Parker-Lincoln Bldg.,
Capital Blvd., Raleigh

Our approved FY 2003 Work Plan contains several new projects that are progressing well. These include: support of the FerryMon Project; USGS/DWQ water quality monitoring platforms; NC Stream Watch; five Project WET workshops in the A-P region; conservation assessment of the A-P region, featuring three workshops on conservation easements; and printed educational material about each A-P river basin. We hope to have more projects established in the next month.

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Included with this mailing is the (RFP) soliciting Watershed Demonstration Projects. Please forward this information to partners in your basin that you feel might also be interested in submitting a proposal. The projects should have three main components: 1) they should be physical in-ground projects, 2) they should have a public outreach/education element, and 3) they should have transferable methods. A total of \$50,000 is available in each basin for projects. From the proposals received, each RC will determine final projects and funding levels. We will discuss the procedure in greater detail at our scheduled meetings.

Additionally, Allen Clark and members of the Citizens' Water Quality Monitoring Program are actively involved in water quality sampling and data collection, while Boyce Hudson (OCCA) continues to assist us with local government relations and program exposure throughout the watershed. Noah Hill, along with an inter-state working group, is developing cooperative projects with the Commonwealth of Virginia. We expect to have an interstate oil-recycling project activated soon.

And lastly, for your information and interest, please note the following upcoming events:

- Public meetings conducted by the federal Office of Ocean and Coastal Resource Management to collect comments about the North Carolina Coastal Management Program.
For information, contact Brian Long at 919-733-2293, ext. 229.
 - March 11, 6 p.m. Carteret County Courthouse, Courthouse Square, Beaufort
 - March 12, 6 p.m. Town Hall, 407 Budleigh St., Manteo
- NC Marine Fisheries Commission Central Regional Advisory Committee March 4, 6:00 PM. Public is encouraged attend. Duke Marine Lab Auditorium - Pivers Island - Beaufort, NC.
Contact Jess Hawkins 800-682-2632 for more information.
- NC Marine Fisheries Commission Inland Regional Advisory Committee, March 6, 6:00 PM. Public is encouraged to attend at Ground Floor Hearing Room, Archdale Building, Raleigh, NC.
Contact Jess Hawkins 800-682-2632 for more information.
- NC Environmental Management Commission, March 13, 9:00 am. Public is encouraged to attend at Ground Floor Hearing Room, Archdale Building, Raleigh, NC.
- *One North Carolina Naturally* - Land and Water Conservation Conference, April 16th and 17th 2003. Raleigh Convention Center.
Contact Nann Guthrie, (828) 251-6208 for more information.
- Restore America's Estuaries Conference, April 13-16, Baltimore, MD (Coastal & Estuarine Habitat Restoration)

We look forward to seeing you soon and, as always, thank you for your commitment to protecting the natural resources of northeastern North Carolina.



Request for Proposals Albemarle-Pamlico National Estuary Watershed Demonstration Project Grants

Request for proposals for watershed demonstration projects:

The Albemarle-Pamlico National Estuary Program (APNEP) is seeking proposals for Watershed Demonstration Projects from government agencies, academia, and nonprofit organizations, to address one or more of the following items within the watersheds of the Albemarle-Pamlico National Estuary Program region:

- **Water Quality** – Projects that restore, maintain or enhance water quality in the Albemarle-Pamlico region so that it is fit for fish propagation, wildlife habitation and recreational activities
- **Vital Habitats** – Projects that conserve and protect vital fish and wildlife habitats and maintain the natural heritage of the Albemarle-Pamlico region
- **Fisheries** - Projects that restore or maintain fisheries and provide for their long-term, sustainable use, both commercial and recreational
- **Stewardship** – Projects that promote responsible stewardship of the natural resources of the Albemarle-Pamlico region

In the Albemarle-Pamlico region within North Carolina and Virginia, a total of \$250,000 in grant monies is available (up to \$50,000 for project(s) within each of the program's watersheds - Neuse, Tar-Pamlico, Roanoke, Chowan, Pasquotank). Project selection and funding allocation will be made by each of the APNEP Regional Councils. The Albemarle-Pamlico National Estuary Program within the North Carolina Department of Environment and Natural Resources will administer funding and oversight of selected proposals.

Who is eligible to apply?

The following agencies and organizations are eligible to apply for and receive funds:

- State and local governments
- Interstate and intrastate agencies
- Public and private nonprofit organizations and institutions

How to Apply and When?

Application forms and information on the grant program can be requested from the Albemarle-Pamlico National Estuary Program (APNEP) office or downloaded from the program website at (<http://h2o.enr.state.nc.us/nep/>).

APNEP will accept proposals for consideration of funding until 5:00 p.m., April 7, 2003.

Types of Proposals Requested

The projects should have three main components: 1) they should be physical in-ground projects, 2) they should have a public outreach/education element, and 3) they should have transferable methods.

Examples of fundable projects include:

Demonstration of innovative or established Best Management Practices (BMPs) for agriculture, stormwater, forestry, and development

Habitat restoration projects
Smart Growth and Low Impact Development Demonstration and Education projects
Groundwater protection from Non-point Source Pollution
Recycling Facilities
Green school yards
Buffer restoration and acquisition
Shellfish restoration

Matching and Other Requirements

While no match is required, proposals are encouraged to show a strong sense of collaboration and partnership with other organizations or agencies. Applicants are encouraged to investigate partnering opportunities with the Clean Water Management Trust Fund, Wetland Restoration Program, Division of Coastal Management, and/or other state, federal, and non-profit programs.

Schedule

All approved projects will be contracted with the Department of Environmental and Natural Resources (DENR) and managed by staff of the **Albemarle-Pamlico National Estuary Program**. Project proposals must be received by 5:00 PM, April 7, 2003. Project selection will be completed by June 1, 2003.

The schedule for reviewing and funding proposals is as follows:

- February - Request for proposals is released and open dialogue for project proposal begins March 1, 2003
- **April 7, 2003 - RFP period closes.** All proposals must be received by the APNEP office (Raleigh) by 5 PM.
- April - APNEP staff reviews applications and makes recommendations to Regional Councils
- May - Regional Councils review project proposals
- June - Regional Councils announce selected proposals

Application Materials

An application form and detailed guidance can be requested from the **Albemarle-Pamlico National Estuary Program** (see contact information) and can be found on the website at (<http://h2o.enr.state.nc.us/nep/>) after March 1, 2003.

Selection of Proposals

The appropriate Regional Council (Neuse, Tar-Pamlico, Roanoke, Chowan, or Pasquotank) will select projects and set proposal funding levels. All projects must be consistent with the goals and objectives of the APNEP Comprehensive Conservation and Management Plan (CCMP). A copy the CCMP may be found on the program web site (<http://h2o.enr.state.nc.us/nep/>) or requested from the APNEP Public Involvement Office.

General topic areas include:

- Water Quality – Projects that restore, maintain or enhance water quality in the Albemarle-Pamlico region so that it is fit for fish propagation, wildlife habitation and recreational activities.

- Vital Habitats – Projects that conserve and protect vital fish and wildlife habitats and maintain the natural heritage of the Albemarle-Pamlico region
- Fisheries - Projects that restore or maintain fisheries and provide for their long-term, sustainable use, both commercial and recreational
- Stewardship – Projects that promote responsible stewardship of the natural resources of the Albemarle-Pamlico region

The proposals will be evaluated by:

- Merit (how well a proposal meets the objectives of the CCMP)
- Institutional or Project Manager Capabilities
- Relevance and value to the Albemarle-Pamlico National Estuary Program and stated priorities within the Comprehensive Conservation and Management Plan
- Budget/Timeline
- Partners
- Additional Funds

Each project will be ranked by staff on each of the above criteria and overall as **(1)** recommend funding, **(2)** recommend with modification or **(3)** not recommend. This tiered ranking will provide some applicants a chance to adjust specifics in their proposal to increase the likelihood of being recommended for funding. A priority rank will be given to projects that can quantify successes or positive results from demonstration projects. Above all, proposals should have measurable environmental results.

The appropriate Regional Council will make final funding decisions. The Regional Councils will be assessing a proposed project's potential to address priority needs in each basin as listed in the CCMP. By selecting projects that demonstrate **(a)** knowledge of ongoing regional initiatives, **(b)** collaboration and partnership, and **(c)** effectiveness, we can quantitatively document success and/or (in some cases) failures with confidence.

Authors should be aware that:

- All proposals must include comprehensive budget information
- All subcontracts must be clearly identified
- No members of the Coordinating Council or Regional Councils of citizens may act as Principal Investigator.
- Prior to the Investigator's final determination of the statement of work, the proposed work must be approved by the respective river basin Regional Council.
- All funding assistance will be in the form of cooperative agreements (contracts) requiring approval by the N.C. Department of Environment and Natural Resources. Proposals must specify periodic review by APNEP program staff.

Submit Proposals To:

**APNEP Watershed Demonstration Project Proposals
 NC Department of Environment and Natural Resources
 1601 Mail Service Center
 Raleigh, NC 27699-1601**

Attn: Bill Crowell

For More Information Contact:

Bill Crowell, Program Director
Albemarle-Pamlico National Estuary Program
1601 Mail Service Center
Raleigh, NC 27699-1601
Phone: (919) 715-1327
Fax: (919) 715 -3060



Web Site: <http://h2o.enr.state.nc.us/nep/>

Joan Giordano, Outreach Coordinator
Albemarle-Pamlico National Estuary Program
943 Washington Square Mall
Washington, NC 27889
Phone: (252) 946-6481 ext. 269
Fax: (252) 975-3716



**Request for Proposals
Albemarle-Pamlico National Estuary
Watershed Demonstration Project Grants**

Instructions to Authors

Application Deadline

Complete applications for proposed projects must be received in the Albemarle-Pamlico National Estuary Program (APNEP) office no later than **5:00pm on April 7, 2003**.

Application materials

1) Cover Page (*attached*)

2) Project Narrative (*limit to no more than 8 pages*)

Background:

A brief summary of existing relevant knowledge on the subject, including its relationship to the proposed work.

Project Description:

A brief description of the proposed project including location, probable causes of problem(s) and resource(s) affected, and project objectives.

A discussion of various management options considered and why this option is cost effective.

The proposed work should be described in adequate detail to allow full understanding of the project. Where a collaboration or subcontract is proposed, a clear allocation of effort must be presented. Each proposal **MUST** include an educational and/or outreach component.

Include activities designed to monitor success

Coordination with Resource Managers

A plan should be presented which demonstrates interaction with pertinent resource managers throughout the course of the project.

3) Scope of Work, including budget (*attached*)

4) Statement of Active and Pending Funding for this and related projects

5) Investigator Qualifications and Available Resources

Include resume of principal investigator(s). (*Limit to three (3) pages*).

Notes on Budget:

Scope of Work must include a detailed budget. This budget should include the following areas as necessary.

A. Salaries & Wages:

If charged - Identify individuals or categories of salary and wages, estimated hours or percent of time and rate of compensation proposed for each person or category. Identify any amounts included for overtime, premium pay, and/or shift differential. If the rate of pay shown is higher than the current rate of pay, include an explanation of amounts included for projected increases.

B. Fringe Benefits:

If charged -Propose rates/amounts in conformance with normal accounting procedures. Explain what costs are covered in this category and the basis for rate computations. Indicate whether rates are used for proposal purposes only or whether they are also fixed or provisional rates for billing purposes.

C. Travel:

Itemize estimated travel costs to show the number of trips required, destination, the number of people traveling and per diem rates, cost of transportation, and miscellaneous expenses for each trip. Calculations of other special transportation costs (such as charges for use of contractor-owned vehicles or vehicle rental costs) should also be shown.

D. Equipment:

Please contact APNEP staff for limitations on equipment purchases before submitting an application. Itemize any proposed permanent equipment acquisitions and show the estimated cost of each item.

E. Supplies and Expendable Equipment:

Indicate amounts estimated for office and field supplies separately. Provide detail on any specific item or other subcategory that represents a significant portion of the proposed amount. If fabrication of equipment is proposed, list parts and materials required for each and show costs separately from the other items.

F. Subcontracts of Consultants:

Identify the specific project tasks or problems for which such service would be used. List the contemplated subcontractors (including consultants), the estimated amount of time required, and the quoted rate per day or hour. If known, state whether the consultant's rate is the same as he/she has received for similar services or under government contracts.

G. Publication/Report Preparation:

Show estimated costs of publication or report preparation of the results of the proposed project. Include costs of drafting or graphics, reproduction, page or

illustration charges, and a minimum number of reprints. If not included under "Direct Labor" or "Other Direct Costs," the cost of the manuscript typing may also be included here. Specific journals and page charges need not be shown unless the proposed costs are unusually high.

H. Other Direct Costs:

Itemize different types of costs not included elsewhere, such as shipping, telemetry, computing, equipment use charges, or other services. Where appropriate, provide breakdowns showing how the cost was estimated. For example, computer time should show the type of computer, estimated time of use, and the established rates.

I. Indirect Costs:

It is the current policy for the Albemarle-Pamlico National Estuary Program to not pay indirect or overhead costs associated with our grants/contracts in order to maximize the cost return to the United States Environmental Protection Agency for funds granted to the Albemarle-Pamlico National Estuary Program.

Submit Proposals To

**APNEP Watershed Demonstration Project Proposals
NC Department of Environment and Natural Resources
1601 Mail Service Center
Raleigh, NC 27699-1601
Attn: Bill Crowell**

For additional information contact

Bill Crowell, Director
Albemarle-Pamlico National Estuary Program
1601 Mail Service Center
Raleigh, NC 27699-1601
Phone: (919) 715-1327
Fax: (919) 715-3060

Web Site: <http://h2o.enr.state.nc.us/nep/>

Joan Giordano, Outreach Coordinator
Albemarle-Pamlico National Estuary Program
943 Washington Square Mall
Washington, NC 27889
Phone: (252) 946-6481 ext. 269
Fax: (252) 975-3716



**DEMONSTRATION PROJECTS:
Scope of Work**

A. Project Title:
B. Lead Agency / Organization <i>(Include address and phone)</i>
C. Introduction <i>(a brief description of project and objectives)</i>
D. Background <i>(describe how the projects fit the goals and objectives of the CCMP).</i>
E. Activities to monitor success
F. Scope of Work <i>(describe the services using narrative or outline as appropriate). The following sections/headings must be included in the Scope of Work:</i>
1. Task(s) to be provided by Grantee
2. Timeline for task(s) completion
3. Deliverable(s) to be provided by Grantee
4. Milestone(s) to be met by Grantee
5. Environmental or regulatory constraints, state interfaces, etc.
6. Time Period (if known, start date & termination date or number of months)
G. Payment Schedule <i>(basis for payments to be mad -- Work Timeline, Deliverables and/or Milestones)</i>
H. Equipment <i>(limitations exist on use of funds for purchase of equipment - If equipment purchase is required please contact APNEP Staff).</i>
I. Detailed Project Budget <i>(Specify source and use of any match funding)</i>
J. Partners <i>(name/title/phone number)</i>
K. Principal Investigator(s) <i>(name/title/phone number)</i>
L. Grantee /contract Administrator <i>(name/title/phone number)</i>
M. Grantee /contractor's IRS Number
N. DENR Contract Administrator Bill Crowell Director Albemarle-Pamlico National Estuary Program 919-715-1327

A Proposal to the
Albemarle-Pamlico National Estuary Program
for Demonstration Project Entitled

(Title)

Covering the Period from _____ to _____, 200_

Submitted by:

Name, Title, Affiliation of Principal Investigator

Name, Title, and Affiliation of Any Required Agency Officials

Date Submitted

