

Pamlico Citizens' Advisory Committee
Swanquarter Courthouse
Swanquarter, NC
May 17, 1989
7:00 pm

Minutes

Attendance - See Attachment A.

The meeting was called to order by David O'Neal in Chairman Carter's absence at 7:40 pm. Introductions were made and Mr. O'Neal entertained a motion for approval of the previous month's minutes (April 19, 1989). Motion was made by Todd Miller and seconded by Tim Hodges. Motion carried.

Program Update - Joan Giordano gave the program update in Dr. Holman's absence. See Attachment B.

Public Participation Report - Joan Giordano gave her report. See Attachment C. In related discussion, Ralph Buxton requested that the minutes reflect the announcement of "Discover Wind Cruising" a sort of backpacking experience while wind surfing. A press conference is being held in Nags Head on June 16, 1989 to promote the event, proceeds of which will go to designated environmental organizations. For further information call Ralph Buxton at Kitty Hawk Kites, 441-4124.

Mr. O'Neal recognized Seth Whitaker from Washington, NC a 4-H Club member who last year won first prize with his presentation on water quality in the Pamlico River. Seth is competing again this year with an expanded presentation. We wish him much success!

Introduction of Jim Cummings of Div. of Soil & Water, NRCD, Raleigh was made by Mr. O'Neal. Mr. Cummings spoke on "Best Management Practices & the N.C. Cost Share Program." See Attachment D. Discussion ensued.

David O'Neal then introduced Dr. Jerad Bales of the U.S. Geological Survey. Dr. Bales presentation "Offsite Effects of Best Management Practices" centered on the Hyde Co. tidegate study several sites of which were visited during the tour portion of the meeting. Discussion ensued.

An opportunity for questions and answers from the public followed.

New Business - Joan Giordano asked for nominations to fill the existing vacancies on the P-CAC and explained that names would also be accepted at the June meeting. We have at least two vacancies, those being due to the resignations of Alton Ballance and Stuart Shinn. Based on attendance records there may be more.

There being no further business the meeting was adjourned at 9:50 pm. The next meeting will be on June 17, 1989 (a Saturday) at a time and place to be arranged.

PAMLICO CITIZENS' ADVISORY COMMITTEE

Swanquarter Courthouse

Swanquarter, N.C.

May 17, 1989

7:00 pm

AGENDA

<u>Pre-Meeting Agenda</u>	3:00 pm	Gather at Ag. Bldg. Auditorium - Swanquarter
3:00 pm - 5:00 pm		Tour of BMP sites in Hyde County
5:00 pm - 6:45 pm		Dinner (Dutch) Harris' Restaurant Fairfield, NC

AGENDA

Welcome & Call to Order	David O'Neal
Consideration of Minutes	
Program Update	Dr. Holman
Public Participation Update	Joan Giordano
Introduction of Jim Cummings	David O'Neal
"Best Management Practices & the NC Cost Share Program"	Jim Cummings
Introduction of Dr. Bales	David O'Neal
"Offsite Effects of Best Management Practices"	Dr. Jerad Bales

P-CAC Meeting

May 17, 1989

Questions/Answers/Public Comment

New Business

Adjourn

Attendace
5/17/89

P-CHC

Attachment A.

NAME

Affiliation

Gae Goidane

Beth Whitaker

Lu Ann Whitaker

41 Box 5
Englehart

Doug Gibbs

925-9891

David O'Neal

JERAD BALES

Sam Murray

Thel Miller

Jeff Smith

Tim Hodges

Ralph Buxton

A/P Study

103 Alderson Rd.

Washington, N.C. 27889

Washington Daily News

CHC

USGS

Conn. Fish

NCCF

Nags Head Woods Preserve

Swan Y/CAC

PCAC - Nags Head.

ALBEMARLE-PAMLICO ESTUARINE STUDY

DIRECTOR'S REPORT

TECHNICAL COMMITTEE

MAY 10, 1989

- 1) FY 1989 BUDGET
 - a) Approved at Policy Committee meeting March 15, 1989
 - b) March 29 - Citizen Involvement Subcommittee discussed public participation projects with 9 proposed authors
 - c) April 3 - Technical Review Subcommittee discussed information acquisition projects with 15 proposed researchers
 - d) Finalizing cooperative agreements week of May 8
 - e) Annual Work Plan for OMEP tentatively approved and funds being transferred to EPA Region IV Office
- 2) EARLY DEMONSTRATION PROJECTS
 - a) All five proposed projects have been revised based on April 3 review and follow-up conversations
 - b) Projects submitted to OMEP on April 21 for review
- 3) WRAL COASTAL CELEBRATION
 - a) April 8-9, 1989
 - b) N. C. State Fairgrounds (Kerr Scott Building)
 - c) Joan manned exhibit April 8 (Saturday); Bob manned it April 9 (Sunday)
 - d) Events were traditional entertainment, crafts, seafood and coastal education exhibits
 - e) Approximately 10,000 people visited Celebration during two days
 - f) Our new pamphlet was first available for this event
- 4) DATA MANAGEMENT
 - a) Data manager (A/P Study GIS Coordinator) is Chuck Nilsson who started March 27, 1989
 - b) Already talked to some researchers about integrating their data into the system (Riggs, Perlic)
 - c) Added an addendum to the User's Needs Assessment Report (Functional Description)
 - d) Karen Siderelis (LRIS) give short presentation on results of User's Needs Assessment Report
 - e) Showed a map product of LRIS on population trends from 1970 to 1980 in study area based on census data to CAC during last meetings (ACAC 5/2; PCAC 4/19)
- 5) STATUS AND TRENDS SCOPING REPORT
 - a) Project was funded April 1, 1989 and to be completed October 30, 1989
 - b) First meeting of the four team leaders took place April 27 and will follow up with all team members on May 15
- 6) 1989 PROGRESS REPORT
 - a) Sent to all committee members and researchers first week of April
 - b) Format this year from comments of OMEP from June 22, 1988 presentation in Washington, D. C.

Attachment C

Public Participation Coordinator's Report

- 1) Public Involvement Plan (PIP) was finalized on March 29th. Final versions will be sent to all CACs, TC & PC.
- 2) The glossy, full-color brochure describing the A/P Study is complete and being distributed.
- 3) Newsletter has been mailed.
- 4) Newsletter mailing list is constantly being updated.
- 5) Lib Willard's PSAs, 5 @ 30 seconds each, are complete and have been reviewed by the Publications Review Subcommittee of the Technical Committee. They have been distributed to 18 T.V. stations throughout the study area in N.C. and Virginia. To date 11 of the 18 are airing the spots and 4 others are strong possibilities.
- 6) Our A/P Study exhibit has had new photos displayed (depicting the same areas of concern) and also boasts a magnificent satellite photo of study area. Exhibit appeared at WRAL-TV's Coastal Celebration in Raleigh April 8th and 9th. The exhibit will travel to festivals throughout the study area before going to the Fort Fisher aquarium in Wilmington.
- 7) Public Participation staff has completed collection of approximately 50 photos for State of the Estuaries Booklet. Scheduled date of completion is September 1989.
- 8) Guide to streamwalking booklet is in draft state and being reviewed/edited.
- 9) Citizens' monitoring program is very active with 62 stations collecting data as of the end of May.
- 10) Teacher Environmental Workshops are nearly completed with the 4th of 4 occurring on May 13th at the Aquarium in Manteo. Follow-up and on-site portion is being held on May 20th on the Outer Banks. Approximately 40 teachers have participated to date.
- 11) A rough-up of the 1990 A/P Study calendar has been completed. The educational wording, quotes, and important dates have been determined. Pictures need to be decided upon.
- 12) State Fair Exhibit 10/13-10/22. NRCD is adopting a central theme of "Wetlands" this year for the Department's entry at the fair. Each division of the Department will develop a portion of the exhibit depicting its division's involvement with wetlands. For example, Coastal Management is building a salt marsh; Parks and Recreation is doing an animal habitat; APES' contribution will be a primary nursery area. The exhibits should be no larger than 3'x 4'.

NORTH CAROLINA

AGRICULTURE COST SHARE PROGRAM FOR NONPOINT SOURCE POLLUTION CONTROL

Legislative Authority	Statutory - G.S. 143-215.74
Source of Funds	State General Fund
Amount of Funds	\$5,756,111 + \$825,000 ^{1/}
Administration of Funds	North Carolina Soil and Water Conservation Commission with direct staff support from the Department of Natural Resources and Community Development, Division of Soil and Water Conservation.
Practices Cost Shared	Conservation tillage, diversions, filter strips, field borders, critical area plantings, sediment control structures, sod-based rotations, grassed waterways, stripcropping, terraces, cropland conversion to grass or trees, grade control structures, water control structures and animal waste management systems.
Percent Cost Shared	75% of the average cost for each practice (farmer provides 25% which can include in-kind support) up to a maximum of \$15,000 per year to each applicant. Applicants who receive cost sharing will be required to maintain and continue the practices for a specified minimum life and agree to perform certain fertilizer and/or waste management practices.
Purpose	To reduce the input of agricultural nonpoint source pollution (sediment, nutrients, animal wastes and pesticides) into the water courses of our state. To assist farmers in making their production operations more efficient by increasing the level of on-farm management. ^{1/} \$825,000 available to Local Governments statewide for 50:50 cost sharing to hire additional technical personnel.
Program Area	56 counties are presently eligible for funds to cost share with landowners. Cost Share monies are allocated to counties (Districts) based on water quality protection needs and degree of agricultural pollution. Allocations to Districts ranged in 1986 from \$40,000 to \$125,000. Expansion of Program statewide is expected by 1989.

GENERAL ASSEMBLY OF NORTH CAROLINA

SESSION 1989

FILED - SENATE
S 100

FEB 13 1989

RECEIVED - SENATE

S

SENATE DRS1535-LH99(1.31)

Short Title: Ag. Cost Share Expansion.

(Public)

Sponsors: Senator Basnight.

ALSO: REPRESENTATIVE
JIM CRAWFORD

Referred to:

HB 385

A BILL TO BE ENTITLED

AN ACT TO APPROPRIATE FUNDS TO THE DEPARTMENT OF NATURAL
RESOURCES AND COMMUNITY DEVELOPMENT TO EXPAND THE
AGRICULTURE COST SHARE PROGRAM FOR NONPOINT SOURCE
POLLUTION CONTROL.

Whereas, the control of pollutants from agricultural operations is an
important part of the protection of the State's waters; and

Whereas, the voluntary approach to pollution abatement from farmlands
has been highly successful in the counties covered by the cost share program; and

Whereas, the systematic expansion of this program, with the provision of
additional cost sharing and technical assistance, is desired and has received
widespread support; Now, therefore;

The General Assembly of North Carolina enacts:

Section 1. There is appropriated from the General Fund to the
Department of Natural Resources and Community Development, Division of Soil and
Water Conservation, the sum of four million seventy thousand dollars (\$4,070,000)
for the 1989-90 fiscal year for cost sharing with landowners through the Agriculture
Cost Share Program for Nonpoint Source Pollution Control. Of these funds, seventy
thousand dollars (\$70,000) shall be used to establish two additional environmental
Technician II positions in the Department of Natural Resources and Community

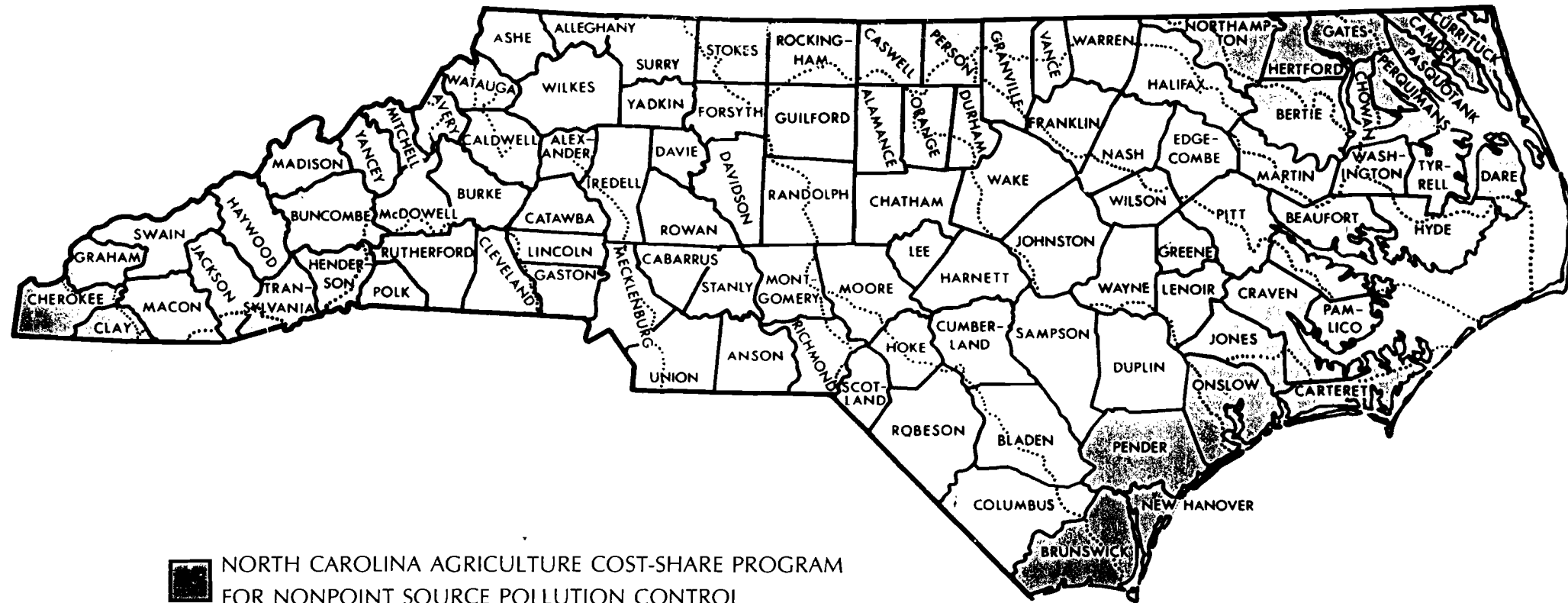
	<u>1989-90</u>	<u>1990-91</u>
4. Agriculture Cost Share Program An appropriation is recommended to allow statewide expansion of the Agriculture Cost Share Program for Nonpoint Source Pollution Control by 1990. This program reduces the delivery of nonpoint source pollution into the watercourses of the state through a voluntary cost share program.	\$ 2,064,826 (2)	\$ 4,052,282 (2)
5. Coastal Initiative An appropriation is recommended to support an office to oversee the operations of the Coastal Initiative Program. The program's objective is to stimulate waterfront development into existing coastal towns while providing added protection for ecologically fragile areas of the coast. Funding is also recommended to provide for a second printing of the coastal boating guide which spotlights cultural, historic and other sites of interest to tourists, and provides information about marinas and water oriented services.	375,000 (2)	225,000 (2)

OFFICE OF THE STATE CONTROLLER

1. State Accounting System Initiative The Office of the State Controller (OSC), with the assistance of a national accounting firm, conducted a Business Review of the state accounting system which was completed in March 1988. The Business Review concluded that the current system is obsolete and that major improvements should be initiated as soon as practicable. The review determined that substantial benefits could be realized from replacing the current system. The findings from the Controller's Business Review were confirmed in a second opinion study conducted by another national accounting firm at the direction of the Legislative State Information Processing Needs and Cost Study Commission (Computer Study Commission). Funds are now recommended to complete the initial phase of the state accounting system initiative.	\$ 3,000,000	\$ -
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NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES
AND COMMUNITY DEVELOPMENT

Division of Soil and Water Conservation
August 1987



NORTH CAROLINA COST SHARE PROGRAM

56 ACSP COUNTIES

BMP'S AUGUST 1984 - MARCH 1989
(Revised March 1, 1989)

Agreements	6,671
Acres	496,012
Acres Erosion Control	199,346
Tons Saved	1,441,491

<u>EROSION CONTROL BMP'S</u>	<u>ACRES</u>
Sod-based Rotation	18,275
Cropland Conversion	22,874
Conservation Tillage	124,511
Critical Area Planting	830
Stripcropping	11,147
Terraces/Diversions	1,130,722

ANIMAL WASTE MANAGEMENT

Systems	319
Gallons storage capacity	226,611,089
Tons storage capacity	44,609
Nitrogen (lbs)	
storage capacity	6,429,385
Phosphorus (lbs)	
storage capacity	4,019,774
Liquid Waste Application	
(gallons)	494,275,442
Poultry Litter Applied (tons)	400,930
Acres Applied	111,691
Nitrogen (lbs)	20,480,777
Phosphorus (lbs)	17,639,139

SEDIMENT CONTROL BMP'S

Grassed Waterways	2,177
Field Borders	2,305
Water Control Structures (no.)	
(Sediment, Nutrients)	1,922
Stream Protection Systems (no.)	865

James R. Cummings
March 1, 1989

NORTH CAROLINA AGRICULTURE COST SHARE PROGRAM
for
NONPOINT SOURCE POLLUTION CONTROL

North Carolina's Agriculture Cost Share Program has been applauded by the U. S. Environmental Protection Agency as a model of success and a program that "makes North Carolina a national leader . . ." The Pamlico Tar-River Foundation wrote that the Program was a "Bargain for North Carolina." Commissioner Jim Graham has repeatedly called for statewide expansion of the program and declared the cost share program one of the best things to happen for North Carolina's farmers in decades. NRCO Secretary Bill Cobey stated that he was "committed to the program and to the supervisors in their efforts to expand the program to all counties in the state." This very popular program has drawn praise from the agricultural community and the water quality protection agencies and groups. Many states (South Carolina, Michigan, Texas, Virginia, etc.) have patterned their programs after North Carolina's.

The program was originated in 1984 and has received more than \$19 million to provide financial and technical assistance to farmers for specific conservation and management practices which help protect public waters from the pollution by runoff containing sediment, animal wastes, fertilizers and pesticides. Under the program funding is made available in 56 counties to share 75 percent (up to \$15,000) of the cost to the farmer of installing best-management practices(BMP's) The program also provides to each county in the state a 50:50 cost share to hire technical personnel to help farmers plan and install the BMP's.

The Cost Share Program is administered by the North Carolina Soil and Water Conservation Commission and receives tremendous local support from the 100 County Commissions and the 94 Soil and Water Conservation Districts in North Carolina. Eighty-eight technical positions have been funded (\$914,000 county cost) and hired by County Commissions across North Carolina. Thirty-six soil and water technicians have been hired (\$410,000 county cost) in counties in which the landowner cost share is not available. These commissioners have provided monies for the technical positions to demonstrate their support of the Program and their desire to receive much needed cost share dollars for the farmers. The forty-four counties (non-shaded on map) have submitted plans supporting the need for over \$4 million to adequately service the water quality protection needs in their respective area.

Expansion of the Program has been based on water quality protection needs and fund availability. The original program (\$2.3 million) included the 16 "nutrient sensitive" counties and the first expansion (\$3.3 million) added 17 coastal counties experiencing water quality problems. The most recent expansion (1987) brought 23 additional eastern and mountain counties into the program and raised the total program budget to \$6.6 million. An additional \$4 million would allow the Soil and Water Conservation Commission to include all counties in the program and to continue the aggressive work to help solve North Carolina's growing water quality concerns.

Jim Cummings
May 4, 1989

NORTH CAROLINA AGRICULTURE COST-SHARE PROGRAM



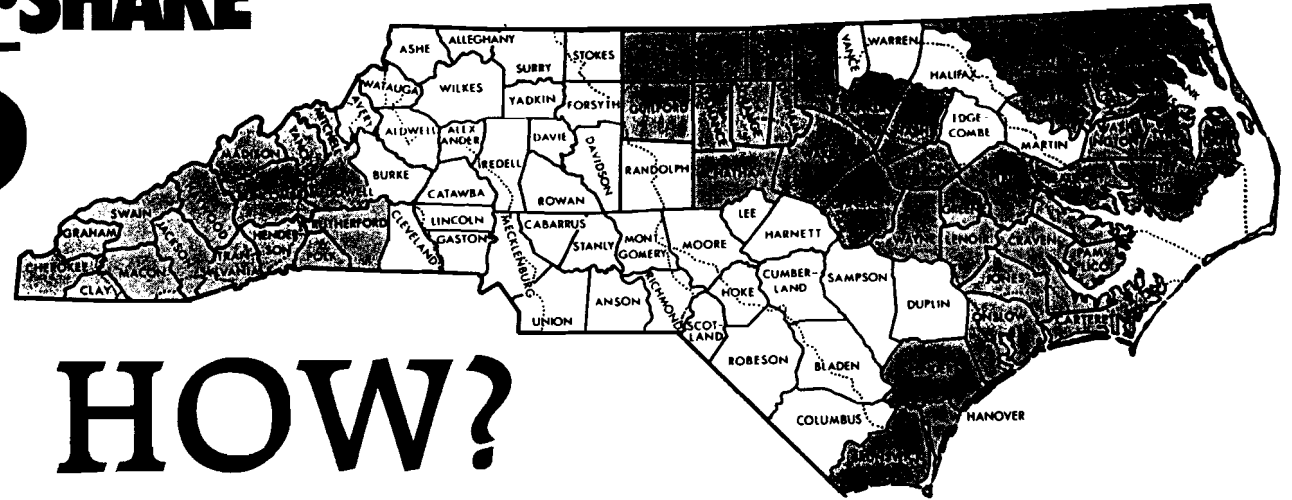
WHY?

Our state's waters have suffered damages from too much sediment and excessive amounts of nitrogen and phosphorus. These conditions may cause algal blooms, foul odors, fish kills, impaired fishery habitats, higher water treatment costs, or they may decrease the recreational values of our waters. Our primary nursery areas are being harmed by too much freshwater from upstream.



The North Carolina Agriculture Cost-Share Program is intended to reduce the input of sediments, nutrients, animal wastes and pesticides (agricultural nonpoint source pollution) into the water courses of our state.

The cost-share program helps landowners improve their level of on-farm management through the use of Best Management Practices (BMP's). These include vegetative, structural or management systems that are used to improve the efficiency of farming operations by reducing potential pollutants into surface waters.



HOW?

Your local soil and water conservation district supervisors and district staff make this program tick. They work with landowners and renters to:

- help you decide which BMP's are best suited for your operation;
- approve your conservation plans;
- recommend additional practices to the North Carolina Soil and Water Conservation Commission; and
- deliver your check after work is completed.

The North Carolina Soil and Water Conservation Commission allocates money for agreements and approves BMP's. So far, 2,400 landowners have signed up to install BMP's on 200,000 acres of land.

The North Carolina Division of Soil and Water Conservation in the Department of Natural Resources and Community Development provides administrative assistance to district field personnel.

The Agriculture Cost-Share Program is a huge success because it is mainly administered locally – by your soil and water conservation district office.

WHAT?

Some of the Best Management Practices (BMP's) include:

- animal waste management systems;
- conservation tillage;
- critical area plantings;
- cropland conversion to permanent vegetation;
- diversions;
- fertilizer management;
- field borders;
- filter strips;
- grade control structures;
- grassed waterways;
- sediment control structures;
- sod-based rotations;
- stock trails;
- stream crossings;
- stripcropping;
- terraces; and
- water control structures.

HOW MUCH?

If you participate in this program, you will be reimbursed 75% of the average cost for each BMP installed. The remaining 25% of costs are the responsibility of the landowner, and include the use of existing materials and labor. Cost-Share Incentive Payments also are available to encourage the use of several animal waste management and crop rotation BMP's.



WHO?

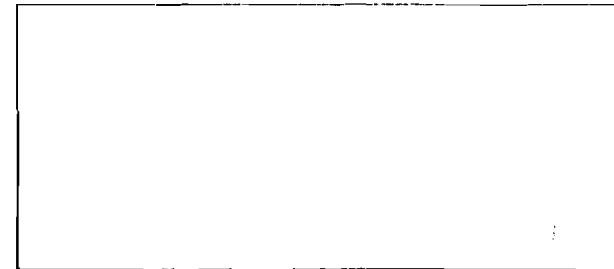
If you are a landowner or rent agricultural lands, you are eligible to participate in the North Carolina Agriculture Cost-Share Program.

WHEN?

Stop in to see your local soil and water conservation district office to get more information — today!

"In 1984 we asked our local soil and water conservation districts to assume responsibility for administering this program. Thanks to the districts' efforts, this program is now called a 'model of success' throughout the Southeast."

Jim Cummings, Program Coordinator
Division of Soil & Water Conservation



North Carolina Department of Natural Resources
and Community Development
Division of Soil & Water Conservation
P.O. Box 27687
Raleigh, NC 27611
(919) 733-2302

James G. Martin
Governor

S. Thomas Rhodes
Secretary

20,000 copies of this public document were printed at a cost of \$1,116.32 or \$.0558 each.

NORTH CAROLINA AGRICULTURE COST-SHARE PROGRAM

SOIL & WATER
CONSERVATION

Hours for Life