

**NORTH CAROLINA SOIL AND WATER CONSERVATION COMMISSION
RALEIGH, NORTH CAROLINA
WORK SESSION AGENDA
DRAFT**

WORK SESSION

Sheraton Imperial Hotel & Convention Center
Empire Rooms A & B
4700 Emperor Boulevard
Durham, NC 27703
January 9, 2022
9:30 a.m.

BUSINESS SESSION

Sheraton Imperial Hotel & Convention Center
Imperial Rooms 4 - 7
4700 Emperor Boulevard
Durham, NC 27703
January 9, 2022
3:00 p.m.

I. CALL TO ORDER

The State Government Ethics Act mandates that at the beginning of any meeting the Chair reminds all the members of their duty to avoid conflicts of interest and inquire as to whether any member knows of any conflict of interest or potential conflict with respect to matters to come before the Commission. If any member knows of a conflict of interest or potential conflict, please state so at this time.

II. PRELIMINARY – Business Meeting

Welcome – Cell phones set to silent or \$100 donation Chairman John Langdon

III. BUSINESS

- | | | |
|----|---|--------------------------|
| 1. | Approval of Agenda | Chairman John Langdon |
| 2. | Approval of Meeting Minutes | Chairman John Langdon |
| | A. November 9, 2021 Work Session Meeting Minutes | |
| | B. November 10, 2021 Business Session Meeting Minutes | |
| 3. | Division Report | Director Vernon Cox |
| 4. | Association Report | President Blount Knowles |
| 5. | Executive Director’s Report | Mr. Bryan Evans |
| 6. | NRCS Report | Mr. Tim Beard |
| 7. | Consent Agenda | |
| | A. Supervisor Appointments | Mr. David Williams |
| | B. Supervisor Contracts | Ms. Julie Henshaw |
| | C. Technical Specialist Designation | Mr. Michael Shepherd |

ATTACHMENT 1WS

- 8. Job Approval Authority Mr. Joshua Vetter
 - A. Applications
 - B. Technical Competency Requirements

 - 9. Technical Specialist Training Update Mr. Michael Shepherd
 - A. Audit Results
 - B. Report and Action on Training Fulfillment

 - 10. Streamflow Rehabilitation Assistance Program Mr. David Williams

 - 11. Community Conservation Assistance Program Advisory Committee Recommendations Mr. Tom Hill
 - A. Detailed Implementation Plan Revisions
 - B. Average Cost List Revisions
 - C. Regional Application Recommendations

 - 12. Agricultural Water Resources Assistance Program Review Committee Recommendations: Agricultural Water Storage and Collection System BMP Revisions Ms. Sydney Mucha

 - 13. Agriculture Cost Share Program Technical Review Committee Recommendations: Stream Debris Removal BMP Mr. Joshua Vetter

 - 14. District Issues Mr. Joshua Vetter
 - A. Time extension request for Contract 25-2019-001 Craven SWCD

 - 15. FY2021 Commission Cost Share Programs Annual Reports Ms. Julie Henshaw
 - A. ACSP, CCAP and AgWRAP Consolidated Report
 - B. Conservation Reserve Enhancement Program Report Mr. Eric Galamb
- IV. PUBLIC COMMENTS:** The Commission will provide up to one hour for public comments. Individuals that wish to provide public comment should sign up to speak at the meeting and will be allowed up to three minutes for comments.
- V. ADJOURNMENT**

NORTH CAROLINA SOIL AND WATER CONSERVATION COMMISSION
RALEIGH, NORTH CAROLINA
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II. PRELIMINARY – Business Meeting

Welcome – Cell phones set to silent or \$100 donation

Chairman John Langdon

III. BUSINESS

1. Approval of Agenda

Chairman John Langdon

2. Approval of Meeting Minutes

Chairman John Langdon

A. November 9, 2021 Work Session Meeting Minutes

B. November 10, 2021 Business Session Meeting Minutes

3. Division Report

Director Vernon Cox

4. Association Report

President Blount Knowles

5. Executive Director's Report

Mr. Bryan Evans

6. NRCS Report

Mr. Tim Beard

7. Consent Agenda

A. Supervisor Appointments

Mr. David Williams

B. Supervisor Contracts

Ms. Julie Henshaw

C. Technical Specialist Designation

Mr. Michael Shepherd

ATTACHMENT 1BS BLUE

8. Job Approval Authority Mr. Joshua Vetter
 - A. Applications
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 14. District Issues Mr. Joshua Vetter
 - A. Time extension request for Contract 25-2019-001 Craven SWCD

 15. FY2021 Commission Cost Share Programs Annual Reports Ms. Julie Henshaw
 - A. ACSP, CCAP and AgWRAP Consolidated Report
 - B. Conservation Reserve Enhancement Program Report (*This item has been removed from the agenda*) Mr. Eric Galamb
- IV. PUBLIC COMMENTS:** The Commission will provide up to one hour for public comments. Individuals that wish to provide public comment should sign up to speak at the meeting and will be allowed up to three minutes for comments.
- V. ADJOURNMENT**



**NORTH CAROLINA
SOIL & WATER CONSERVATION COMMISSION
WORK SESSION MEETING MINUTES
January 9, 2022**

Department of Agriculture
Division of Soil & Water Conservation
Sheraton Imperial Hotel & Convention Center
4900 Emperor Blvd.
Durham, NC 27703

Commission Members	Guests	Guests
Wayne Collier	Rick McSwain	Lisa Fine
Chris Hogan - online	Ken Parks	Brandy Myers
Blount Knowles	Sandra Weitzel	Amanda Sands
John Langdon	Tom Hill	Allie Dinwiddie
Derek Potter	Sydney Mucha	Craig Myers
Mike Willis	Michael Shepherd	Nancy Carter
	Joshua Vetter	David Harris
Commission Counsel	Helen Wiklund	Anne Coan - online
Phillip Reynolds	Scott Melvin	Elliot Swain - online
Guests	Bryan Evans	Teresa Furr - online
Vernon Cox	Cayle Aldridge	Eric Pare - online
David Williams	Julie Henshaw	Eddie Culberson - online

Chairman Langdon called the meeting to order at 9:42 a.m. Chairman Langdon inquired whether any Commission members need to declare any conflict of interest, or appearance of conflict of interest, that may exist for agenda items under consideration, as mandated by the State Ethics Act. Chairman Langdon stated the meeting guidelines. Chairman Langdon asked all participants to introduce themselves.

- 1. Approval of Agenda:** Chairman Langdon asked for comments on the agenda. Director Cox stated Item 15B has been removed from the agenda, since Mr. Galamb is not present.
- 2. Approval of Meeting Minutes:** Chairman Langdon asked for comments on the minutes. Commissioner Collier stated the minutes are in order.
 - 2A.** November 9, 2021 Work Session Meeting Minutes
 - 2B.** November 10, 2021 Business Session Meeting Minutes
- 3. Division Report:** Chairman Langdon recognized Director Vernon Cox to present. A copy of the report is included as an official part of the minutes. Director Cox stated the report will be presented this afternoon.

4. **Association Report:** Chairman Langdon recognized President Blount Knowles to present. A copy of the report is included as an official part of the minutes. President Knowles stated the report will be presented during the business meeting.
5. **Executive Director's Report:** Chairman Langdon recognized Mr. Bryan Evans to present. A copy of the report is included as an official part of the minutes. Mr. Evans stated the report will be presented this afternoon.
6. **NRCS Report:** Chairman Langdon recognized Mr. Tim Beard to present. A copy of the report is included as an official part of the minutes. Mr. Beard will present the report at the business meeting.
7. **Consent Agenda:** Chairman Langdon recognized Deputy Director David Williams, Ms. Julie Henshaw, and Mr. Michael Shepherd. Copies of the reports are included as an official part of the minutes.

7A. Supervisor Appointments:

- Keaton Killian, Cherokee SWCD, filling the unexpired appointed term of Chad Decker for 2018-2022 with an attached resignation letter from Mr. Decker
- Patty Dellinger, Lincoln SWCD, filling the unexpired appointed term of Roy Hoyle for 2020-2024 with an attached resignation letter from Mr. Hoyle
- Harold Hunter, Madison SWCD, filling the unexpired appointed term of Donna Jones for 2020-2024 with an attached resignation letter from Ms. Jones
- Ryan Carriker, Richmond SWCD, filling the unexpired appointed term of William Comninaki for 2018-2022 with an attached resignation letter from Mr. Comninaki
- Robin Hammond, Wake SWCD, filling the unexpired elected term of Nervahna Crew for 2018-2022 with an attached resignation letter from Ms. Crew

Commissioner Potter challenges all districts to give someone else an opportunity to work in soil and water, since conservation in the state needs to grow.

Commissioner Willis stated this new form has helped to appoint new supervisors and can get the younger generation involved as leaders in their district.

7B. Supervisor Contracts: 3 contracts; totaling \$47,243

Chairman Langdon asked about the letter submitted from Brunswick SWCD for a contract in the amount of \$24,155. Ms. Henshaw read the letter from Brunswick SWCD discussing Residue and Tillage Management and Cover Crops and the district's concern regarding Contract #10-2022-001. Commissioner Collier stated one concern is the amount of money one district could use in one year and some decisions need to be left to the district. Commissioner Potter stated it is about conservation and perception; it is not about the money.

7C. Technical Specialist Designation: Jessica Thompson, Lenoir SWCD, Waste Utilization Planning/Nutrient Management (WUP/NM)

- 8. Job Approval Authority:** Chairman Langdon recognized Mr. Joshua Vetter to present. A copy of the report is included as an official part of the minutes.

8A. Applications: Mr. Vetter stated there are two applicants and both applicants are requesting Comparable NRCS JAA. All applications have been reviewed and are in order. A more-detailed report will be presented at the March Commission meeting with regards to applications for Job Approval Authority (JAA) for complete designs and certifications.

8B. Technical Competency Requirements: Mr. Vetter stated there is one technical competency requirement for Livestock Mortality Management System with two job classes for this BMP which are Freezer/Refrigeration Unit and Incinerator.

All technical competency requirements have been reviewed across all three Commission Cost Share Programs. Once approved, there will be 52 practices that have approved technical competency requirements across all Commission programs. There are still 32 practices that require a professional engineer to approve and six other practices that must be certified by a qualified professional.

- 9. Technical Specialist Training Update:** Chairman Langdon recognized Mr. Michael Shepherd. A copy of the report is included as an official part of the minutes.

9A. Audit Results: Mr. Shepherd stated the Commission's policy states technical specialists must obtain six hours of training in a three-year period and are subject to a random audit of their training. The Division staff conducted a random audit of 10% of all the training hours of the technical specialists. There were 255 courses that were submitted by 111 technical specialists so and the training courses of 11 individuals were audited. All training met the criteria for course approval.

9B. Report and Action on Training Fulfillment: Mr. Shepherd stated the Commission's Rule 02 NCAC 59G .0104 requires that technical specialists must get six hours of training in a three-year period. If the technical specialist does not receive the six hours of training, they will be presented at the January Commission meeting for failing to meet their technical specialist training requirements and their designation(s) will be rescinded. The technical specialist may take all six hours of training in one calendar year, but the training hours in excess of six hours do not carry over to the subsequent three-year period. The three-year period for current technical specialist began on January 1, 2019. Under this training requirement, the policy states a random audit of 10% of all technical specialists submitting training credits would be conducted. A committee was formed to approve all trainings. There were 412 animal waste technical specialists as of January 1, 2019. Of the 412, only 160 completed the required six hours of training by December 31, 2021. The remaining 252 technical specialists did not fulfill their training requirement, and their designation is presented for rescindment.

Director Cox stated that district staff need to maintain technical competencies for animal waste management. Mr. Shepherd stated that everyone was contacted and told they will lose their designation if they do not obtain the necessary training and will have to reapply through the application process, which will take one year. Commissioner Collier stated the district supervisors need to know what district employees are certified and if they are not, they need to seek their technical specialist designation.

10. Streamflow Rehabilitation Assistance Program: Chairman Langdon recognized Deputy Director David Williams to present. A copy of the report is included as an official part of the minutes. Mr. Williams stated this is a new program to be administered by the Commission and funded at \$38M, which is a one-time appropriation that must be encumbered by June 30, 2023 or revert to the Disaster Relief and Mitigation Fund. This is not intended to be allocated to individual districts. The program will be administered like the Stream Debris Removal Program. The program’s purpose and eligible applicants were highlighted. The categories for funding and the prioritizations are as follows:

- Vegetative debris removal, e.g., woody vegetation
- Instream sediment removal
- Streambank stabilization (vegetative cover) with or without sediment removal
- Stream restoration
- Other stream repair needs, e.g., culvert replacement

The funds can also be used to provide non-federal match for related disaster recovery activities funded by the federal government, e.g., USDA Emergency Watershed Protection Program.

An additional eligible purpose is for P.L. 566 Small Watershed Project rehabilitation and repair. The proposed prioritization for this category includes:

- Projects where program funds are used to match federal watershed rehabilitation funds
- Structural rehabilitation or replacement for critical components, e.g., principle spillway, emergency spillway
- Repair of critical eroding or settling areas
- Removal of accumulated sediment from the impoundment

The Legislation states the Commission shall ensure that debris removed from the streams with funds provided under this program must be removed from the 100-year floodplain or processed in such a manner that the debris does not pose a risk of blockage or significant impairment of normal streamflow during a subsequent flood event. A Detailed Implementation Plan for funding was presented as follows:

Program Purpose	Recommended Initial Funding Pool
Stream Debris Removal	\$20,000,000
Reserve for Matching Federal Funds	\$3,600,000
Small Watershed Project Rehab	\$12,500,000
Administration	\$1,900,000
TOTAL	\$38,000,000

The applicant’s responsibilities, and the anticipated timeline were presented. There was much discussion about the recommended funding pools. Director Cox stated that when it comes time to recommend awards for funding in April, we need to know how much money there is in each bucket as an initial starting point. After further discussion, the amounts in the Recommended Funding Pool were changed to:

Program Purpose	Recommended Initial Funding Pool
Stream Debris Removal	\$26,000,000
Reserve for Matching Federal Funds	\$4,100,000
Small Watershed Project Rehab	\$6,000,000
Administration	\$1,900,000
TOTAL	\$38,000,000

Chairman Langdon called a break at 11:34 a.m. The meeting resumed at 11:42 a.m.

11. Community Conservation Assistance Program Advisory Committee Recommendations:

Chairman Langdon recognized Mr. Tom Hill to present. A copy of the report is included as an official part of the minutes. Mr. Hill stated this is a one-time revision for non-recurring funds out of the 2021 Appropriations Act, and the funds must be encumbered by the end of FY 2023.

11A. Detailed Implementation Plan Revisions: Mr. Hill stated the proposed revisions include the project maximum allocation increased from \$20,000 to \$50,000, the district maximum/year from \$20,000 to \$100,000, repair allocation from \$10,000 to \$75,000, individual repair contract from \$2,500 to \$5,000, technical assistance from \$20,519 to \$120,519 and education and outreach from \$0 to \$50,000.

11B. Average Cost List: Mr. Hill stated the changes to the list include revised engineering costs for those practices requiring an engineering design and replacing the set amount of engineering with 75% of actual cost up to 15% of total project cost to CCAP.

11C. Regional Application Recommendations: Mr. Hill stated there were 59 applications submitted and 35 recommended for funding. The proposed allocation is \$874,300. In the eastern region, there are seven districts that are requesting a total of \$229,250. In the central region, there are seven districts that are requesting a total of \$148,750. In the western region, there are 11 districts that are requesting a total of \$496,300.

12. Agricultural Water Resources Assistance Program Review Committee Recommendations:

Agricultural Water Storage and Collection System BMP Revisions: Chairman Langdon recognized Ms. Sydney Mucha to present. A copy of the report is included as an official part of the minutes. The Agricultural Water Collection and Reuse System BMP edits are as follows:

- Name change to emphasize storage and collection
- Addition of allowable components, including fencing
- Addition of allowable water sources for collection and storage
- Reference to the Produce Safety Rule and the Livestock Water Storage BMP
- Quick Reference Table updates
- Addition or updates to existing forms

13. Agriculture Cost Share Program Technical Review Committee Recommendations: Stream

Debris Removal BMP: Chairman Langdon recognized Mr. Joshua Vetter to present. A copy of the report is included as an official part of the minutes. The Technical Review Committee (TRC)

reviewed the proposed Stream Debris Removal BMP Policy. The Technical Review Committee (TRC) is recommending this practice be included in the Agriculture Cost Share Program (ACSP). This is intended to address small, single landowner debris removal projects on or adjacent to agricultural land, and the practice will be funded using regular ACSP funds. This will not be funded through the Streamflow Rehabilitation Assistance Program (StRAP). The policies were highlighted, and the maintenance period of this policy is one year. This practice is based on actual costs and receipts will not exceed \$15,000 (75%) cost share or \$18,000 (90%) maximum cost share amount. Commissioner Potter stated it is important to make sure this policy is not too restrictive, and item #10 appears to be excessive. Mr. Vetter and Commissioner Willis will review and come to a consensus to determine how the policy can be rewritten before the business meeting this afternoon or bring it before the March Commission meeting.

14. District Issues: Chairman Langdon recognized Mr. Joshua Vetter to present. A copy of the report is included as an official part of the minutes.

14A. Time Extension Request for Contract #25-2019-001: Mr. Vetter stated Craven SWCD presented this contract at the July Commission meeting. The contract was to be completed by the January Commission meeting; however, more time is required to make sure the waste application meets the practice specifications. This is a second extension request. Chairman Dietrich Kilpatrick will present this at the business meeting.

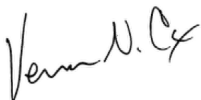
15. FY2021 Commission Cost Share Programs Annual Reports: Chairman Langdon recognized Ms. Julie Henshaw to present. A copy of the report is included as an official part of the minutes.

15A. ACSP, CCAP, and AgWRAP Consolidated Report: Ms. Henshaw stated the highlights will be presented at the business meeting.

15B. Conservation Reserve Enhancement Program Report: *(This item has been removed.)*

IV. Public Comments: Chairman Langdon asked for public comments. Chairman Langdon stated we make a good team and commends the Division staff and the Commission members.

V. Adjournment: Meeting adjourned at 12:22 p.m.



Vernon N. Cox, Director
Division of Soil & Water Conservation, Raleigh, N.C.



Helen Wiklund, Recording Secretary

These minutes were approved by the North Carolina Soil & Water Conservation Commission on March 16, 2022.



**NORTH CAROLINA
SOIL & WATER CONSERVATION COMMISSION
BUSINESS SESSION MEETING MINUTES
January 9, 2022**

Department of Agriculture
Division of Soil & Water Conservation
Sheraton Imperial Hotel & Convention Center
4900 Emperor Blvd.
Durham, NC 27703

Commission Members	Guests	Guests
John Langdon	Richard Smith	Donald F. Rogers
Wayne Collier	George Mainor	Rich George
Blount Knowles	Tommy Houser	David Harris
Chris Hogan - online	Rodney Wright	Craig Frazier
Derek Potter	J. Ben Knox	Kirsten Frazier
Mike Willis	Kenny Browning	Nancy Carter
Commission Counsel	Myles Payne	Eddie Hester
Phillip Reynolds	Ryan Huffman	Alexis Luckey
Guests	Jeff Joyner	Rick Karriker
Vernon Cox	Michelle Raquet	Sam Davis
David Williams	Eric Hamilton	Franklin Williams
Bryan Evans	Scott Melvin	Frankie Singleton
Julie Henshaw	Rachel Weber	Bob Lindsay
Michael Shepherd	Elliot Swain	Dewitt Hardee
Helen Wiklund	Daphne Cartner	Frank Christopher Meares
Ralston James	Tom Gerow	Gary D. Holtzmann
Allie Dinwiddie	James M. Ferguson	Patrick Johnson
Rick McSwain	Mitch Peele	James D. Booth
Brandy Myers	Robin Hammond	John East
Tom Hill	Andrew Cox	Eric Pare - online
Joshua Vetter	Cheryl M. Correll	Tim Beard - online
Sydney Mucha	Wilson Chester Lowder	Anne Coan - online
Ken Parks	Denny Norris	Bill Yarborough - online
Cayle Aldridge	Adam Simon	Anjali Boyd - online
Lisa Fine	Dietrich Kilpatrick	Paula Day - online

Chairman Langdon recognized the service of former Commissioner Samuel Green and Commissioner Chris Hogan, who has filled in for Commissioner Green. Chairman Langdon also recognized Commissioner Collier as the vice chair and thanked him for keeping the commission balanced, informed, and on track. Commissioner Collier stated it has been a pleasure to serve on the commission and is impressed with the division and district staffs and commends the commission and the leadership of

Chairman Langdon. Commissioner Collier added the supervisor training and job approval authority initiatives were just starting when he joined the commission, but they have since become a reality.

Chairman Langdon stated there is a public comment period at the end of the meeting. Anyone that is in attendance, and would like to make a comment, will be given three minutes to speak. The sign-up sheet is in the back of the room.

Chairman Langdon called the meeting to order at 3:10 p.m. Chairman Langdon inquired whether any Commission members need to declare any conflict of interest, or appearance of conflict of interest, that may exist for agenda items under consideration, as mandated by the State Ethics Act. Chairman Langdon stated the meeting guidelines.

1. **Approval of Agenda:** Chairman Langdon asked for approval of the revised agenda with the removal of agenda Item 15B. Commissioner Knowles moved to approve the agenda and Commissioner Willis seconded. Motion carried.
2. **Approval of Meeting Minutes:** Chairman Langdon asked for approval of the minutes. Commissioner Collier moved to approve the minutes and Commissioner Willis seconded. Motion carried.
 - 2A. November 9, 2021 Work Session Meeting Minutes
 - 2B. November 10, 2021 Business Session Meeting Minutes
3. **Division Report:** Chairman Langdon recognized Director Vernon Cox to present. A copy of the report is included as an official part of the minutes. Director Cox stated the following:
 - Personnel Updates
 - New hires, vacancies, and revised organizational chart
 - Legislative Update
 - Approved State Budget
 - \$38M Streamflow Rehabilitation Assistance Program will be administered by the Commission. Funds must be encumbered by 6/30/2023
 - \$1.5M CCAP appropriated dollars. Funds must be encumbered by 6/30/2023
 - \$30M Swine and Dairy Assistance Program
 - Engineering Positions (2)
 - District supervisors can be reimbursed for the actual hotel cost for the Annual Meeting
 - Swine & Dairy Assistance Program will be administered by the Department
 - Farmers are eligible to receive a one-time payment of \$31,500, if there was a loss of a contract between 3/1/2020 – 6/30/2022
 - Swine – Obtain New Contracts
 - 90% of actual costs up to: \$10/head space for renovation and \$20/head space for rebuild housing
 - Swine/Dairy – Out of Business
 - 90% of lagoon/waste storage pond closure up to \$100K (ACSP) and up to \$30K for conversion to agriculture water supply pond (ACSP)
 - Application deadline is 6/30/2023
 - Money must be spent by 12/31/2026

- Nutrient Strategy Watershed (NSW) and how it impacts Water Control Structures (WCS) for water quality in Pamlico County
 - DSWC staff will present a report at an upcoming Pamlico board meeting explaining why Pamlico's CY2020 nitrogen reduction from baseline was different from surrounding counties.
 - March Meeting: Proposed location is Yadkin County
- 4. Association Report:** Chairman Langdon recognized President Blount Knowles to present. A copy of the report is included as an official part of the minutes. President Knowles stated the following:
- There are three candidates for the Piedmont seat on the Commission
 - Leadership development is scheduled at the Annual Meeting, contact Bryan Evans for details
 - Basic Training for Soil and Water Conservation District Supervisors will take place on the following dates:
 - February 1 at the Pitt County Agricultural Center; February 8 at the Western Carolina Agricultural Center; February 22 at the Chatham Agricultural Center
 - 2022 Association Leadership welcomes Commissioner Hughes as the incoming President, Mr. George Teague as 1st Vice President, and Mr. Billy Kilpatrick as 2nd Vice President
- 5. Executive Director's Report:** Chairman Langdon recognized Mr. Bryan Evans to present. A copy of the report is included as an official part of the minutes. Mr. Evans stated the following:
- Last year's budget accomplishments will rely on the districts to allocate funds
 - Area chairs are preparing for the spring meetings
 - Eight new Area Chairs will be sworn in today
 - 2022 Goals
 - Annual Meeting sets the direction and goals for the coming year and resolutions will move through the process and be presented at the March meeting
- 6. NRCS Report:** Chairman Langdon recognized Mr. Tim Beard to present. A copy of the report is included as an official part of the minutes. Mr. Beard stated the following:
- National Update: Staff were phasing back to working in the office beginning on 1/3/2022, but it has been delayed and waiting for guidance from the national office with only 25% in the office
 - State Update: Two Conservation Innovation Grants – NC Foundation received \$520,777 and NCSU was awarded \$421,491
 - Emergency Watershed Protection Program (EWPP) has eight agreements for Tropical Storm Fred
 - In October, 20% of our employees participated in professional development
 - FY 2022 Farm Bill Program Rollout Training focused on new initiatives and different program changes
 - Working in Yadkin County to evaluate seven flood control structures and in Wake County evaluating two flood control structures for rehabilitation

7. **Consent Agenda:** Chairman Langdon asked for approval of the consent agenda. Commissioner Collier moved to approve the consent agenda and Commissioner Knowles seconded. Motion carried.

7A. Supervisor Appointments:

- Keaton Killian, Cherokee SWCD, filling the unexpired appointed term of Chad Decker for 2018-2022 with an attached resignation letter from Mr. Decker
- Patty Dellinger, Lincoln SWCD, filling the unexpired appointed term of Roy Hoyle for 2020-2024 with an attached resignation letter from Mr. Hoyle
- Harold Hunter, Madison SWCD, filling the unexpired appointed term of Donna Jones for 2020-2024 with an attached resignation letter from Ms. Jones
- Ryan Carriker, Richmond SWCD, filling the unexpired appointed term of William Comninaki for 2018-2022 with an attached resignation letter from Mr. Comninaki
- Robin Hammond, Wake SWCD, filling the unexpired elected term of Nervahna Crew for 2018-2022 with an attached resignation letter from Ms. Crew

7B. Supervisor Contracts: 3 contracts; totaling \$47,243

7C. Technical Specialist Designation: Jessica Thompson, Lenoir SWCD, Waste Utilization Planning/Nutrient Management (WUP/NM)

Copies of the reports are included as an official part of the minutes.

8. **Job Approval Authority:** Chairman Langdon recognized Mr. Joshua Vetter to present. A copy of the report is included as an official part of the minutes.

8A. Applications: Mr. Vetter stated there are two applications for comparable NRCS Job Approval Authority (JAA) with one from Lee SWCD and the other from Durham SWCD.

Chairman Langdon asked for a motion to approve. Commissioner Potter moved to approve the applications and Commissioner Willis seconded. Motion carried.

8B. Technical Competency Requirements: Mr. Vetter stated there is one requirement for the Livestock Mortality Management System with two job classes for Freezer/Refrigeration Unit and Incinerator. All the technical competency requirements have been reviewed for all the practices across the three Cost Share Programs for a total of 90 practices of which 52 competencies have been approved. There are 32 practices that remain that are for professional engineer approval only and six practices that can be approved by a certified professional.

Chairman Langdon asked for a motion to approve. Commissioner Knowles moved to approve the technical competency requirements and Commissioner Collier seconded. Motion carried.

9. **Technical Specialist Training Update:** Chairman Langdon recognized Mr. Michael Shepherd. A copy of the report is included as an official part of the minutes.

9A. Audit Results: Mr. Shepherd stated in 2018 Commission rules governing technical specialists were updated to require animal waste technical specialists to obtain six hours of continuing education in a three-year period. The commission also requires Division staff to conduct a 10% audit for continued education credits. Eleven individuals were randomly selected, and the result is that all eleven technical specialists met the audit criteria.

9B. Report and Action on Training Fulfillment: Mr. Shepherd stated Rule 02 NCAC 59G .0104 requires that a technical specialist shall complete six hours of training in a three-year period following initial designation or each three-year period following the effective date of this Rule. A technical specialist designation shall be rescinded by the Commission, if a technical specialist does not fulfill the approved training in the three-year period. The policies adopted by the Commission do not designate specific courses the technical specialist must take. Any hours in excess of six hours cannot be carried over to the next three-year training period. The three-year period for current technical specialists began on January 1, 2019, and for newly designated technical specialists appointed by the Commission would begin the following calendar year on January 1. A committee was formed to conduct a random audit of 10% of the training credits each year. On January 1, 2019, there were 412 technical specialists on the list. At the end of the three-year period, on 12/31/2021, there were 160 technical specialists that met the training requirements. There are 252 technical specialists that did not fulfill their training requirements and are being presented to the Commission to have their designation rescinded.

Chairman Langdon asked for a motion to approve. Commissioner Collier moved to rescind the 252 technical specialist designations and Commissioner Willis seconded. Motion carried.

10. Streamflow Rehabilitation Assistance Program: Chairman Langdon recognized Deputy Director David Williams to present. A copy of the report is included as an official part of the minutes. Director Williams stated one of the programs included in the State Budget is the Streamflow Rehabilitation Assistance Program (StRAP). StRAP received a one-time funding allocation of \$38M. The funds must be encumbered by June 30, 2023 or the funds will revert to the Disaster Relief and Mitigation Fund. The program's purposes were highlighted. The eligible applicants include the following:

- Soil and Water Conservation Districts
- Cities and Counties
- Drainage Districts
- Water or Sewer Authorities
- Municipal or County Service Districts
- Sanitary Districts
- Nonprofit Organizations

The top priority for the projects includes vegetative debris removal (e.g., woody vegetation), in-stream sediment removal, streambank stabilization (vegetative cover) with or without sediment removal, stream restoration, and other stream repair needs (e.g., culvert replacement). Beaver trapping and dam removal may be considered part of stream debris removal. The next category is to provide non-federal match for related disaster recovery activities funded by the Federal government (e.g., USDA Emergency Watershed Protection Program P.L. 566 Small Watershed Project rehabilitation or repair is also an eligible program purpose as described in the following four categories.

- Projects where program funds are used to match federal watershed rehabilitation funds
- Structural rehabilitation or replacement for critical components (e.g., principle spillway, emergency spillway)
- Repair of critical eroding or settling areas
- Removal of accumulated sediment from the impoundment

The StRAP legislation states the Commission shall ensure that debris removed from the streams with funds provided under this program must be removed from the 100-year floodplain or processed in such a manner that the debris does not pose a risk of blockage or significant impairment of normal streamflow during a subsequent flood event.

A Detailed Implementation Plan for funding was presented as follows:

Stream Debris Removal	\$26,000,000
Reserve for Matching Federal Funds	\$4,100,000
Small Watershed Project Rehab	\$6,000,000
Administration	\$1,900,000
TOTAL	\$38,000,000

These targets may be revised once applications are received to prioritize the various categories. The applicant responsibilities were highlighted. The anticipated timeline is as follows:

Commission approval for Detailed Implementation Plan	January 9, 2022
Press release, Q&A sessions	Week of January 17, 2022
Begin receiving applications	January 24, 2022
Close first batching period	March 31, 2022
Recommend project awards for Commission approval	Special called meeting late April 2022

Chairman Langdon asked for a motion to approve. Commissioner Potter moved to approve the timeline and implementation plan and Commissioner Knowles seconded. Motion carried.

Commissioner Potter challenges everyone to get this money on the ground as quickly as possible. Entities that apply for this money should make sure the contractors are ready to go and get the work done quickly.

11. Community Conservation Assistance Program Advisory Committee Recommendations:

Chairman Langdon recognized Mr. Tom Hill to present. A copy of the report is included as an official part of the minutes. Mr. Hill stated these are recommendations from the CCAP Advisory Committee.

11A. Detailed Implementation Plan Revisions: Mr. Hill stated these are the revisions for FY 2022. These funds must be encumbered by the end of FY 2023. The proposed Detailed Implementation Plan (DIP) revisions for non-recurring funds was highlighted. Each region will receive \$428,333. The current DIP amounts and proposed DIP amounts are below.

Item	Current DIP Amounts	Proposed Amounts
Project Maximum (including engineering design)	\$20,000	\$50,000
District Maximum/Year	\$20,000	\$100,000
Repair Allocation	\$10,000	\$75,000
Individual Repair Contract	\$2,500	\$5,000
Technical Assistance	\$20,519	\$120,519
Education and Outreach	\$0	\$50,000

Chairman Langdon asked for a motion to approve. Commissioner Knowles moved to approve the Detailed Implementation Plan revisions and Commissioner Collier seconded. Motion carried.

11B. Average Cost List: Mr. Hill stated this is a change to PY 2022. The proposed changes are:

- Revise engineering costs for those practices requiring an engineering design
- Replace the set amount for engineering with 75% of actual cost up to 15% of total project cost

Chairman Langdon asked for a motion to approve. Commissioner Willis moved to approve the average cost list and Commissioner Collier seconded. Motion carried.

11C. Regional Application Recommendations: Mr. Hill stated these are the 2022 CCAP allocations. There were 59 applications submitted and 35 projects recommended for funding with a proposed allocation of \$874,300. The proposed allocations for each region are as follows:

- Eastern Region: 7 districts requesting \$229,250
- Central Region: 7 districts requesting \$148,750
- Western Region: 11 districts requesting \$496,300

Chairman Langdon asked for a motion to approve. Commissioner Willis moved to approve the regional application recommendations and Commissioner Potter seconded. Motion carried.

12. Agricultural Water Resources Assistance Program Review Committee Recommendations:
Agricultural Water Storage and Collection System BMP Revisions: Chairman Langdon

recognized Ms. Sydney Mucha to present. A copy of the report is included as an official part of the minutes. Ms. Mucha stated the revisions to the practice include the following:

- Name change to emphasize storage and collection of water
- Addition of allowable components, including fencing
- Addition of allowable water sources for collection and storage
- Reference to the Produce Safety Rule and the Livestock Water Storage BMP
- Quick Reference Table updates
- Addition or updates to existing forms

Chairman Langdon asked for a motion to approve. Commissioner Knowles moved to approve the AgWRAP BMP revisions and Commissioner Potter seconded. Motion carried.

13. Agriculture Cost Share Program Technical Review Committee Recommendations: Stream Debris Removal BMP: Chairman Langdon recognized Mr. Joshua Vetter to present. A copy of the report is included as an official part of the minutes. Mr. Vetter stated this BMP was reviewed by the Stream Debris Workgroup, and the revisions were submitted to the Technical Review Committee. This practice is not for the Streamflow Rehabilitation Program. This practice is intended to address small landowner debris removal projects on or adjacent to agricultural land and the practice will be funded using regular ACSP funds. The purpose and definitions of the program were highlighted. The practice maintenance period of one-year was highlighted. The practice cost is for actual costs with receipts not to exceed \$15,000 (75%) or \$18,000 (90%) maximum cost share amount. After the Commission work session, a recommendation was made to revise the BMP policy. The proposed changes to the BMP policy are in *italics* and as follows:

- Policy #6: removed language *“or, where allowed by floodplain regulations,”* and *“Debris removal may be considered floodplain development, therefore floodplain permitting may be required in regulated waterways.”*
- Policy #8: removed language *“No grubbing is allowed.”*
- Policy #10: deleted
- Policy #11: deleted
- Policy #12: removed language *“Avoid disturbance of wetlands and sensitive habitat areas.”*
- Policy #13: deleted

Chairman Langdon asked for a motion to approve. Commissioner Potter moved to approve the amended Stream Debris Removal BMP and Commissioner Willis seconded. Motion carried.

14. District Issues: Chairman Langdon recognized Mr. Joshua Vetter to present. A copy of the report is included as an official part of the minutes.

14A. Time Extension Request for Contract #25-2019-001: Mr. Vetter stated this district issue is from Craven SWCD to extend a contract. In July 2021, the Commission extended the contract to January 2022, and the work has been completed. The district is requesting to extend the contract to for another six months to June 2022. Supervisor Dietrich Kilpatrick stated NRCS is

making this determination that it will take another six months, but they cannot say for sure if this issue will be resolved in six months.

Chairman Langdon asked for a motion to approve. Commissioner Knowles moved to approve the time extension request for Contract #25-2019-001 and Commissioner Willis seconded. Motion carried.

- 15. FY2021 Commission Cost Share Programs Annual Reports:** Chairman Langdon recognized Ms. Julie Henshaw to present. A copy of the report is included as an official part of the minutes.

15A. ACSP, CCAP, and AgWRAP Consolidated Report: Ms. Henshaw stated the report is for the Commission's three cost share programs. The Division works with several conservation partners. The three programs were broken down by allocations from 2017 – 2021. The appropriated amounts indicate funds are still available. A map of the Best Management Practices (BMPs) that were contracted in FY 2021 was shown. Cooperators have up to three years or June 30 of the third year to install the BMPs. A map of the BMPs installed in FY 2021 was also shown. In FY 2021, there were 67 eligible BMPs that covered short- and long-term conservation practices. There are water quality benefits that are achieved by each BMP. In FY 2021, the districts obligated \$5.2M to 762 new contracts through the ACSP. In FY 2021, 686 ACSP contracts were implemented, including those that were contracted in previous years. The BMPs installed through these contracts saved 59,905 tons of soil, managed 90,095 pounds of phosphorus, and 327,292 pounds of nitrogen on 35,250 acres of land. Since the inception of the program in 1984, the practices implemented through ACSP have saved 7.7M tons of soil, 21.3M pounds of phosphorous and 6.9M pounds of nitrogen. In FY2021, 3,329 acres of marginally or environmentally sensitive cropland were contracted to convert to trees, grass or wildlife habitat area. During this timeframe, 2,838 acres were installed and since the program began 216,790 acres have been converted. Districts also contracted 30 waste management practices and implemented 38 waste management practices in FY2021, bringing the total to 4,294 implemented. Since the program began, 1,103 mortality management systems have been installed with 12 contracted and six installed in FY 2021. Four chemical handling and management measures were contracted and six were installed to provide environmentally safe means for application, mixing, and storing agricultural chemicals with 199 being installed since the program began. No-till and conservation tillage practices have adopted some program changes for next year, but in FY 2021, 2,543 acres were contracted, and 3,418 acres were implemented using these practices. There were seven water control structures that were contracted with 13 installed and a total of 4,494 water control structures since the program's inception. Fifteen acres of riparian buffers have been installed in FY2021, for a total of 17,073 acres since the program began. In FY 2021, 30 miles of livestock exclusion fencing was contracted with 17 miles installed. Since the program began, 1,477 miles of fencing has been installed, in combination with other practices (e.g. watering sources), to exclude livestock from streams or other bodies of water.

The Community Conservation Assistance Program (CCAP) has 17 BMP practices and awards are made through a Regional Application Process. In FY 2021, 10 districts were awarded a total of \$144,825 to contract 23 projects ranging from backyard raingardens to large-scale marsh sills.

The Agricultural Water Resources Assistance Program (AgWRAP) has eight eligible Best Management Practices (BMPs). The program's benefits were highlighted. Over \$1M of state

funds were allocated to districts to implement 152 contracts through AgWRAP. AgWRAP has helped install 93 new water supply ponds and repaired 50 water supply ponds over the life of the program. In FY2021, 7 new water supply ponds were contracted and 21 were installed. In FY2021, 11 pond sediment removal BMPs were contracted and 3 were implemented to increase water storage capacity. AgWRAP has helped 77 pond sediment removal projects to be implemented. 57 conservation irrigation conversions, including micro-irrigation conversions have been completed to increase water use efficiency. In FY2021, 8 Conservation Irrigation Conversion practices (including Micro-irrigation) were contracted and 12 were implemented. Chairman Langdon asked for a motion to approve. Commissioner Knowles moved to approve the report and Commissioner Willis seconded. Motion carried.

15B. Conservation Reserve Enhancement Program Report: *(This item has been removed.)*

IV. Public Comments: Chairman Langdon stated there are two plaques to be awarded after the public comments. Chairman Langdon stated no one in the room signed up for public comments. There are three people online that signed up to speak and they are limited to three minutes each.

Ms. Anjali Boyd stated she is from Durham SWCD and is reading a letter from Ms. Phoebe Gooding on her behalf. Ms. Boyd read the statement, which included a statement submitted to WRAL and Chairman Langdon's comments about Ms. Gooding's position with Toxic Free NC. The Durham SWCD nominated Ms. Gooding and believes she is a good fit. Ms. Gooding asked an oversight committee to be formed to investigate on the grounds that the Commission should not have the authority over the board.

Ms. Rachel Weber stated she is a member of Toxic Free NC and she is commenting on the nomination of Ms. Phoebe Gooding by the Durham Soil and Water District Board to serve as a Durham supervisor. Ms. Weber urged the Commission to approve Ms. Gooding's appointment. Ms. Weber stated district supervisors can make the decisions that meet the needs of the district but why would the Commission intervene and not appoint a highly qualified person. It was a unanimous vote by the board and there needs to be transparency. The Commission should document and disclose their reasoning and be clear and transparent and be held to public scrutiny. The chairman's media statement that the organization does not align with soil and water is baffling. Ms. Gooding is an excellent choice. The district should be allowed to make their own choice. The decision should be reversed and move forward with the nomination of Phoebe Gooding.

Ms. Alexis Luckey is the executive director of Toxic Free NC since 2018 and a Durham resident. Toxic Free NC celebrated Ms. Phoebe Gooding's nomination due to her leadership and expertise, as well as her experience as a farmer and woman of color, which was unanimously approved by the Durham SWCD Board of Supervisors. The Toxic Free team supported her nomination, and when the Commission superseded the nomination, 1,000 North Carolinians signed a petition to have Ms. Gooding appointed. Toxic Free NC has worked alongside North Carolina farmers and promotes a safe system of agriculture. Toxic Free NC protects the integrity of our soil and water. We call on the Commission to reverse its decision today and let the Durham board move forward with the appointment of Ms. Gooding as a qualified farmer.

There being no further comments, Chairman Langdon stated this ends our public comment period.

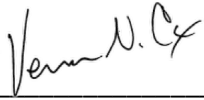
Chairman Langdon stated Commissioner Hogan is not in attendance, but the North Carolina Soil & Water Conservation Commission would like to present a plaque to William Christopher Hogan in grateful

appreciation and recognition of distinguished service and leadership as a member of the North Carolina Soil & Water Commission for his years of service from 2020-2021.

Chairman Langdon recognized Commissioner Collier and stated the North Carolina Soil and Water Conservation Commission is pleased to present a plaque presented to C. Wayne Collier, Jr. in grateful appreciation and recognition of distinguished service and leadership as a member of the North Carolina Soil & Water Commission for his years of service from 2016 – 2022.

Commissioner Collier thanked everyone for the opportunity to serve.

V. Adjournment: Meeting adjourned at 5:11 p.m.



Vernon N. Cox, Director
Division of Soil & Water Conservation, Raleigh, N.C.



Helen Wiklund, Recording Secretary

These minutes were approved by the North Carolina Soil & Water Conservation Commission on March 16, 2022.



**NORTH CAROLINA
SOIL & WATER CONSERVATION COMMISSION
WORK SESSION MEETING MINUTES
November 9, 2021**

Department of Agriculture
Division of Soil & Water Conservation
Steve Troxler Agricultural Sciences Center
4400 Reedy Creek Road
Raleigh, NC 27607

Commission Members	Guests	Guests
John Langdon	Rick McSwain	Scott Melvin
Wayne Collier	Ken Parks	Brandy Myers
Blount Knowles	Eric Pare	Gail Hughes
Chris Hogan - online	Tom Hill	Allie Dinwiddie
Chris Hughes - online	Sydney Mucha	Kristina Fischer
Derek Potter	Michael Shepherd	Paula Day
Mike Willis	Joshua Vetter	Patrick Mitchell
Commission Counsel	Helen Wiklund	Craig Frazier
Phillip Reynolds	Sandra Weitzel	Anne Coan
Guests	Ralston James	Rob Baldwin
Vernon Cox	Cayle Aldridge	Randy Freeman
David Williams	Julie Henshaw	
Bryan Evans	Lisa Fine	

Chairman Langdon called the meeting to order at 6:01 p.m. Chairman Langdon inquired whether any Commission members need to declare any conflict of interest, or appearance of conflict of interest, that may exist for agenda items under consideration, as mandated by the State Ethics Act. Chairman Langdon stated the meeting guidelines. Chairman Langdon asked all participants to introduce themselves.

- 1. Approval of Agenda:** Chairman Langdon asked for comments on the agenda. None were declared.
- 2. Approval of Meeting Minutes:** Chairman Langdon asked for comments of the minutes.
 - 2A.** September 21, 2021 Work Session Meeting Minutes
 - 2B.** September 22, 2021 Business Session Meeting Minutes

Commissioner Collier stated the minutes are in order. Chairman Langdon stated he appreciates Commissioner Collier's participation and assistance with the Commission.

3. **Division Report:** Chairman Langdon recognized Director Vernon Cox to present. A copy of the report is included as an official part of the minutes. Director Cox stated the report will be presented tomorrow, and there is a proposed organizational chart that is included in the report. However, the current organizational chart is missing and will be provided tomorrow.
4. **Association Report:** Chairman Langdon recognized President Blount Knowles to present. A copy of the report is included as an official part of the minutes. President Knowles stated the report will be presented tomorrow.
5. **Executive Director's Report:** Chairman Langdon recognized Mr. Bryan Evans to present. A copy of the report is included as an official part of the minutes. Mr. Evans stated the report will be presented tomorrow.
6. **NRCS Report:** Chairman Langdon recognized Mr. Tim Beard to present. A copy of the report is included as an official part of the minutes. Mr. Beard will present the report tomorrow.
7. **Consent Agenda:** Chairman Langdon recognized Deputy Director David Williams and Mr. Joshua Vetter to present. Copies of the reports are included as an official part of the minutes.

7A. Supervisor Appointments:

- John Glenn Skinner, Jr., Carteret SWCD, filling the unexpired appointed term of Herbert Page (deceased) for 2020-2024
- Cheryl McCoy Correll, Rowan SWCD, filling the unexpired elected term of Leonard Maxwell West for 2018-2022 with an attached resignation letter from Mr. West

Deputy Director Williams stated the supervisor reappointment form is being uploaded to Forms site to make it easier and more legible for the districts to fill out.

7B. Supervisor Contracts: 6 contracts; totaling \$69,805

8. **Job Approval Authority:** Chairman Langdon recognized Mr. Rick McSwain to present. A copy of the report is included as an official part of the minutes.

8A. Technical Competency Requirements: Mr. McSwain stated the Job Approval Authority Workgroup is recommending three Best Management Practices (BMPs) for approval.

- Lagoon Biosolids Removal
 - Units = Type and Job Class I = All
 - Added under Prerequisites number 8, "*Waste Utilization Planning/Nutrient Management (WUP/NM) technical Specialist Designation*"
 - Individuals applying for Job Approval Authority (JAA) with this practice must submit two designs with one design being put on the ground
- Manure/Litter Transportation Incentive
 - Added under the KSAs number 1, "*Knowledge of Manure/Litter waste transportation methods and equipment*"
 - Units = Type and Job Class I = All

- Closure of Abandoned Waste Impoundment
 - Only applies to waste ponds and lagoons
 - Controlling Factor = Storage After Closure*, Units = Gallons and Job Class I = Zero
 - Added under Prerequisites, *“*If storage of fresh water is to be maintained after verification of waste removal, a PE must be involved with spillway design and 360 JAA is not applicable”*

Mr. McSwain stated Michael Shepherd is working on the technical competency requirements for MicroIrrigation and will be presented at the January Commission meeting.

Chairman Langdon stated the transportation of manure and the handling of the sludge component needs to be reviewed.

9. Randolph Soil and Water Conservation District AgWRAP Allocation: Chairman Langdon recognized Ms. Sydney Mucha to present. A copy of the report is included as an official part of the minutes. Ms. Mucha stated Randolph SWCD submitted a revised strategic plan to request AgWRAP funds, which is in line with Rule 01 NCAC 59D .0105. Mr. Craig Frazier stated the district had not submitted requests for AgWRAP funds because the district had no interest. Later, a producer in the district requested AgWRAP funding, and the district submitted the request. Ms. Mucha stated the district is not penalized for the return of AgWRAP funds; it does not affect the district’s AgWRAP score.

10. CCAP Average Cost List: Chairman Langdon recognized Mr. Tom Hill to present. A copy of the report is included as an official part of the minutes. Mr. Hill stated the below proposed changes to the list and to move towards actual costs, with caps on the appropriate Best Management Practices (BMPs):

- Minor updates since the program’s inception in 2008
- Difficulties by the districts during discussion with participants regarding average costs
- Confusion for participants over the costs
- Minimal costs of several components
- Data analysis of information uploaded to CS2
- Gathering of data from the Districts via invoices and estimates
- Discussions and cost data comparisons from contracts and suppliers
- Web searches for local costs across the state
- Data obtained will be used as guidance to Districts on “average costs”

The current Commission project and district caps are below, and if additional funding becomes available, these caps would be revisited:

- \$20,000 cap per project and \$20,000 cap per district

The following seven BMPs have proposed changes and the CCAP Advisory Committee recommends the following for each of these BMPs:

- Backyard Rain Gardens and Wetlands

- Move to Actual Costs, capped at \$2,750
- Cisterns
 - 3 tiers based on cistern size; includes foundation (gravel and concrete)
 - Accessories = increase to \$1,000 cap (from \$700)
 - Shipping = increase to \$750 cap (from \$500)
- Critical Area Planting
 - Move to Actual Cost
- Diversions and Grassed Swales
 - Move to Actual Cost
- Impervious Surface Conversion
 - Move to Actual Cost
- Permeable Pavement
 - Move to Actual Cost, costs include removal
 - Capped at \$16.90/sq ft for non-vehicular
 - Capped at \$23/sq ft for vehicular)
- Marsh Sill
 - Move to Actual Cost with caps
 - ≤100 feet, cap at \$10,000
 - >100 feet, \$100/foot each additional foot

Chairman Langdon called a break at 6:58 p.m. The meeting resumed at 7:09 p.m.

11. Neuse and Tar-Pamlico Annual Progress Reports for Agriculture: Chairman Langdon recognized Ms. Allie Dinwiddie to present. A copy of the report is included as an official part of the minutes. Ms. Dinwiddie stated there are two Annual Progress Reports for Crop Year 2020.

Neuse River Basin CY2020 highlights are as follows:

- Achieved 48% nitrogen loss reduction from baseline which exceeds the 30% mandate
- Increase in 1,591 unfertilized cover crop acres
- Moderate buffer increases: four acres of 20' buffers, six acres of 30' buffers, and two acres of 50' buffers
- Over \$879,000 from ACSP and over \$1.4M from EQIP were spent in the basin

Tar-Pamlico River Basin CY2020 highlights are as follows:

- Achieved 53% nitrogen loss reduction from baseline which exceeds the 30% mandate
- Increase in 5,298 unfertilized cover crop acres
- Increase in 103 acres of 30' buffers and 19 acres of 100' buffers
- Almost \$354,000 from ACSP and over \$836,000 from EQIP spent in the basin
- No net increase in phosphorus loss risk for six of nine qualitative indicator factors

A more detailed report will be presented at the business meeting tomorrow, which includes the methodology, the Agriculture Rules requirements, the highlights from both river basins for CY2020, updates on existing nutrient strategies, and nutrient strategies under development elsewhere in the state.

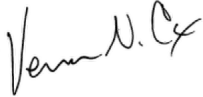
Commissioner Potter asked about the varying differences in Table 2 in the 2021 Annual Progress Report on the Neuse Agricultural Rule under the Nitrogen Reduction from Baseline column for CY2020 for Pamlico County. Ms. Dinwiddie stated the agriculture community in the Neuse basin has a collective mandate, and met that mandate in CY2020, although the Neuse Basin Oversight Committee does set reduction target percentages for each county to meet annually. Each county targets a 30% reduction in nitrogen from the baseline. In CY2020, Pamlico and Carteret County did not meet the 30% county nitrogen reduction target. Agriculture in the portion of Carteret County lying in the Neuse River Basin consists predominantly of one producer. There are limited opportunities for Carteret County to meet the 30% reduction target, as a result. In CY2020, Pamlico had an increase in reported corn acreage compared to CY2018, when the county almost met the 30% reduction target. There was also a reduction in reported soybean acreage in CY2020 from CY2018 totals in Pamlico. Additionally, there was a reporting change between CY2018 and CY2019, and this year's annual report. For the 2020 Annual Progress Reports for the Neuse and Tar-Pamlico Basins (CY2019), the Basin Oversight Committees approved a methodology change in accounting for water control structure affected acres for nitrogen reduction credit. Starting with the 2020 Annual Progress Report (CY2019) and moving forward, all water control structure contracts no longer under active maintenance were removed from reporting figures on a 10-year rolling basis. Only state and federal water control structure BMPs under active contract are now reported for nitrogen loss reduction credits, unless older structures are manually confirmed to still be operational and actively managed for water quality. Districts and Division staff have been working to establish a procedure to verify older water control structures are being appropriately managed for water quality to add these older structures back into county BMP totals for nitrogen reduction credit. Pamlico and Carteret counties are working to improve their reductions, which decreased in CY2020 primarily due to an annual transition from crops with lower nitrogen input to crops with higher nitrogen input, as well as the methodological adjustment of cumulative water control structure BMP acres that initially changed with CY2019 reporting. Commissioner Potter stated this report shows only an 11% reduction in nitrogen in Pamlico County from the baseline. This report must be re-evaluated; it states not one water control structure BMP that was installed prior to CY2010 is working and managed for water quality. Ms. Anne Coan, who is the chairwoman of the Basin Oversight Committees and Watershed Oversight Committees, stated the Committees are under pressure to defend the nitrogen reductions achieved in the basins. The Environmental Management Commission (EMC) used to hear these annual progress reports and previous members considered agriculture's annual reporting as a paperwork exercise. Ms. Coan further stated the collective nutrient reductions achieved by agriculture in the Neuse and Tar-Pamlico Basins are significant. With regards to concerns about the realistic yield estimates (RYE) and nitrogen use efficiencies (NUE) is a different discussion. Ms. Henshaw stated the Division of Water Resources (DWR) wants documentation that water control structures are being actively managed to count in the nitrogen goal reduction; either through a maintenance contract or through manual confirmation from district staff checking the structures for appropriate management. Water control structure affected acreage can be added back into the calculations for those counties that this change affected, if structure integrity and appropriate management for water quality is confirmed for older structures. Director Cox stated the Division can do an analysis into why Pamlico County is so different from the other counties.

- 12. District Issues:** Chairman Langdon recognized Mr. Joshua Vetter to present. A copy of the report is included as an official part of the minutes.

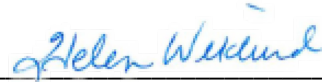
12A. Post Approval Contract #92-2022-802: Mr. Vetter stated the request comes from Wake SWCD. The request is for a well repair contract through AgWRAP. The cooperater installed the well but two months later, there was a fracture below the casing depth. A contractor was hired, and the well was repaired before getting approval from the district.

IV. Public Comments: Chairman Langdon asked for public comments. Commissioner Willis stated the stream debris removal practice in the Ag. Cost Share Program needs to be approved sooner than later.

V. Adjournment: Meeting adjourned at 7:51 p.m.



Vernon N. Cox, Director
Division of Soil & Water Conservation, Raleigh, N.C.



Helen Wiklund, Recording Secretary

These minutes were approved by the North Carolina Soil & Water Conservation Commission on January 9, 2022.



**NORTH CAROLINA
SOIL & WATER CONSERVATION COMMISSION
BUSINESS SESSION MEETING MINUTES
November 10, 2021**

Department of Agriculture
Division of Soil & Water Conservation
Steve Troxler Agricultural Sciences Center
4400 Reedy Creek Road
Raleigh, NC 27607

Commission Members	Guests	Guests
John Langdon	Rick McSwain	Cayle Aldridge
Wayne Collier	Ken Parks	Ralston James
Blount Knowles	Tim Beard	Patrick Johnson
Chris Hogan - online	Tom Hill	John Beck
Chris Hughes - online	Helen Wiklund	Charles Bass III
Derek Potter	Michael Shepherd	Michelle Raquet
Mike Willis	Anne Coan	Daphne Cartner
Commission Counsel	Rob Baldwin	Tom Gerow
Phillip Reynolds	Lisa Fine	Daniel McClellan
Guests	Keith Larick	Kaitlyn Johnson
Vernon Cox	Allie Dinwiddie	Paula Day
David Williams	Scott Melvin	Eric Pare
Julie Henshaw	Joe Hudyncia	Brandy Myers
Kristina Fischer	Sandra Weitzel	Bryan Evans
Joshua Vetter	Sydney Mucha	

Chairman Langdon called the meeting to order at 9:05 a.m. Chairman Langdon inquired whether any Commission members need to declare any conflict of interest, or appearance of conflict of interest, that may exist for agenda items under consideration, as mandated by the State Ethics Act. Chairman Langdon stated the meeting guidelines. Chairman Langdon asked all participants to introduce themselves.

- 1. Approval of Agenda:** Chairman Langdon asked for approval of the agenda. Commissioner Potter moved to approve the agenda and Commissioner Knowles seconded. Motion carried.
- 2. Approval of Meeting Minutes:** Chairman Langdon asked for approval of the minutes.
 - 2A.** September 21, 2021 Work Session Meeting Minutes
 - 2B.** September 22, 2021 Business Session Meeting Minutes

Commissioner Collier moved to approve the minutes and Commissioner Willis seconded.
Motion carried.

3. Division Report: Chairman Langdon recognized Director Vernon Cox to present. A copy of the report is included as an official part of the minutes. Director Cox stated the following:

- Coronavirus Update
 - Governor Cooper extends the State of Emergency Declaration through January 5, 2022
 - DSWC Operations continue with teleworking options
- Personnel Update
 - New Hires: – Brandy Myers (Central Region Coordinator)
 - Vacancies: Administrative Specialist; Engineer I; Engineering Services Section Chief; Environmental Services Section Chief
 - New Environmental Services Section and Engineering Services Section originally known as the Technical Services Section
- Legislative Update
 - Waiting for approved budget
- January Commission Meeting at the Sheraton Imperial in RTP

4. Association Report: Chairman Langdon recognized President Blount Knowles to present. A copy of the report is included as an official part of the minutes. President Knowles stated the following:

- 2021 Legislative Actions
- Annual Meeting will be held January 9-11, 2022 at the Sheraton Imperial in RTP
- Dedicated the new Soil and Water Building at the State Fairgrounds with a ribbon cutting ceremony on October 19, 2021 named after Bob Stanfield
- Working towards in-person Leadership Development Training by the end of the year
- Basic Training for Soil and Water Conservation Supervisors in February 2022

5. Executive Director's Report: Chairman Langdon recognized Mr. Bryan Evans to present. A copy of the report is included as an official part of the minutes. Mr. Evans thanked the Commission and Area Chairs for their participation. Mr. Evans stated the following:

- Areas Report
 - All eight meetings will conclude next week with several held virtually
 - Area 1 submitted a resolution to get NRCS EWP funding the same as ECP funding and FEMA funding and Area 8 submitted a resolution to establish a Code of Ethics for Supervisors at the Annual Meeting
- 2022 Association Elections
 - Billy Kilpatrick, supervisor from Duplin SWCD, will serve as 2nd Vice President
 - Three nominations for the Piedmont Commission Seat

6. NRCS Report: Chairman Langdon recognized Mr. Tim Beard to present. A copy of the report is included as an official part of the minutes. Mr. Beard stated the following:

- National Update
 - NRCS announces conservation funding opportunities for 2022 for agricultural producers and private landowners
 - COVID-19 Vaccination Requirements; all USDA employees are expected to be vaccinated by November 22, 2021
 - Agency has a return to work plan in December starting in the National office and continue with the States in January/February and down to the field offices
- State Update
 - Environmental Quality Incentives Program (EQIP) application cutoff date was October 29 and NRCS is in the process of ranking the applications
 - Climate Smart Agriculture and Forestry (CSAF) is a new program initiative that is being offered in FY2022
 - Conservation Corps of North Carolina (CCNC) signed an agreement to help landowners with small acreages to address forestry needs in North Carolina
 - Coronavirus Agricultural Relief Program (CARP) allows NRCS to provide additional financial assistance to producers that have installed conservation practices between January 1, 2021 and December 31, 2021 and additional funding will assist with the rising cost of materials
 - Emergency Watershed Protection (EWP) Program has submitted a request to the national office to make sure we have adequate funds in the program to address natural disasters in the state
 - New State Leadership Team Members
 - Yamika Bennett is the new Assistant State Conservationist in Area 3 and Michael Jones is the new State Soil Scientist
 - Stuart Lee left the State office and working at the National level and Rafael Vega is transferring to a new position

7. Consent Agenda: Chairman Langdon asked for approval of the consent agenda. Commissioner Knowles moved to approve the consent agenda and Commissioner Willis seconded. Motion carried.

7A. Supervisor Appointments:

- John Glenn Skinner, Jr., Carteret SWCD, filling the unexpired appointed term of Herbert Page (deceased) for 2020-2024
- Cheryl McCoy Correll, Rowan SWCD, filling the unexpired elected term of Leonard Maxwell West for 2018-2022 with an attached resignation letter from Mr. West

7B. Supervisor Contracts: 6 contracts; totaling \$69,805

Copies of the reports are included as official part of the minutes.

Chairman Langdon called a break at 9:55 a.m. The meeting resumed at 10:06 a.m.

8. Job Approval Authority: Chairman Langdon recognized Mr. Rick McSwain to present. A copy of the report is included as an official part of the minutes.

8A. Technical Competency Requirements: Mr. McSwain stated there are three technical competency requirements presented for approval.

- Lagoon Biosolids Removal; Units = Type and Job Class I = All
- Manure/Litter Transportation Incentive; Units = Type and Job Class I = All
- Closure of Abandoned Waste Impoundment; Units = Gallons and Job Class I = Zero
 - Added under Prerequisites, *“*If storage of fresh water is to be maintained after verification of waste removal, a PE must be involved with spillway design and 360 JAA is not applicable.”*

Chairman Langdon asked for a motion. Commissioner Willis moved to approve the technical competency requirements and Commissioner Potter seconded. Motion carried.

9. Randolph Soil and Water Conservation District AgWRAP Allocation: Chairman Langdon recognized Ms. Sydney Mucha to present. A copy of the report is included as an official part of the minutes. Ms. Mucha stated Randolph SWCD is requesting \$6,670 for an AgWRAP well, the district’s strategic plan has been amended.

Chairman Langdon asked for approval of the allocation. Commissioner Willis moved to approve the allocation and Commissioner Hughes seconded. Motion carried.

10. CCAP Average Cost List: Chairman Langdon recognized Mr. Tom Hill to present. A copy of the report is included as an official part of the minutes. Mr. Hill stated the following:

- CCAP Cost List – Proposed Changes
 - Move toward actual costs, with caps on appropriate BMPs
- CCAP Cost List – Current Caps
- CCAP Cost List – Proposed Changes to Seven BMPs
 - Backyard Rain Gardens and Wetlands
 - Move to Actual Costs, capped at \$2,750
 - Cisterns
 - 3 tiers based on cistern size; includes foundation (gravel and concrete)
 - Accessories = increase to \$1,000 cap (from \$700)
 - Shipping = increase to \$750 cap (from \$500)
 - Critical Area Planting
 - Move to Actual Cost
 - Diversions and Grassed Swales
 - Move to Actual Cost
 - Impervious Surface Removal
 - Move to Actual Cost
 - Permeable Pavement
 - Move to Actual Cost, costs include removal
 - Capped at \$16.90/sq ft for non-vehicular
 - Capped at \$23/sq ft for vehicular
 - Marsh Sill
 - Move to Actual Cost with caps

- ≤100 feet, cap at \$10,000
- > 100 feet, \$100/foot each additional foot

Chairman Langdon asked for approval of the average cost list. Commissioner Potter moved to approve the list and Commissioner Knowles seconded. Motion carried.

11. Neuse and Tar-Pamlico Annual Progress Reports for Agriculture: Chairman Langdon recognized Ms. Allie Dinwiddie to present. A copy of the report is included as an official part of the minutes. Ms. Dinwiddie stated the following regarding Nutrient Sensitive Watersheds:

- There are four agriculture rules for the following basins/watersheds: Neuse River Basin, Tar-Pamlico River Basin, Jordan Lake Watershed, and Falls Lake Watershed
- Most of the existing Nutrient Sensitive Waters (NSW) strategies are in the east with the High Rock Lake Watershed NSW strategy under development in the west
- Since rule implementation, there have been funding changes to positions assisting with NSW agriculture reporting requirements
 - Nonpoint Source Planning Coordinator position is now assigned reporting responsibilities for all existing NSW basins and watersheds
- Agriculture community receives annual nitrogen reduction credits for implementation of the following Nutrient Reduction Best Management Practices for NRCS and ACSP: unfertilized cover crops, buffers, and water control structures (and livestock exclusion systems in Jordan and Falls Lake only)
 - Annual implementation totals of additional Nutrient Reduction Best Management Practices are also included in Annual Progress Reports
- Data Used in Reporting
 - Farm Service Agency Annual Crop Reports
 - Fertilization rate application data
 - USDA NASS livestock data and Agriculture Census Data
 - Local knowledge and data on farmer-implemented nutrient-reducing BMPs not supported by cost share funding
- Crop Year 2020 Highlights for Neuse and Tar-Pamlico River Basins include:
 - 48% nitrogen loss reduction in the Neuse River Basin
 - 53% nitrogen loss reduction and no net increase in phosphorus loss risk for six of the nine qualitative indicator factors in the Tar-Pamlico River Basin
 - Required nitrogen reduction in these watersheds is 30% from baseline values
- Contributing factors for nitrogen reductions in Crop Year 2020
 - Long Term: Reduction in reported cropland acres; Reduction in reported hayland acres; Decrease in fertilization rates, and Increase in nutrient-reducing BMP implementation
 - Short Term: Annual crop shifts from high nitrogen input crops to low nitrogen input crops (e.g. corn to soybeans)
- NSW Basins/Watersheds – Current Status and Updates
 - Neuse: Agriculture Rule was re-adopted in 2020
 - Tar-Pamlico: Agriculture Rule was re-adopted in 2020
 - Falls Lake: Upper Neuse River Basin Association is developing model scenarios for additional analysis. Additional details on modeling activities anticipated to be shared with the Commission at the March 2022 meeting.

- Jordan Lake: Rules up for revision in 2022; current goal is to finalize rules by end of 2024
- High Rock Lake Watershed: model finalized, stakeholder process was initiated and stalled during completion of the review of North Carolina's nutrient related water quality criteria; anticipate re-starting in 2022, Rules must be developed, current goal is to start drafting rules by 2022, finalize rules by the end of 2024

Commissioner Potter questioned the validity of the numbers in the report for Pamlico County and stated that he did not want the numbers in the report to be used in the wrong way; going forward long term. As the coastal representative to the Commission, Commissioner Potter expressed concerns that nitrogen reduction activities that are still occurring and associated with past efforts to implement nitrogen-reduction Best Management Practices are not being counted. Oversight Committees need to be made aware of these concerns and the continuing nitrogen reduction activities for future reference.

Ms. Henshaw stated the Division of Water Resources (DWR) produces a Falls Lake Nutrient Sensitive Waters Status Update to the Environmental Management Commission (EMC) every five years and will include the update in the January Commission packet.

Director Cox stated the Agriculture Cost Share Program (ACSP) is funded by the state to address the water quality impacts of agricultural activities in these watersheds. Our voluntary programs are an alternative to a regulatory program. The reports must be accurate so we can demonstrate that our programs are effective and continue to be viewed as a valid alternative to more regulatory actions that other entities may want to impose.

12. District Issues: Chairman Langdon recognized Mr. Joshua Vetter to present. A copy of the report is included as an official part of the minutes.

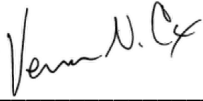
12A. Post Approval Contract #92-2022-802: Mr. Vetter stated the request comes from Wake SWCD. The request is for post approval of Contract #92-2022-802 for an AgWRAP well. The well was installed but two months later, there was a fracture below the casing depth. Mr. Brown contacted the district and the contractor, but Division staff was not notified. Wake Supervisor Patrick Johnson and Mr. John Beck are in attendance from the district. Mr. Beck stated Mr. Brown did everything he was supposed to do in the process and contacted the district and the well driller. Mr. Brown is asking for a minimal amount for the drilling repair. The entire irrigation system is being used and successful.

Chairman Langdon asked for approval of the contract. Commissioner Knowles moved to approve the request and Commissioner Hughes seconded. Motion carried.

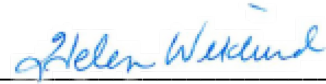
IV. Public Comments: Chairman Langdon asked for public comments. Chairman Langdon thanked everyone present for adjusting their schedules.

Commissioner Collier stated he is impressed by the quick response from the Association and district staff to questions from the Commission and best wishes to our Chairman, as he undergoes surgery.

V. Adjournment: Meeting adjourned at 11:02 a.m.



Vernon N. Cox, Director
Division of Soil & Water Conservation, Raleigh, N.C.



Helen Wiklund, Recording Secretary

These minutes were approved by the North Carolina Soil & Water Conservation Commission on January 9, 2022.

Personnel

- **New Hires:**

- *Engineering Services Section Chief – Scott Melvin*
- *Environmental Services Section Chief – Josh Vetter*

- **Vacancies:**

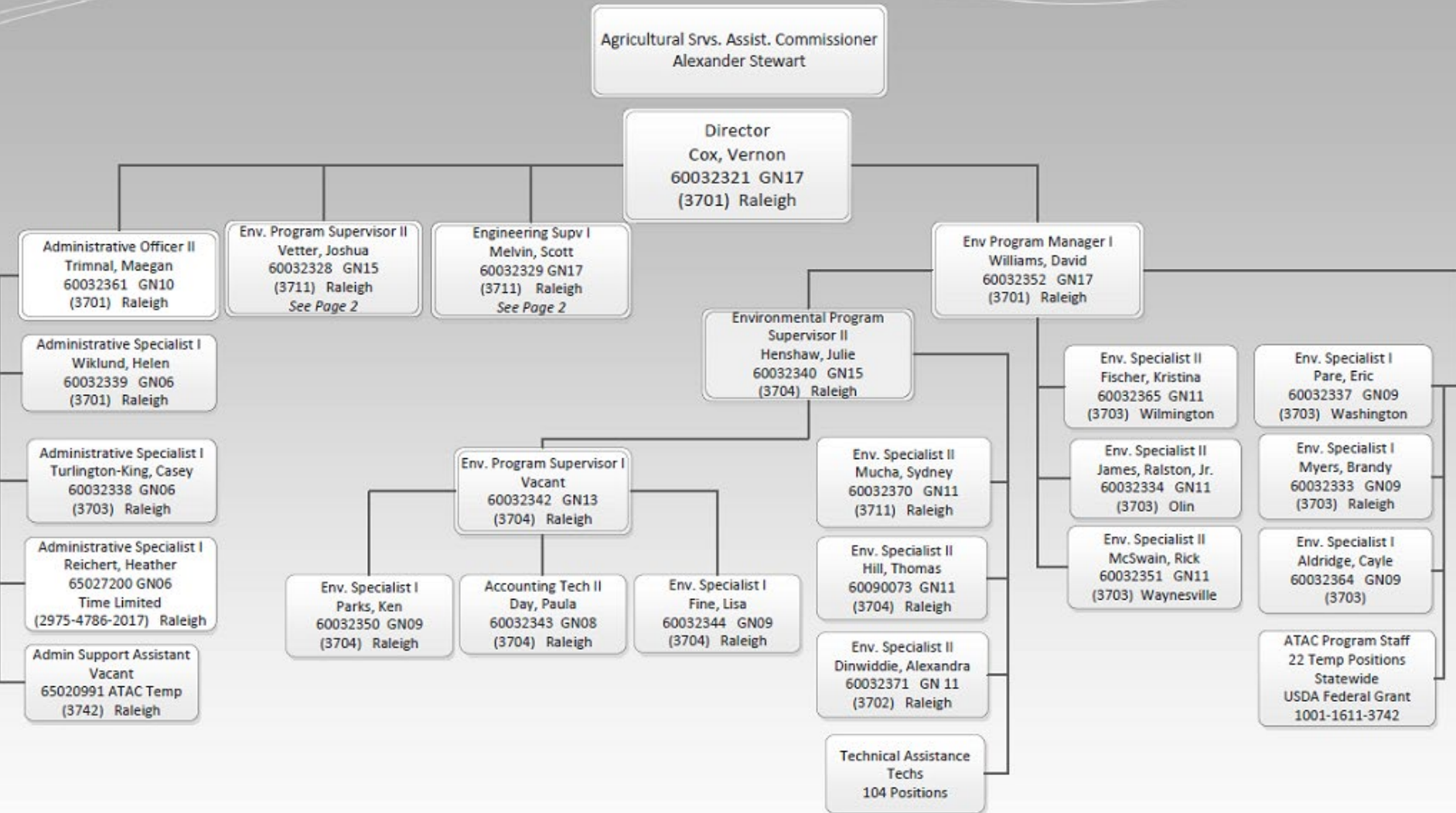
- Engineer I (Saad Masood) – Advertise
- Engineer II (Scott Melvin) – Advertise
- Environmental Program Supervisor I (Josh Vetter) - Advertise



NCD&CS Division of Soil & Water Conservation

December 7, 2021

ATTACHMENT 3 BLUE



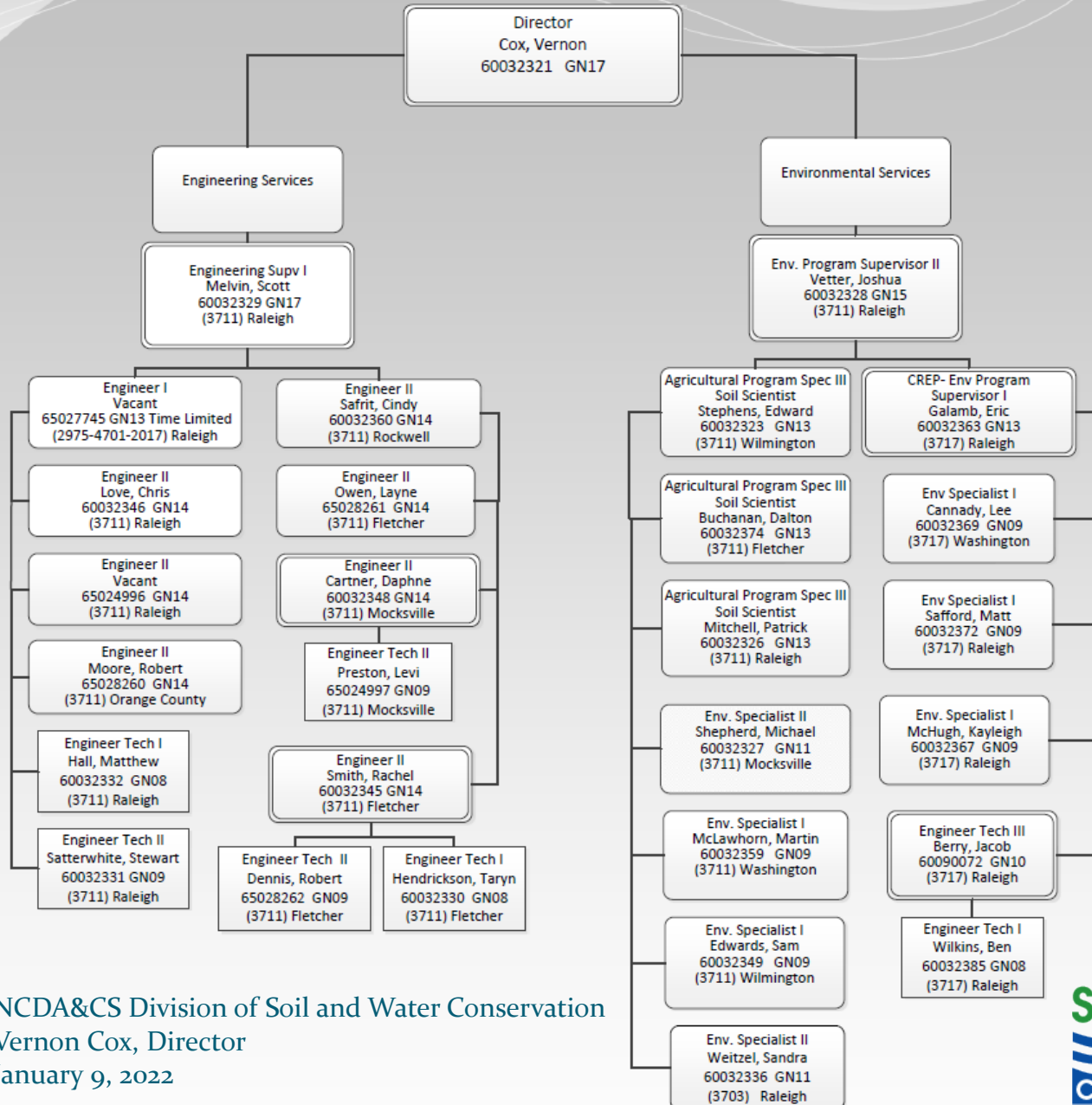
NCD&CS Division of Soil and Water Conservation
 Vernon Cox, Director
 January 9, 2022



NCDA&CS Division of Soil & Water Conservation

December 7, 2021

ATTACHMENT 3 BLUE



NCDA&CS Division of Soil and Water Conservation
 Vernon Cox, Director
 January 9, 2022



Legislative Update

- \$38M – Streamflow Rehabilitation Assistance Program
 - Administered by SWCC (See agenda item)
- \$1.5M CCCAP
- \$30M - Swine and Dairy Assistance Program
- Engineering Positions (2)



Swine & Dairy Assistance Program

- Administered by NCDA&CS
- Eligibility
 - Swine – loss of contract between 3/1/20 – 6/30/22
 - Dairy (Grade A)
 - Ceased production for any time between 3/1/20 – 6/30/22
 - \$31,500 one-time payment

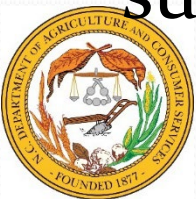


NCDA&CS Division of Soil and Water Conservation
Vernon Cox, Director
January 9, 2022



Swine & Dairy Assistance Program

- Swine – Obtain New Contracts
 - 90% of actual costs up to:
 - \$10/head space for renovation
 - \$20/head space for rebuild housing
- Swine/Dairy – Out of Business
 - 90% of lagoon/waste storage pond closure up to \$100,000 (ACSP)
 - Up to \$30,000 for conversion to ag. water supply pond. (ACSP)



Swine & Dairy Assistance Program

- Application Deadline: 6/30/2023
- \$\$\$ must be spent by 12/31/2026



NCDA&CS Division of Soil and Water Conservation
Vernon Cox, Director
January 9, 2022



Annual Agriculture NSW Rule Reporting Follow-up

- Staff are currently working to finalize a field procedure to assess old Water Control Structures (WCSs) for active management for water quality.
 - In December, DSWC, District and NRCS staff and Commissioner Potter tested a WCS assessment procedure in the field.
- DSWC staff will present a report at an upcoming Pamlico board meeting explaining why Pamlico's CY2020 nitrogen reduction from baseline was different from surrounding counties.
- More details at March SWCC meeting.



NCDA&CS Division of Soil and Water Conservation
Vernon Cox, Director
January 9, 2022



March Meeting

- Location???
- Work Session: March 15th (6:00 p.m.)
- Business Meeting: March 16th (9:00 a.m.)



NCDA&CS Division of Soil and Water Conservation
Vernon Cox, Director
January 9, 2021





Association Report to the Commission

January 9, 2022

Association 2022 Annual Meeting

We are excited to be at our in-person Annual meeting. There are several resolutions that will be considered during this meeting. In addition, we will be electing a Piedmont representative for the Commission and are truly thankful for the exceptional service Commissioner Collier has provided.

Leadership Development

We are hosting a kick-off for our leadership training here at this meeting. Please encourage anyone you may know who could benefit from this training to attend this kick-off or have them speak to Bryan Evans if they have questions.

Basic Training for Soil and Water Conservation Supervisors

Registration is slated to be out by mid-November. The dates are February 1 – Pitt County Ag Center, February 8 – Western Carolina Ag Center (Mountain State Fairgrounds) and February 22 – Chatham Agricultural Center.

2022 Leadership

This year we will welcome in our new President Chris Hughes (Watauga), 1st Vice President George Teague (Guilford) and 2nd Vice President Billy Kilpatrick (Duplin SWCD). We also welcome our area and committee and new officers.



Association Executive Director's

Report to the Commission

January 9, 2022

Areas Report

Areas are starting to prepare for the 2022 Spring meetings. This past year's accomplishments with funding will rely heavily on Districts being able to get the funds allocated and we are hopeful that additional support can be given through these meeting.

We will welcome in the new Area Chairs at the conclusion of this week's Annual Meeting. There is a breakout session planned tomorrow to get them oriented to 2022 priorities and responsibilities.

2022 NCASWCD Goals

This Annual meeting will set the direction and goals for the coming year. As resolutions move through the process, we will bring to you all the requests that may affect the Commission at the March meeting.

2022 Annual Meeting

Thank you for holding your January Commission meeting at this time. It truly enhances our meeting.

Natural Resources Conservation Service (NRCS)

North Carolina - The Update



National Update

USDA Service Center Appointments

USDA has developed a detailed, data-driven COVID workplace safety plan that prioritizes the health and safety of our staff and visitors.

USDA Service Centers are open to visitors by appointment only. Contact your local Service Center to make an appointment. Service Center staff also continue to work with agricultural producers via phone, email, and other digital tools.

State Update

Conservation Innovation Grants

USDA is awarding more than \$940,000 to innovative approaches and technologies to improve conservation in North Carolina under the Conservation Innovation Grants (CIG) program. Funded projects include the NC Foundation for Soil and Water Conservation, which was awarded \$520,777 for the Promoting Innovations in Animal Waste Management project, Phase II. The project will create a low-cost passive solar waste drying system to help farmers handle bulky wet manures and to facilitate manure transfers from areas with heavy nutrient buildup. The North Carolina State University was awarded \$421,491 for the On-Farm Water Capture and Reuse: Performance Demonstration, Economic Feasibility, and Design Tool Development project.

Emergency Watershed Protection Program (EWP)

The EWP continues to support the state's efforts to strengthen resilience to natural disasters such as hurricanes, tornadoes, and flooding. During Fiscal Year 2022, NC NRCS will be supporting 34+ EWP agreements (representing over 200 EWP sites) across several events: Hurricane Florence (on-going projects), Hurricanes Zeta/Eta, the Graham County Flood, and Tropical Storm Fred. The Conservation Partnership stepped up with federal, state, district, and association employees working to alleviate damage and get EWP going. For more information on EWP and EWP Sponsor Trainings, contact Jim Kjelgaard via email at jim.kjelgaard@usda.gov

Planning Certifications

Following the Professional Development Weeks held by NRCS North Carolina in October 2021, thirteen staff members went on to apply for and obtain certification. The number reflects 20% of the staff members who participated in the pilot program, which allowed them to spend up to 100% of their work time on training during the two week period.

FY 2022 Farm Bill Program Rollout Training

This training was provided to by NC NRCS Programs, Ecological Sciences, and Engineering leadership and discipline specialists on Dec 9. The training focused on contacting and administrative issues, ranking tool development, EQIP initiative explanation for Climate Smart and upcoming Conservation Incentive Contracts, and description and demonstration of FY 22 program delivery support tools like the EQIP Users Guide, CAP transition Fact Sheet, and program cost estimator.

Contacts:
State Conservationist—Timothy A. Beard
(Tel) 919.873.2100
State Public Affairs—Kathryn Fidler
(Tel) 202.236.4027
(Email) Kathryn.Fidler@usda.gov

**North Carolina
Natural
Resources
Conservation
Service**

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Wiklund, Helen

From: noreply@fs3.formsite.com on behalf of Formsite <noreply@fs3.formsite.com>
Sent: Friday, December 17, 2021 3:52 PM
To: Wiklund, Helen
Subject: [External] Nomination for Supervisor Appointment Result #12068892

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to Report Spam.

Reference #	12068892
Status	Complete
Login Username	Cherokee SWCD
Login Email	sheri.goodlet@cherokeecounty-nc.gov
Appointment or Reappointment	New Appointment
District:	Cherokee
Unexpired/Expired Term of Supervisor:	Chad Decker
Elected/Appointed	Appointed
Term of Office	December 2018 to November 2022
Name of Nominee:	Keaton Killian
Nominee Mailing Address:	PO Box 1396
City:	Murphy
State:	NC
Zipcode:	28906
Nominee Email Address:	keatonkillian@yahoo.com
Nominee Mobile or Home Phone:	828-557-0036
Age	26
Occupation:	Farmer
Education:	Associates Degree in Civil Engineering and Surveying
Positions of leadership NOW held by nominee:	Board member at NC Farm Bureau

If appointed, I am willing to attend Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment?	Yes
The program and purpose of the soil and water conservation district been explained to me?	Yes
I am willing to attend and participate in (check all that apply)?	Local District Meetings Area Meetings State Meetings
Typed/printed name:	Keaton Killian
Date:	12/14/2021
Printed certification signature page for nominee. Only necessary if signature box is not signed above.	Keaton Killian Signature.pdf (253 KB)
Typed/printed name:	Edgar A. Wood
Date:	12/14/2021
Printed certification signature page for board approval. Only necessary if signature box is not signed above.	Eddie Wood Signature.pdf (235 KB)
Resignation letter (only needed if vacancy is due to resignation).	Chads resignation 12-15-21.pdf (433 KB)
Is the nominee actively engaged in, or recently retired from, an agricultural operation?	Yes
Please explain the nominee's connection to agriculture:	Keaton is a farmer and has been raised on the family farm. Keaton raises cattle and hay.
Number of current District Supervisors actively engaged in, or recently retired from, an agricultural operation.	4
Will the appointment provide an opportunity to engage a segment of agriculture not currently being served?	Yes
Please describe how the nominee improves the ag diversity of the board:	Keaton will be able to work with farmers under the age of 35
Will the appointment bring new leadership skills to the board?	Yes

Please describe the new leadership skills the nominee brings to the board:	Youth & Vitality. Keaton is a go-getter. He is very active in the farming community
Will the appointment strengthen the political connection/influence of the district, especially at the county level?	Yes
Please describe the new advocacy skills the nominee brings to the board:	Keaton's Grandmother served with Congressman Charles Taylor for 16 years. She is still active at the County Election Office. Politics are in Keaton's blood
Will the appointment provide representation from a portion of the county not currently represented?	Yes
Describe how the appointment improves the geographic representation for the board:	Keaton farms in the Peachtree Community of Cherokee County. We currently do not have any supervisors residing in that area.
Will the appointment improve opportunities to work with non-traditional partners?	No
Will the appointment improve the make-up of the board from an agricultural/nonagricultural perspective?	Yes
Describe how the appointment improves the non-ag representation for the board:	Keaton is young and has recently attended college. He will be able to pass along his knowledge and technology that he learned to more seasoned farmers.
Will the appointment improve the diversity of the board?	Yes
Please describe how the appointment improves the diversity of the board:	Keaton is only 26 years old. His youth can be a great asset to the board. He knows younger producers, has new ideas, and will be able to serve the board for many years.
Has the nominee shown past involvement in an organization beyond the local level?	Yes
Describe how the nominee has been involved in an organization beyond the local level:	Keaton is on the board of Farm Bureau.
Will the appointment strengthen the District's opportunity to raise funds?	No
Will the appointment strengthen the District's education, marketing, and outreach efforts?	Yes
How will the appointment strengthen the District's education, marketing, and outreach efforts?	Keaton is willing to volunteer his farm for Educational outreach programs. He has a sister in law who is a teacher at one of our elementary schools in the county.

Does the District wish to provide other justification in support of the nomination? If so, enter here:

None needed. Please see Keaton's qualification listed above. We feel very strongly that Keaton will serve the board for Cherokee County SWCD for many years with a great willingness and compassion for our producers.

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To Whom it May Concern,

Please accept this letter as notice of resignation from my position on the Cherokee County Soil and Water Conservation District Board effective December 15, 2021.

Thank you for the opportunity to serve in this capacity. I wish the current and future board members all the best. Please feel free to contact me with any questions.

Sincerely,
Chad Decker

Chad Decker
12-15-21

Wiklund, Helen

From: noreply@fs3.formsite.com on behalf of Formsite <noreply@fs3.formsite.com>
Sent: Sunday, December 19, 2021 2:00 PM
To: Wiklund, Helen
Subject: [External] Nomination for Supervisor Appointment Result #12085633

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to Report Spam.

Reference #	12085633
Status	Complete
Login Username	escrawley1
Login Email	ecrawley@lincolncounty.org
Appointment or Reappointment	New Appointment
District:	Lincoln
Unexpired/Expired Term of Supervisor:	Roy Hoyle
Elected/Appointed	Appointed
Term of Office	December 2020 to November 2024
Name of Nominee:	Patty Dellinger
Nominee Mailing Address:	PO BOX 88
City:	Crouse
State:	NC
Zipcode:	28033
Nominee Email Address:	phdellinger65@gmail.com
Nominee Mobile or Home Phone:	(980) 429-5906
Age	56
Occupation:	Retired- Former Director of Lincoln County Soil and Water Conservation District
Education:	High School Deploma and College Classes almost to Associates Degree
Positions of leadership NOW held by nominee:	Church Council Secretary, and Financial Secretary for the Church

Former Occupations or Positions of Leadership Contributing to Nominee's qualifications:

Director of Lincoln County Soil and Water Conservation District

Other pertinent information:

Master 4 EE Certified

If appointed, I am willing to attend Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment?

Yes

The program and purpose of the soil and water conservation district been explained to me?

Yes

I am willing to attend and participate in (check all that apply)?

Local District Meetings
Area Meetings
State Meetings

Nominee Signature:



Typed/printed name:

Patty Dellinger

Date:

12/17/2021

District Board Chair Signature (or Vice Chair if Chair is being nominated):



Typed/printed name:

Tommy Houser

Date:

12/17/2021

Resignation letter (only needed if vacancy is due to resignation).

[Roy Hoyle Resignation Letter signed.pdf \(231 KB\)](#)

Is the nominee actively engaged in, or recently retired from, an agricultural operation?

Yes

Please explain the nominee's connection to agriculture:

Past Director of Lincoln County Soil and Water Conservation District. She served over 33 years as an employee working in or alongside every position from office assistant, education coordinator, technical assistant as needed, and finally Director of Soil and Water. Also, she has helped build and oversee our Erosion and Sediment Control Division which makes our office unique from others in the State.

Number of current District Supervisors actively engaged in, or recently retired from, an agricultural operation.

4

Will the appointment provide an opportunity to engage a segment of agriculture not currently being served?

Yes

Please describe how the nominee improves the ag diversity of the board:

Patty will help us engage more on the education of soil and water not while also helping us to engage new farmers that may not know what our office does and what we are truly about. She brings a large knowledge base to the office with ideas on how to work with all different types of farmers large and small to meet their conservation objectives.

Will the appointment bring new leadership skills to the board?

Yes

Please describe the new leadership skills the nominee brings to the board:

Past Director of Soil and Water and in charge of all employees and Boards that accompanied the role. She has overseen our Erosion and Sediment Control Division and board, our Voluntary Agriculture Board, our Ag. Board. Patty has also successfully lead herself and five employees to meet all conservation goals and objectives that the County and State require.

Will the appointment strengthen the political connection/influence of the district, especially at the county level?

Yes

Please describe the new advocacy skills the nominee brings to the board:

Patty is prominent in many circle across the State that affect Agriculture. Also, she has a very close connection to the current Local and Sate officials who make Soil and Water rules and guidelines. Lastly, she is closely connected to our county commissioners because the great work that she has done and the bubbly personality that she has.

Will the appointment provide representation from a portion of the county not currently represented?

Yes

Describe how the appointment improves the geographic representation for the board:

She will have more of a citizens outlook on farming and agriculture with the added advantage of working for a District. Even though Patty doesn't actually farm, she understand most aspects of farming and the importance of keeping our land in agriculture as long as possible. She views farming as something that's needed in our County and State while also seeing how sprawl is slowly removing agriculture heavily in our county.

Will the appointment improve opportunities to work with non-traditional partners?

Yes

Please describe how the appointment improves partnership opportunities for the district:

She will have new ideas on how to include our new and beginning farmers and the under served communities. Patty is very good at understanding those needs and trying to include them or have outreach to them so that we can pull those non-traditional partners on board to our conservation goals.

Will the appointment improve the make-up of the board from an agricultural/nonagricultural perspective?	Yes
Describe how the appointment improves the non-ag representation for the board:	Her appointment will cause our District to move forward by leaps and bounds. She will have the knowledge and skills to jump right in and help as needed without training. She will be a huge asset to our meetings and outreach because she understands how a District is supposed to work.
Will the appointment improve the diversity of the board?	Yes
Please describe how the appointment improves the diversity of the board:	It will add a female voice to the District. In the past, we've had two female board members who have done a fantastic job leading the board and District and we feel that Patty will also be a huge asset as well. Not only will she have the knowledge base, but she will also have a different perspective than the men on our board.
Has the nominee shown past involvement in an organization beyond the local level?	Yes
Describe how the nominee has been involved in an organization beyond the local level:	Patty worked for multiple State boards as well as worked with our Federal counterparts for many years. She has been given multiple awards from State Soil and Water organizations and educational groups for her continued work in conservation.
Will the appointment strengthen the District's opportunity to raise funds?	Yes
Please describe how the appointment strengthens the District's opportunity to raise funds?	She was the one to help us keep our tree seedling sales up, all of our materials sales on track, and started all other activities that boosted the Districts fund raising abilities. Patty has had many unique ideas to boost our fund raising abilities while also selling our conservation message and mission for the past 33 years.
Will the appointment strengthen the District's education, marketing, and outreach efforts?	Yes
How will the appointment strengthen the District's education, marketing, and outreach efforts?	She will have first hand knowledge of all that information because she developed the current efforts that our District is currently using. Patty has work for years to make us one of the biggest and busiest Districts in the state.
Does the District wish to provide other justification in support of the nomination? If so, enter here:	If there was ever a nominee who deserved a position on our board, it would be Patty Dellinger. She has always gone above and beyond since starting her career with Lincoln County Soil and Water and still advocates for our office, staff, and boards even though she is retired. It was a very easy and quick decision for our Board to approve her nomination because they understand as well as our staff that she is the best fit for the job.

Last Update	2021-12-19 14:00:18
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Device	Desktop
Referrer	https://fs3.formsite.com/ncdswc/sqs3d5m4ej/form_login.html

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Lincoln County Soil and
Water Conservation
District
115 W. Main Street,
Lincolnton, NC 28092

Roy Hoyle

Lincoln County SWCD Board
Secretary/Treasurer
2759 NC 182 Hwy
Lincolnton, NC 28092

Resignation Letter

It is with great regret that I, Roy Hoyle, hereby resign my appointed position on the Lincoln County Soil and Water Conservation District Board on December 12th, 2021 due to health concerns.

I am grateful for the opportunity to have served on this board as the Secretary/Treasurer since December of 2006. Furthermore, this does not mean that my opportunity to assist and lead is over and will continue to serve as an Associate Member as long as my health permits it.

Sincerely,

A handwritten signature in cursive script that reads "Roy M. Hoyle".

Roy Hoyle

Secretary/Treasurer

Lincoln County Soil and Water Conservation District



Wiklund, Helen

From: noreply@fs3.formsite.com on behalf of Formsite <noreply@fs3.formsite.com>
Sent: Tuesday, December 14, 2021 3:44 PM
To: Wiklund, Helen
Subject: [External] Nomination for Supervisor Appointment Result #12075971

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to [Report Spam](#).

Reference #	12075971
Status	Complete
Login Username	jtross5585
Login Email	tross@madisoncountync.gov
Appointment or Reappointment	New Appointment
District:	Madison
Unexpired/Expired Term of Supervisor:	Donna Jones
Name of Nominee:	Harold Hunter
Nominee Mailing Address:	484 Bluff Mountain
City:	Hot Springs
State:	NC
Zipcode:	28743
Nominee Mobile or Home Phone:	(828)206-0900
Age	68
Occupation:	Retired USMC, Farmer
Education:	Madison High School, College classes through the Marine Corps (Associates Degree)
Positions of leadership NOW held by nominee:	FSA County Committee
Former Occupations or Positions of Leadership Contributing to Nominee's qualifications:	Board Member Madison County Soil and Water Conservation District (2004-2020)

Other pertinent information: Served as supervisor for 16 years and then lost in general election. Was asked by Donna Jones to fulfill her term through 2024.

If appointed, I am willing to attend Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment? Attended previously (enter years of attendance below) (2018 at Buncombes office)

The program and purpose of the soil and water conservation district been explained to me? Yes

I am willing to attend and participate in (check all that apply)? Local District Meetings
Area Meetings
State Meetings

Nominee Signature:



Typed/printed name: Harold L. Hunter

Date: 12/13/2021

District Board Chair Signature (or Vice Chair if Chair is being nominated):



Typed/printed name: Clyde Hagan

Date: 12/14/2021

Is the nominee actively engaged in, or recently retired from, an agricultural operation? Yes

Please explain the nominee's connection to agriculture: Farmed tobacco and tomatoes in Spring Creek community entire life except when he was overseas on orders from USMC. When Harold retired from the Marines, he farmed tob. beef and tomatoes again.

Number of current District Supervisors actively engaged in, or recently retired from, an agricultural operation. 3

Will the appointment provide an opportunity to engage a segment of agriculture not currently being served? No

Will the appointment bring new leadership skills to the board? Yes

Please describe the new leadership skills the nominee brings to the board: Retired from Marines as a Gunnery Sergeant E-7.

Will the appointment strengthen the political connection/influence of the district, especially at the county level? Yes

Please describe the new advocacy skills the nominee brings to the board: Very involved with agriculture in Spring Creek community and other areas in the county. Also work with many folks across the county on bi partisan issues.

Will the appointment provide representation from a portion of the county not currently represented? Yes

Describe how the appointment improves the geographic representation for the board: Harold will represent the Western portion of the county

Will the appointment improve opportunities to work with non-traditional partners? Yes

Please describe how the appointment improves partnership opportunities for the district: Harold and his son maintain approximately 300 acres in timber and work with neighbors on managing timber in Spring Creek.

Will the appointment improve the make-up of the board from an agricultural/nonagricultural perspective?	No
Will the appointment improve the diversity of the board?	No
Has the nominee shown past involvement in an organization beyond the local level?	Yes
Describe how the nominee has been involved in an organization beyond the local level:	FSA County Committee, Mountain Valleys RC&D Board, Farmland Preservation Board of Madison County
Will the appointment strengthen the District's opportunity to raise funds?	Yes
Please describe how the appointment strengthens the District's opportunity to raise funds?	Harold has oversaw multi million dollar budgets while in the marines. Helped identify need for funds and how to work with other partners to address resource concerns.
Will the appointment strengthen the District's education, marketing, and outreach efforts?	Yes
How will the appointment strengthen the District's education, marketing, and outreach efforts?	Will help the District implement education and marketing efforts by communicating with neighbors and networking within the county.
Does the District wish to provide other justification in support of the nomination? If so, enter here:	Harold has served as a fantastic board member since I (Tyler) started in Madison. He is very great to work with and is an invaluable member of the District. His understanding of the past working of agriculture and current issues helps us in program delivery as well as looking to what other tools we need to help address resource concerns.
Last Update	2021-12-14 15:43:42
Start Time	2021-12-14 15:42:08
Finish Time	2021-12-14 15:43:42
IP	24.178.173.67

Browser Chrome

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Madison County Soil and Water Conservation District
4388 US 25/70 Hwy • Marshall, North Carolina 28753 • (828) 649-9099

To Whom it may concern,

I am stepping down as a supervisor for Madison County Soil and Water Conservation District. The board has voted for Harold Hunter to fill the role for the remainder of my appointment.

Thank you for your time,
Donna Jones
Donna Jones

From: noreply@fs3.formsite.com on behalf of [Formsite](#)
To: [Wiklund, Helen](#)
Subject: [External] Nomination for Supervisor Appointment Result #12070868
Date: Friday, December 10, 2021 9:51:30 AM

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Reference #	12070868
Status	Complete
Login Username	jgmcauley
Login Email	jackie.mcauley@richmondnc.com
Appointment or Reappointment	New Appointment
District:	Richmond
Unexpired/Expired Term of Supervisor:	Comninaki
Name of Nominee:	Ryan Carriker
Nominee Mailing Address:	315 Derby Road
City:	Hoffman
State:	NC
Zipcode:	28349
Nominee Email Address:	rcarriker3@gmail.com
Nominee Mobile or Home Phone:	980-297-2168
Age	46
Occupation:	retired general contractor
Education:	NC General Contractor, NC Real Estate Broker, Certified welder
Positions of leadership NOW held by nominee:	President of Knockouts Fastpitch Organization
Former Occupations or Positions of Leadership Contributing to Nominee's qualifications:	Owner of QMR Contracting, Store manager for Lowes & Home Depot

Other pertinent information:	5th generation Farmer in Richmond County
If appointed, I am willing to attend Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment?	Yes
The program and purpose of the soil and water conservation district been explained to me?	Yes
I am willing to attend and participate in (check all that apply)?	<ul style="list-style-type: none"> • Local District Meetings • Area Meetings • State Meetings
Is the nominee actively engaged in, or recently retired from, an agricultural operation?	Yes
Please explain the nominee's connection to agriculture:	actively engaged in farming
Number of current District Supervisors actively engaged in, or recently retired from, an agricultural operation.	4
Will the appointment provide an opportunity to engage a segment of agriculture not currently being served?	Yes
Please describe how the nominee improves the ag diversity of the board:	will be able to draw from the North East part of county to represent some forgotten agriculture
Will the appointment bring new leadership skills to the board?	Yes
Please describe the new leadership skills the nominee brings to the board:	His experience in agriculture, business, and educating the youth.

Will the appointment strengthen the political connection/influence of the district, especially at the county level?	No
Will the appointment provide representation from a portion of the county not currently represented?	Yes
Describe how the appointment improves the geographic representation for the board:	the North East section of Richmond County
Will the appointment improve opportunities to work with non-traditional partners?	Yes
Please describe how the appointment improves partnership opportunities for the district:	Connections with Real estate, general contracting, blue collar workers, and community sports
Will the appointment improve the make-up of the board from an agricultural/nonagricultural perspective?	Yes
Describe how the appointment improves the non-ag representation for the board:	Retired business / contractor / farmer / community
Will the appointment improve the diversity of the board?	Yes
Please describe how the appointment improves the diversity of the board:	diversity in community, work experience, and age
Has the nominee shown past involvement in an organization beyond the local level?	Yes
Describe how the nominee has been involved in an	Experience with Youth and Adults through sports

organization beyond the local level:

Will the appointment strengthen the District's opportunity to raise funds?	No
Will the appointment strengthen the District's education, marketing, and outreach efforts?	Yes
How will the appointment strengthen the District's education, marketing, and outreach efforts?	Experience in the fields
Does the District wish to provide other justification in support of the nomination? If so, enter here:	Candidate has interest in SWCD, experience in many fields, love of conservation, vested interest in agriculture....he approached Richmond Board to find out what we do and accomplish. Good fit for Board.
Last Update	2021-12-10 09:51:25
Start Time	2021-12-10 09:03:00
Finish Time	2021-12-10 09:51:25
IP	152.28.194.162
Browser	IE
Device	Desktop
Referrer	https://fs3.formsite.com/ncdswc/sqs3d5m4ej/form_login.html

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Wiklund, Helen

Subject: Fwd: Cominanki Resignation

From: Jeff Joyner <jjoyner7@carolina.rr.com>
Date: January 9, 2022 at 9:06:02 PM EST
To: "Williams, David" <david.b.williams@ncagr.gov>
Subject: Fwd: Resignation

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Here you go

Jeff Joyner

Begin forwarded message:

From: William Comninaki <comnwy@gmail.com>
Date: November 15, 2021 at 11:26:32 AM EST
To: Jackie Mcauley <jackie.mcauley@richmondnc.com>
Cc: jjoyner7@carolina.rr.com, jim27306@gmail.com, Deese Elizabeth <elizabeth.deese@tyson.com>
Subject: Resignation

I want to say that my time with you has been pleasant and fruitful; however, my eye sight has gotten so that I can't see well enough to drive off of the farm. I've had laser surgery on both eyes in the past month to no avail. Being as I was mostly deaf to begin with coupled with being mostly blind leaves me with no alternative but to resign. I would like to recommend my neighbor, Ryan Carricker, for consideration to fill my seat on the board. You may remember him from when he attended a meeting with me . Once again it has been a pleasure serving with you and I wish you and the board well.

Sent from my iPhone

Wiklund, Helen

From: noreply@fs3.formsite.com on behalf of Formsite <noreply@fs3.formsite.com>
Sent: Friday, December 17, 2021 8:44 AM
To: Wiklund, Helen
Subject: [External] Nomination for Supervisor Appointment Result #12069933

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Reference #	12069933
Status	Complete
Login Username	sftblnc
Login Email	Teresa.Furr@wakegov.com
Appointment or Reappointment	New Appointment
District:	Wake
Unexpired/Expired Term of Supervisor:	Nervahna Crew
Name of Nominee:	Robin Hammond
Nominee Mailing Address:	416 Latimer Road
City:	Raleigh
State:	NC
Zipcode:	27609
Nominee Email Address:	robinmhammond@gmail.com
Nominee Mobile or Home Phone:	919-334-8422
Nominee Business Phone:	919-334-8422
Age	65
Occupation:	Retired
Education:	BA Political Science Magna Cum Laude - Minor in French - East Carolina -1979 JD UNC School of Law -1983
Positions of leadership NOW held by nominee:	Associate Supervisor and Advisor to Friends of Wake Soil and Water

Former Occupations or Positions of Leadership Contributing to Nominee's qualifications:	Attorney with NC Division of Soil and Water Conservation and NC Clean Water Management Trust Fund
Other pertinent information:	Associate Board member for 10 years, Certificates from UNC School of Government in Municipal Administration and Soil and Water Supervisor Training
If appointed, I am willing to attend Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment?	Yes Attended previously (enter years of attendance below) (2001)
The program and purpose of the soil and water conservation district been explained to me?	Yes
I am willing to attend and participate in (check all that apply)?	Local District Meetings Area Meetings State Meetings
Printed certification signature page for nominee. Only necessary if signature box is not signed above.	Hammond Nomination Appointment Supervisor Form.pdf (987 KB)
Printed certification signature page for board approval. Only necessary if signature box is not signed above.	Hammond Nomination Appointment Supervisor Form.pdf (987 KB)
Is the nominee actively engaged in, or recently retired from, an agricultural operation?	No
Number of current District Supervisors actively engaged in, or recently retired from, an agricultural operation.	2
Will the appointment provide an opportunity to engage a segment of agriculture not currently being served?	Yes
Please describe how the nominee improves the ag diversity of the board:	The nomination of Robin Hammond will engage more of the urban agriculture sector of Wake County.
Will the appointment bring new leadership skills to the board?	Yes

Please describe the new leadership skills the nominee brings to the board:

Robin Hammond brings many years of leadership experience as an attorney in conservation work in both the public and private sector.

Will the appointment strengthen the political connection/influence of the district, especially at the county level?

Yes

Please describe the new advocacy skills the nominee brings to the board:

Robin's appointment will strengthen the political connection of the district to the Wake County Board of Commissioners.

Will the appointment provide representation from a portion of the county not currently represented?

Yes

Describe how the appointment improves the geographic representation for the board:

Robin's appointment to the Board will provide representation from the urban agriculture sector that is currently not being represented.

Will the appointment improve opportunities to work with non-traditional partners?

No

Will the appointment improve the make-up of the board from an agricultural/nonagricultural perspective?

No

Will the appointment improve the diversity of the board?

Yes

Please describe how the appointment improves the diversity of the board:

By appointing a woman to the Board this will improve the diversity of a mostly male dominated board.

Has the nominee shown past involvement in an organization beyond the local level?

Yes

Describe how the nominee has been involved in an organization beyond the local level:

Robin has previously served as an appointed soil and water supervisor on the Board and also has been serving as an associate board member.

Will the appointment strengthen the District's opportunity to raise funds?

Yes

Please describe how the appointment strengthens the

Robin was the creator and founder of the 501 (c)(3) Friends of District. Which is a group that raises funds to support the work of the Wake Soil and Water

District's opportunity to raise funds?	Conservation District. Robin has years of experience with marketing and helping the Board raise money for specific programs.
Will the appointment strengthen the District's education, marketing, and outreach efforts?	No
Last Update	2021-12-17 08:43:32
Start Time	2021-12-17 08:25:16
Finish Time	2021-12-17 08:43:32
IP	198.85.228.129
Browser	IE
Device	Desktop
Referrer	https://fs3.formsite.com/res/formLoginReturn

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October 14, 2021

Attn: Teresa Furr and Board of County Commissioners

Subject: Letter of Resignation

It is with deep regret and sorrow that I must resign effective immediately from the Wake Soil and Water Conservation Board of District Supervisors. It was a joy and honor to represent this great county protecting the environment, farmers, and landowners. I have been offered and accepted a position with aa organization that is providing a great opportunity for my career growth. As a result, I am not permitted to hold an Elected Office as it would be an ethical violation.

I know that the Board of County Commissioners now must decide who will fill my vacancy and continue the term ending in December 2022. I submit to you that the board make up is currently 1 white woman and 3 white men, which is not representative of our county. I humbly ask that a person of color or a woman (preferably an associate board member) be provided the first opportunity to fill this seat. Again, diversity is something that must be considered as we move forward in Wake County.

As an aside, our board meeting held on 10/13/21 was the turning point for me as there is one newly elected board member pushing yet again to return to in-person meetings, although he has never attended an in-person meeting. I do not agree with his agenda, as it appears this board member is now seeking higher office and has been attending multiple events that are not socially distanced, indoors and without mask by attendees. I would not want to risk my personal health or safety to satisfy his need to meet in person for his political gain. It's negligent to not have done the research on our meeting space prior to his motion, while almost being totally disrespectful to the staff and Director Furr for adhering to the current Wake County policies.

This letter wasn't easy for me to write; however, it has been a pleasure serving all of Wake County since 2018. Although I will no longer be an Elected Official, I will continue to support the Wake County Soil and Water District.

Respectfully yours,

Nervahna Crew

**NC Cost Share Programs Supervisor Contracts
Soil and Water Conservation Commission**

County	Contract Number	Supervisor Name	BMP	Contract Amount	Comments
Brunswick	10-2022-001	Samuel C. Smith	Cover Crops and Residue and Tillage Management	\$ 24,155	
Hertford	46-2022-004	Samuel B. Howell	Grade Stabilization Structure	\$ 16,418	
Randolph	76-2022-801	Bill Alson	Water Supply Well - Irrigation	\$ 6,670	Contract is for his daughter.

Total Number of Supervisor Contracts: 3

Total \$47,243

NCDA&CS
DSWC

NC -CSPs-1B
(11/2012)

**ADDENDUM TO APPLICATION FOR ASSISTANCE
NORTH CAROLINA COMMISSION COST SHARE PROGRAMS**

As a Soil and Water District Supervisor, for the Brunswick Soil and Water Conservation District, I have applied for, or stand to benefit* from, a contract under a commission cost share program. I did not vote on the approval or denial of the application or attempt to influence the outcome of any action on the application. The proposed contract is for the installation of the following best management practices.

Program: ACSP

Best management practice: Cover Crop & Residue Tillage Mgmt

Contract number: 10-2022-001 Contract amount: \$ 24155

Score on priority ranking sheet: 331.6

Cost Share Rate: 75% If different than 75%, please list % percent: _____

Reason: _____

Relative rank (e.g., ranked 8th out of 12 projects considered): 2 out of 2

Were any higher or equally ranked contracts denied? Yes No

If yes, give an explanation as to why the supervisor's contract was approved over the other contracts:

Supervisor name: Samuel C. Smith

Samuel C. Smith
(District Supervisor's signature)

9-14-21
Date

Approved by:

Robert Gene Wood
(District Chairperson's signature)

10-19-2021
Date

The Soil & Water Commission has approved the subject application for a contract.

(SWCC Chairperson's signature)
(Pursuant G.S. 139-8(b)(2))

Date

*Beneficiaries include but are not limited to applicant, landowner, and/or business partners.

Re: Contract 10-2022-001

The Brunswick Soil and Water Conservation District has been notified that there may be concern regarding contract 10-2022-001 for Residue and Tillage Management and Cover Crops with Supervisor Sam Smith to the Amount of \$24,155.

The district would like to state that before the BMP revisions introduced this year, Brunswick County has *never* contracted with a producer for cover crops since the start of the Agricultural Cost Share Program (ACSP). This is not without great effort toward education and outreach to our producers. Having said this, we would like to thank the commission for updating these BMP policies. Historically, the Long-Term No-Till incentive has been the District's predominant BMP contracted. Being contracted no less than 1 contract per fiscal year. We believe that with these revisions, the District will be able to implement conservation on a larger scale throughout the county while improving water quality over increased acreage.

The district understands that a transitional period will accompany these new revisions. One that may include policy revisions, updates, and educational opportunities at the District level. We are aware that the scale of this contract takes up a large percentage of the Districts funding. As mentioned above, historically the District has not experienced interest for cover crops, opting to participate in the NRCS program as it pays more. The district communicates with its Agricultural producers extensively through our close relationships and marketing through newspaper and social media. With this contract the District will be implementing field days with Mr. Smith to showcase these changes and increase interest with his fellow agricultural producers.

We at the district can assure the Commission that Mr. Smith's contract has not been made for any personal interest or gains. In order to ensure that applicants would be able to utilize these revised BMPs during the current fiscal year (FY), applications and contracts for cover crops and residue tillage management were required to be reviewed and approved prior to planting in the fall of 21'. Any applications made during FY 21-22 that are unable to be funded will receive priority the following fiscal year.

Sincerely,

Brunswick Soil and Water Conservation District

NCDA&CS
DSWC

NC -CSPs-1B
(11/2012)

ADDENDUM TO APPLICATION FOR ASSISTANCE NORTH CAROLINA COMMISSION COST SHARE PROGRAMS

As a Soil and Water District Supervisor, for the Hertford Soil and Water Conservation District, I have applied for, or stand to benefit* from, a contract under a commission cost share program. I did not vote on the approval or denial of the application or attempt to influence the outcome of any action on the application. The proposed contract is for the installation of the following best management practices.

Program: NCACSP

Best management practice: Grade Stabilization Structure

Contract number: 46-2022-004 Contract amount: \$ 16,418

Score on priority ranking sheet: 90

Cost Share Rate: 75% If different than 75%, please list % percent: _____
Reason: _____

Relative rank (e.g., ranked 8th out of 12 projects considered): 4th out of 6

Were any higher or equally ranked contracts denied? Yes No

If yes, give an explanation as to why the supervisor's contract was approved over the other contracts:

Supervisor name: Samuel B. Howell

Samuel B. Howell

(District Supervisor's signature)

12/14/21

Date

Approved by:

John D. Smith III

(District Chairperson's signature)

12-14-21

Date

The Soil & Water Commission has approved the subject application for a contract.

(SWCC Chairperson's signature)
(Pursuant G.S. 139-8(b)(2))

Date

*Beneficiaries include but are not limited to applicant, landowner, and/or business partners.

**ADDENDUM TO APPLICATION FOR ASSISTANCE
NORTH CAROLINA COMMISSION COST SHARE PROGRAMS**

As a Soil and Water District Supervisor, for the Randolph Soil and Water Conservation District, I have applied for, or stand to benefit* from, a contract under a commission cost share program. I did not vote on the approval or denial of the application or attempt to influence the outcome of any action on the application. The proposed contract is for the installation of the following best management practices.

Program: AgWRAP

Best management practice: Water Supply Well- Irrigation

Contract number: 76-2022-801 Contract amount: \$ 6,670

Score on priority ranking sheet: 95

Cost Share Rate: 50% If different than 75%, please list % percent: _____

Reason: Randolph SWCD AgWRAP policy

Relative rank (e.g., ranked 8th out of 12 projects considered): 1 of 1

Were any higher or equally ranked contracts denied? Yes No

If yes, give an explanation as to why the supervisor's contract was approved over the other contracts:

Supervisor name: Bill Alston

William E. Alston
(District Supervisor's signature)

12/16/21
Date

Approved by:

[Signature]
(District Chairperson's signature)

12-16-2021
Date

The Soil & Water Commission has approved the subject application for a contract.

(SWCC Chairperson's signature)
(Pursuant G.S. 139-8(b)(2))

Date

*Beneficiaries include but are not limited to applicant, landowner, and/or business partners.



Technical Specialist Designation Recommendations

January 9, 2022

1. The Soil and Water Conservation Commission has authority to designate water quality technical specialists based upon specific criteria and procedures (02 NCAC 59G). This authority extends to individuals who have been assigned approval authority by USDA NRCS, professional engineers subject to the “The NC Engineering and Land Surveying Act”, or individuals that have completed the training requirements and demonstrated proficiency in a technical specialist category. Individuals must submit an application with evidence of expertise, skills and training required for each designation category.

Mrs. Jessica Thompson, Lenoir County SWCD Director, has requested to be designated technical specialist for the Waste Utilization Planning/ Nutrient Management (WUP/NM) category. She has successfully completed the required training and technical proficiency has been verified by DSWC staff. Therefore, I recommend this designation for approval.

<p align="center">JAA APPLICANTS FOR CONSIDERATION January 9, 2022 NC SWCC MEETING</p>				
APPLICANT NAME	EMPLOYER	TYPE OF JAA REQUESTED	APPLICATION DATE	JAA RECOMMENDED FOR APPROVAL
Ryan Faulk	Lee SWCD	Comparable NRCS JAA	11/4/2021	<ol style="list-style-type: none"> 1. 412-Grassed Waterway 2. 412-GS-CC-Grassed Swale 3. 561-Heavy Use Area Protection 4. 561-ASAA-All-Season Agricultural Access 5. 614. Trough or Tank/ Watering Facilities 6. 642- Water Supply Well 7. 642-SPW-Stream Protection Well
Emily Bateman	Durham SWCD	Comparable NRCS JAA	12/14/2021	<ol style="list-style-type: none"> 1. 328- Sod-base Rotation 2. 329-CST- 3-yr. Conservation Tillage 3. 329- Long Term No-till 4. 340- Cover Crop 5. 340-CRM- Crop Residue Management 6. 340-NSCC- Nutrient Scavenger Cover Crop

PRACTICE DESCRIPTION				JOB CLASSES				
CODE	PRACTICE	CONTROLLING FACTOR	UNITS	JOB CLASS I	JOB CLASS II	JOB CLASS III	JOB CLASS IV	JOB CLASS V
316	Livestock Mortality Management System	Animal Mortality	LBS. per Day	Freezer/ Refridgeration Unit	Incinerator			
TECHNICAL COMPETENCY REQUIREMENTS								
Prerequisites				Practice Knowledge, Skill and Abilities (KSAs)				
1. Employee must fulfill ALL the Technical Competency Requirements listed for this practice, and submit the specified number of plans for review for to receive JAA. 2. Working knowledge of SWCC JAA Policy and Procedures, applicable conservation practice standard, and BMP policies. 3. Capability to complete "The NRCS-CPA-52 Environmental Evaluation Worksheet" or comparable site assessment form. 4. Working knowledge of Web Soil Survey, Suitabilities and Limitations Ratings. 5. Capability to perform layout and construction checking following applicable procedures and Notekeeping format contained in Technical Release 62. 6. Knowledge of the NC GS 106-403 "Disposition of dead domesticated animals". Administrative code 02 NCAC 52C .0102 "Disposal of Dead Animals"				1. Ability to assess soil suitability. 2. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06). 3. Development of as-built or "red-line" drawings (NEM Part 512, Construction, Subpart F – As-builts, 512.50 through 512.52). 4. Ability to follow Practice standard criteria, related computations and analyses to develop plans and specifications for incinerators,including but not limited to type and number of livestock. 5. Knowledge of N.C. permitting requirements for Mortality Management. 6. Ability to Certify the installation meets applicable standards and specifications and is in compliance with permits (NEM Part 505 – Non-NRCS Engineering Services, Subpart A - Introduction, 505.3 7. Ability to calculate normal maximum mortality of an operation.				
INVENTORY & EVALUATION (I&E)			DESIGN (D)			CONSTRUCTION & CERTIFICATION (C&C)		
1. Independently complete a minimum of two I&E packets on separate Planning Land Units (PLU) to identify and document resource concerns using the latest NRCS-CPA-52 Form (or equivalent) and GIS mapping tools (i.e. ArcMap, Toolkit, or Conservation Desktop) to develop Conservation Plan Maps. 2. Use the latest NRCS-CPA-52 (Sections A thru P) or comparable site assessment form to independently recommend and document resource alternatives/alternative action(s) needed to meet the client's objective and achieve the intended purpose to mitigate associated resource concerns for two different Planning Land Units (PLU). 3. Complete the appropriate "CONSERVATION PLANNING CRITERIA, RESOURCE CONCERNS & SPECIAL ENVIRONMENTAL CONCERNS CHECKLIST (see EFOTG, Section II) or comparable form, and ALL applicable resource assessments tools, such as erosion prediction tools, calculations, surveys, and soils investigations necessary to document existing resource conditions, resource concerns, and short-term/long term effects of proposed alternatives.			1. Independently complete a minimum of two designs/specifications for the desired practice on separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP standard and policies. 2. Independently fulfill/complete the "Design" deliverables in accordance with the most recent eFOTG practice Statement of Work (SOW), including O&M guidance, and any applicable Job Sheet(s), Implementation Requirements, or comparable SWCC practice specification sheet(s). 3. Completion of the latest NRCS-CPA-52 Worksheet, Sections A through P or comparable site assessment form.			1. Independently complete a minimum of two construction/certification "check-outs" for the desired practice on separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP policy and NRCS 316 standard. 2. Independently fullfull/complete the "Installation" & "Check Out" deliverables in accordance with the most recent eFOTG practice State of Work (SOW) or comparable SWCC forms(s). 3. Independently compile, record, and complete practice certification activities using the latest NC-CPA-09 Form ("Conservation Practice Certification Form") or Comparable form.		



Technical Specialist Training Audit

January 9, 2022

Per rules (02 NCAC 59G .0104) adopted by the commission on November 18, 2018, technical specialists must complete at least six hours of continuing training every three years. This requirement was implemented January 1, 2019. Continuing training policies include:

- Technical Specialists may obtain all six (6) training hours in a single calendar year.
- Training hours in excess of six (6) hours may not be carried over to the subsequent three-year period.
- Technical Specialists failing to meet training requirements will be presented to the SWCC at their January meeting for notice of rescinding designation(s).
- Division staff will conduct a random audit of 10% of all Technical Specialists submitting training credits each year. Technical Specialists subjected to an audit will be requested to furnish proof of attendance for training courses claimed for credit.
- Division will issue an electronic certificate to Technical Specialists with name, registration number, designation(s), and three-year deadline date. Re-issue certificate at the end of the three-year period with successful completion of the training requirement.

Two hundred fifty-five courses were submitted to the division by one hundred eleven technical specialists seeking education credit in 2021. Ten percent (55 courses submitted by 11 individuals) of these were selected at random and subjected to a review. The review included evaluation of course content, number of eligible hours of training requested, and proof of attendance.

The result is all technical specialists subjected to the audit meet all criteria for course approval.

Submitted by: Michael Shepherd
Environmental Senior Specialist
Division of Soil and Water Conservation

Technical Specialist Training Requirement Fulfillment

January 9, 2022



- Per rules governing the Approval of Water Quality Technical Specialist **02 NCAC 59G .0104**: Readopted Eff. November 1, 2017.
 - (i) Technical Specialist Shall complete six hours of training approved by the Commission during each three-year period following initial designation or each three-year period following the effective date of this Rule.
 - (j) In addition, technical specialist designation shall be rescinded by the Commission for failure to complete the approved additional training by the end of each three-year period.



The SWCC adopted the following policies for implementation of the Technical Specialist training requirement at its November 14, 2018 meeting.

- While there are seven (7) Technical Specialist designation categories, approved training courses will not be categorized by designation. The Technical Specialist will determine the suitability of training for their respective designation(s).
- Technical Specialist may obtain all six (6) training hours in a single calendar year.
- Training hours in excess of six (6) hours may not be carried over to the subsequent three- year period.



- The three-year period for current Technical Specialist will begin January 1, 2019.
- The three-year period for newly designated Technical Specialist by the SWCC will begin the following January 1.
- Technical Specialist failing to meet training requirements will be presented to the SWCC at their January meeting for notice of rescinding designation(s).
- Division staff will conduct a random audit of 10% of all Technical Specialist submitting training credits each year. Technical Specialist subject to an audit will be requested to furnish proof of attendance for training courses claimed for credit.



- Authority to approve trainings will be delegated to a workgroup consisting of Technical Specialist comprised of the following:
 - Private Sector (2)
 - NCSU/Cooperative Extension Service (1)
 - Division of Soil and Water Conservation (1)
 - Soil and Water Conservation District (1)
 - Natural Resources Conservation Service (1)
 - Division of Water Resources (1)
- Utilize existing training Opportunities for other comparable certifications including but not limited to Animal Waste System Operator, Professional Engineer, Licensed Soil Scientist, Certified Crop Advisor, Licensed Pesticide Applicator, Certified Conservation Planner, and Professional Geologist.
- Issue an electronic certificate to Technical Specialist with name, registration number, designation(s), and three-year deadline date. Re-issue certificate at the end of the three- year period with successful completion of the training requirement.



Technical Specialist on January 1, 2019

Organization	Number of Technical Specialist	WUP/ NM	WM	WA	IR	RC	SD	SI	IF/NM
Private	137	117	20	66	44	29	21	22	2
SWCD	94	94	4	33	2	55	5	2	0
DSWC	12	11	2	9	2	6	2	2	0
NRCS	79	75	1	39	5	57	39	2	0
CES	73	73	0	3	0	0	0	0	0
NCDA&CS	12	11	0	1	0	0	0	0	0
DWR	5	5	1	2	1	1	1	1	0
Total	412	386	28	153	54	148	68	28	2



Technical Specialist That Fulfilled Training Requirement by December 31, 2021

Organization	Number of Technical Specialist	WUP/ NM	WM	WA	IR	RC	SD	SI	IF/NM
Private	52	42	5	30	17	7	4	6	1
SWCD	40	39	2	16	0	17	2	2	0
DSWC	8	7	1	7	1	4	1	1	0
NRCS	27	27	0	17	2	15	12	0	0
CES	26	26	0	3	0	0	0	0	0
NCDA&CS	4	4	0	1	0	0	0	0	0
DWR	3	3	1	3	1	1	1	1	0
Total	160	148	9	77	21	44	20	10	1



Technical Specialist not fulfilling training requirement

- There was a total of 252 Technical Specialist that did not fulfill their training requirement.
- **Take Action to Rescind Technical Specialist Designations of the 252 individuals that did not fulfill their training requirement.**





Technical Specialist Training Requirement Report

January 9, 2022

Per rules governing the Approval of Water Quality Technical Specialist **02 NCAC 59G .0104**:
Readopted Eff. November 1, 2017.

- (i) Technical Specialist shall complete six hours of training approved by the Commission during each three-year period following initial designation or each three-year period following the effective date of this Rule.
- (j) In addition, technical specialist designation shall be rescinded by the Commission for failure to complete the approved additional training by the end of each three-year period.

The SWCC adopted the following policies for implementation of the Technical Specialist training requirement at its November 14, 2018 meeting.

- While there are seven (7) Technical Specialist designation categories, approved training courses will not be categorized by designation. The Technical Specialist will determine the suitability of training for their respective designation(s).
- Technical Specialist may obtain all six (6) training hours in a single calendar year.
- Training hours in excess of six (6) hours may not be carried over to the subsequent three-year period.
- The three-year period for current Technical Specialist will begin January 1, 2019.
- The three-year period for newly designated Technical Specialist by the SWCC will begin the following January 1.
- Technical Specialist failing to meet training requirements will be presented to the SWCC at their January meeting for notice of rescinding designation(s).
- Division staff will conduct a random audit of 10% of all Technical Specialist submitting training credits each year. Technical Specialist subject to an audit will be requested to furnish proof of attendance for training courses claimed for credit.

- Authority to approve trainings will be delegated to a workgroup consisting of Technical Specialist comprised of the following:
 - o Private Sector (2)
 - o NCSU/Cooperative Extension Service (1)
 - o Division of Soil and Water Conservation (1)
 - o Soil and Water Conservation District (1)
 - o Natural Resources Conservation Service (1)
 - o Division of Water Resources (1)

- Utilize existing training Opportunities for other comparable certifications including but not limited to Animal Waste System Operator, Professional Engineer, Licensed Soil Scientist, Certified Crop Advisor, Licensed Pesticide Applicator, Certified Conservation Planner, and Professional Geologist.

- Issue an electronic certificate to Technical Specialist with name, registration number, designation(s), and three-year deadline date. Re-issue certificate at the end of the three- year period with successful completion of the training requirement.

On January 1, 2019, there were 412 designated Technical Specialist on the list subject to the training requirement. A breakdown of these Technical Specialist by organization and their designations are listed below.

Organization	Technical Specialist	WUP/ NM	WM	WA	IR	RC	SD	SI	IF/ NM
Private	137	117	20	66	44	29	21	22	2
SWCD	94	94	4	33	2	55	5	2	0
DSWC	12	11	2	9	2	6	2	2	0
NRCS	79	75	1	39	5	57	39	2	0
CES	73	73	0	3	0	0	0	0	0
NCDA&CS	12	11	0	1	0	0	0	0	0
DWR	5	5	1	2	1	1	1	1	0
Total	412	386	28	153	54	148	68	28	2

Of the 412 Technical Specialist, 160 completed the required six hours of training during the three-year window ending December 31, 2021. A breakdown of these Technical Specialist by organization and their designations are listed below.

Organization	Technical Specialist	WUP/ NM	WM	WA	IR	RC	SD	SI	IF/ NM
Private	52	42	5	30	17	7	4	6	1
SWCD	40	39	2	16	0	17	2	2	0
DSWC	8	7	1	7	1	4	1	1	0
NRCS	27	27	0	17	2	15	12	0	0
CES	26	26	0	3	0	0	0	0	0
NCDA&CS	4	4	0	1	0	0	0	0	0
DWR	3	3	1	3	1	1	1	1	0
Total	160	148	9	77	21	44	20	10	1

There was a total of 252 Technical Specialist that did not fulfill their training requirement by December 31, 2021 and presented for rescinding their designations. A list of these Technical Specialist and their designations are listed below.



SWCC Technical Specialist Designation

First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Lyn	Hardison	DEQ- WARO	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David	Dycus		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bob	Edwards		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tim	Hall		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rick	Morris		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wayne	Nixon		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Robin J.	Watson		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David	Hardy	NCDA Agronomic Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE

First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Bruce	Rider		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scott	Alons	Albemarle SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mamie	Caison	Brunswick SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dennis	Testerman	Cabarrus SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Todd	Kelly	Carteret SWCD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mitch	Thompson	Caswell SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Larry	Williams	Catawba SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Henry	Outz	Chatham SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edward	Davis	Columbus SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Larry	Simpson	Cumberland SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mike	Doxey	Curritick SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lloyd	Phillips	Davidson SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jennifer	Brooks	Durham SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Margaret	Knight	Edgecombe SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Michael	Bowman	Forsyth SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Joseph D.	Alm	Gaston SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warren	Daniel	Granville SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE

First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
B. J.	Loyd	Granville SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
James	Taylor	Harnett SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leslie	Smathers	Haywood SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gregory	Hughes	Hertford SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
James	Summers	Iredell SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Edward	Humphrey	Johnston SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Keith	Metts	Jones SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
W. Tommy	Brooks	Lee SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L. Michael	Breedlove	Macon SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. Bailey	Mundy	Madison SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lynn	Whitehurst	Martin SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jerry	Hall	Moore SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thomas	Sledge	Nash SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
William	Norris	Onslow SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gail	Hughes	Orange SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Todd	Roberts	Orange SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
James	Poindexter	Person SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stuart	Walker	Polk SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE										
First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Kelly	Whitaker	Randolph SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kevin	Moore	Rockingham SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bunyan	Anderson	Scotland SWCD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gerald	McSwain	Stanly SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sara Jo	Durham	Stokes SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tom	Smith	Stokes SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jeffrey	Parker	Transylvania SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wayne	Moser	Union SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Randy	Ball	Vance SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Teresa	Hice	Wake SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Larry	Petrovick	Wake SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dale	Threatt-Taylor	Wake SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Larry T.	West	Warren SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grover	Hood	Wayne SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Charlotte	Jenkins	Wayne SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scott	Thomas	Yancey SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE

First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
David	Anderson		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
William	Burke		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kate	Campau		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thomas	Carter		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bryan	Colvard		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David	Combs		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lynwood	Faison		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sharon R.	Funderburk		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. Patrick	Fussell		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hugh M.	Hardaway		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Edward	Holland		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Billy	Jones		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
John	Lenfestey		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Phil	Loudermilk		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
W. Robert	McLeod		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Michael	Pardue		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Richard L.	Phillips		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kevin	Pope		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
William G.	Simmons		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bryan C.	Spell		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wilson	Spencer		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brian	Tingen		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jimmy R.	Vinson		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toni	Wade		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brack	Williams		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kent	Yarborough		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
M. Floyd	Adams	Adept Construction & Development	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
William H.	Farmer	AgriRent Services, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L.M.	Safley	Agri-Waste Technology, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Donald L.	Basinger	Applied GeoSciences & Eng.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Edward	Curtis	Armstrong Geological	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samuel	Warren	ATAC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Karl	Shaffer	AWT, Inc	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Jeff	Belflower	Belflower Farm LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
William B.	Hall	Billy's Irrigation System	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Keith R.	Baldwin	BMP Systems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Laura	Gregory	Brown's of Carolina	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chase	Mackey	Carolina and Howard Farms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Robert G.	Grammer	Carroll's Foods of Virginia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Howard	Hobson	Carroll's Foods, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eric	Olson	Centeridge Farms, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jeffrey J.	Warren	Coharie Farms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Douglas	Black	Crop Production Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stephen G.	Young	Crop Production Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carl Brooks	Little	Dogwood Farms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E.J.	Knott	E & E Farm Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Ed	Bullard	Eastern Irrigation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maurice G.	Cook	Ecogolistics, Limited	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kevin	McKague	Ecogolistics Limited	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. Donald	Matthis	Envir. Ag. Services, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Larry F.	Graham	Envir. Engineering Service	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ronnie D.	Wall	Gra-Mac Distributing Co.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gray	Taylor	Gray Taylor's Agronomy Service	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
John	Roberts	Hal Owen & Associates	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sonya Johnson	Barber	Harvest Net, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
James Mark	Jackson	Hog Slat, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
George D.	Simpson	Hydro Agri North America	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dawn	Davis	Impact Agronomics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Bruce	Niederhauer	Impact Agronomics, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
William R.	Peele	Impact Agronomics, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Robert E.	Adams	J.C. Howard Farms, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ralph S.	Jarvis	Jarvis Associates, P.A.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Henry R.	Johnson	Johnson & Company Irrigation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jake	Barrow	L.L. Murphrey Hog Co.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Frank	Tyndall	M. Frank Tyndall Eng.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Everett H.	Knight	McKim & Creed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Becky	Mitchiner	McLawhorn Crop Service, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clint	Brooks	Mecklenburg Parks & Rec	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Marcus Todd	Rowe	Murphy Brown, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nathan Henry	Gay	Murphy Family Farms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Jacob	Powell	Murphy-Brown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
John	Burleson	NC Ag Services, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David	Butcher	NC Ag Services, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Randy	Cutchin	Novozymes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Matthew	Barefoot	Premium Standard Farms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jeremy D.	Hill	Premium Standard Farms	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alex C.	Averitt	Protech Advisory Services, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gary R.	Scalf	Rainman Irrigation, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark A.	Moser	Resource Cons. Mgmt. Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gary	Manning	Revelle Agri-Products	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Paul	Liverman	Royster Clark	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Robert	Milholland	Royster Clark	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Charles Stephen	Jones	Royster-Clark, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jacob	Presley	S&ME	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Christopher S.	Carpenter	Soil Plus, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ron	Perry	Southern States Cooperative	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lonnie	Reed	Southern States Cooperative	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kevin	Fisher	Southern States Cooperative, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R. Gregory	Swain	Swain Consulting Services, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Patricia K.	Harris	The Harris Group, Inc	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jeffrey W.	Warren	Waste Management Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Avery Harold	Jarman	Westbrook & Jarman	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David	Oldham	Williams Farms of NC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dave	Elkin		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Rodney	Woolard	ATAC, Washington Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jack	Long	NRCS - Beaufort County	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elton	Barber	NRCS - Lincoln SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Greg	Wagoner	NRCS, Alleghany SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dean	Bingham	NRCS, Area 3 Goldsboro	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Harold	Jones	NRCS, Area 3, Goldsboro	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Perry	Wilkerson	NRCS, Area 1 Waynesville	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
V. Loring	McIntyre	NRCS, Asheville Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fred	Alexander	NRCS, Avery/Mitchell/Yancey SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Paula J.	Ashley	NRCS, Bertie SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Robert	Horton	NRCS, Brown Creek SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Bill	Woods	NRCS, Burlington Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warren	Mincey	NRCS, Caswell SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Richard H.	Grant	NRCS, Catawba SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Renessa	Hardy-Brown	NRCS, Cumberland SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dallas	Shackleford	NRCS, Edgecombe SWCD Office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
James H.	Munden	NRCS, Elizabeth City Field Office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shawn	Smith	NRCS, Gaston SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark	Pollard	NRCS, Gatesville Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rufus	Croom	NRCS, Goldsboro	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Christopher	Smith	NRCS, Goldsboro Area Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rusty	Renshaw	NRCS, Henderson Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE

First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Gerald	Harbison	NRCS, Jacksonville Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eric	West	NRCS, Kenansville Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cecil L.	Haynes	NRCS, Lenoir Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bruce	Wilson	NRCS, Lexington Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Russell C.	Blevins	NRCS, Mountain Valley RC&D Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diana	Lewis	NRCS, Oxford Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Michael	Sturdivant	NRCS, Pittsboro Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Peter	Crawford	NRCS, Pittsboro Tech. Services Office	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Christine	Vance	NRCS, Randolph SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vilma	Mendez Colombani	NRCS, Rockingham Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE										
First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Larry	Hendrix	NRCS, Rowan SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Albert	Moore	NRCS, Rutherfordton Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Michael	Washington	NRCS, Salisbury Area Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P. Benjamin	Robinson	NRCS, Shelby Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kenneth F.	Deyton	NRCS, Spruce Pine Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rick	Bailey	NRCS, Surry/Yadkin SWCD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kayla B.	Hudson	NRCS, Sylva Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shelton	Baker	NRCS, Tarboro Tech. Serv. Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Robert D.	Twomey	NRCS, Transylvania SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Michael	Harriett	NRCS, Trenton Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark	Ferguson	NRCS, Union SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE										
First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Alan	Walker	NRCS, Waynesville Area Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. J.	Cook	NRCS, Wilkes SWCD Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David	Clay	NRCS, Wilkesboro Tech. Ser. Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
David	Little	NRCS, Wilson Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deirdre	DeBruhl	NRCS, Winston-Salem Field Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
John	Clark	Tarboro Technical Service Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jeffrey L.	Young	DSWC - Fletcher	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
David	Harrison	DSWC - Raleigh	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Davis	Ferguson	DSWC - Waynesville	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vernon N.	Cox	NCDA&CS DSWC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE

First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Gaylon L.	Ambrose	Beaufort County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Joey	Knight	Caswell County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emily	Herring	CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kathryn	Stillwell	CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jan	Patterson	CES - Bio & Ag Eng	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dan	Smith	CES - West District Director	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daniel C.	Campeau	Chatham County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phyllis	Creech-Greene	Columbus CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Michael W.	Shaw	Columbus County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kenneth W.	Bailey	Cumberland County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carl	McKnight	Davidson County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curtis D.	Fountain	Duplin County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE

First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
James T.	Parsons	Duplin County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Justin	Whitley	Duplin County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
William G.	Lord	Franklin County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Martha	Mobley	Franklin County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tony	McGaha	Haywood County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Malcolm O.	Gibbs	Hyde County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kathy	Bunton	Iredell County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mike	Miller	Iredell County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kenneth	Vaughn	Iredell County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bryant	Spivey	Johnston County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jacob	Morgan	Jones County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark M.	Keene	Lenoir County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE

First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Danny L.	Butler	Martin County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J.B.	Coltrain	Martin County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Craven	Hudson	Moore County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deanna	Wagner	NC Cooperative Extension Service	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark	Rice	NCSU - Bio & Ag Eng	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daniel	Hedgecock	NCSU - CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
David	Crouse	NCSU - Soil Science	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Joe	Zublena	NCSU - Soil Science	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
William C.	Ellers	Pamlico County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alton E.	Wood	Pasquotank County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Valerie	Futrell	Pender CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lewis W.	Smith	Perquimans County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ben E.	Chase	Rockingham County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT 9B BLUE

First Name	Last Name	Organization Name	Waste Utilization Planning / Nutrient Management	Waste Utilization Planning	Wettable Acres	Irrigation Equipment	Runoff Controls	Structural Design	Structural Inspection	Inorganic Fertilizer / Nutrient Management
Eric	Caldwell	Transylvania County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Frank C.	Winslow	Tyrrell County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Richard V.	Melton	Union County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elizabeth	Moretz	Wilkes County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walter F.	Earle	Wilson County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jack	Loudermilk	Yadkin County CES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ronald	Morris		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Streamflow Rehabilitation Assistance Program

NC Soil & Water Conservation Commission

January 8, 2022



2021 State Budget (Session Law 2021-180)

Sec. 5.9 2021

DISASTER RELIEF
AND RECOVERY/
MITIGATION/
RESILIENCY

- \$38M to the Soil and Water Conservation Commission for Streamflow Rehabilitation Assistance Program
- No cost-sharing required
- Up to 5% can be used for administration
- Funds must be expended or encumbered by June 30, 2023 or revert to Disaster Relief and Mitigation Fund

§ 139-65. Streamflow Rehabilitation Assistance Program

PROGRAM PURPOSE

Assist an eligible grantee in:

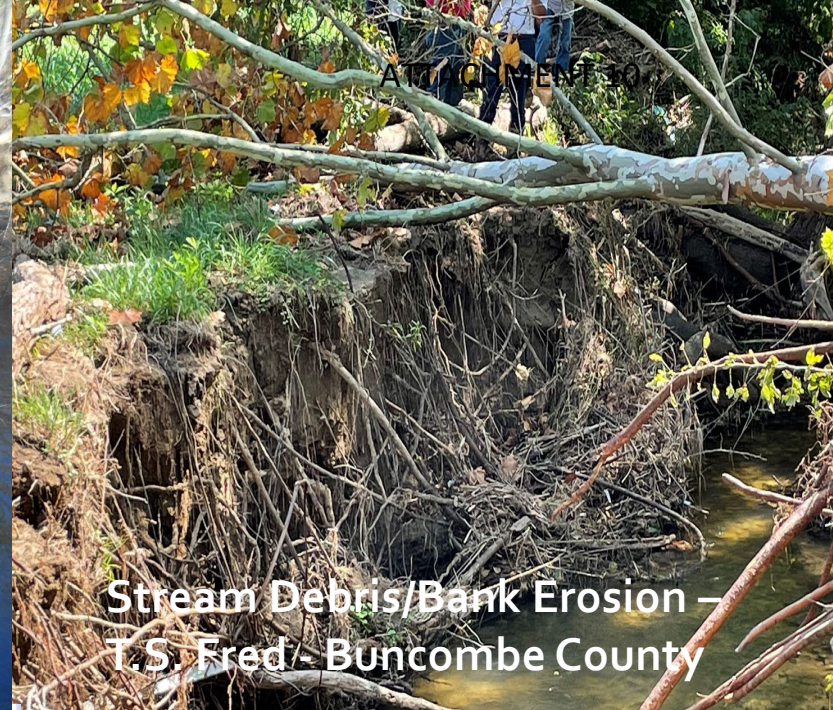
- ❖ Protecting and restoring the integrity of drainage infrastructure through routine maintenance to existing streams and drainage ways by removing blockages caused by accumulated debris or sediment,
 - ❖ Stabilization and restoration of streams and streambanks,
 - ❖ Rehabilitation or improvement of small watershed structural projects
- Project engineering, permitting, and administrative costs are eligible for payment through the Program.
 - Program funds may also be used to provide nonfederal match for related disaster recovery activities funded by the federal government.



Stream Debris – Haywood Co.
East Fork Pigeon River



Rowland Creek Clear & Snag
Beaufort County



Stream Debris/Bank Erosion –
T.S. Fred - Buncombe County



Dutchman's Creek WS
Structure #5 – Davie County



Goose Creek Clear & Snag
Pamlico County



Muddy Creek WS Structure #8
Duplin County

Streamflow
Rehabilitation
Assistance
Program –
Eligible
Applicants

ELIGIBLE APPLICANTS

- Soil and Water Conservation Districts
- Cities and Counties
- Drainage Districts
- Water or Sewer Authorities
- Municipal or County Service Districts
- Sanitary Districts
- Nonprofit Organizations

Streamflow Rehabilitation Assistance Program – Debris Removal

PROPOSED PRIORITIZATION

1. Vegetative debris removal (e.g. woody vegetation)
2. Instream sediment removal (explain)
3. Streambank stabilization (vegetative cover) with or without sediment removal
4. Stream restoration
5. Other stream repair needs (e.g., culvert replacement)

* Permitting needs impact priority

* Beaver trapping and dam removal *may* be considered part of stream debris removal.

Streamflow
Rehabilitation
Assistance
Program –
Match for
Federal
Disaster Funds

Program funds may be used to provide nonfederal match for related disaster recovery activities funded by the federal government (e.g., USDA Emergency Watershed Protection Program)

Streamflow Rehabilitation Assistance Program –

P.L. 566 Small Watershed Project Rehabilitation

PROPOSED PRIORITIZATION

1. Projects where program funds are used to match federal watershed rehabilitation funds
2. Structural rehabilitation or replacement for critical components (e.g., principle spillway, emergency spillway)
3. Repair of critical eroding or settling areas
4. Removal of accumulated sediment from the impoundment

Managing Removed Debris

The Commission shall ensure that debris removed from streams with funds provided under this Article are either:

- removed from the 100-year floodplain or
- processed in such a manner that the debris would not pose a risk of blockage or significant impairment of normal streamflow during a subsequent flood event.

Detailed Implementation Plan

Funding Buckets

Program Purpose	Recommended Initial Funding Pool
Stream Debris Removal	\$20,000,000
Reserve for Matching Federal Funds	\$3,600,000
Small Watershed Project Rehab	\$12,500,000
Administration	\$1,900,000
TOTAL	\$38,000,000

Applicant Responsibilities

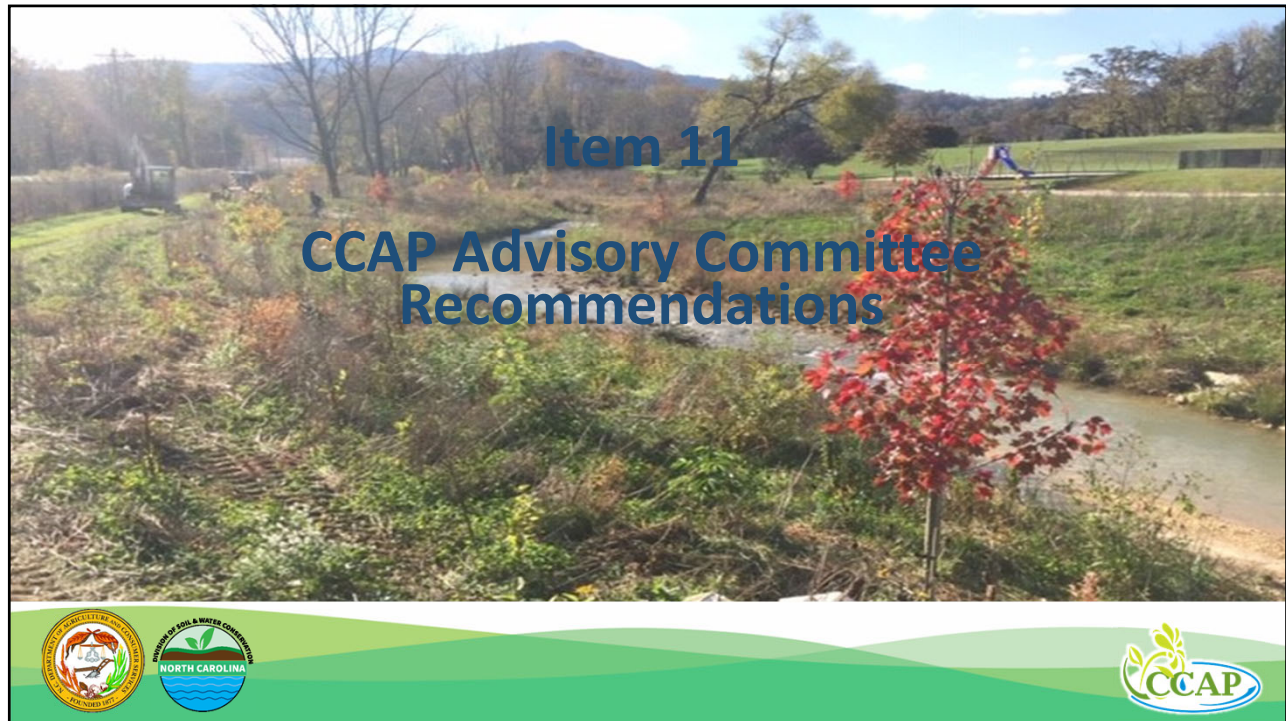
PROCESS & CONSIDERATIONS

Applicant required to:

- Complete & submit application
- Oversee project
- Provide site inspections
- Provide report to include pre & post pictures
- Secure contractor as needed
- Secure permits
- Secure access & rights-of-way
- Manage removal material
- Sign off for request for payment

Anticipated Timeline

Activity	Anticipated date(s)
Commission approval for Detailed Implementation Plan	January 9, 2022
Press release, Q&A sessions	Week of January 17, 2022
Begin receiving applications	January 24, 2022
Close first batching period	March 31, 2022
Recommend project awards for Commission approval	Special called meeting late April 2022



CCAP Detailed Implementation Plan (DIP) Revisions for Non-Recurring Funds

- Session Law 2021-180 (2021 Appropriations Act)
- \$1.5 million one-time non-recurring funds for CCAP
- Funds must be encumbered by the end of FY2023
- CCAP Advisory Committee recommendations follow



Proposed DIP Revisions for Non-Recurring Funds

Figure 5 - BMP Implementation, Regional

- Continue competitive regional application process and allocation framework
- \$1,285,000 non-recurring increase, \$428,333 per region
- Current applications have district adjusted requests



Proposed DIP Revisions

Item	Current DIP Amounts	Proposed Amounts
Project Maximum (including engineering design)	\$20,000	\$50,000
District Maximum/Year	\$20,000	\$100,000
Repair Allocation	\$10,000	\$75,000
Individual Repair Contract	\$2,500	\$5,000
Technical Assistance	\$20,519	\$120,519
Education and Outreach	\$0	\$50,000



Questions?

***We are requesting your action for Item 11A
Proposed Revisions to the 2022 Detailed Implementation Plan***



Item 11B - CCAP Cost List Proposed Changes

- Revise engineering costs for those practices requiring an engineering design
- Replace the set amount for engineering with 75% of actual cost up to 15% of total project cost to CCAP

We are requesting your action on Item 11B



Item 11C - CCAP 2022 Allocations

2022 Applications

- 59 Applications submitted, 35 proposed for funding
- \$938,350 total request
- \$874,300 proposed allocation



CCAP 2022 Allocations: East Region

13 proposed for funding; 7 districts requesting \$229,250

- 5 Marsh sills
- 4 Rain gardens
- 3 Cisterns, 3 Grassed swales
- 2 Bioretention areas
- 2 Critical area plantings



CCAP 2022 Allocations: Central Region

7 Applications submitted; 7 districts requesting \$148,750

- 3 Streambank and Shoreline Protection
- 2 Critical area plantings
- 1 Impervious surface conversion
- 1 Abandoned well closure



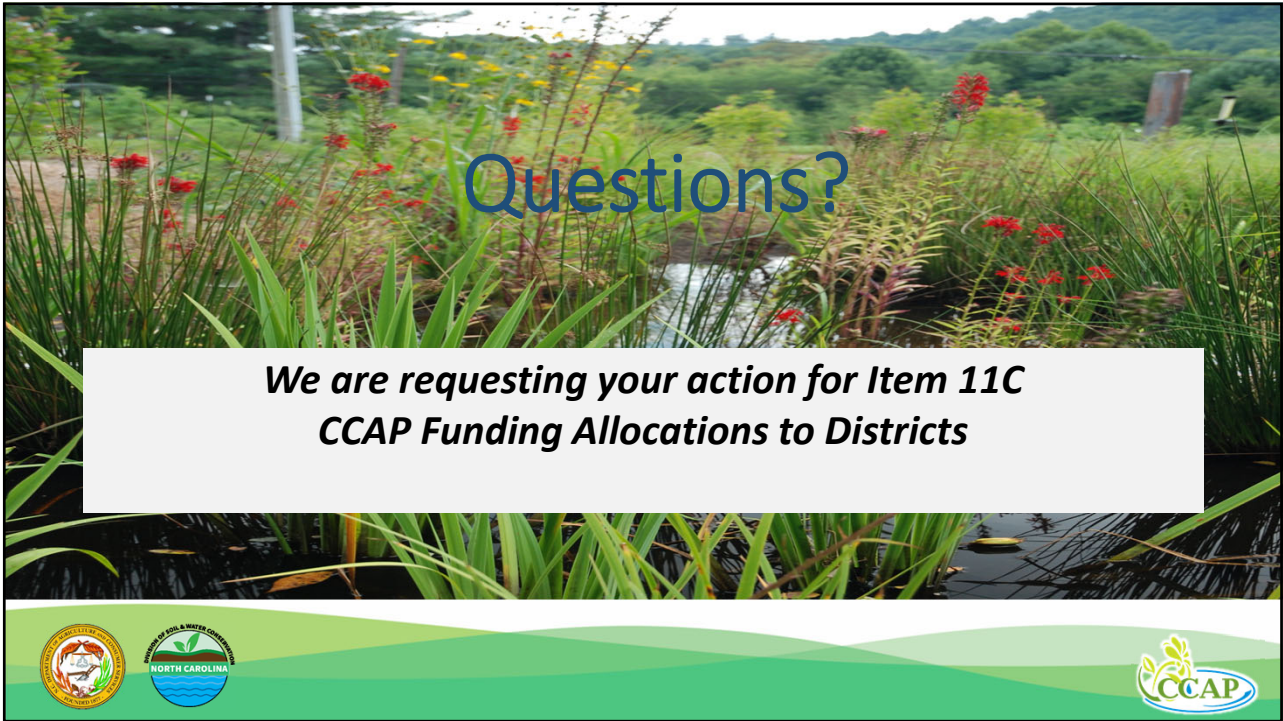
CCAP 2022 Allocations: West Region

15 Applications submitted; 11 districts request \$496,300

- 8 Stream restorations
- 2 Streambank and shoreline protections
- 1 Cistern
- 1 Critical area planting
- 1 Grassed swale
- 1 Stormwater wetland
- 1 Bioretention area




REQUESTS EXCEEDED REGIONAL CAP





Questions?

***We are requesting your action for Item 11C
CCAP Funding Allocations to Districts***



Detailed Implementation Plan

Fiscal Year 2022 – Revised 01/09/2022



Background

The North Carolina Community Conservation Assistance Program was authorized through Session Law 2006-78 and became effective on July 10, 2006. CCAP is implemented in accordance with the rules as published 02 NCAC 59 D .0104. The purpose of CCAP is to reduce the delivery of nonpoint source (NPS) pollution into the waters of the State by installing best management practices (BMPs) on developed lands not directly involved in agricultural production. Through this voluntary, incentive-based conservation program, landowners are provided educational, technical and financial assistance.

CCAP is administered by the North Carolina Soil and Water Conservation Commission and implemented through local soil and water conservation districts. The commission meets with stakeholders to gather input on CCAP's development and administration through the CCAP Advisory Committee. CCAP receives approximately \$136,000 annually in state appropriations and support for one position in the Division of Soil and Water Conservation. The CCAP program realized additional one-time, non-recurring funding of \$1.5 million through passage of the Session Law 2021-180 (2021 Appropriations Act).

The Administrative Code governing the CCAP program allows the Commission to specify in this document, the CCAP annual Detailed Implementation Plan, the proportion of available funds to allocate for cost share payments, technical and administrative assistance, and education and outreach purposes and the proportion of those funds to be allocated to district, regional, and/or statewide allocation pools. This is particularly important given the limited amount of recurring funding currently available in this program. The allocation process is depicted in figures 1 and 2.



Figure 1: Soil and Water Conservation Commission CCAP allocation process

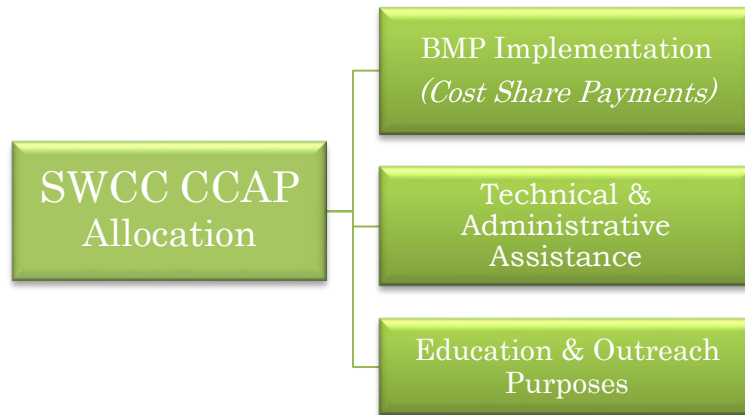
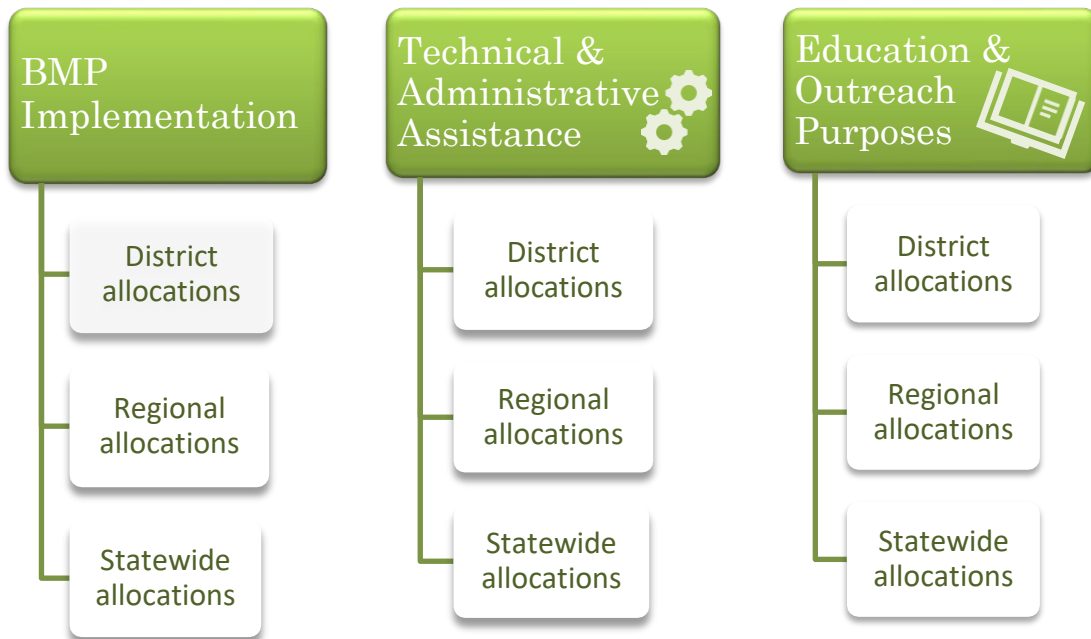
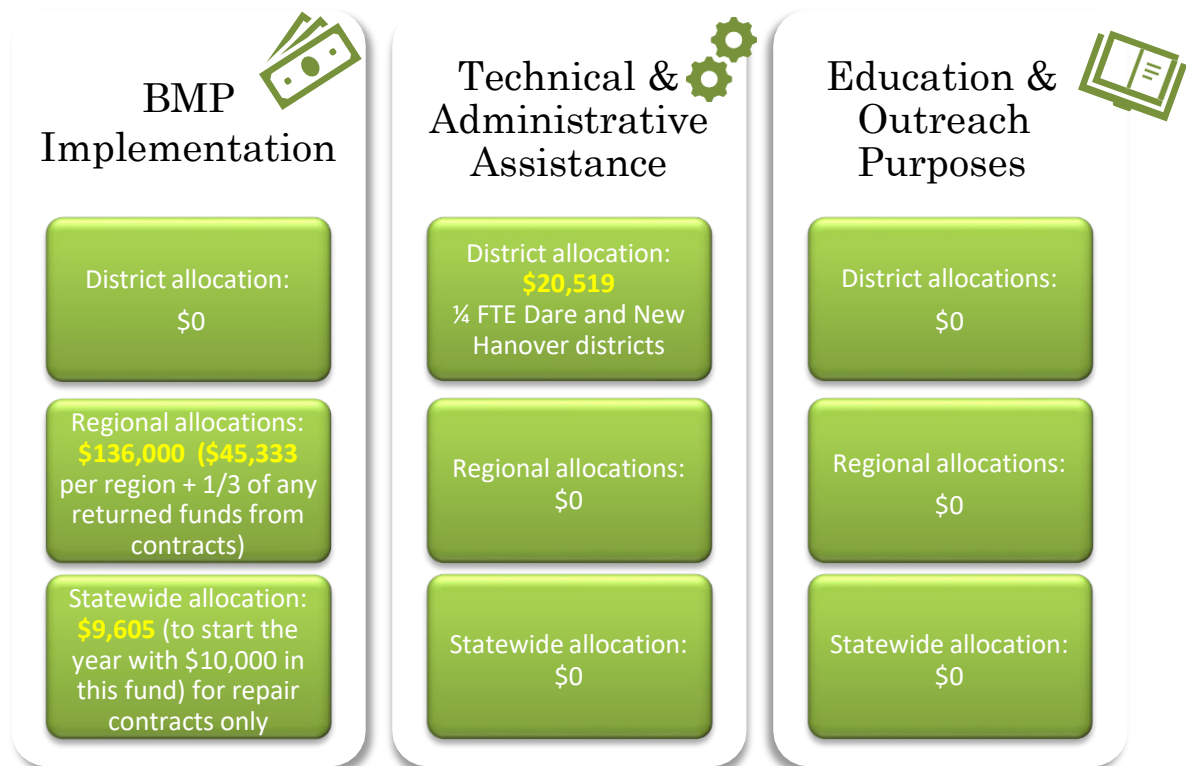


Figure 2: Soil and Water Conservation Commission CCAP allocation process for different funding pools



Fiscal Year 2022 Recurring Allocation

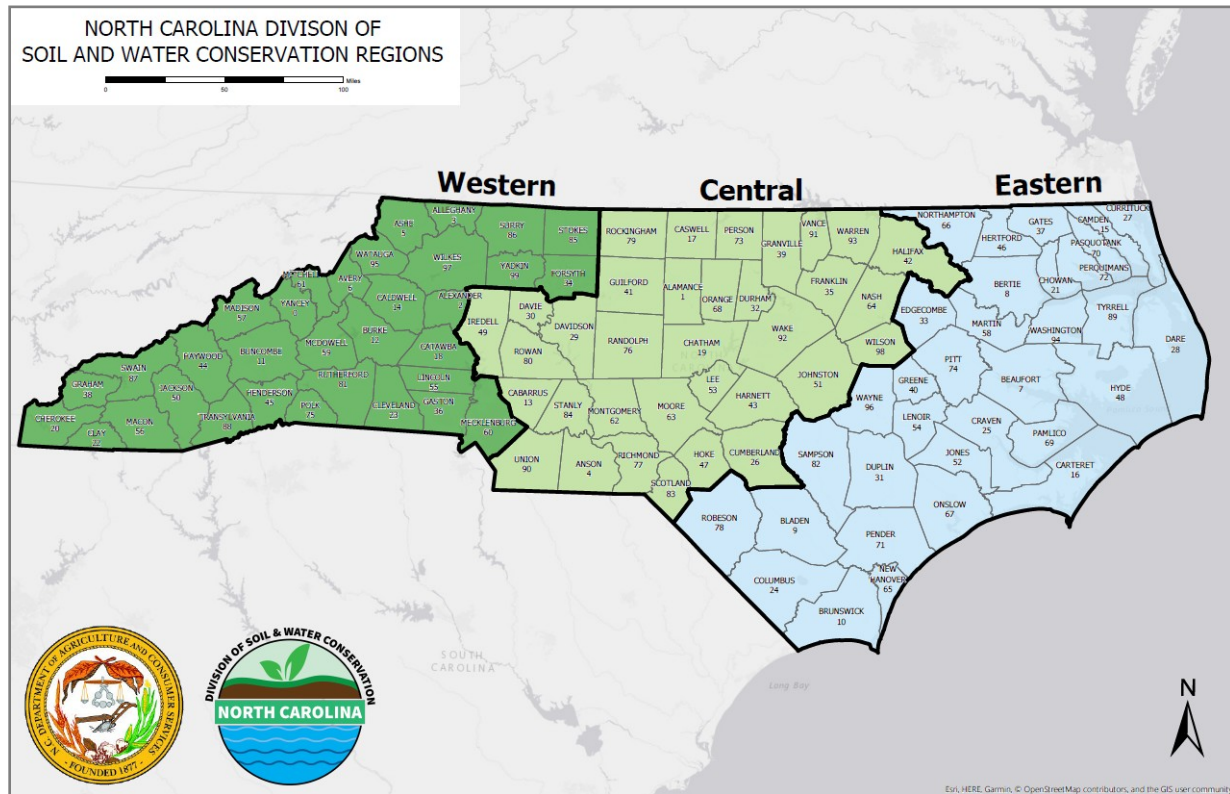
Figure 3: Proposed Soil and Water Conservation Commission FY2022 CCAP Recurring Allocation Strategy



The Commission will allocate approximately \$136,000 through a competitive regional application process for any of the approved 2022 CCAP conservation practices. \$9,605 will be allocated statewide for repair contracts as one repair contract was funded in fiscal year 2021. Repairs will be made on a first come, first serve basis until repair funds are fully expended. Repairs will be capped at \$2,500 and cost shared at 75% of actual costs based upon receipts. A district may bring a request before the Commission to exceed the cap of \$2,500 per repair contract. \$20,519 will be allocated to the Dare and New Hanover Districts for ¼ Full Time Equivalent (FTE) position each for Technical and Administrative Assistance.

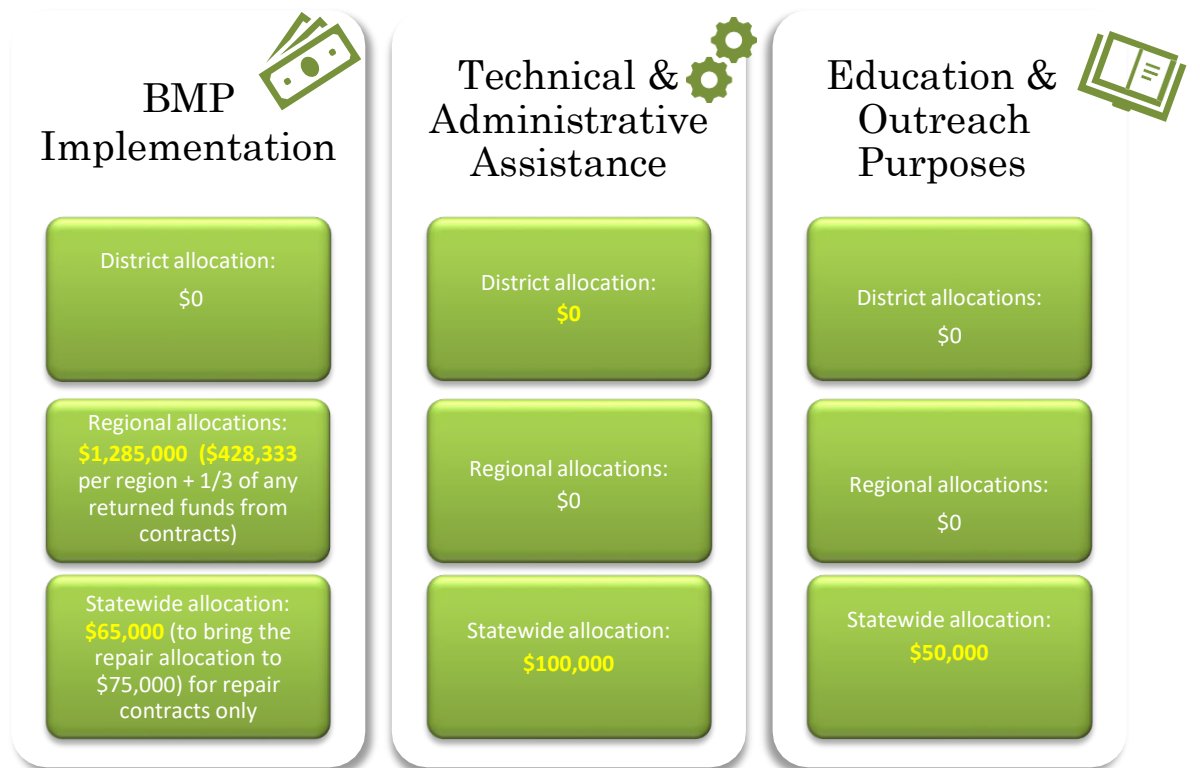
The remaining funding will be allocated for BMP Implementation and will be divided among the regions as depicted in figure 4. Any funds returned to the Division from previous years' contracts will be added to the BMP Implementation allocation pool and divided among the three regions. Applications will be approved using the same ranking criteria for each region. Should a region not have sufficient applications to fund, the Commission will allocate the remaining funds by approving applications in other regions, funding applications by highest score, with a just-in-time allocation. The maximum CCAP cost share allocation per district will be limited to \$20,000 so that a least two applications can be approved in each region. CCAP also receives funding from several grant sources. Grant project may not comply with the contract caps compared to those projects funded solely through state appropriations.

Figure 4: Division of Soil and Water Conservation Service Regions for CCAP allocations



Fiscal Year 2022 Recurring Allocation

Figure 5: Proposed Soil and Water Conservation Commission FY2022 CCAP Non-Recurring Allocation Strategy



The Commission will allocate approximately \$1,285,000 through a competitive regional application process for BMP implementation of the approved 2022 CCAP conservation practices with the non-recurring funds. \$65,000 will be allocated statewide for repair contracts to increase the total repair funding to \$75,000 for the 2022 Fiscal Year. Repairs will be made on a firstcome, first serve basis until repair funds are fully expended. Repairs will be capped at \$5,000 and cost shared at 75% of actual costs based upon receipts. A district may bring a request before the Commission to exceed the cap of \$5,000 per repair contract. \$100,000 will be allocated on a statewide basis for Technical Assistance funds. The CCAP Advisory Committee will provide a recommendation to the Commission on the allocation of Technical Assistance funds to the districts for work performed.

The remaining funding will be allocated for BMP Implementation and will be divided among the regions as depicted in figure 5. Any funds returned to the Division from previous years' contracts will be added to the BMP Implementation allocation pool and divided among the three regions. Applications will be approved using the same ranking criteria for each region. Should a region not have sufficient applications to fund, the Commission will allocate the remaining funds by approving applications in other regions, funding applications by highest score, with a just-in-time allocation. The maximum CCAP cost share allocation per district will be limited to \$100,000.

Any funds not encumbered for the purposes described above will be allocated through the 2023 Fiscal Year DIP.

Fiscal Year 2022 Goals

- I. Conduct a competitive regional allocation process for CCAP BMPs.
 - a. Fund projects in each of the division's regions: western, central and eastern.
 - b. Distribute funding for BMPs consistent with the Ranking Form with those of the highest ranking in each region receiving allocations until depleted.
 - c. Continue funding repair contracts as needed

- II. Continue to implement the program
 - a. Maintain the [CCAP website](#) with all relevant information
 - b. Maintain the job approval database
 - c. Continue developing online tests for job approval authority
 - d. Continue supporting district personnel in online testing and Commission procedures to obtain job approval authority
 - e. Implement CCAP education and outreach efforts



Additional practices may be adopted by the Soil and Water Conservation Commission and introduced during the program year. Sites must have been developed for three years or more to be eligible for cost share assistance, and unless otherwise specified, the minimum life of all practices is 10 years. For single-family home sites, the minimum life of all practices is five years because these properties change owners more frequently.

- (1) **Abandoned well closure** is the sealing and permanent closure of a supply well no longer in use. This practice serves to prevent entry of contaminated surface water, animals, debris or other foreign substances into the well. It also serves to eliminate the physical hazards of an open hole to people, animals and machinery.
- (2) **Bioretention** area is the use of plants and soils for removal of pollutants from stormwater runoff. Bioretention can also be effective in reducing peak runoff rates, runoff volumes and recharging groundwater by infiltrating runoff. Bioretention areas are intended to treat impervious surface areas of greater than 2500 ft².
- (3) **A backyard rain garden** is a shallow depression in the ground that captures runoff from a driveway, roof, or lawn and allows it to soak into the ground, rather than running across roads, capturing pollutants and delivering them to a stream. Backyard rain gardens are intended to treat impervious surface areas of less than 2500 ft².
- (4) **Stormwater wetland** means a constructed system that mimics the functions of natural wetlands and is designed to mitigate the impacts of stormwater quality and quantity. Stormwater wetlands are intended to treat impervious surface areas of greater than 2500 ft².
- (5) **Backyard wetlands** are constructed systems that mimic the functions of natural wetlands. They can temporarily store, filter and clean runoff from driveways, roofs and lawns, and thereby improve water quality. The wetland should be expected to retain water or remain saturated for two to three weeks. Backyard wetlands are intended to treat impervious surface areas of less than 2500 ft².
- (6) **A cistern** is a system of collection and diversion practices to prevent stormwater from flowing across impervious areas, collecting sediment and reaching the storm drains. Benefits may include the reduction of stormwater runoff thereby reducing the opportunity for pollution to enter the storm drainage system.
- (7) **A critical area planting** means an area of highly erodible land, which cannot be stabilized by ordinary conservation treatment on which permanent perennial vegetative cover is established and protected to improve water quality. Benefits may include reduced soil erosion and sedimentation and improved surface water quality.
- (8) **A diversion** means a channel constructed across a slope with a supporting ridge on the lower side to control drainage by diverting excess water from an area to improve water quality.

Best Management Practices continued...

- (9) **A grassed swale** consists of a natural or constructed channel that is shaped or graded to required dimensions and established in suitable vegetation for the stable conveyance of runoff to improve water quality. Benefits may include reduced soil erosion, and sedimentation and improve the quality of surface water pollution from dissolved and sediment-attached substances.
- (10) **Impervious surface conversion** means the removal of impenetrable materials such as asphalt, concrete, brick and stone. These materials seal surfaces, repel water, and prevent precipitation from infiltrating soils. Removal of these impervious materials, when combined with permeable pavement or vegetation establishment, is intended to reduce stormwater runoff rate and volume, as well as associated pollutants transported from the site by stormwater runoff.
- (11) **Permeable pavement** means materials that are designed to allow water to flow through them and thus reduce the imperviousness of traffic surfaces, such as patios, walkways, sidewalks, driveways and parking areas.
- (12) **A pet waste receptacle** means a receptacle designed to encourage pet owners to pick up after animals in parks, neighborhoods and apartment complexes so as to prevent waste from being transported off-site by stormwater runoff.
- (13) **A riparian buffer** means an area adjacent to a stream where a permanent, long-lived vegetative cover (sod, shrubs, trees or a combination of vegetation types) is established to improve water quality. Benefits may include reduced soil erosion, sedimentation, pathogen contamination and pollution from dissolved, particulate and sediment-attached substances.
- (14) **A stream restoration** system means the use of bioengineering practices, native material revetments, channel stability structures and/or the restoration or management of riparian corridors to protect upland BMPs, restore the natural function of the stream corridor and improve water quality by reducing sedimentation to streams from streambanks.
- (15) **Streambank and shoreline protection** is defined as the use of vegetation to stabilize and protect banks of streams, lakes, estuaries or excavated channels against scour and erosion.
- (16) **Marsh sills** protect estuarine shorelines from erosion, combining engineered structures with natural vegetation to maintain, restore, or enhance the shoreline's natural habitats. A sill is a coast-parallel, long or short structure built with the objective of reducing the wave action on the shoreline by forcing wave breaking over the sill. Sills are used to provide protection for existing coastal marshes, or to retain sandy fill between the sill and the eroding shoreline, to establish suitable elevations for the restoration or establishment of coastal marsh and/or riparian vegetation.
- (17) **A structural stormwater conveyance** includes various techniques to divert runoff from paved surfaces where a vegetated diversion is not feasible. The purpose is to direct stormwater runoff (sheet flow or concentrated) away from a direct discharge point and divert it to an approved BMP or naturally vegetated area capable of removing nutrients through detention, filtration, or infiltration.



Table 1: Best Management Practices eligible for cost share, minimum life expectancy of each practice, and the practice type

BMP	Maintenance Period of BMP*	Practice Type
Abandoned well closure	1	N/A
Backyard raingarden	10	Design
Backyard wetland	10	Design
Bioretention area	10	Design
Cisterns	10	Design
Critical Area Planting	10	Design
Diversion	10	Design
Grassed swale	10	Design
Impervious surface conversion	10	Design
Marsh sill	10	N/A
Permeable pavement	10	Design
Pet waste receptacle	10	N/A
Riparian buffer	10	Design
Stream restoration	10	Design
Streambank and shoreline stabilization	10	Design
Stormwater wetland	10	Design
Structural stormwater conveyance	10	Design

**** The maintenance period for single-family home sites is five years with the exception of Abandoned Well Closure which is one year.***

Best Management Practice	Components	Unit Type	Cost Type	Share Rate	Cost Share Cap	Notes
Abandoned well closure		Each	Actual Cost	75%	\$ 1,500	
Backyard rain garden			Actual Cost	75%	\$ 2,750	
Backyard wetland			Actual Cost	75%	\$ 2,750	
Cisterns*	<1,000 gallons (includes installation)	Gallon	Actual Cost	75%	\$ 2,250	
	1,000 - 3,000 gallons (includes installation)	Gallon	Actual Cost	75%	\$1.56/gallon	\$2,250 + \$1.56/gallon over 1,000 gallons (max of \$4,490)
	> 3,000 gallons (includes installation)	Gallon	Actual Cost	75%	\$1.65/gallon	\$4,490 + \$1.65/gallon over 3,000 gallons
	Accessories package	Each	Actual Cost	75%	\$ 1,000	
	Shipping charge	Each	Actual Cost	75%	\$ 750	
	Cistern (3,000+ gallons) engineering	Job	Actual Cost	75%	\$ 3,000	
Critical area planting		SqFt	Actual Cost	75%		
Diversion*		SqFt	Actual Cost	75%		
	Diversion engineering	Job	Actual Cost	75%	\$ 3,000	
Grassed Swale*		SqFt	Actual Cost	75%		
Impervious surface conversion	conversion to trees	SqFt	Actual Cost	75%		
	conversion to grass	SqFt	Actual Cost	75%		
Permeable pavement*	Non-vehicular (inc impervious removal)	SqFt	Actual Cost	75%		capped at \$16.90/sqft
	Vehicular (inc impervious removal)	SqFt	Actual Cost	75%		capped at \$23.00/sqft
	Permeable pavement engineering	Job	Actual Cost	75%	\$ 5,000	
Pet waste receptacle		Each				
	Receptacle (installed)	Each	Actual Cost	75%	\$ 400	
	Receptacle (retrofit of existing trash can)	Each	Actual Cost	75%	\$ 100	
	Plastic bags (per receptacle at time of original contracts)		Actual Cost	75%	\$ 75	
Riparian buffer		SqFt	Actual Cost	75%		
Stream restoration*		Feet	Actual Cost	75%		
	Stream restoration engineering	Job	Actual Cost	75%	\$ 5,000	
Streambank and shoreline protection*		Feet	Actual Cost	75%		
Bioretention areas*		SqFt	Actual Cost	75%		
	Bioretention areas engineering	Job	Actual Cost	75%	\$ 5,000	
Stormwater wetlands*		SqFt	Actual Cost	75%		
	Stormwater wetlands engineering	Job	Actual Cost	75%	\$ 5,000	
Marsh sills	<= 100 feet	Feet	Actual Cost	75%	\$ 10,000	
	Each additional foot >100 feet	Feet	Actual Cost	75%	\$100/foot	
Structural Stormwater Conveyance*		Each	Actual Cost	75%	\$ 4,000	
	Structural stormwater conveyance engineering	Job	Actual Cost	75%	\$ 1,667	
Engineering for selected *BMPs* capped at 15% of total CCAP project cost		Each	Actual Cost	75%	15%	

For actual cost items, the payment is based on 75% of actual cost, not to exceed the established cost share cap.

Region	District	Project	BMP	Request
East	Carteret	Bill Norris	Bioretention area	\$ 30,000
	Hyde	Newmans Seafood	Marsh sill	\$ 50,000
	Craven	Charles & Claudia Lewis	Marsh sill	\$ 30,000
	Dare	Amanda Hooper	Marsh sill	\$ 20,500
	Dare	Secotan Market	Cistern	\$ 4,000
	Dare	Roanoke Historical Society	Bioretention area/Critical area/Marsh sill	\$ 32,000
	Pitt	Pitt County Arboretum	2 Rain gardens	\$ 5,500
	Currituck	Jon Raymond	Rain garden/Structural stormwater conveyance/Grassed swales	\$ 11,000
	Dare	Town of Duck	Streambank and shoreline protection	\$ 20,000
	Dare	Karen Hosler	Critical area planting	\$ 1,500
	New Hanover	Cassandra Lopez	Rain garden/Cistern	\$ 2,750
	Dare	David Elder	Cistern	\$ 4,750
	Dare	Travis Costin	Marsh sill	\$ 17,250
Total Eastern Regional Allocation January 2022				\$ 229,250

Region	District	Project	BMP	Request
Central	Orange	Bolin Forest Home Owners Association	Critical area planting	\$ 2,250
	Chatham	Tami Schwerin	Impervious surface conversion	\$ 50,000
	Wake	Tara Wilkinson	Streambank and shoreline protection	\$ 30,000
	Granville	South Granville High School	Grassed swale/critical area planting	\$ 5,000
	Union	Billy Solomon	Streambank and shoreline protection	\$ 25,000
	Guilford	Lawerence Moehlman	Abandoned well closure	\$ 1,500
	Iredell	Mildred Minor	Streambank and shoreline protection	\$ 35,000
Total Central Regional Allocation January 2022				\$ 148,750

Region	District	Project	BMP	BMP Request
West	Mecklenburg	Town of Huntersville	Stream restoration	\$ 50,000
	Gaston	Samuel Whitworth	Stream restoration	\$ 22,000
	Forsyth	Nathan Peifer	Cistern	\$ 4,800
	Avery	Mayland Community College	Stream restoration	\$ 50,000
	Burke	Clyde Leggins	Grassed swale	\$ 7,000
	Catawba	Mary S Nash	Stream restoration Streambank and shoreline protection	\$ 25,000
	Haywood	Grace Episcopal Church	Bioretention area	\$ 50,000
	Buncombe	Spring Mountain Center	Stream restoration	\$ 50,000
	Burke	Susan Dale	Stream restoration	\$ 35,000
	Henderson	High Vista Home Owners Association	Stream restoration	\$ 50,000
	Macon	Burningtown Fire Department	Streambank and shoreline protection	\$ 40,000
	Alleghany	Alleghany County	Stream restoration	\$ 50,000
	Buncombe	Francine Delany School	Critical area planting Structural stormwater conveyance	\$ 17,500
	Buncombe	Taira Lance	Stormwater wetland	\$ 30,000
	Macon	Cowee School	Cistern	\$ 15,000
Total Western Regional Allocation January 2022				\$ 496,300



Presentation to the NC Soil and Water Conservation Commission
Agricultural Water Collection and Reuse System BMP Revisions
January 9th, 2022



Materials Review

The following items are in your packet for review:

- AgWRAP Agricultural Water Collection and Reuse System BMP Revisions PowerPoint Presentation
- AgWRAP Agricultural Water Collection and Reuse System BMP Revisions



Item 12. Agricultural Water Collection and Reuse System BMP Edits

- Name change to emphasize storage and collection
- Addition of allowable components, including fencing
- Addition of allowable water sources for collection and storage
- Reference to the Produce Safety Rule and the Livestock Water Storage BMP
- Quick Reference Table updates



Item 12. Agricultural Water Collection and Reuse System BMP Edits

- Addition or updates to existing forms:
 - Cooperator Acknowledgement Form
 - O&M Plan
 - Decision Support Tree for Produce Safety Rule



Take action to approve revisions to the AgWRAP
Agricultural Water Storage and Collection BMP.



Agricultural Water Storage and/or Collection System

Definition/Purpose

Construct an agricultural water management and/or collection system for water reuse or irrigation for agricultural operations. These systems may include any of the following: water storage tanks, pumps, water control structures, and/or water conveyances. Benefits may include reduced demand on the existing water supply by collection and reuse and decrease withdrawal from existing water supplies.

Policies

1. The system shall be for agricultural use.
2. The system must be certified by a professional engineer or an individual with appropriate job approval authority.
3. Cost share for this practice may include components necessary to collect and store water for reuse. Components may include:
 - Water storage tanks, including concrete pads
 - pumping and piping for transfer from a collection pond/tank to a storage pond/tank. If pumps are cost shared, adequate housing for the pump must be provided and is cost sharable.
 - Electricity required for pumping
 - Water control structures
 - Water conveyances
 - Components needed as designed by a PE
4. This practice may be used to collect and store water from the following sources:
 - Water Supply Wells
 - Spring Developments
 - Streamside Pickups (baseflow interceptors)
 - Rooftop structures
 - Rainwater
 - Municipal Water
5. Irrigation equipment is not eligible for this practice.

6. Water from this system can be used for irrigation, washing and, cooling livestock and agricultural equipment, and other non-potable agricultural purposes, ~~unless~~ Capturing and recirculating from an existing aquaculture system is also allowable.

- Some types of water collection and storage may not be suitable for irrigation, fertigation, foliar sprays, frost protection, rinsing, washing, ice, cooling, postharvest fungicide and wax, handwashing, cleaning and sanitizing and washing of produce due to the Produce Safety Rule. Water may need to be treated before use.

~~3.7.~~ Operation and Maintenance Plan is required.

~~4.8.~~ This practice is not intended to be used to supply drinking water for humans or livestock. In cases of emergency, exceptions may be made for watering livestock. Refer to policy ~~896~~ for more information. If livestock watering is the main objective, please refer to the AgWRAP Livestock Water Storage BMP.

~~5.9.~~ If applicable, livestock shall be excluded from the collection structure. In cases of emergency, cooperators may contact their district and request a temporary exception. Duration of exception will be determined by the district and supporting notes will be included in the contract file. Emergencies may be defined as power outages, pump failures, extreme periods of drought and/or depletion or contamination of the existing water source.

- For fencing to be eligible for cost share assistance, the minimum standard the cooperator shall follow is the NRCS 382 standard.
- Where fencing is implemented, but not cost-shared the applicant shall not be required to meet the NRCS 382 standard, only to demonstrate that the fencing is adequate to exclude livestock.

10. Cooperators are responsible for obtaining and complying with all required permits.

AGRICULTURAL WATER <u>STORAGE AND/OR COLLECTION</u> AND REUSE SYSTEM	
Maintenance Period	10 YEARS
BMP Units	EACH
Required Effects	<u>GAL WATER INCREASED (or available)</u> <u>Acres irrigated (if applicable)</u>
<u>JAA</u>	<u>Professional Engineer</u>
<u>JAA/Supporting NRCS Standards unless otherwise noted for Reference</u>	ENG - 558 - Roof Runoff Structure ENG - 636 - Water Harvesting Structure <u>ECS – 382 - Fencing</u> <u>ENG – 533 – Pumping Plant</u> <u>ENG - 574 - Spring Development</u> <u>ENG - 642 - Water Well</u>
<u>Cost Information</u>	<u>Actual cost - paid based on receipts</u> <u>Maximum cost share amount \$15,000 (75%) OR \$18,000 (90%)</u>
CS2 Reference Materials	NC-ACSP-11 Signature Page Map with BMP location, fields, and roads. <u>Conservation Plan</u> <u>Cooperator Acknowledgement Form</u> <u>O&M Form</u>
Additional Spot-check requirements	The district shall inspect the site <u>annually during the first five years of maintenance period one year after installation, -and then every other year follow typical spot check requirements.</u>

ACSP Stream Debris Removal BMP

NC Soil and Water Conservation Commission Meeting
January 9, 2022



Workgroup Members

Savannah Sartin – Caldwell SWCD

Rick McSwain – DSWC Area Coordinator

Rachel Smith – DSWC Engineer

Brandon Young – Madison SWCD

Tyler Ross – Madison SWCD

Julie Henshaw - DSWC

Mark Forbes – Avery SWCD

Daniel Rowe – McDowell SWCD

Stephen Banner – McDowell NRCS

Carter Edgerton – Cleveland NRCS

Ken Parks – DSWC

Josh Vetter - DSWC

- Representatives from DWR, NC Wildlife Resources, ACOE, US FWS



ACSP Stream Debris Removal BMP

- The Technical Review Committee (TRC) is recommending this practice for inclusion in the NC Agriculture Cost Share Program (ACSP)
- This practice is **NOT** for the Streamflow Rehabilitation Assistance Program



ACSP Stream Debris Removal BMP

- Intended to address small, single landowner debris removal projects on or adjacent to agricultural land.
- Practice will be funded using regular ACSP funds.



ACSP Stream Debris Removal BMP

DEFINITION/PURPOSE

- For removal of vegetation along the bank (clearing) and/or selective removal of snags, drifts, or other obstructions (snagging) from natural or improved channels and streams.
- Must result in documentable water quality improvements from reduced stream bank erosion on or adjacent to agricultural land.



ACSP Stream Debris Removal BMP

- Stream Debris Removal may only be used to remove obstructions that are negatively impacting agricultural land.
- Technical representative must work with the appropriate permitting agencies to determine if the stream debris removal activities will require permits.
- Debris must be removed from the floodplain OR deposited in a manner so that it will not re-enter stream or affect flow capacity of floodplain.
- Debris may be disposed of through hauling, burning, chipping or other means



ACSP Stream Debris Removal BMP

- Trees on the bank that are leaning over the channel at an angle greater than 30 degrees of vertical and pose a threat of falling in the channel may be included
- Any areas denuded and/or disturbed during debris removal must be restored by planting vegetation
- Avoid disturbance of wetlands and sensitive habitat areas.
- Guidance provided on Plans and Specifications, Operation and Maintenance and Additional Considerations



STREAM DEBRIS REMOVAL	
Maintenance Period	1 year
BMP Units	LIN FT
Required Effects	SOIL_SAVED (Estimate amount of streambank/shoreline erosion in tons/yr.)
JAA	ENG – 326 – Clearing and Snagging
Supporting Practices	ECS – 342 – Critical Area Planting ENG – 580 – Streambank and Shoreline Protection
CS2 Reference Materials	NC-ACSP-11 Signature Page Map with BMP location, fields, and roads
Cost Information	ACTUAL costs with receipts not to exceed \$15,000 (75%) OR \$18,000 (90%) maximum cost share amount



- The TRC is recommending the Stream Debris Removal BMP for inclusion in the NC Agriculture Cost Share Program:
- **TAKE ACTION** on item 13. to approve the BMP



THE END



STREAM DEBRIS REMOVAL

DEFINITION/PURPOSE

- Stream Debris Removal is a Best Management Practice for removal of vegetation along the bank (clearing) and/or selective removal of snags, drifts, or other obstructions (snagging) from natural or improved channels and streams.
- This practice may be implemented to:
 - Reduce risks to agricultural resources by removing obstructions that hinder channel flow or sediment transport
 - Reduce excessive bank erosion by eddies or redirection of flow caused by obstructions.
 - Restore flow capacity and direction
 - Minimize blockages by debris
- To be eligible for cost share through the NC ACSP, Stream Debris Removal must result in documentable water quality improvements from reduced stream bank erosion on or adjacent to agricultural land.

POLICIES

1. Stream Debris Removal may only be used to remove obstructions that are negatively impacting agricultural land.
2. The technical representative must work with the appropriate permitting agencies to determine if the stream debris removal activities will require permits. If no permits are required, documentation of concurrence from permitting agencies is required.
3. The landowner is required to obtain all necessary permits for project installation prior to construction.
4. Consult NC Wildlife Resources Commission to insure in-stream work will avoid environmentally sensitive periods, such as spawning and migration, in designated water bodies.
5. Notify landowner and/or contractor of responsibility to locate all buried utilities in the project area, including drainage tile and other structural measures.
6. Remove cleared and snagged material from the floodplain ~~or, where allowed by floodplain regulations,~~ Deposit in areas or in a manner so that the debris will not re-enter the stream and will not significantly affect the flow capacity of the floodplain. ~~Debris removal may be considered floodplain development, therefore floodplain permitting may be required in regulated waterways.~~ Debris may be disposed of through hauling, burning, chipping or other means consistent with the intent of the practice.
7. Designate locations to dispose of any garbage encountered during debris removal operations; such as construction materials, metal, rubber, glass, and plastic.

8. Trees on the bank that are leaning over the channel at an angle greater than 30 degrees of vertical and pose a threat of falling in the channel, or other objects that may fall into the channel may be included. Leave root system intact by cutting the tree at the stump. ~~No grubbing is allowed.~~
9. Restore all areas denuded and/or disturbed during debris removal by planting vegetation.
- ~~10. The establishment of vegetation on disturbed areas will be in accordance with the criteria contained within the NRCS Conservation Practice Standard (CPS) Critical Area Planting (Code 342).~~
- ~~11. Use native vegetation in the riparian area where practical. Vegetation established as part of this practice should include ecologically suitable species obtained from local sources wherever practical. A temporary seed mix of non-native vegetation may be used to provide vegetative cover to reduce erosion before permanent vegetation establishes.~~
12. ~~Avoid disturbance of wetlands and sensitive habitat areas.~~ Minimize disturbance of riparian areas, and fish and wildlife habitat sites and avoid disturbance where possible.
- ~~13. Stream Debris Removal activities have the potential to affect channel stability. Avoid or mitigate activities that negatively affect stability.~~

PLANS AND SPECIFICATIONS

- Prepare plans and specifications for clearing and snagging that describe the requirements for applying the practice to achieve its intended purpose(s).
- As a minimum, include, as applicable, the following items in the plans and specifications:
 - Map of overall area including limits of stream debris removal required.
 - Location of ingress and egress to the site.
 - Description of works of improvement, extent of removal, and manner of disposal.
 - Location of disposal areas or location of areas off limits for disposal of debris.
 - Requirements for disposal area to address final dressing, stabilization, drainage, and vegetation.
 - Location and description of trees or woody vegetation to be left undisturbed.
 - Method of debris disposal.
 - Manner and sequence of construction operations so that impacts on the environment will be minimized.
 - Erosion control measures.
 - Vegetative requirements for areas denuded and disturbed.
- Carry out all operations in a safe and skillful manner. Observe all safety and health regulations and use appropriate safety measures.

OPERATION AND MAINTENANCE

- Provide an operation and maintenance plan to the landowner/user to maintain channel capacity and vegetative cover. Items to include are:
 - Assess the area after each major storm event for downed trees and debris accumulation. Remove or relocate and anchor downed trees and debris accumulations that are causing bank erosion problems as soon as possible.
 - Periodically inspect the area for signs of streambank undermining or instability. Remove any debris accumulations that may contribute to the instability and closely monitor the area.
 - Clear any vegetation and/or debris that block side drainage structures and channels.

STREAM DEBRIS REMOVAL	
Maintenance Period	1 year
BMP Units	LIN FT
Required Effects	SOIL_SAVED (Estimate amount of streambank/shoreline erosion in tons/yr.)
JAA	ENG – 326 – Clearing and Snagging
Supporting Practices	ECS – 342 – Critical Area Planting ENG – 580 – Streambank and Shoreline Protection
CS2 Reference Materials	NC-ACSP-11 Signature Page Map with BMP location, fields, and roads
Cost Information	ACTUAL costs with receipts not to exceed \$15,000 (75%) OR \$18,000 (90%) maximum cost share amount

ADDITIONAL CONSIDERATIONS

The following items are included as considerations and are not required unless otherwise specified. The considerations listed below may not qualify for additional state cost share funds.

- Debris in stream systems affects the physical characteristics of the stream as well as the diversity and abundance of its aquatic organisms. Fisheries and/or aquatic biologists can assist in evaluating and incorporating measures to improve aquatic and riparian-wetland habitat.
- Incorporate enhancements for fish and wildlife values as needed and practical. Special attention should be given to landscape aesthetics and to protecting and maintaining key shade, food, and den trees. Use CPS Stream Habitat Improvement and Management (Code 395).
- Retain or replace habitat-forming elements that provide cover, food, pools, and water turbulence, to the extent possible.
- Root balls of fallen trees and other embedded and affixed debris that are securely anchored in the channel or naturally formed logjams may provide fish habitat and/or stability and should be retained if practical.
- Existing root structure and stumps firmly within the soil should remain to help stabilize the soil and facilitate re-sprouting of woody vegetation.
- Erosion rates decline as a percentage of vegetative roots in a streambank increases. Selection of appropriate riparian vegetation will increase the streambank's ability to resist future erosion.
- Stream Debris Removal activity may resuspend sediments in the flow. Consider treatments that promote beneficial sediment deposition and the filtering of sediment and dissolved substances.
- During construction, woody materials may float downstream and cause additional snags and drifts. Incorporate measures and practices, as needed and practical to address this concern.
- Incorporate measures and practices, as needed and practical, to address modified flow conditions such as—
 - A lowered hydraulic gradient which may drain adjacent flood plains more quickly.
 - Decreased groundwater recharge in water-losing streams resulting from reduced residence time in the channel and adjacent floodplains.
- Ground-disturbing activities associated with this practice have the potential to adversely affect protected plant species and may encourage the establishment of exotic and/or nonnative species. Quickly revegetating disturbed areas can minimize the introduction of nonnative species.
- Temporary erosion and sediment best management practices should be used to minimize the delivery of fine sediment to adjacent and downstream reaches.
- Incorporate construction methods that enhance fish and wildlife values as needed and practical to include—

- Use hand-operated equipment, water-based equipment, or small equipment to minimize soil, water, and other resource disturbances.
- Operate heavy machinery from atop adjacent streambanks to the fullest extent possible.
- After the material has been removed from streambank locations, limit machinery access to riparian areas to minimize damage to stream habitat.

DRAFT

Time extension request for Contract 25-2019-001

At the July Soil and Water Conservation Commission meeting, the Commission approved an extension for contract 25-2019-001 from the Craven Soil and Water Conservation District. This contract was to be completed by the January Commission meeting. The Craven board of supervisors is holding a meeting on Wednesday, December 22, 2021 to consider a request for an additional six-month extension for contract 25-2019-001. The work for this contract has been completed but more time is required to determine practice certification. A letter from the Craven board of supervisors requesting a time extension will be emailed to the Commissioners upon receipt.



Craven Soil and Water Conservation District
302 Industrial Drive • New Bern, NC 28562 • Phone (252) 633-0397

December 22, 2021

Julie Henshaw
Environmental Program Supervisor II
NC Division of Soil and Water Conservation
1614 Mail Service Center
Raleigh, NC 27699-1614

Mrs. Henshaw,

On December 22, 2021, the Craven Soil and Water Conservation District Board of Supervisors held an emergency meeting to discuss Mr. Samuel Lane's request for a second extension to his lagoon closure contract #25-2019-001. As you are already aware, there is still a debate between NRCS and the lagoon closure contractor concerning the land application of the waste removed from the lagoon. At this time, NRCS still has not issued a firm final determination on whether the waste was applied according to their standards and the approved waste application plan. NRCS is also allowing the contractor to take new soil samples on the waste application sites.

Because this issue is still not resolved, the Craven Soil and Water Conservation District Board voted to request that the Soil and Water Conservation Commission approve a second extension, ending on June 30, 2021, to allow additional time for NRCS to come to a final decision concerning implementation of this contract.

Respectfully,

A handwritten signature in black ink that reads "Dietrich Kilpatrick".

Dietrich I. Kilpatrick
Chairman – Board of Supervisors
Craven Soil and Water Conservation District

Soil and Water Conservation Commission
Cost Share Programs Annual Report
Fiscal Year 2021

Please access the Fiscal Year 2021 Annual Report on the Soil and Water Conservation Commission's Cost Share Programs by visiting one of the links below. These programs are governed by 02 NCAC 59D. As required by G.S. 106-850(e), this report consolidates annual reporting for the Agriculture Cost Share Program, Community Conservation Assistance Program and the Agricultural Water Resources Assistance Program.

You can access report by clicking the link below:

[North Carolina Department of Agriculture and Consumer Services Division of Soil and Water Conservation FY2021 Cost Share Programs Annual Report \(adobe.com\)](#)

Should you have trouble access the link above, please visit the address below:

<https://express.adobe.com/page/C5MdPqUKjt5sp/>