



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: Chowan River Basin Regional Council Members

FROM: *Betty*
Betty Sandow, Public Outreach Assistant

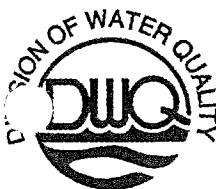
SUBJ: Next Meeting - April 4, 2002

DATE: March 26, 2002

Hi folks,

Enclosed is the agenda for our next regularly scheduled Chowan River Basin Regional Council meeting being held at the Roanoke-Chowan Community College in Ahoskie. We'll begin at 4:00pm in the OLD Small Business Center. Our thanks to Brewster Brown for arranging the meeting site. Please make every effort to attend.

As always, thank you for your continued commitment to protecting the beautiful and valuable natural resources of eastern North Carolina. We look forward to seeing you on April 4th and please drive safely.



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>

THE ALBEMARLE-PAMLICO NATIONAL ESTUARY PROGRAM

Chowan River Basin Regional Council
Roanoke-Chowan Community College
Ahoskie, North Carolina
April 4, 2002

DRAFT AGENDA

4:00PM	Welcome and Call to Order	Chairwoman Rayburn
4:05	Roll Call	Joan Giordano
4:10	Consideration of Minutes from last meeting (2/7/02)	Chairwoman Rayburn
4:15	<u>PRESENTATION</u> Citizens Water Quality Monitoring Program	Allen H. Clark Program Coordinator
5:00	Update-Chowan Basinwide Plan	Joan Giordano
5:15	Public Comment	
5:50	Plans for Next Meeting	Chairwoman Rayburn
6:00	Adjourn	

Subject: Re: Request to speak

Date: Tue, 26 Mar 2002 14:24:35 -0500

From: Jennifer Everett <Jennifer.Everett@ncmail.net>

Organization: NC DENR DWQ

To: Betty Sandow <Betty.Sandow@ncmail.net>,
Joan Giordano <Joan.Giordano@ncmail.net>

Hi Betty,

Thanks for the email. Unfortunately, I have prior committments on April 4th.

However, I do plan to hold public meetings for the final draft of the Chowan plan in mid-May. Is there a way that you/Joan can assist in locating a place for around May 14th in Ahoskie from 6:00-8:00pm. If the public meeting falls on May 14 then public comments would end June 10th. Thanks!

Sincerely,
Jennifer

Betty Sandow wrote:

> Jennifer,
>
> Joan asked that I e-mail you and see if you are available on April 4 at
> 4:00 PM for the Chowan River Basin Regional Council meeting. It will
> take place at the Roanoke-Chowan Community College and last about two
> hours.
>
> She would like for you to give an update on the Chowan Basinwide Plan.
> If you cannot make this engagement, could you provide her with updated
> information that she could share with the members?
>
> Thanks for your help Jennifer!
>
> Betty

Jennifer Everett
Basin Planner
Basinwide and Estuary Planning Unit
NC DENR - Div. of Water Quality
1617 Mail Service Center
Raleigh, NC 27699-1617
(919) 733-5083, ext. 374
FAX - (919) 715-5637
<http://h2o.enr.state.nc.us/basinwide/index.html>

 Jennifer.Everett.vcf	Name: Jennifer.Everett.vcf Type: VCard (text/x-vcard) Encoding: 7bit Description: Card for Jennifer Everett
--	--

Subject: Re: Noah's reply about Chowan mtg.

Date: Tue, 26 Mar 2002 15:38:23 -0500

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

Organization: Albemarle-Pamlico National Estuary Program

To: Betty Sandow <Betty.Sandow@ncmail.net>

Betty:

I guess the agenda will have only the presentation by Allen on it, and mention of the public meetings for the updating of the Chowan basinwide plan.

Joan

PS Can you come in her now to discuss the e-mail I forwarded to you from Darlene?

Betty Sandow wrote:

>
>
>> Joan,
>>
>> I copied Noah's reply about the Chowan meeting to a Word document
>> because it was one of those extended long horizontal messages.
>>
>> See attachment.
>>
>> Thanks,
>> Betty
>>
>> PS: I have started a memo to the Chowanee's, but am holding off on
>> the agenda until I hear from you. Just let me know.
>

 Joan.Giordano.vcf	Name: Joan.Giordano.vcf Type: VCard (text/x-vcard) Encoding: 7bit Description: Card for Joan Giordano
---	--

Subject: Marjorie's report on 4/4/02 Chowan meeting

Date: Fri, 05 Apr 2002 13:17:51 -0500

From: Betty Sandow <Betty.Sandow@ncmail.net>

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

Joan,

Marjorie called me before I had a chance to call her and here is her report:

- *Chad Prior will be sending minutes.

- *Seven in attendance (she is concerned about this and wonders what can be done to increase attendance)

- *Allen's presentation went very well and they learned a great deal about the CWQMP.

- *All present would like a hard copy of the draft of the basinwide plan that will be commented on at the May 14th meeting.

- *Billy Griffin secured location for next meeting at the Bertie Campus of the Martin Community College in Windsor. Date is June 20 from 4:00 to 6:00 pm.

- *Talked about changing meeting time of day and agreed this time is good for spring and summer but may consider change when winter approaches.

- *Billy Griffin will be retiring soon and will need to be replaced with another Bertie County representative.

- *Would like to hear from Jennifer Everett at the June 20 meeting.

Thanks,
Betty



Albemarle-Pamlico National Estuary Program

Public Involvement Office

MEMORANDUM

TO: Chowan River Basin Regional Council (CRBRC) Members

FROM: Joan Giordano, Outreach Coordinator

SUBJ: Meeting Minutes and Information

DATE: April 23, 2002

Hi Folks:

Enclosed are the minutes from the CRBRC meeting held on April 4, 2002. Thanks to Chad Prior for doing such a fine job of capturing meeting activity!

I have also enclosed a letter from George Norris, a watershed planner with the Wetlands Restoration Program within the NC Division of Water Quality. While his letter is self-explanatory, I'd like to underscore the importance of his request, particularly in light of NC budget woes and staff's inability to travel.

Over the years, through your association with the Albemarle-Pamlico National Estuary Program (APNEP), I know you are most aware of the need to preserve, protect and where necessary, restore the beautiful and valuable natural resources of eastern NC. This is accomplished through your membership on the CRBRC, your involvement in the development of the Basinwide Water Quality Plans, and your attendance at environmentally relevant regional public meetings.

The Chowan River Basinwide Wetlands and Riparian Restoration Plan is an important document that targets areas in need of attention and where restoration projects are most likely to yield the greatest benefit. Because fiscal constraints presently prohibit in-person solicitation of your input for plan update, I'm asking that you seriously consider the enclosed and respond accordingly.

Thank you for your consideration of this request and for the diligent stewardship you demonstrate in protecting the Chowan River basin.

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

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>

Chowan River Basin Regional Council

Roanoke Chowan Community College

Ahoskie, NC

April 4, 2002

MINUTES

Chairperson Marjorie Rayburn called the meeting to order. The following folks were in attendance: Chairperson Marjorie Rayburn, Billy Griffin-NCCES, John Stallings-S&WCD, Roger Spivey-Chowan County Silviculture, G.D. Perry-Bertie County Farmer, Chad Prior-Nucor Steel and Allen Clark-APNEP/CWQMP

The minutes from the February 7, 2002 meeting were approved. Motion made by John Stallings and seconded by Roger Spivey.

Presentation given by Allen Clark - Citizens Water Quality Monitoring Program Coordinator. Allen gave handouts of his presentation. He described the program, its inception in 1988 w/ the Tar-Pamlico River Foundation to current program, area covers 30,000 square miles, 9,300 miles of streams, 1.8 million acres of brackish, majority of watershed is in Virginia.

Benefits of water quality monitoring are awareness/education/alertness to regulatory folks-programs, volunteers, family, friends and passersby. Volunteers monitor weekly from April 1 to October 15 each year and then monthly from October 16 to March 31 each year. Retirees make up the largest portion of volunteers with community

groups, college science classes and elementary/secondary schools.

Variables monitored include: pH, air/water temperature, salinity/conductivity, dissolved oxygen, turbidity, depth of water, secchi depth, and visual observations. Chlorophyll a, phosphates, and nitrates are measured in the Chowan River only. For better consistency, sampling should be conducted at the same time and day each week. Instruments utilized do not require calibration. Therefore, they are very easy to use.

Areas that need more monitoring are the Potecasi Creek and Turkey Creek. Areas need to have safe access, close to home or location for ease.

Allen believes that overall the water quality has improved, even though the fish population is down from historical levels. Allen is located at ECU at (252) 328-1747 if anyone is interested or has questions.

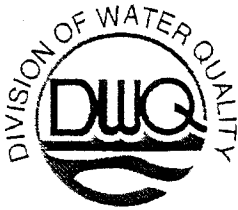
Roger Spivey brought up that better communication in newspapers about facts of water quality not just fish kills needs to be conducted. It could be similar to the Forestry scale from 1-7 (none to severe burn days). There is a website for CWQMP, but long delay on updated information. To discuss with Joan to see about possibilities of getting better communication along with background information.

Announcement of public meeting for draft Chowan River Basinwide Management Plan to be held on May 14, 2002 from 6-8pm at the Roanoke Chowan Community College. Jennifer Everett is the new basinwide water quality planner who was hired for the position vacated by Kate Moore. Copies of the

draft plan can be accessed on the web at <http://h20.enr.state.nc.us/nep>. Discussed the possibility of having Jennifer at the next meeting to give a current overview of the plans.

Next meeting to be held on June 20, 2002 at 4pm at the Martin Community College in Windsor, NC.

No further business and meeting was adjourned.



Chowan RBRC 4/23/02

Michael F. Easley, Governor

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

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

MEMORANDUM

TO: Resource Professionals and Interested Parties - Chowan River Basin
FROM: George Norris, Watershed Planner
THROUGH: Ron Ferrell, Program Manager *RF*
NC Wetlands Restoration Program
DATE: April 17, 2002
SUBJECT: **DRAFT Targeted Local Watershed Selections for the Chowan River Basin**

As part of the North Carolina Wetlands Restoration Program's (NCWRP) effort to update the 1998 Basinwide Wetlands and Riparian Restoration Plan for the Chowan River Basin, NCWRP Watershed Planners are identifying Targeted Local Watersheds within the Basin. **This memo is to solicit your comments and recommendations regarding our Draft picks for Targeted Local Watersheds.**

Targeted Local Watersheds (TLWs) are 14-digit hydrologic units where restoration projects are likely to be most effective in improving and protecting water quality [and other vital watershed functions such as flood control and aquatic habitat]. At this scale, the NCWRP can best focus its resources for stream, riparian buffer, and wetlands restoration projects within local watersheds. The basic criteria we use to target these local watersheds are whether they have (a) the **need** for restoration [e.g., declining or impaired water quality or habitat]; and (b) the **opportunity** for cost-effective restoration projects [e.g., potential collaboration with local government and/or existing project efforts].

The NCWRP has in the past held meetings in the Basin to solicit local input on the update of the basin's Watershed Restoration Plan -- including potential TLW selections, revised goals and objectives, and potential restoration opportunities. Due to budget concerns, we would prefer at this time to solicit input in writing and by telephone as opposed to holding meetings. We have enclosed maps and information outlining the first cut of draft TLWs, and hope in this way to encourage feedback and ideas from those of you out in the field who might have specific local knowledge to add to the selection process.

The NCWRP is currently compiling and reviewing water quality, land use, and sensitive resource information for the Chowan River Basin including information obtained from public workshops held by the NC Division of Water Quality in March of 2001. Our basic goals are to identify high-priority TLWs within the Chowan River basin and to identify potential candidate sites for wetlands, stream, and riparian buffer restoration projects. Targeted Local Watersheds are also selected on the basis of Future restoration need and opportunity within the basin. While the NCWRP currently has compensatory mitigation payments in the fund for restoration projects within certain areas within the Chowan Basin, we are also identifying areas that will be appropriate for restoration in the event future mitigation needs are incurred in other areas of the basin.

The DRAFT Targeted Local Watersheds selected for the Chowan River Basin are listed below.

DWQ Subbasin	14-Digit Hydrologic Unit	DRAFT Targeted Local Watersheds
01	03010203050011	Ahoskie Creek
	03010203030020	Chowan River
02	03010204210010	Upper Potecasi Creek
	03010204200010	Cutawhiskie Swamp
	03010204210030	Lower Potecasi Creek

It is anticipated that additional information to support the selection of some of these TLWs will be obtained during field visits to certain local watershed sites planned for the next few months. *Note: we would like to visit existing and potential stream or wetland restoration sites in the area over the next few months. Anyone interested in such a field trip and/or who has candidate restoration sites in mind should contact George Norris at the number given below at your earliest convenience.*

If you have reasons to encourage the NCWRP to retain a Targeted Local Watershed listed, please provide those comments. On the other hand, if you disagree with any of the Targeted Local Watersheds listed or have additional information on areas not identified but of concern, again we ask for your comments and recommendations. Your comments will be considered in selecting the FINAL Targeted Local Watersheds for the 2002 Watershed Restoration Plan for the Chowan Basin. These FINAL selections represent those areas where the NCWRP's resources for restoration projects will be focused over the next four years, contingent upon the availability of restoration funds. In addition, the NCWRP hopes that these local watershed selections can help foster collaborative watershed restoration efforts between government and non-profit groups working on restoration activities in the basin.

The deadline for providing comments to us on these Targeted Local Watershed selections is June 7, 2002.

If you would like to comment, please contact me at:

Mail Wetlands Restoration Program
Department of Environment and Natural Resources, Division of Water Quality,
1619 Mail Service Center, Raleigh, NC 27699-1619

Phone (919) 733-5312

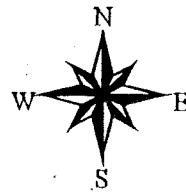
Fax (919) 733-5321

Email George.norris@ncmail.net

Thank you very much for your time and consideration in reviewing these watershed selections.



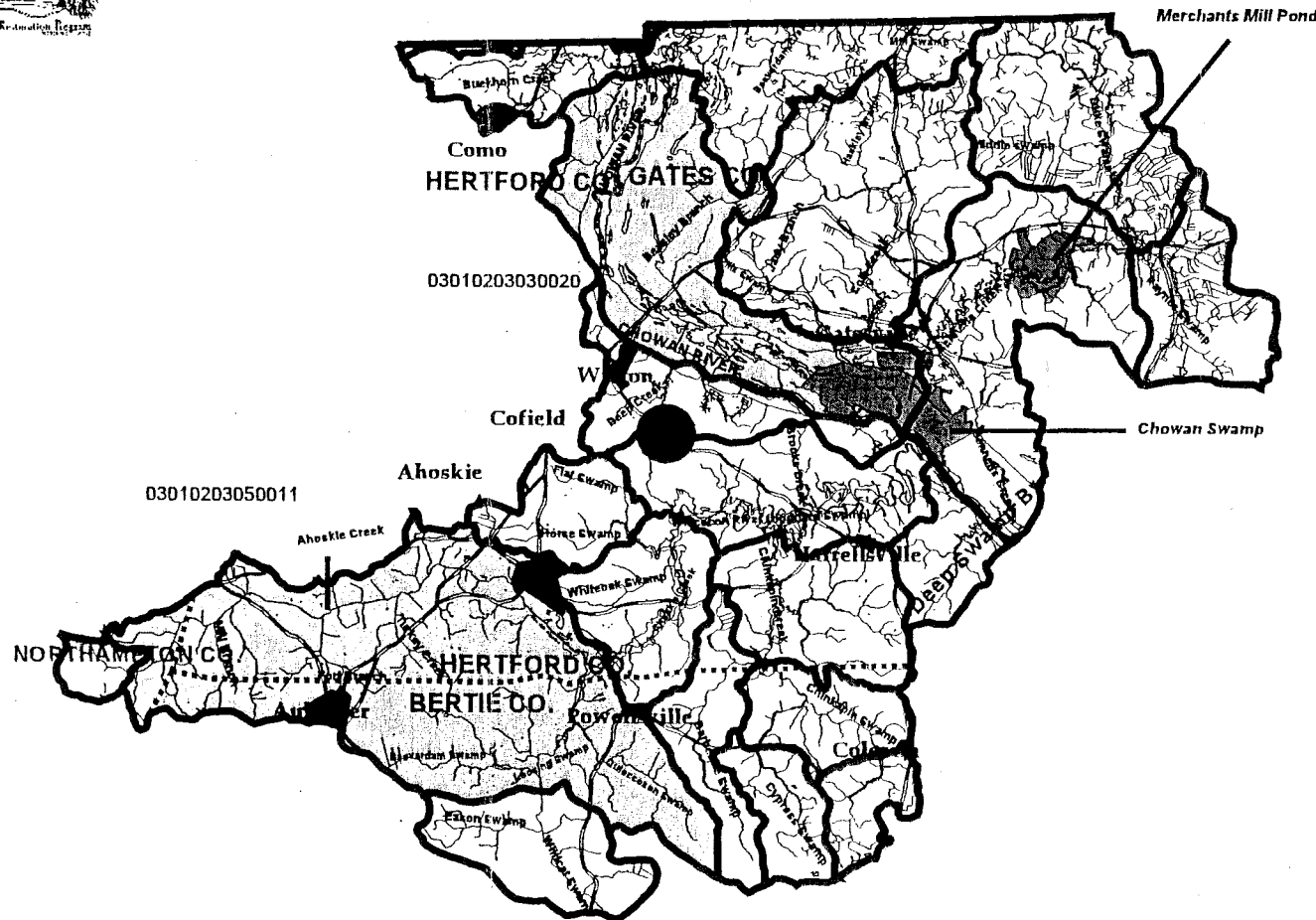
Division Of Water Quality



3 0 3 6 Miles

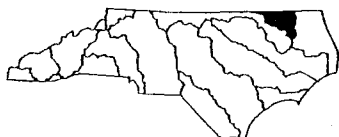


Chowan River Basin Subbasin 01



- Local Watershed Boundaries
- Hydrography
- Primary Roads
- County Boundaries
- Municipal Boundaries
- State Park Lands
- Closed Shellfish Harvesting Areas
- Anadromous Fish Spawning Areas
- DRAFT Targeted Local Watersheds

Chowan River Basin

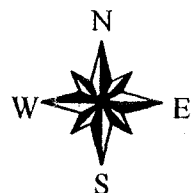


Subbasin 01



This map was produced on April 15, 2002, by the North Carolina Division of Water Quality Wetlands Restoration Program. Data was provided by the North Carolina Center for Geographic Information and Analysis.

The map is based on:
Projection: Stateplane
Zone: 4901
Datum: NAD83
Spheroid: GRS1980
Units: Meters



3 0 3 6 Miles



Map of the Merrimack River Slopes & Swamps Natural Area. The map shows the Merrimack River flowing through the center, with various creeks and swamps branching off. Key locations include Seaboard, Jackson, Woodbury, and Rich Square. Swamps labeled include Rogers, Corliss, and Bear. Creeks include Cypress, Millpond, and Potomac. The map is bordered by Beaverpond Creek to the north and Rich Square to the south. A scale bar at the bottom indicates distances in miles.

-  Local Watershed Boundaries
-  County Boundaries
-  Hydrography
-  Primary Roads
-  Municipal Boundaries
-  Significant Natural Heritage Areas
-  DRAFT Targeted Local Watersheds

This map was produced on April 15, 2002, by the North Carolina Division of Water Quality Wetlands Restoration Program. Data was provided by the North Carolina Center for Geographic Information and Analysis.

The map is based on:
Projection: Stateplane
Zone: 4901
Datum: NAD83
Spheroid: GRS1980
Units: Meters

Chowan River Basin



Subbasin 02

