

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

**WORK SESSION**

Sheraton Imperial Hotel & Convention Center  
Empire Rooms A & B  
4700 Emperor Boulevard  
Durham, NC 27703  
January 7, 2018  
**9:30 a.m.**

**BUSINESS SESSION**

Sheraton Imperial Hotel & Convention Center  
Imperial Rooms 4 - 7  
4700 Emperor Boulevard  
Durham, NC 27703  
January 7, 2018  
**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 Chairman John Langdon

**III. BUSINESS**

- |    |   |                       |
|----|---|-----------------------|
| 1. | Approval of Agenda                                    | Chairman John Langdon |
| 2. | Approval of Meeting Minutes                           | Chairman John Langdon |
|    | A. November 14, 2017 Work Session Meeting Minutes     |                       |
|    | B. November 15, 2017 Business Session Meeting Minutes |                       |
| 3. | Division Report                                       | Director Vernon Cox   |
| 4. | Association Report                                    | Mr. Chris Hogan       |
| 5. | NRCS Report   | Mr. Tim Beard         |
| 6. | Consent Agenda  |                       |
|    | A. Supervisor Appointments                            | Mr. Eric Pare         |
|    | B. Supervisor Contracts                               | Ms. Kelly Hedgepeth   |
|    | C. Technical Specialist Designation                   | Mr. Jeff Young        |

7. FY2017 Commission Programs Annual Reports

A. Cost Share Programs Consolidated Report

Ms. Kelly Hedgepeth

Mr. Tom Hill

Ms. Julie Henshaw

Mr. Eric Galamb

B. Conservation Reserve Enhancement Program Report

8. District Issues

Ms. Kelly Hedgepeth

A. Policy Exception Request for ACSP contract on Government-owned Property

Dare SWCD

B. Request for Exception to ACSP component on Average Cost List

Alleghany SWCD

**IV. PUBLIC COMMENTS**

**V. ADJOURNMENT**

DRAFT

**NORTH CAROLINA SOIL AND WATER CONSERVATION COMMISSION  
DURHAM, NORTH CAROLINA  
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| 3. Division Report                                    | Director Vernon Cox   |
| 4. Association Report                                 | Mr. Chris Hogan       |
| 5. NRCS Report  | Mr. Tim Beard         |
| 6A. Supervisor Appointments                           | Mr. Eric Pare         |
| 6C. Technical Specialist Designation                  | Mr. Jeff Young        |

- 7. FY2017 Commission Programs Annual Reports
  - A. Cost Share Programs Consolidated Report
  - B. Conservation Reserve Enhancement Program Report

Ms. Julie Henshaw  
Mr. Eric Galamb

- 8. District Issues
  - A. Request for ACSP contract on Government-owned Property
  - B. Request for Exception to ACSP component on Average Cost List

Ms. Kelly Hedgepeth  
Dare SWCD  
Alleghany SWCD

**IV. PUBLIC COMMENTS**

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DRAFT



**NORTH CAROLINA  
SOIL & WATER CONSERVATION COMMISSION  
WORK MEETING MINUTES  
January 7, 2018**

Sheraton Imperial Hotel & Convention Center  
Empire Rooms A & B  
4700 Emperor Boulevard  
Durham, NC 27703

Commission Members	Guests	
John Langdon	Vernon Cox	Michael Shepherd
Wayne Collier	David Williams	Tom Hill
Charles Hughes	Julie Henshaw	Michelle Lovejoy
Chris Hogan	Kelly Hedgepeth	Tom Ellis
Ben Knox	Helen Wiklund	Eric Galamb
Dietrich Kilpatrick	Eric Pare	Myles Payne
Mike Willis	Lisa Fine	John Finch
Commission Counsel	Jeff Young	Ken Parks
Phillip Reynolds	Bryan Evans	

Chairman John Langdon called the meeting to order at 9:34 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 Johnston SWCD has a recommendation for a supervisor appointment on the agenda, and Mr. Reynolds stated there is no conflict of interest.

Chairman Langdon welcomed everyone to the meeting.

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 on the minutes.

**2A. November 14, 2017 Work Session Meeting Minutes**

**2B. November 15, 2017 Business Meeting Minutes**

Commissioner Knox noted a correction in the November 14, 2017 Work Session Meeting Minutes on page 4 of 5 under Item 11 to change "398 *designed* technical specialists" to "398 *designated* technical specialists" and in the November 15, 2017 Business Meeting Minutes on page 2 of 8 under Item 4, in the fourth bullet, to change "to be a *concerning* of supervisors" to

“to be a *concern* of supervisors.” Commissioner Collier noted a correction in the November 15, 2017 Business Meeting Minutes on page 5 of 8 under Item 7 the first line at the top of the page to change “directly *use* for the Disaster Recovery Programs” to “directly *used* for the Disaster Recovery Programs.”

3. **Division Report:** Chairman Langdon recognized Director Vernon Cox to present. Director Cox stated a few informational items were added to the report. The report will be presented this afternoon. A copy of the report is included as an official part of the minutes.
4. **Association Report:** Chairman Langdon recognized Commissioner Hogan to present. Commissioner Hogan stated the report will be presented this afternoon. A copy of the report is included as an official part of the minutes.
5. **NRCS Report:** Chairman Langdon asked if Mr. Tim Beard, State Conservationist, will be present this afternoon. Director Cox stated Mr. Beard will be in attendance to present.
6. **Consent Agenda:** Chairman Langdon recognized Mr. Eric Pare, Ms. Kelly Hedgepeth, and Mr. Jeff Young to present.

**6A. Supervisor Appointments:** Mr. Pare presented four recommendations.

- Matthew Lindsay, Hoke SWCD, filling the unexpired appointed term of David Tommy Lindsay for 2014-2018
- Donald Frederic Rogers, Johnston SWCD, filling the unexpired appointed term of Tami O. Thompson for 2014-2018
- Adam Gardner, Wilson SWCD, filling the unexpired appointed term of David Dwight Batts for 2014-2018
- James Edwards, Yancey SWCD, filling the unexpired elected term of T. Russell Fox for 2014-2018

**6B. Supervisor Contracts:** Ms. Hedgepeth stated there are no contracts to present.

**6C. Technical Specialist Designation:** Mr. Jeff Young presented two applications.

- Mr. Edward Stephens, a soil scientist with the Division, is requesting to be designated as a technical specialist for the Wettable Acres category. Mr. Stephens has completed the required training.
- Ms. Kaitlyn Johnson, an environmental technician with Randolph SWCD, is requesting to be designated as a technical specialist for the Waste Utilization Planning/Nutrient Management and Wettable Acres categories. Ms. Johnson has completed the required training.

The Rules adopted by the NC Soil and Water Conservation Commission at the November 15, 2017 Commission Meeting specified that all technical specialists, as part of their designation, must complete an additional course on the topic of NC rules and regulations governing animal waste management systems. The course is not available at this time. There are two individuals waiting to take the course. The Division is seeking guidance to

give contingent approval upon these individuals completing the course once it is offered either by the Division of Water Resources (DEQ) or the Division of Soil and Water Conservation. The trainings should be available before the next Commission Meeting. In addition, there may be more individuals that come before the Commission seeking technical specialist designation that will need to complete the required training.

Ms. Johnson has completed all the work except for the additional waste management training. The Division recommends approving this designation, to be effective upon the completion of the additional training requirement.

Commissioner Collier stated that he will make a motion during the Business Meeting for the approval of the technical specialist designations to become effective upon the official completion of the additional waste management training requirement to be offered by the Division of Soil and Water Conservation or Division of Water Resources.

Mr. Reynolds stated Item 6B will be removed from the agenda, since there are no contracts to approve, and Item 6C will be removed from the consent agenda and will be handled separately.

7. **FY2017 Commission Programs Annual Reports:** Chairman Langdon recognized Ms. Kelly Hedgepeth to present.

**7A. Cost Share Programs Annual Report for Fiscal Year 2017:**

Ms. Henshaw stated she will present the first consolidated annual report for all the Commission Cost Share Programs as required by Session Law 2017-10, which dictated this change. The report will highlight the allocations for FY2017 and some of the cumulative accomplishments. A copy of the report is included as an official part of the minutes.

**7B. Conservation Reserve Enhancement Program Report:** Chairman Langdon recognized Mr. Eric Galamb to present. A copy of the report is included as an official part of the minutes.

Mr. Galamb stated the program closed seven contracts on 346 acres. In addition, the first CREP Workgroup meeting will be held on February 8, 2018. The workgroup was appointed by the NC Soil and Water Conservation Commission at the November 15, 2017 Commission Meeting.

8. **District Issues:** Chairman Langdon recognized Ms. Kelly Hedgepeth. A copy of the issues is included as an official part of the minutes. Ms. Hedgepeth stated there are two district issues.

**8A. Request for ACSP Contract on Government-owned Property:**

This request is from Dare Soil and Water Conservation District for Agricultural Cost Share Program (ACSP) Contracts on Governmental Property for Rule 02 NCAC 59D .0105(h) for Contract 28-2018-001, which is part of a refuge land and is located on federal land and being farmed.

**8B. Request for Exception to ACSP component on Average Cost List:**

This request is from Alleghany Soil and Water Conservation District. The district is asking for an agitator pump on a dairy with 130 milk cows. These pumps are significantly more expensive than the amount provided in the Average Cost List. The Average Cost List was for a different style pump for a swine operation. This issue will be presented to the Technical Review Committee (TRC) in the Spring to come up with the average cost for dairies. All the estimates and design information are included with the request. The funds are available at 75%.

**Public Comments:** Director Cox noted the staff made sure the packets were delivered to the Commissioners in a timely manner.

Commissioner Collier stated last year there was a concern with Martin Soil and Water Conservation District and that per this year's annual report, the cost share money was spent and going well.

Mr. Bryan Evans thanked the Commissioners for being at the Annual Meeting.

Mr. John Finch reminded everyone Mr. Tim Palmer, First Vice President of National Association of Conservation Districts (NACD), from Iowa, will be at the Annual Meeting tomorrow and encouraged all meeting participants to speak to him. North Carolina has always been a leader with NACD. The next NACD Meeting is January 27-31, 2018 in Nashville, Tennessee at the Opryland Resort.

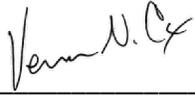
Ms. Michelle Lovejoy stated the NC Foundation is working on the Improving Pastures Program. The Foundation has awarded 19 districts with equipment and 21 counties can participate in a pasture demonstration, which will be discussed in one of the break-out sessions tomorrow. A Strategic Planning Project is currently in process with other partnerships. At the end of the Annual Meeting, there will be an on-line survey for Soil and Water Conservation Districts. The Business Session Report will be just on the Strategic Planning Project, and by this time next year, it will be completed.

Director Cox stated tomorrow the Division anticipates Commissioner Troxler will sign a Good Neighbor Agreement with the US Forest Service. It will allow the Forest Service to provide funds to the Department of Agriculture and specifically the Division to support our programs. Mr. Allen Nicholas, US Forest Service Supervisor for North Carolina, will be present the Good Neighbor Agreement. Former Commissioner Bill Yarborough and Mr. Tyler Ross with Madison Soil & Water Conservation District helped initiate this agreement.

Mr. John Finch stated that Mr. David Vogel is attending the Annual Meeting from NACD. Mr. Vogel works with the US Tribes to get conservation practices on tribal lands and is the primary NACD contact person for this effort.

Mr. Bryan Evans mentioned the break-out sessions have the approved Supervisor Training Credits listed in the program for the Annual Meeting.

**Adjournment:** Meeting adjourned at 10:14 a.m.



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



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Helen Wiklund, Recording Secretary

***These minutes were approved by the North Carolina Soil & Water Conservation Commission on March 28, 2018.***



**NORTH CAROLINA  
SOIL & WATER CONSERVATION COMMISSION  
BUSINESS MEETING MINUTES  
January 7, 2018**

Sheraton Imperial Hotel & Convention Center  
Imperial Rooms 4 – 7  
4700 Emperor Boulevard  
Durham, NC 27703

<b>Commission Members</b>	<b>Guests</b>		
John Langdon	April Hoyt	Terri Kirby Hathaway	Daniel McClellan
Wayne Collier	Jonathan Wallin	Ricki Shepherd	Brooks Bunn
Charles Hughes	Caroline Wicker	PJ Andrews	Rick McSwain
Chris Hogan	Jeff Joyner	Lloyd Phillips	Jackie McAuley
Ben Knox	Tommy Deese	Gavin Thompson	Joanna McPhatter
Dietrich Kilpatrick	Eric Galamb	Lea Ann Branch	Greg Hoyt
Mike Willis	Lloyd Ransom	Pam Steuer	David Harris
<b>Commission Counsel</b>	James Sarvis	Jim Chandler	Eddie Culberson
Phillip Reynolds	Charles Hill	Hicks Pollard	Patty Dellinger
<b>Guests</b>	James Allen	Donald Heath	Barbara Bleiweis
Vernon Cox	Edward E. Davis	Charles Mathews	Bryan Evans
David Williams	Janie Woodle	Wayne Moser	Tom Ellis
Julie Henshaw	Tom Hill	Autumn Romanski	Kevin Dixon
Kelly Hedgepeth	Richard Smith	W. Chester Lowder	Ed Staton
Helen Wiklund	Mamie Caison	Chris Huysman	Alan Aldridge
Jeff Young	Jenny Parks	Michelle Raquet	Kyleene Rooks
Eric Pare	Kaitlyn Johnson	Ken Parks	James B. Hardison
Tim Beard	Randy Freeman	Tammi Remsburg	Harold Hunter
Michael Shepherd	Brenda Williams	Craig Myers	Ryan Manning
Andrew Brannon	James M. Ferguson	Frankie Singleton	Brandon Young
Tracy Warren	Manly West	Clint Brooks	Donald F. Rogers

Chairman John Langdon called the meeting to order at 3:04 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. None were declared.

Chairman Langdon welcomed everyone to the meeting.

1. **Approval of Agenda:** Chairman Langdon asked for a motion on the agenda. Commissioner Knox motioned to approve the amended agenda and Commissioner Hogan seconded. Motion carried.

2. **Approval of Meeting Minutes:** Chairman Langdon asked for a motion on the minutes.

**2A. November 14, 2017 Work Session Meeting Minutes**

**2B. November 15, 2017 Business Meeting Minutes**

Commissioner Hogan motioned to approve the amended minutes and Commissioner Kilpatrick 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.

- Personnel Updates; January 29 will have full engineering and technical services staff
- Supervisor Per Diem Update
- Division has formed an Ad Hoc Workgroup to address non-program funds for Cost Share
- Cost Share Rule 02 NCAC 59D comment period remains open until January 15, 2018
- Division received a grant for \$2.49M from the USDA for the Swine Farm Floodplain Easement and the State will match funds; anticipate accepting applications starting in the summer/fall of 2018
- Division moved to 216 West Jones Street after 50 years in the Archdale Building.
- Introduced Mr. Rick McSwain as the new western regional coordinator

Chairman Langdon thanked Director Cox.

4. **Association Report:** Chairman Langdon recognized Commissioner Hogan to present. A copy of the report is included as an official part of the minutes. Commissioner Hogan stated it has been a learning experience and an honor to serve as President of the Association.

- Raising funds for the Association
  - Ordering Conservation Education license plates; go to the Association's web site; goal is to reach 500 plates with \$15 going towards education
- Association may obtain 501(c)(5) status towards greater Legislative exposure with Mr. Bryan Evans, Executive Director, registering as a lobbyist
- Received almost \$50,000 in pledges towards the 2019 North American Envirothon taking place in Raleigh, North Carolina; asking each district to pledge \$1,000
- Next Annual Meeting scheduled for January 6-8, 2019 at the Sheraton Imperial Hotel in Durham, North Carolina

Chairman Langdon thanked President Hogan.

5. **NRCS Report:** Chairman Langdon recognized Mr. Tim Beard, State Conservationist, to present. A copy of the report is included as an official part of the minutes.

- Government working on a resolution by January 19 to avoid a shutdown; working on a shoe-string budget until the full budget is approved by Congress
- Working on mandatory programs
  - Conservation Stewardship Program (CSP) and Environmental Quality Incentives Program (EQIP); received a little over 1,800 EQIP applications and over \$20M in financial assistance for EQIP
- Regional Conservation Partnership Program (RCPP) awarded 3 out of 4 projects at almost \$11M
- Sentinel Landscape Project funded for \$7M
- Program Reviews for FY2017: EQIP \$20M; CSP less than \$500,000; RCPP over \$900,000
- Easement Programs funded less than \$5M; enrolling over 2,700 acres
- Wetland Reserve Program (WRP) sponsored by the 2008 Farm Bill received approximately \$15M in financial assistance to close the projects and \$4M in technical assistance for six existing projects
- NACD announced the award of funding for two positions in NC to accelerate technical assistance for conservation planning; not all of the \$9M awarded yet
- Administrative functions with FSA are to be consolidated by the end of the fiscal year of September 2018
- Mr. Leonard Jordan is still serving as Acting Chief for NRCS. The agency is still waiting for the permanent appointment of an Undersecretary

Chairman Langdon asked Mr. Beard to include the NRCS handout with the mailout. Mr. Beard will be provided a meeting calendar. Chairman Langdon thanked Mr. Beard.

**6A. Supervisor Appointments:** Mr. Eric Pare presented four recommendations.

- Matthew Lindsay, Hoke SWCD, filling the unexpired appointed term of David Tommy Lindsay for 2014-2018
- Donald Frederic Rogers, Johnston SWCD, filling the unexpired appointed term of Tami O. Thompson for 2014-2018
- Adam Gardner, Wilson SWCD, filling the unexpired appointed term of David Dwight Batts for 2014-2018
- James Edwards, Yancey SWCD, filling the unexpired elected term of T. Russell Fox for 2014-2018

Chairman Langdon asked for a motion. Commissioner Knox motioned to approve the supervisor appointments and Commissioner Willis seconded. Motion carried.

**6C. Technical Specialist Designation:** Mr. Jeff Young presented two applications.

- Mr. Edward Stephens, a soil scientist with the Division, is requesting to be designated as a technical specialist for the Wettable Acres category. Mr. Stephens has completed the required training.
- Ms. Kaitlyn Johnson, an environmental technician with Randolph SWCD, is requesting to be designated as a technical specialist for the Waste Utilization Planning/Nutrient Management and Wettable Acres categories. Ms. Johnson has completed the required training.

Last August, the Commission approved rules governing technical specialist designations. The amended rules were subsequently approved by the Rules Review Commission to require that all individuals requesting technical specialist designation must complete additional training taught by the Division of Soil and Water Conservation or the Department of Environmental Quality (DEQ) on the topic of NC Rules and Regulations governing Animal Waste Management Systems. The training is not currently available, and the staff has been directed by Director Cox to implement the training. The Division is seeking approval of these individuals as technical specialists to be made effective upon completing the additional required training in the next month or two.

Chairman Langdon asked for a motion. Commissioner Collier motioned to approve the request of technical specialist designation for Mr. Stephens and Ms. Johnson to become effective upon the successful completion of the waste management training requirement and Commissioner Hogan seconded. Motion carried.

7. **FY2017 Commission Programs Annual Reports:** Chairman Langdon recognized Ms. Julie Henshaw to present. A copy of the reports is included as an official part of the minutes.

#### **7A. Cost Share Programs Annual Report for Fiscal Year 2017:**

Ms. Henshaw shared an overview of the Fiscal Year from July 1, 2016 – June 30, 2017. This is the first year the report is consolidated for all three programs, per Session Law 2017-10. The three programs operate using the same infrastructure and process. Ms. Henshaw highlighted each program, discussed the funding and compliance process described in the appendix, the map of all contracted BMPs for all the programs, and the list of contracts for all programs by county.

#### **Agriculture Cost Share Program (ACSP) FY2017**

The Commission allocated over \$5.6M. The General Assembly appropriated \$2.4M to help fund local technical positions in 95 districts across the state and supported 102.6 positions. Technical assistance funds provide a 40.2% match with local funds, which is less than the target rate of 50% match. The operating expenses were just over \$1,200 per district. Based on the cumulative benefits for the life of the program, the Division has implemented over 60,000 contracts which resulted in over 3M acres affected, saving 7.6M tons of soil per year, 21M pounds of nitrogen per year, and 6.5M pounds of phosphorus per year.

#### **Community Conservation Assistance Program (CCAP) FY2017**

For FY2017, districts requested over \$2.2M, but the program only has \$200,000 to appropriate. This includes funding for part of 2 positions to implement the program. Last fiscal year, \$244,036 was allocated for practices. This was the first year of implementing a new allocation rule. In each region, there were different types of projects, but each region was allocated the same amount of funds. Some accomplishments include: installing 7 acres of stormwater wetlands, 41 acres of critical area plantings, 7 acres of riparian buffers, and more than 60,000 linear feet of streambank and shoreline protection work.

## **Agriculture Water Resources Assistance Program (AgWRAP) FY2017**

The Detailed Implementation Plan (DIP) set out goals for how the program should be implemented each year. For FY2017, the Commission set four goals. The first goal was to conduct a competitive regional application process for selected AgWRAP BMPs. The second goal was to allocate funds to districts for all practices. The third goal was to implement the Job Approval Authority (JAA) Process for BMPs. There are 23 conservation partnership employees representing 15 districts with Job Approval Authority. The fourth goal was to continue to provide training opportunities for districts. Last fiscal year, the BMP funding requested was more than \$6.8M. State appropriations for the program was just under \$1.5M, with \$150,000 used for engineering and administrative costs. Last year, with a reversion of \$360,558 from cancelled and completed contracts, the total allocated for BMPs in FY2017 was \$1.6M. The breakdown of the regional application process had two batching periods (November and March). The eastern region had fewer applications due to Hurricane Matthew so there were additional funds available to assist with work in other regions. AgWRAP accomplishments to date include: installing 63 ponds, repairing or retrofitting 43 ponds, cleaning out 52 ponds, installing 236 wells and converting 29 irrigation systems. The map highlights the programs.

### **Cost Share Program Goals**

The staff continues to focus on meeting the Commission's program review policy by visiting 18 districts each year, making upgrades to the online contracting system, working through the rule re-adoption process with the comment period ending January 15, 2018, and scheduling regional trainings across the state for February and March.

Chairman Langdon thanked Ms. Henshaw. Chairman Langdon recognized Mr. Eric Galamb to present.

### **7B. Conservation Reserve Enhancement Program Report:**

Mr. Galamb presented the report which covers the Federal Fiscal Year from October 1, 2016 – September 30, 2017. The program is in 9 river basins in the state. As of September 2017, the program has 262 easements. Last year, the program closed on 7 additional contracts, with two being for 30-year term contracts and the remainder in permanent easements. New acres increased by 78 acres and existing buffers were 268 acres. In total, the program had 346 acres of new enrollments on the 7 contracts. These contracts increased the program's stream protection by 12.3 miles. The program offers 6 conservation practices and 2 conservation practices CP3A (Hardwood and Longleaf Pine) and CP22 (Riparian Buffer) were utilized last year. The program continues to deliver substantial benefits for the reduction of sediment and nutrient delivery to streams. The program's marketing initiative did not change, as it continues with the same approach. The total program cost is \$91M for the life of the program. Thus far, the state has contributed a 33% match, exceeding the requirement for incurring 20% of the total program costs.

Chairman Langdon thanked Mr. Galamb.

- 8. District Issues:** Chairman Langdon recognized Ms. Kelly Hedgepeth. A copy of the issues is included as an official part of the minutes.

**8A. Request for ACSP contract on Government-owned Property:**

The first issue is from the Dare Soil and Water Conservation District for Cost Share Contract 28-2018-001. Approval of the contract by the Commission is required by 02 NCAC 59D .0105(h) for BMPS implemented on federal government land. Ms. Terry Kirby Hathaway and Ms. Ann Daisey presented the issue.

Ms. Hathaway stated Dare County is known for its beaches but on mainland Dare there are some large farms located on the Alligator River National Wildlife Refuge. The landowner owned the land prior to it becoming Federal land. The landowner has been farming for over 30 years. This practice through the Agricultural Cost Share Program is not available through any other state programs or federally-funded programs through NRCS. The farm is located on a portion of mainland Dare which drains into the Alligator River and the Albemarle Sound on the northern Outer Banks. The funds are necessary for the practice of land smoothing. The supporting practice is vegetative buffers.

Chairman Langdon asked for a motion. Commissioner Hughes motioned to approve the request for ACSP Contract 28-2018-001 and Commissioner Hogan seconded. Motion carried.

**8B. Request for Exception to ACSP component on Average Cost List:**

The second issue is from the Alleghany Soil and Water Conservation District for an exception to the cost list for a manure pump/agitator. The cost is higher than the average cost. Mr. Chris Huysman and Ms. Janie Woodle presented the issue.

Ms. Woodle stated the request is for an exception to the average cost to grant approval to pay 75% of the actual cost on a manure pump/agitator for a new waste storage system. The system is located on Bledsoe Creek, which is an impacted stream. The old waste management system was failing. It is a 45-year old dairy operation with 130 dairy cows, but the operation has been reduced to 70 cows due to construction. Once the system is operable, the dairy will increase production back to 130 cows. The district is waiting on a design from NRCS for two ramps.

Chairman Langdon asked for a motion. Commissioner Knox motioned to approve the exception to the average cost which allows Alleghany District to pay 75% rather than the cap due to higher cost of the type of equipment required and Commissioner Hughes seconded. Motion carried.

**Public Comments:**

Chairman Langdon reiterated Commissioner Hogan's comments that North Carolina is a leader and all Commissioners have a responsibility to the Commission, the districts, and the supervisors. Currently, 98% of our population is non-agricultural and 2% represents agriculture. Based on our elected officials and our voice, the number of agricultural-educated people, we need to think about a strategic plan and sustainability to foresee where we are going to be 10 years from now. The decision to have 8 pilot districts participate in a Supervisor Training Program is to help create a

better program. All comments, suggestions or criticism of the Supervisor Training Program are welcome.

Commissioner Kilpatrick commended Chairman Langdon for his leadership and stated that he has learned a lot during his short time on the Commission. He also expressed his support for taking the Commission on tour and believes that it is a great idea.

Commissioner Collier stated coming from an urban/rural county, there is pressure at the supervisor level with fewer agricultural supervisors on the board. These supervisors that are from urban areas need to get the training to understand the agricultural aspect to help those that we serve.

Commissioner Knox thanked Commissioner Kilpatrick for his leadership. Commissioner Knox stated he helped push for supervisor training along with former Commissioner West. It is important to speak to our legislators and be on top of the game and supervisor training will help. Commissioner Knox served on the Supervisor Training Development Committee. The training must be worthwhile so that each supervisor is knowledgeable. Commissioner Knox enjoyed his term on the Commission and learned a lot.

Commissioner Willis thanked the leadership and challenged the supervisors and staff to get something out of the training as it sets the tone for the new leaders. Commissioner Willis stressed as we move into 2018 that we need to make a difference and take time to think about what is important.

Mr. Jeff Joyner from the Richmond Soil and Water Conservation District added that he challenges the Commission, due to a tremendous turnover of supervisors in the last ten years in Richmond County, to embrace the training. Richmond County has their best board in years, but requirements for additional training, mandates and rules make it difficult to find five good supervisors. The challenge is how to get each county to buy into the training.

Commissioner Willis recognized Commissioner Hughes for his years of his service and thanked him.

Mr. Don Rogers from the Johnston Soil and Water Conservation District was approved as a new supervisor today and stated it is very important to take the training. As a former forester, Mr. Rogers needs the training and is in full agreement with the requirements.

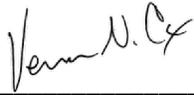
Chairman Langdon stated we must serve ourselves as best we can and not neglect our businesses and families and put our best foot forward.

Chairman Langdon thanked Commissioner Hughes and Commissioner Knox. Chairman Langdon stated it has been a labor of love for Commissioner Knox to serve. Chairman Langdon appreciated his commitment for serving as President of the Association and on the Commission. Chairman Langdon presented a plaque from the North Carolina Soil and Water Conservation Commission to J. Ben Knox in grateful appreciation and recognition of distinguished service and leadership as a member of the North Carolina Soil and Water Conservation Commission. Chairman Langdon presented a plaque from the North Carolina Soil and Water Conservation Commission to Charles W. Hughes III in grateful appreciation and recognition of distinguished service and leadership as a member of the North Carolina Soil and Water Conservation Commission. Chairman Langdon

recalled being in the leadership initiative with Commissioner Hughes and other members of the Commission, which was a great opportunity. Chairman Langdon expressed his appreciation to Commissioner Hughes for his wisdom, leadership and guidance.

Dr. Reich stated it is good to be here and thanked the Commission for their leadership. He stated that he appreciates the services of the retiring Commissioners and reminded everyone Commissioner Troxler will be in attendance tomorrow. Dr. Reich thanked the Division staff for working hard to carry on the work relative to legislative preparations from Hurricane Matthew's relief efforts and the staff transitions.

**Adjournment:** Meeting adjourned at 4:29 p.m.



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



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Helen Wiklund, Recording Secretary

***These minutes were approved by the North Carolina Soil & Water Conservation Commission on March 28, 2018.***



**NORTH CAROLINA  
SOIL & WATER CONSERVATION COMMISSION  
WORK SESSION MEETING MINUTES  
November 14, 2017**

Iredell SWCD Office  
444 Bristol Drive  
Auditorium 1 & 2  
Statesville, NC 28677

Commissioners	Guests	
John Langdon	Vernon Cox	Kelly Hedgepeth
Wayne Collier	David Williams	Tom Hill
Chris Hogan	Michael Shepherd	Autumn Romanski
Dietrich Kilpatrick	Kristina Fischer	Rob Baldwin
Ben Knox	Julie Henshaw	Eric Pare
Mike Willis	Jeff Young	Chester Lowder
Commission Counsel		
Phillip Reynolds via phone	Miles Payne	Louise Wooten
	Ralston James	Tom Ellis
		Helen Wiklund

Chairman Langdon thanked Iredell County and welcomed everyone to the meeting. The meeting was called to order at 7:30 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.

1. **Approval of the Agenda:** Chairman Langdon asked for comments on the agenda. None were declared.
2. **Approval of the Meeting Minutes:** Chairman Langdon asked for comments on the minutes. None were declared.
  - a. September 19, 2017 Work Session Meeting Minutes
  - b. September 20, 2017 Business Session Meeting Minutes
3. **Division Report:** Chairman Langdon recognized Director Vernon Cox. The report will be presented tomorrow. One action item is a policy issue related to the CREP program with regards to the appropriate ratio of existing buffers to new buffers and that the existing buffers are paid for with state funds. Currently, the Division is paying for a conservation easement to ensure the property remains undeveloped which continues to provide the required environmental and wildlife benefits through the easement. The Division will request the Commission to appoint a CREP Workgroup to review the policy. Commissioner Kilpatrick has been asked to join the Workgroup.

4. **Association Report:** Chairman Langdon recognized Commissioner Hogan. A meeting was held with Mr. Bryan Evans, Executive Director of the NC Association, Mr. Vernon Cox, Commissioner Kilpatrick, Dr. Reich and Commissioner Troxler. The following was discussed:

- Partnership relations
- Supervisor per diem issue
- Supervisor travel increasing with the newly-established Supervisor Training Program (STP)
- Community Conservation Assistance Program (CCAP)

Commissioner Troxler's stated his main priority is putting money into agriculture. The Division needs to pursue more funding through legislative support to move the CCAP Program forward.

- Establish a legislative liaison from each district or each area to build a relationship with their legislator and Mr. Bryan Evans is involved and should register as a lobbyist
- Mr. Bryan Evans is participating in NC Forever

5. **NRCS Report:** Mr. Tim Beard, State Conservationist, will be in attendance to present tomorrow.

6. **Consent Agenda:** Chairman Langdon recognized Mr. Eric Pare, Ms. Kelly Hedgepeth, and Mr. Jeff Young to present.

a. **Supervisor Appointments:**

- Reuben Cashwell, Cumberland SWCD, filling the unexpired elected term of Maxine Catherine Dickens (resigned) for 2016-2020
- Craig Myers, Davie SWCD, filling the unexpired elected term of Lane Karriker (resigned) for 2014-2018
- W. Chester Lowder, Stanly SWCD, filling the unexpired appointed term of John Pickler (resigned) for 2016-2020
- David Adams, Wake SWCD, filling the unexpired elected term of Matthew Overby (resigned) for 2016-2020
- Tom Traylor, Warren SWCD, filling the expired appointed term of Steve Young for 2016-2020
- Conditional Supervisor Reappointments Update
  - Edward C. Wall, Forsyth SWCD
  - J. G. Clayton, Vance SWCD
  - Mike Haddock, Jones SWCD
  - Jim Chandler, Richmond SWCD

b. **Supervisor Contracts:** 12 contracts; totaling \$54,184

Chairman Langdon stated the Commission packets need to be prepared in a timely manner to have ample time to review the information. Director Cox stated there will be improvements and a reduction on the number of revisions.

- c. **Job Approval Authority:** Mr. Jeff Young presented approval of one application
    - Mr. Dalton Buchanan; pond site assessment and sediment removal planning and certification
  - d. **Technical Specialist:** Mr. Jeff Young presented two applications
    - Mr. Edward Stephens; Waste Utilization Planning/Nutrient Management (WUP/NM)
    - Mr. Bradley Gillam, PE, with Gillam & Mason, Inc.; Irrigation Equipment (I) and Wettable Acres (WA) for animal waste
7. **Disaster Recovery Act of 2016/2017 Status Report:** Mr. David Williams will present tomorrow.
  8. **Consideration of AgWRAP Regional Applications:** Ms. Julie Henshaw introduced Ms. Autumn Romanski, who joined the Division in October and is responsible for cost share as well as the lead AgWRAP program staff. Ms. Henshaw also thanked Mr. Jeff Young, Mr. Allen Hayes, and Ms. Romanski for their work on the internal application review team and for sharing their recommendations with the AgWRAP Review Committee.

This application cycle, the Division received more applications than available funding. A total of 33 applications were submitted for 2 practices and total requests was \$874,500. In total, only \$636,407 is available to allocate. The AgWRAP Review Committee recommends funding repairs to the 2 AgWRAP projects first and next to fund the Detailed Implementation Plan (DIP) by setting aside an equal amount of funding for each of the Division's 3 regions (western, central, and eastern) for these projects. To help distribute funds, the Committee recommends funding no more than 1 project per county during the first batching period, and fund no more than 60% of the available funds per regions during this period. The next batching period applications are due from the districts by January 26 and will be brought to the Commission in March. During the second batching period, the Division will fund projects from other regions based on the highest score. The first batching period, the Division is requesting approval of 11 projects for new ponds and pond repairs/retrofits which includes 1 project from the Eastern region, 4 projects from the Central region, 4 projects from the Western region and 2 repairs for AgWRAP ponds totaling \$279,500.

9. **Community Conservation Assistance Program:** Chairman Langdon recognized Mr. Tom Hill
  - a. **Revisions to CCAP Detailed Implementation Plan:** The action on Item 9A will affect Item 9B. A request to go through the CCAP Advisory Committee on a change in the Detailed Implementation Plan (DIP) for FY2018 was approved by the Commission in September. Several districts have requested funds to be used for repairs of projects

that in the past have failed. On page 2, Figure 3, under the FY2018 Allocation Strategy, the BMP Implementation refers to a statewide allocation for \$10,000 for repair contracts only and this reflects the change requested by the districts. On page 3, in the first paragraph, it highlights the wording changes based on this request.

- b. **Consideration of CCAP Regional Applications:** A total of 54 contracts were received for 2018 which is an increase of 20% from 2017. There was an increase in BMPs but the dollar figure did not change; it was even across the 3 geographical regions, but there was a 27% increase in the number of BMPs. For FY2018, the requests are:

- Eastern region total requests; \$129,820 and \$15,000 for design funds and \$42,000 towards repair funds, if approved, otherwise, \$45,333 per region
- Central region total requests; \$122,509 and \$7,000 for design funds
- Western region total requests; \$131,450 and \$9,000 for design funds

10. **Supervisor Training Pilot Program:** Chairman Langdon recognized Director Vernon Cox to present. An update will be provided tomorrow. Six Area Meetings were held and the Supervisor Training Pilot Program was discussed at each meeting. The Supervisor Training Workgroup has made some revisions to the guidelines and appendices and will ask the Commission for approval of the pilot phase of the training program. A few changes were added to address mid-term appointments and how to account for it with regards to the training requirements. A specific revision was added into the guidelines to require reconsideration of the training program after the conclusion of the pilot phase. Some additional eligible training courses were also added to Appendix A.

Chairman Langdon called a break at 8:24 p.m. The meeting reconvened at 8:30 p.m.

**Annual Meeting Draft Agenda:** Ms. Kristina Fischer presented the draft agenda for the Annual Meeting in January 2018 with the training credit hours marked in red for the supervisors participating in the pilot program to receive training credits. The Supervisor Training Committee along with Mr. Bryan Evans identified credit hours in keeping with the delegation of Appendix A. If the Commission approves the guidelines document in Appendix A, the delegation of authority to the Division will move forward to begin crediting the hours at the Annual Meeting. A total of 11 training hours are available for supervisors at the Annual Meeting. As a supervisor in a pilot county, a sign-up sheet will be available at each session for verification of participation at a session to receive training credit.

11. **Technical Specialist Training Requirements:** Chairman Langdon recognized Mr. Jeff Young to present. The Commission adopted Rule 59G on August 30, 2017 with an effective date of November 1, 2017. Within Rule 59G, there are new requirements for 6 training hours over a 3-year period. There are challenges to meet these training opportunities. The Division is looking for guidance from the Commission. There are currently 398 designed technical specialists in the database, approximately 1,000 individuals have completed the Nutrient Management Training, and 229 e-mail addresses on the Listserv. It is important to have a training system that overlaps with existing certifications and to have the training opportunities and courses available.

**Public Comments:** Commissioner Collier stated he has been approached while attending the Area Meetings and has spoken to Mr. Young and Director Cox about the Supervisor Training Pilot Program. The districts are concerned with how the Commission and NRCS are dealing with productivity and not listening to their concerns. Director Cox stated the districts that have signed up for the Supervisor Training Pilot Program are open minded, but some are providing pushback and do not think it is a good idea. The objective is that it is not a burden but to provide everyone ample opportunity to be in compliance. Commissioner Knox stated the Association approved the Supervisor Training Pilot Program during the 2017 Annual Meeting, and supervisors had an opportunity to provide feedback at that time.

Chairman Langdon reminded the staff this is the last meeting until the Annual Meeting in January.

Commissioner Hogan asked how the districts participating in the Disaster Relief Act will get the \$500 for administrative costs, and Mr. Williams stated the districts will be invoiced, which must be created and a designation for direct deposit on the form.

**Adjournment:** Meeting adjourned at 9:07 p.m.



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



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Helen Wiklund, Recording Secretary

***These minutes were approved by the North Carolina Soil & Water Conservation Commission on January 7, 2018.***



**NORTH CAROLINA  
SOIL & WATER CONSERVATION COMMISSION  
BUSINESS SESSION MEETING MINUTES  
November 15, 2017**

Iredell SWCD Office  
444 Bristol Drive  
Auditorium 1 & 2  
Statesville, NC 28677

Commission Members	Guests	Guests	Guests
John Langdon	Vernon Cox	Bryan Evans	Autumn Romanski
Wayne Collier	David Williams	Louise Wooten	Frankie Singleton
Chris Hogan	Kelly Hedgepeth	Louise Hart	Ralston James
Ben Knox	Jeff Young	Lisa Fine	Ken Parks
Dietrich Kilpatrick	Eric Pare	Kristina Fischer	Chester Lowder
Mike Willis	Helen Wiklund	Davis Ferguson	
Commission Counsel	Tim Beard	Tom Ellis	
Phillip Reynolds via phone	Michael Shepherd	Tom Hill	

Chairman Langdon called the meeting to order at 9:02 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 welcomed everyone to the meeting and thanked Iredell SWCD, Mr. Ralston James, and the Division staff for coordinating the tours, the dinner, and use of the facility.

Commissioner Hogan stated he enjoyed the dairy tours and was impressed with the operations and the size of the fields in the county. Commissioner Knox stated the farm tour demonstrated the commitment of farmers in western North Carolina to no-till compared to other areas of the State. Farmers need to make a commitment to no-till farming. There is a big difference between no-till farming and never-till farming.

1. **Approval of the Agenda:** Chairman Langdon asked for a motion to approve the agenda. Commissioner Knox motioned to approve the agenda and Commissioner Hogan seconded. Motion carried.
2. **Approval of the Meeting Minutes:** Chairman Langdon asked for a motion on the minutes.
  - A. **September 19, 2017 Work Session Meeting Minutes**
  - B. **September 20, 2017 Business Session Meeting Minutes**

Commissioner Collier motioned to approve the minutes and Commissioner Hogan 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 thanked Iredell SWCD for the use of their facility and the opportunity to meet with the dairy farmers and planning for the future.
- Personnel Updates
  - Supervisor Per Diem Update
  - Cost Share Rule 59D is Open for Public Comment until January 15, 2018
  - Division moved to 216 West Jones Street on October 30, 2017
    - Open House on December 15, 2017
  - Establish a CREP Workgroup and authorize and appoint a Chair
    - Chairman Langdon appointed Commissioner Kilpatrick as Chair of the CREP Workgroup
    - Workgroup will address the appropriate ratio of existing buffer acres to new acres enrolled in the program
    - Mr. Reynolds stated notices may need to be posted to comply with Open Meetings Law and will instruct the Commission on posting the notices
    - Mr. Evans will be available for assistance with the Workgroup

Chairman Langdon thanked Commissioner Hogan for his contribution this past year and his family's contribution while President of the NC Association of Soil & Water Conservation Districts and stated that he is looking for an easy transition when Commissioner Kilpatrick becomes President of the Association. Chairman Langdon also thanked Mr. Evans for his continuing assistance as Executive Director of the Association.

4. **Association Report:** Chairman Langdon recognized Commissioner Hogan to present. A copy of the report is included as an official part of the minutes. Commissioner Hogan thanked Chairman Langdon.
- Applications for the Conservation Education license plates are available with only 12 plates sold
  - Association raffle continues through the 2018 Annual Meeting
  - Received almost \$50,000 in pledges towards the 2019 North American Envirothon
  - Supervisor travel withholding requirements continue to be a concern of supervisors and the Association; Area 5 is working on a resolution
  - Planning for the 2018 Annual Meeting; focus on supervisor training

Commissioner Hogan met with Commissioner Troxler, Mr. Bryan Evans, Commissioner Kilpatrick, Director Vernon Cox, and Deputy Commissioner Dr. Richard Reich to discuss partnership relationships, the Supervisor tax travel issue, supervisor travel increasing, engineering positions, growing the Community Conservation Assistance Program (CCAP), and making contacts with legislators. Mr. Evans has agreed to register as a lobbyist for the Association, and it is recommended each district should designate a legislative liaison.

Chairman Langdon stated it is the supervisor's responsibility to be a legislative liaison whether designated or not.

Mr. Evans discussed attending the North Carolina Forever Meeting on November 14, 2017 at the Umstead Hotel. The meeting was a launch of a consortium group that mirrors Virginia Forever which has been in existence for ten years. The event was to get members to interact and unveil the future goals of the group. The Soil and Water Conservation Districts in Virginia have experienced a tremendous amount of growth through the efforts of Virginia Forever and with North Carolina Forever mirroring that the Association believes it can be beneficial to Soil and Water Conservation Districts in North Carolina. The Association has been invited to become a founding member; this is a member-based consortium, other members include Blue Cross Blue Shield, Smithfield's, Martin Marietta and NC Farm Bureau. The Association will discuss joining the consortium. A Raleigh-based group will do lobbying, and by registering as a lobbyist, it will create more interaction throughout the year in a positive way.

Commissioner Hogan added that Mr. Evans and Ms. Michelle Lovejoy are working to put together a Strategic Visioning Workgroup to work with the Division, Association, Foundation and several other partners. Commissioner Hogan stated that the Commissioner was interested to learn about it, and that the Workgroup will start in the next couple of months.

Mr. Evans will schedule a meeting with the State Fair Manager, who is retiring after 40 years, to discuss some maintenance and upkeep issues related to the Association's Soil and Water exhibit. Commissioner Troxler recommended that Mr. Evans get in touch with the manager to discuss the site and what his vision is with Forestry and keeping it a historical setting and the direction the Fair can expand.

Chairman Langdon stated with the resources in North Carolina and founder Hugh Hammond Bennett's recognizing the need for conservation, it would be nice to have a facility on the State Fairgrounds in the future.

5. **NRCS Report:** Chairman Langdon recognized Mr. Tim Beard, State Conservationist, to present. A copy of the report is included as an official part of the minutes.
  - Director Vernon Cox and Mr. Bryan Evans continues to involve Mr. Beard with the partnership
  - A new mission area was implemented by Secretary Perdue on June 16, 2017 to include Farm Service Agency, Natural Resources Conservation Service and Risk Management Agency
  - State news includes two new agreements:
    - First agreement with the National Association of Conservation Districts (NACD) for \$9M for the districts to hire staff and provide technical assistance
    - Second agreement with National Fish and Wildlife Foundation (NFWF) to get assistance and working with other partners for \$8M
  - Successful Basics of Conservation Training class was held in October
  - At a national level, 199 people have been hired including 3 entry-level employees coming to work in North Carolina

Chairman Langdon called a break at 10:05 a.m. The meeting reconvened at 10:21 a.m.

6. **Consent Agenda:** Chairman Langdon recognized Mr. Eric Pare, Ms. Kelly Hedgepeth, and Mr. Jeff Young to present.

**A. Supervisor Appointments:**

- Reuben Cashwell, Cumberland SWCD, filling the unexpired elected term of Maxine Catherine Dickens (resigned) for 2016-2020; attended UNC SOG
- Craig Myers, Davie SWCD, filling the unexpired elected term of Lane Karriker (resigned) for 2014-2018
- W. Chester Lowder, Stanly SWCD, filling the unexpired appointed term of John Pickler (resigned) for 2016-2020
- David Adams, Wake SWCD, filling the unexpired elected term of Matthew Overby (resigned) for 2016-2020
- Tom Traylor, Warren SWCD, filling the expired appointed term of Steve Young for 2016-2020
- Conditional Supervisor Reappointments Update
  - Edward Wall, Forsyth SWCD, for improved meeting attendance
  - J. G. Clayton, Vance SWCD, for improved meeting attendance
  - Mike Haddock, Jones SWCD, for attending 2017 UNC SOG
  - Jim Chandler, Richmond SWCD, for attending 2017 UNC SOG

**B. Supervisor Contracts:** 12 contracts; totaling \$54,184

**C. Job Approval Authority:** Mr. Jeff Young requested approval of one application

- Mr. Dalton Buchanan; pond site assessment and sediment removal planning and certification

**D. Technical Specialist:** Mr. Jeff Young presented two applications

- Mr. Edward Stephens; Waste Utilization Planning/Nutrient Management (WUP/NM)
- Mr. Bradley Gillam, PE, with Gillam & Mason, Inc.; Irrigation Equipment (I) and Wettable Acres (WA) for animal waste

Chairman Langdon asked for a motion. Commissioner Knox moved to approve the consent agenda and Commissioner Hogan seconded. Motion carried.

7. **Disaster Recovery Act of 2016/2017 Status Report:** Chairman Langdon recognized Deputy Director David Williams to present. A copy of the report is included as an official part of the minutes.

The breakdown of the allocation of funding was presented. The combined 2016 and 2017 funding received in state appropriations is \$32.2M which includes up to \$1M designated specifically for pasture renovation. The Commission approved compensating the districts for technical assistance at the rate of \$500 per completed contract entered into CS2, which can be

used to reimburse for temporary staff hired or directly use for the Disaster Recovery Programs. Some districts are using Resource Institute for streambank restoration work, which the Division is paying. During Phases 1 and 2 for stream debris removal, all the money went towards that practice. Phase 3 has allocated \$11M in stream debris removal and allows the districts and sponsors to use those funds as they see fit. The Division has allocated \$1.4M for non-field farm road repairs and has received over 190 applications. Three practices have been approved for pond repairs with 82 applications received and Resource Institute is contracted to do the engineering assessments. Resource Institute is developing the designs for six pond projects. NCD&CS has also received funding to pay a portion of the landowner's share of the Emergency Conservation Program (ECP) practices funded through the Farm Service Agency (FSA). The landowner is required to pay 25% of the repair costs, and the State can supplement 18% of the landowner's share with the remaining 7% as the landowner's responsibility. A pond repair cost estimator was presented for a project that is being funded by FSA. Eighteen districts have participated in pasture renovation with \$1M allocated.

8. **Consideration of AgWRAP Regional Applications:** Chairman Langdon recognized Mr. Jeff Young to present. A copy of the report is included as an official part of the minutes.

The staff is seeking consideration and action on 33 applications in the first batch, which is just over \$874,500. Following the Detailed Implementation Plan (DIP), the funds were divided by thirds into regions.

- Four applications; western region
- Four applications; central region
- One application; eastern region
- Two applications for repairs to AgWRAP ponds that were already installed and funded by AgWRAP but not functioning and require a repair
  - Other practices funded in these applications are for new ponds and repair/retrofits

Batch 2 will give districts the opportunity to submit new applications and reconsideration of applications already submitted. The deadline is January 26, 2018. The Division is recommending approval of 11 applications, which will allocate \$279,500 from the \$636,407 available.

Chairman Langdon asked for a motion. Commissioner Willis motioned to approve the regional applications and Commissioner Kilpatrick seconded. Motion approved.

9. **Community Conservation Assistance Program:** Chairman Langdon recognized Mr. Tom Hill to present. A copy of the report is included as an official part of the minutes.

- A. Revisions to CCAP Detailed Implementation Plan:** The action on Item 9A will affect Item 9B. The Detailed Implementation Plan (DIP) was approved at the last Commission Meeting. Districts are requesting the use of repair funds for projects due to Acts of God that need additional funding after the construction of these projects. The funds are currently not available (see page 2, Figure 3 under BMP Implementation and Technical and Administrative Assistance). The Division is asking to reduce the statewide allocation amount at the BMP Implementation level by \$10,000, which will affect Item 9B. On

page 3, the first paragraph highlights the change, which was approved at the last Commission Meeting, and sets aside \$10,000 on a first-come, first-serve basis for repairs, capped at \$2,500 per contract. If the district has a need greater than \$2,500, the district can come before the Commission and request those funds. Any funds not allocated through the FY2018 repair funds will roll into the FY2019 repair funds. The total BMP allocation will be reduced from \$136,000 to \$126,000.

Chairman Langdon asked for a motion. Commissioner Collier motioned to approve the changes and Commissioner Hogan seconded. Motion approved.

**B. Consideration of CCAP Regional Applications:** The applications received show an increase in 2017 from 56 to 71 in 2018 with a more even distribution of the requests. In 2017, a disparity of \$8,000 was between the regions, and this year the amount is \$9,000; a significant change in the amount of funds requested by each region. Mr. Hill recognized Mr. Jeff Young for his excellent work at the Conservation Training Session; it was well received by the 30 district employees for his hard work.

- Eastern region will allocate funds for 8 projects totaling \$42,000
  - Last project being partially funded and the district will decide if the project can be completed with reduced funds, if not, it will go to the next highest regional receiver
- Central region will allocate funds for 4 projects totaling \$42,000
  - One partial project with limited funds and will call the district
- Western region will allocate 6 projects totaling \$42,000; with partial funding to the last highest recipient
- Requesting Just-in-Time allocations for any canceled contracts
  - Contacted all districts with 2016 contracts expiring at the end of the fiscal year and waiting to hear back from 8%
  - Have less than \$7,000 to roll into the 2018 contracts
- The action taken with the 2015-2016 voluntary recalls had a significant impact

Chairman Langdon asked for a motion. Commissioner Knox motioned to approve the regional applications and Commissioner Willis seconded. Motion approved.

**10. Supervisor Training Pilot Program:** Chairman Langdon recognized Director Vernon Cox to present. A copy of the report is included as an official part of the minutes. Draft proposals were brought to the Commission in September 2017 and the 8 pilot districts (one for each area) were approved by the Commission for participation in the program. Legislation was passed in 2016 which gave the Commission authority and required all district supervisors appointed and elected to complete a minimum of 6 training hours per year. The Division has scheduled a webinar on December 14 at 11 a.m. Director Cox and Chairman Langdon encourage Commissioner members to participate in the webinar. The first opportunity for pilot districts to earn training credits will be at the Annual Meeting in January 2018. An on-line credit approval process will be tracked in a database with each supervisor assigned an ID with the Division staff maintaining the database and the supervisor responsible for ensuring the credits are approved. To begin the pilot phase, the approval by the Commission of the recommendations provided by the Supervisor Training Committee for the *District Supervisor Training Program and Education Approval Guidelines* and *Appendix A - Delegation of Approval Authority for Supervisor Training*

*Credits* is requested. The UNC-SOG Basic Training course for district supervisors remains mandatory with phased-in implementation to make the course regionally available in 2019.

Chairman Langdon asked for a motion. Commissioner Collier motioned to approve the District Supervisor Training Program and Education Approval Guidelines and Appendix A – Delegation of Approval Authority for Supervisor Training Credits and Commissioner Knox seconded. Motion approved.

**11. Technical Specialist Training Requirements:** Chairman Langdon recognized Mr. Jeff Young to present. A copy of the report is included as an official part of the minutes. Within Rule 59G, there was a component to also authorize and designate technical specialists training requirements.

- Seven Technical Specialist Designation categories
- Database indicates 398 designated Technical Specialists
- Technical Specialists will be required to complete six hours of training during each three-year period
- Highlighted the Training Requirement Considerations
- Animal Waste (AW) Operator Training Currently Offered
- Developing new training courses and the creation of a database
- Highlighted a timetable for the next steps from November 2017 – January 2019
  - Staggered start and on the same 3-year schedule

Chairman Langdon stated with regards to the Commission packets and the January Annual Meeting approaching, staff members should be conscientious of the time to get the packets mailed so the Commissioners have ample time to prepare for the meetings.

**Public Comments:** Mr. Ralston James stated Mr. Dennis Leamon is here from Lucky L Jerseys to answer any questions. Mr. Chester Lowder will have a program after lunch to discuss the state of the Dairy industry in North Carolina.

Commissioner Knox thanked Mr. Bryan Evans for all he has done for the Association. Mr. Evans has some good initiatives for improving our relationship with Legislators and North Carolina Forever and thanked Commissioner Hogan for the new life brought into the Association to get us into the forefront and for the hard work done this past year.

Commissioner Willis thanked Iredell SWCD for hosting the tour and meeting, and noted that it is always an eye-opener when we can visit with farmers outside of Raleigh. It is nice for the staff to get out and see the day-to-day business, and applauds the staff and Mr. Ralston James. Commissioner Willis stated that he would prefer one meeting in Raleigh per year and the rest in other areas of the State.

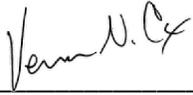
Mr. Jim Summers stated several board members are concerned how an elected person can be forced to be trained, but we are willing to be trained but as supervisors the unknown is worrisome.

Chairman Langdon stated the unanswered questions will be answered and trust the Commission.

Ms. Louise Wooten noted that there could be different options of training.

Chairman Langdon thanked everyone and the Division staff.

**Adjournment:** Meeting adjourned at 11:44 a.m.



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



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Helen Wiklund, Recording Secretary

***These minutes were approved by the North Carolina Soil & Water Conservation Commission on January 7, 2018.***

# Personnel

- **New Hires:**

- Engineer Tech (Mocksville) – Levi Preston (11/29/17)
- Engineer (Fletcher) – Rachel Smith (12/11/17)
- Engineer Tech (Raleigh) – Stewart Satterwhite (12/14/17)
- Engineer (Eastern NC/Raleigh) – Chris Love (1/29/18)
- Engineer Tech (Raleigh): Jason Lee (1/8/18)
- Area Coordinator (Western NC) – Rick McSwain (1/22/18)

- **Vacancies:**

- CREP Survey Tech: Advertise
- Cost Share Admin Asst. II: Advertise
- Program Assistant IV: Interviews Scheduled
- Administrative Asst.(Time-Limited) – Schedule Interviews



# Supervisor Per Diem

- All Withholding Complete – **316**
- Waiver & Complete - **63**
- Submitted w/Missing Information – **45**
- Remainder (State Employees/Vacant/No Response/Refused) - **68**



# Outside Funding Workgroup

- Ad hoc workgroup to address issues related to Districts utilizing non-program funds for Cost Share.
- Review and make recommendations to:
  - Commission Match Policy for Grants.
  - Procedure for Districts to Request Division Involvement in Grant Projects.
- Participants include: Districts with grant experience from across the state, non-profits organizations, and those with experience working with funders.



# Soil and Water Cost Share Rules

- **02 NCAC 59D**
  - Combines all cost share program rules into 59D.
  - Allocation criteria are revised for both Technical and Financial Assistance
- **Comment period ends: January 15, 2018**
- **Comments may be submitted to:**  
Chrissy Waggett, 1001 Mail Service Center, Raleigh, NC 27699-1001 or by email to [christina.waggett@ncagr.gov](mailto:christina.waggett@ncagr.gov)



# Swine Farm Floodplain Easement Grant

- \$2.49 M RCPP grant award announced on 12/20.
- Will be used in combination with up to \$5 M of state matching funds to remove high risk swine farms from the 100 year floodplain.
- More details will be forthcoming over the coming months.
- Start taking applications summer/fall of 2018.

# 216 West Jones Street



NCDA&CS Division of Soil and Water Conservation  
Vernon Cox, Director  
January 7, 2018





## Association Report to the Commission

January 7, 2018

### Conservation Education License Plate

The Association is still collecting applications for a new specialty license plate for North Carolina. We did not make our goal of 500 by this month, but will continue this effort. A new approach of taking an interest application will run through the better part of 2018. Additional information on the plate can be found on the Association website at:



[www.ncaswcd.org/index.php/conservation-education/specialty-conservation-license-plate/](http://www.ncaswcd.org/index.php/conservation-education/specialty-conservation-license-plate/)

### 2018 Legislative Initiative

The Association will be working this year to get greater exposure with the Legislature. We are exploring the option of obtaining 501 (c)5 tax status in addition to our existing 501 (c)3 for our Association which will give us greater flexibility to address legislative needs for soil and water conservation. Executive Director Bryan Evans will be attending meetings of legislative committees to stay abreast of issues and opportunities.

### 2019 North American Envirothon

North Carolina will host the 2019 NA Envirothon mid-summer of 2019. We have a budget set at nearly \$150,000 to provide a great event for participants. The Association is requesting each Conservation District secure a \$1000 donation over the next year to support this event. To date, we have close to \$50,000 in collections and pledges. If you know of a potential sponsor, please make a contact or pass their contact information along to the Association.

### 2019 Annual Meeting

The 2019 Annual meeting will be held back at the Sheraton Imperial January 6-8, 2019. This venue fits our Association well and provides a more centralized location with ease of parking and access. In addition, we are able to have equipment onsite in the parking lot for additional exposure for our vendors.

# Natural Resources Conservation Service

## North Carolina - The Update



### National News

#### Notes from the NRCS National Office

Nothing we do would be possible without partnerships. There is no one entity with enough expertise or resources to tackle the challenges we face alone. Working together we achieve results that could never have been realized on our own. Partnerships across state lines and national borders, across industries and agencies, across the public and private sector will continue to be critical to delivering results for farmers, for conservation and for the American people.

#### 2014-2016 (National):

\$1.9 billion was invested in the implementation of conservation practices through our Conservation Technical Assistance (CTA) program generating \$3 billion in economic activity and supporting 37,500 jobs.

The CTA program helps farmers develop a conservation plan that will help their operation succeed. These plans provide a roadmap for producers, helping them meet both their production and natural resource goals. Our unique ability to offer both financial and technical assistance helps ensure that we can meet the diverse needs of our customers.

It translates into more conservation on the land because we can offer producers not only personalized advice from expert conservationists, but also the means to make those recommendations happen if the producer chooses to move forward. This holistic approach helps us ensure the highest level of customer service while at the same time providing the most conservation return on taxpayer investment.

The father of soil conservation Hugh Hammond Bennett said, *"There is no virtue in planning merely for the sake of planning. Unless plans can be translated into action, planning becomes a profitless mental exercise."*

\$3 billion was invested in new and existing conservation practices through the Conservation Stewardship Program generating \$3 billion in economic activity, supporting 42,800 jobs.

CSP is our "pay-for-performance" program offering farmers reliable economic returns for their conservation investment.



For the Environmental Quality Incentives Program, \$3.5 billion was invested, generating \$4.3 billion in economic activity, supporting 57,000 jobs. EQIP is our flagship financial assistance program for working lands.

For the Agricultural Conservation Easement Program, \$150 million was invested in easements, generating \$189 million in economic activity, supporting 2,300 jobs. ACEP provides assistance to conserve agricultural lands and wetlands and their related benefits.

As we move in to 2018, it is important to remember that it is through strong partnerships, local field office support and the dedication of private land owners that we are able to have such a proactive and positive impact on protecting our natural resources. NRCS looks forward to another productive year of "helping people help the land."



#### Conservation Innovation Grants

\$10 million will be invested for new national projects to help develop and demonstrate cutting-edge ideas to address natural resource conservation challenges on private agricultural and forest lands through Conservation Innovation Grants. Project proposals are due February 26, 2018. Potential applicants should review the announcement of program funding available at [www.grants.gov](http://www.grants.gov), which

**North Carolina  
Natural Resources  
Conservation  
Service**

[WWW.NC.NRCS.USDA.GOV](http://WWW.NC.NRCS.USDA.GOV)



USDA is an equal opportunity provider, employer, and lender.

includes application materials and submission procedures. All U.S.-based entities and individuals are invited to apply, with the sole exception of Federal agencies. Up to 20 percent of CIG funds will be set aside for proposals from historically underserved producers, veteran farmers or ranchers or groups serving these customers. NRCS is hosting a webinar for potential CIG applicants on Jan. 11, 2018, at 4 p.m. Information on the webinar is on the NRCS CIG webpage.

## State News

### Fiscal Year (FY) 2018 Program Quick View (As of 1/2/2018)

#### 2018-(FY) Conservation Stewardship Program (CSP) Renewals

Number of Contracts: 7  
 Technical Assistance Amount: \$112,988  
 Total Acres : 7,874.9 ac.

#### 2018 (FY) Environmental Quality Incentives Program (EQIP)

Number of Eligible Applications: 143  
 Number of Pending Applications: 1,664  
 Total Number of Applications: 1,807  
 Total Financial Assistance (FA): \$20,308,000  
 (NOTE – this does not include RCPP EQIP applications)

#### Awarded Projects for 2018 (FY) Resource Conservation Partnership Program (RCPP)

Project: NC Swine Floodplain Buyout (National)  
 Lead Partner: NC Division of Soil and Water  
 Number of Initial Partners: 7  
 Participating States: North Carolina  
 Proposed NRCS Investment: \$2,490,000

Project: SmithfieldGro: Sustainable Grain Supply Chains (National)  
 Lead Partner: Environmental Defense Fund  
 Number of Initial Partners: 16  
 Participating States: Iowa and North Carolina  
 Proposed NRCS Investment: \$1,080,000

Project: NCSLHPP for 2018 (National)  
 Lead Partner: NC Department of Ag. and Consumer Services  
 Number of Initial Partners: 21  
 Participating States: North Carolina  
 Proposed NRCS Investment : \$7,000,000

Project: Walls River Source Water Protection Project (State)  
 Lead Partner: Mills River Partnership  
 Number of Initial Partners: 11  
 Participating States: North Carolina  
 Proposed NRCS Investment: \$730,000

### Fiscal Year (FY) 2017 Programs In Review

#### Farm Bill Conservation Program

	<u>RCPP</u>	<u>CSP</u>	<u>EQIP</u>	<u>Total</u>
Acres Enrolled	6,605	39,085	63,079	108,742
Financial Assistance	\$961,253	\$440,814	\$20,491,544	\$21,853,611

#### Agricultural Conservation Easement Program (ACEP)

	<u>Program Agreements</u>	<u>Acres Enrolled</u>	<u>Total Funded</u>
ACEP-ALE*	8	843	\$1,825,813
ACEP-WRE*	1	1,927	\$3,072,915
Total	9	2,770	\$4,898,728

\*ALE -Agricultural Land Easement

\*WRE- Wetlands Reserve Easement

#### Wetlands Reserve Program (WRP)

The Wetlands Reserve Program (WRP) was a voluntary program authorized under previous Farm Bills. WRP offered landowners the opportunity to protect, restore, and enhance wetlands on their property. NRCS's goals through WRP were to achieve the greatest wetland functions and values, along with optimum wildlife habitat, on every acre enrolled in the program. Under the new Farm Bill previous easement programs were incorporated in to the Agricultural Land Easement Program.

For Fiscal Year 2018, North Carolina NRCS received approximately \$15 million in financial assistance and \$4 million in technical assistance for six existing WRP Restoration Projects previously approved under WRP. Funds will be used to design and restore these sites. All FY 2018 WRP funds must be obligated by the end of the fiscal year. For more information on WRP and FY 2018 WRP goals, please contact Greg Walker at greg.walker@nc.usda.gov.

**Contacts:**  
 State Conservationist—Timothy Beard  
 (Tel) 919.873.2100  
 State Public Affairs—Stuart Lee  
 (Tel) 919.873.2107  
 (Email) Stuart.Lee@nc.usda.gov





RECEIVED  
OCT 16 2017

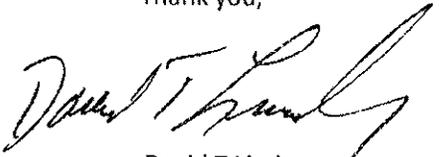
BY: 

Dear Hoke County Soil and Water Supervisors,

Due to my current work schedule I can no longer commit the time necessary to be an effective supervisor. Therefore I am resigning, effective immediately, from the Hoke County Soil and Water Conservation Board.

It has been a pleasure and a privilege to serve with each and every one of you. I wish you much success as you go forward.

Thank you,

  
David T Lindsay



DIVISION OF SOIL AND WATER CONSERVATION  
 North Carolina Department of Agriculture & Consumer Services  
 1614 Mail Service Center • Raleigh, NC 27699-1614  
 919.733.2302 • www.ncagr.gov/swc/

INTERNAL USE ONLY:  
 Appointed/ Elected Seat  
 Current Term: 14-18

**RECOMMENDATION FOR APPOINTMENT OF SUPERVISOR**

Complete and submit online on your district's SharePoint page; keep original for your file

The supervisors of the Johnston Soil and Water Conservation District of Johnston County, North Carolina have recommended the individual listed below for APPOINTMENT as a district supervisor in accordance with N.C.G.S. 139-7 for a term of office commencing 11/1/2017 and ending 12/31/2018 to fill the expired or un-expired term of Tami D. Inumosen 11-2014

Name of nominee: DONALD FREDERIC ROGERS  
 Address of nominee, City, State, Zip: 2040 DOVE LAKE CLAYTON NC 27527  
 Email address of nominee: DANDLROGERS@EMBARQMAIL.COM  
 Home phone: 919-359-1004  
 Mobile phone: 919-219-3462  
 Business phone: 919-219-3462  
 Occupation: RETIRED STATE GOVT - NOW OWNER/INSPECTOR NEDSE RIVER HOME INGT  
 Age: 70  
 Education: BS FORESTRY  
 Positions of leadership NOW held by nominee: \_\_\_\_\_  
 Former occupations or positions of leadership contributing to nominee's qualifications:  
31 YRS ACTIVE FORESTRY CAREER - VARIOUS RESPONSIBILITIES - NC FOREST SERVICE  
 Other pertinent information: FLA FOREST SERVICE

Dates of previous attendance at UNC School of Government training, if applicable: NA  
 Is nominee willing to attend a training session at the UNC School of Government within the first year after appointment? Check for "Yes"   
 Has the nominee been contacted to determine their willingness to serve? Check for "Yes"   
 Has the program and purpose of the soil and water conservation district been explained to the nominee? Check for "Yes"   
 Is the nominee willing to attend and participate in local district meetings? Check for "Yes"   
 Is the nominee willing to attend and participate in Area meetings? Check for "Yes"   
 Is the nominee willing to attend and participate in State meetings? Check for "Yes"

**Signatures**

I hereby certify that the board of supervisors considered the Guiding Principles for Supervisor Nomination for Appointment shown on the reverse of this form and that the above supervisor candidate for nomination. I also certify that this recommendation has been considered and approved by a majority of the members of the board of supervisors and entered in the official minutes of the board.

X [Signature]  
 SWCD Chair (or Vice Chair if Chair is being nominated)  
 Printed name: John M. Langdon

11/14/2017  
 Date

I hereby certify that the above information is true and accurate.

X [Signature]  
 Individual recommended for appointment  
 Printed name: DONALD F. ROGERS

11/27/17  
 Date

September 25, 2017

District Supervisors and Staff  
Johnston County Soil and Water Conservation District  
Smithfield, NC 27577

Dear Fellow Supervisors and Staff,

After much consideration, I find it necessary to resign from my position as a District Supervisor with Johnston County Soil and Water Conservation District. To help ensure a smooth transition, I will remain until a replacement is secured. Please respect a reasonable time period.

David and I are about to begin a new venture for Lazy O Farm and we feel it is in our best interest if I direct my time and energy toward that plan.

It has been a pleasure to work with the staff and board and I am grateful for the opportunity to be part of an exceptional team. I have learned more than I knew there was to learn. Your guidance and encouragement during my time here is very much appreciated. I wish you all the best and I'm sure our paths will cross again.

Sincerely,



Tami Olive Thompson



**DIVISION OF SOIL AND WATER CONSERVATION**  
 North Carolina Department of Agriculture & Consumer Services  
 1614 Mail Service Center • Raleigh, NC 27699-1614  
 919.733.2302 • www.ncagr.gov/swc/

**INTERNAL USE ONLY:**  
 Appointed / Elected Seat  
 Current Term: 14-18

**RECOMMENDATION FOR APPOINTMENT OF SUPERVISOR**

Complete and submit online on your district's SharePoint page; keep original for your file

The supervisors of the Wilson Soil and Water Conservation District of Wilson County, North Carolina have recommended the individual listed below for APPOINTMENT as a district supervisor in accordance with N.C.G.S. 139-7 for a term of office commencing 1/7/2018 and ending 12/31/2018 to fill the expired or un-expired term of David Dwight Batts.

Name of nominee: Adam Gardner  
 Address of nominee, City, State, Zip: 7230 Batts Rd Macclesfield N.C.  
 Email address of nominee: gardnerfarms27952@gmail.com  
 Home phone: (252) 237-1583  
 Mobile phone: (252) 245-4201  
 Business phone: (252) 245-4201  
 Occupation: Farmer  
 Age: 33  
 Education: B.S. Ag Extension  
 Positions of leadership NOW held by nominee: Trustee at Church, Captain of Vol. Fire Dept (Berkman)  
 Former occupations or positions of leadership contributing to nominee's qualifications: Wilson County Young Farmer's President  
 Other pertinent information: \_\_\_\_\_

Dates of previous attendance at UNC School of Government training, if applicable: N/A  
 Is nominee willing to attend a training session at the UNC School of Government within the first year after appointment? Check for "Yes"   
 Has the nominee been contacted to determine their willingness to serve? Check for "Yes"   
 Has the program and purpose of the soil and water conservation district been explained to the nominee? Check for "Yes"   
 Is the nominee willing to attend and participate in local district meetings? Check for "Yes"   
 Is the nominee willing to attend and participate in Area meetings? Check for "Yes"   
 Is the nominee willing to attend and participate in State meetings? Check for "Yes"

**Signatures**

I hereby certify that the board of supervisors considered the Guiding Principles for Supervisor Nomination for Appointment shown on the reverse of this nomination form when selecting the above supervisor candidate for nomination. I also certify that this recommendation has been considered and approved by a majority of the members of the board of supervisors and entered in the official minutes of the board.

X Benny Lunn 12-20-17  
 SWCD Chair (or Vice Chair if Chair is being nominated) Date  
 Printed name: \_\_\_\_\_

I hereby certify that the above information is true and accurate.  
 X Adam Gardner 12/20/17  
 Individual recommended for appointment Date  
 Printed name: Adam Gardner



*The Batts*  
*7259 Batts Road*  
*Macclesfield, NC 27852*

October 7, 2017

Mr. Ricky Hayes, Administrator  
Wilson County Soil and Water Conservation District

Dear Ricky,

I have reached the stage in life where I have been advised to reduce my work load and replace it with some fun and games. Sadly, one of the places I will do this is to step off the District Soil and Water Board of Supervisors, effective immediately. However, our farm will still be available to help with any youth education efforts or forestry tours the district may undertake.

I have thoroughly enjoyed all those with whom I have worked and will remember the many good times we spent together. Those relationships are the most cherished part of this whole learning experience. Judy and I wish you all well and will pray for your continued success in life and this important work.

Sincerely,

A handwritten signature in black ink that reads "D D Batts". The signature is written in a cursive, somewhat stylized font.

David Dwight Batts



**DIVISION OF SOIL AND WATER CONSERVATION**  
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 919.733.2302 • www.ncagr.gov/swc/

INTERNAL USE ONLY:  
 Appointed / **Elected Seat**  
 Current Term: **14 - 18**

**RECOMMENDATION FOR APPOINTMENT OF SUPERVISOR**

Complete and submit online on your district's SharePoint page; keep original for your file

The supervisors of the Yancey Soil and Water Conservation District of Yancey County, North Carolina have recommended the individual listed below for APPOINTMENT as a district supervisor in accordance with N.C.G.S. 139-7 for a term of office commencing Jan-2018 and ending Dec-2018 to fill the expired or un-expired term of T. Russell Fox.

Name of nominee: JAMES M. EDWARDS  
 Address of nominee, City, State, Zip: 102 CARDINAL CREST DR. BURLINGTON, N.C. 28714  
 Email address of nominee: edwardsfarms1078@yahoo.com  
 Home phone: N/A  
 Mobile phone: (828) 208-1078  
 Business phone: \_\_\_\_\_  
 Occupation: WAREHOUSE MANAGER TRACTOR FEED AND FARMS  
 Age: 58  
 Education: B.S.  
 Positions of leadership NOW held by nominee: \_\_\_\_\_  
 Former occupations or positions of leadership contributing to nominee's qualifications: \_\_\_\_\_  
 Other pertinent information: \_\_\_\_\_

Dates of previous attendance at UNC School of Government training, if applicable: \_\_\_\_\_  
 Is nominee willing to attend a training session at the UNC School of Government within the first year after appointment? Check for "Yes"   
 Has the nominee been contacted to determine their willingness to serve? Check for "Yes"   
 Has the program and purpose of the soil and water conservation district been explained to the nominee? Check for "Yes"   
 Is the nominee willing to attend and participate in local district meetings? Check for "Yes"   
 Is the nominee willing to attend and participate in Area meetings? Check for "Yes"   
 Is the nominee willing to attend and participate in State meetings? Check for "Yes"

**Signatures**

I hereby certify that the board of supervisors considered the Guiding Principles for Supervisor Nomination for Appointment shown on the reverse of this nomination form when selecting the above supervisor candidate for nomination. I also certify that this recommendation has been considered and approved by a majority of the members of the board of supervisors and entered in the official minutes of the board.

X Jack Boone 12-5-2017  
 SWCD Chair (or Vice Chair if Chair is being nominated) Date  
 Printed name: JACK BOONE

I hereby certify that the above information is true and accurate.  
 X James M. Edwards 12-5-17  
 Individual recommended for appointment Date  
 Printed name: JAMES M. EDWARDS

This letter serves as my resignation from the Yancey County Soil + Water Conservation. It has been my pleasure to serve the people of Yancey County over the past eight years.

12/5/17

T. Russell Fox

Currently, there are not any supervisor contracts to approve. Contracts that come in after 12/22/2017 will be provided during the Commission Work Session on January 7, 2018.



## Technical Specialist Designation Recommendations

January 07, 2018

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.

Mr. Edward Stephens, Division of Soil and Water Conservation, has requested to be a designated technical specialist for the Wettable Acres category. He has successfully completed the required training and technical proficiency has been verified by DSWC Engineering staff. Therefore, I recommend this designation for approval.

Mrs. Kaitlyn Johnson, Randolph Soil and Water Conservation Environmental Technician, has requested to be designated technical specialist for the Waste Utilization Planning/Nutrient Management and Wettable Acres categories. She has successfully completed the required training and her technical competency has been verified by SWCD Engineering staff. Therefore, I recommend this designation for approval.

The Division requests conditional approval contingent on these individuals completing required training on NC Rules and Regulations Governing Animal Waste Management Systems per 02 NCAC 59G.0104(c)(2)(A).



**SOIL AND WATER CONSERVATION COMMISSION  
COST SHARE PROGRAMS ANNUAL REPORT  
FISCAL YEAR 2017**



The Soil and Water Conservation Commission (Commission) has the statutory responsibility to create, implement and supervise three voluntary, incentive-based conservation programs including the Agriculture Cost Share Program (ACSP), the Community Conservation Assistance Program (CCAP), and the Agricultural Water Resources Assistance Program (AgWRAP). These programs are governed by 02 NCAC 59D and 02 NCAC 59H. Per Session Law 2017-10, this is the first report that consolidates annual reporting for the three programs.

Through these voluntary, incentive-based conservation programs, cooperators are provided educational, technical and financial assistance through their local soil and water conservation districts. The local districts are comprised of 492 elected and appointed district board supervisors, assisted by their staff and partners in natural resource conservation. These partners include technical and professional employees of the soil and water conservation district or county, the U.S. Department of Agriculture's Natural Resources Conservation Service (NRCS), the North Carolina Department of Agriculture and Consumer Services (NCDA&CS), NCDA&CS Division of Soil and Water Conservation (Division), and the North Carolina State University Cooperative Extension Service. Through these partnerships, districts provide the framework for contracting with participants and ensuring the work is performed according to established standards and specifications. The Soil and Water Conservation Commission (SWCC), the governing body of seven members chosen by the local district boards, provides statutory authority and allocates financial resources for these programs according to rules. The Division of Soil and Water Conservation provides administrative and technical support to the local districts, developing the standards of the program approved by the Commission, providing the accounting of funds for program implementation, and providing professional engineering assistance to the local staff. For more information, please refer to Appendix A: Funding and Compliance Process.

For most practices, the amount provided in cost share is based on 75 percent of a predetermined average cost for the practice up to a maximum of \$75,000 per cooperating applicant per year. However, some practices are cost shared on 75 percent of actual cost due to the variable nature of the practice. For ACSP and AgWRAP, farmers who qualify as beginning farmers or limited resource farmers, and farmers participating in an enhanced voluntary agricultural district are eligible to receive up to 90 percent cost share up to a maximum of \$100,000 per year.

Districts spot check a minimum of 5 percent of randomly selected active contracts each year to ensure that practices are being maintained properly. Spot checks for 2017 showed excellent compliance with maintenance requirements by cooperators. When practices are discovered to need additional maintenance, the district is usually able to assist the cooperator to restore the practice to its intended function. Districts follow the Commission's Non-Compliance with Maintenance Requirements for Cost Share Contracts Policy which requires cooperators to repair, re-implement or repay a prorated amount of funds for the practice if it is not functioning as planned or not being operated for its intended use as specified in 02 NCAC 59D .0107 and 02 NCAC 59H .0107. For more information, please refer to Appendix A: Funding and Compliance Process.

Program	Total Funding Requested	FY2017 State Appropriation
Agriculture Cost Share Program	\$18,286,819	\$4,016,998
Community Conservation Assistance Program	\$2,230,853	\$200,000
Agricultural Water Resources Assistance Program	\$6,854,975	\$1,477,500

Current appropriations do not enable districts to meet demand for financial assistance for installing BMPs to protect water quality and improve water resources in North Carolina.

A map of all contracts funded in FY2017 through these three programs can be referenced in Appendix B: Map of FY2017 Contracted BMPs. Additional contract information is available by county in Appendix C: Total Number and Value of FY2017 Contracts by County.

### AGRICULTURE COST SHARE PROGRAM SUMMARY



The North Carolina Agriculture Cost Share Program (ACSP) was authorized by the General Assembly in 1983 to improve water quality associated with agriculture in three nutrient sensitive watersheds covering 16 counties. In 1990, the program was expanded to include 96 soil and water conservation districts (districts) covering all 100 counties across the state. In FY2017, there were 70 approved BMPs in the ACSP. BMPs include both short-term and long-term practices.

In total, the commission allocated \$5,453,355 to districts. In addition to the 2017 appropriation, the commission also had available for allocation (1) funds allocated to districts in 2016 with which districts were unable to execute contracts with cooperators prior to the end of the program year and (2) funds recovered from completed and expired contracts from program years 2014 through 2016. Despite the commission's actions to improve efficiency of the ACSP, districts still must turn away two out of every three farmers requesting cost share assistance due to lack of available funding.

Districts obligated \$5,377,851 of state appropriated cost share funds to 466 contracts with farmers in program year 2017. In addition, the ACSP infrastructure was used to implement conservation practices using several other funding sources. In all, districts obligated \$5,766,836 from all appropriated and grant funds to 658 contracts. Appendix C is a list of 2017 contracts for each county.

### Estimated Water Quality Benefits of ACSP Contracts Initiated in 2017

N.C.G.S 106-850.74(e) requires that each project's benefits to water quality be estimated before funding is awarded. To meet this requirement, the commission chose three indicators of water quality benefits: (1) tons of soil saved, (2) pounds of nitrogen saved or managed, and (3) pounds of phosphorus saved or managed.

Soil savings estimates have been required on all ACSP contracts since the start of the program. Beginning with the 1997 program year, estimates of nitrogen and phosphorus savings were required.

The Division continues to work with the Division of Water Resources, NRCS, and North Carolina State University to improve and refine the methods used to estimate and account for nutrient reductions.

These estimates have allowed the Division to track progress made by agriculture relative to the nutrient reduction requirements in the Neuse, Tar-Pamlico, Jordan Lake and Falls Lake nutrient reduction strategies for agriculture. The ACSP is playing a key role in helping farmers achieve and maintain the nutrient reductions required by these rules.

Between 1984 and 2017 it is estimated that an average of 7 million tons of soil have been saved annually during the life of the program. Also, the program has reduced nitrogen and phosphorus losses from agricultural land by 21 million and 6.5 million pounds per year, respectively.

Currently there are not good scientific tools the agricultural community can use for estimating the benefits for many of important and popular BMPs, such as livestock watering wells and livestock exclusion fencing. Still, these practices are known to improve water quality by reducing livestock dependence upon streams for watering. The Technical Review Committee for the program has formed a conservation effects workgroup to review any new data or potential accounting methods that come available. Another factor impacting benefits is the reduced total number of contracts per year. Fewer contracts are due to the reduced funding for the program and the increase in costs for materials and practices over time.

In fiscal year 2017, the General Assembly also appropriated \$2,448,778 to cost share for technical assistance in local soil and water conservation districts. Local governments provide more than 50 percent match for salaries and operating expenses, including office space and administrative support for these technical assistance positions. This year, the cost share technical assistance program cost shared on 102.6 technical positions in 94 districts in 98 counties to assist farmers in designing and installing BMPs. These state technical assistance cost share funds maintain a local conservation infrastructure and are critical to sustain local county support and funding for local delivery of the program.

#### **AGRICULTURE COST SHARE PROGRAM ACCOMPLISHMENTS**

- 208,025 acres of marginal or environmentally sensitive cropland have been converted to trees, grass or wildlife habitat areas.
- 4,131 waste management practices have been installed to properly store and manage dry and wet animal waste.
- 1,034 mortality management systems have been installed to properly manage livestock mortalities to minimize water quality impacts.
- 4,436 water control structures have been installed improving water management on and reducing nutrient loss from approximately 330,595 acres.
- 1,378 miles of fencing have been erected, in combination with other practices (e.g., watering sources) to exclude livestock from streams.
- 664,269 acres of cropland have been converted to no-till or conservation tillage to reduce sediment loss associated with traditional practices.
- 17,022 acres of forested riparian buffer have been established to reduce nutrient loss from approximately 68,099 acres of cropland.
- 161 chemical handling and management structures have been installed to provide an environmentally safe means for mixing and storing agricultural chemicals.

**COMMUNITY CONSERVATION ASSISTANCE PROGRAM SUMMARY**

Session Law 2006-78 established the Community Conservation Assistance Program (herein referred to as CCAP). The purpose of the program 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.

Currently there are 17 best management practices (BMPs) that CCAP utilizes to address the site-specific natural resource concerns of the applicant. These vary in complexity and cost ranging from stream restoration projects to the closing of abandoned wells. The Commission, based upon a newly adopted rule 02 NCAC 59H .0103 has maximum flexibility now for the allocation of the limited amount of funding available. The Commission may allocate funds at the state, regional, or local district level. For the 2017 fiscal year, the Commission chose to allocate funds regionally (eastern, central, western) based upon a competitive priority ranking process. The Community Conservation Assistance Program Advisory Committee reviewed the ranking parameters, cost-shared BMPs including their standards and specifications, and general program guidance. This independent advisory committee provides review of existing and potential future policies for the program and makes their recommendations to the Commission, which then decides the program guidelines and functionality.

Districts obligated \$244,036 of state appropriated cost share funds to 30 contracts with cooperators in fiscal year 2017. In addition to the 2017 appropriation, the commission also had available for allocation (1) funds allocated to districts in 2016 with which districts were unable to execute contracts with cooperators prior to the end of the program year and (2) funds recovered from completed and expired contracts from program years 2014 through 2016. The CCAP infrastructure was also used to implement conservation practices using several other funding sources. In all, districts obligated \$252,024 from all appropriated and grant funds to 38 contracts. Appendix C is a list of 2017 contracts for each county.

2017 was the first year during the ten-year period of the program that the competitive regional application process was used to distribute funds to the local districts. An equal sum of \$69,362 was provided to each region (total allocation equaling \$244,036 eastern, central, and western). This amount includes the General Assembly allocation along with some funds that were cancelled from previous year contracts. Based on the highest priority rankings for each region, the number of contracts awarded are as follows:

Eastern	7 contracts funded of 18 submitted
Central	16 contracts funded of 16 submitted
Western	7 contracts funded of 15 submitted

Each contract was capped at \$15,000 per contract. Prior to the 2017 fiscal year, individual district allocations were approximately \$4,500. This increase in funding, while limiting the number of contracts awarded, allowed for funding of larger-scale projects. The differences in the number of contracts above indicates the varying strategies each region employed for submission of projects.

**COMMUNITY CONSERVATION ASSISTANCE PROGRAM ACCOMPLISHMENTS**

- 267 abandoned well closures preventing groundwater pollution and contamination.
- 20,957 square feet of backyard rain gardens installed to reduce nutrient and suspended solids runoff.

- ❑ 195 cisterns to reduce volume and velocity flows to adjacent streams and reuse captured runoff water.
- ❑ 41 acres of critical area plantings to control erosion, reducing sediment and nutrient loading.
- ❑ 2.88 acres of grassed swales to eliminate gully erosion that deposits sediments and nutrients directly to watercourses.
- ❑ 4,295 linear feet of marsh sills to eliminate shoreline erosion.
- ❑ 7.1 acres of riparian buffer to reduce sediment and nutrient loading from entering streams by slowing the flow of runoff, dropping sediments before entering the stream and allowing the root system to absorb the attached nutrients.
- ❑ 6.77 acres of stormwater wetlands to capture and treat sediments and nutrients, and to reduce volume and velocity flows into adjacent watercourses.
- ❑ 35,525 linear feet of stream restoration and 23,216 linear feet of streambank and shoreline protection to eliminate direct sedimentation into streams by eliminating bank erosion.

#### AGRICULTURAL WATER RESOURCES ASSISTANCE PROGRAM SUMMARY



The North Carolina Agricultural Water Resources Assistance Program was authorized through Session Law 2011-145, and became effective on July 1, 2011. This program, referred to as AgWRAP, was established to assist farmers and landowners in doing any one or more of the following:

- Identify opportunities to increase water use efficiency, availability and storage;
- Implement best management practices (BMPs) to conserve and protect water resources;
- Increase water use efficiency;
- Increase water storage and availability for agricultural purposes.

Public benefit of this program is achieved by the following:

- Reducing competition for water resources by public users
- Improving the efficient use of water while enabling the industry to produce food, fiber and other agricultural products
- Preparing the agricultural industry to weather future droughts
- Generating and protecting local jobs in agriculture and agribusiness

The Commission allocates funds annually for best management practices at the district level, as well as through statewide and regional application processes. Eligible AgWRAP practices include: agricultural water supply/reuse ponds, agricultural pond repair/retrofits, agricultural pond sediment removals, agricultural water collection and reuse systems, baseflow interceptors (streamside pickups), conservation irrigation conversions, micro-irrigation systems, and water supply wells. In FY2017, the Commission conducted a regional application process (40% of available BMP funding) for agricultural water supply/reuse ponds, agricultural pond repair/retrofits, agricultural water collection and reuse systems, and conservation irrigation system conversions. In addition, the Commission allocated \$959,404 (60% of available BMP funding) to 87 soil and water conservation districts who requested funding for AgWRAP practices using set allocation parameters as specified in the AgWRAP Detailed Implementation Plan.

Districts obligated \$1,682,951 of state appropriated cost share funds to 186 contracts with cooperators in fiscal year 2017. In addition to the 2017 appropriation, the commission also had available for

allocation (1) funds allocated to districts in 2016 with which districts were unable to execute contracts with cooperators prior to the end of the program year and (2) funds recovered from completed and expired contracts from program years 2014 through 2016. Appendix C is a list of 2017 contracts for each county.

**AGRICULTURAL WATER RESOURCES ASSISTANCE PROGRAM ACCOMPLISHMENTS**

- 63 new agricultural water use ponds were installed for water supply for irrigation or livestock watering.
- 43 existing agricultural ponds were repaired, retrofitted or expanded to provide water supply.
- 53 agricultural ponds had sediment removed to increase water storage capacity.
- 236 water supply wells installed to provide a water source for irrigation, livestock and poultry, aquaculture, freeze protection and on-farm processing.
- 29 conservation irrigation system conversions completed to increase water use efficiency and decrease water use.
- 6 baseflow interceptors/streamside pickups to collect and/or store water for agricultural use.
- 3 agricultural water collection and reuse systems were installed for water reuse or irrigation on agricultural operations.

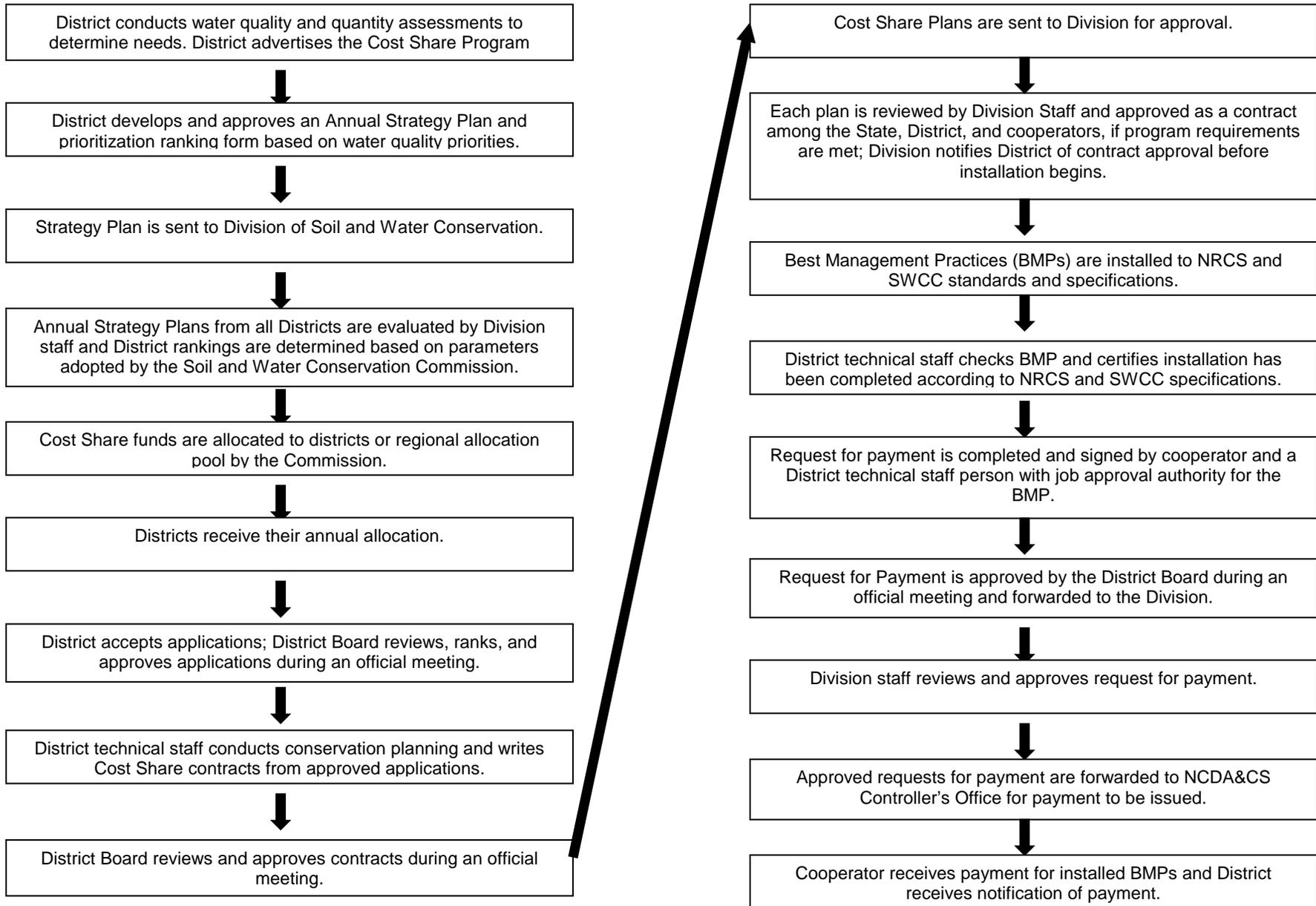
**COST SHARE PROGRAMS CONCLUSIONS**

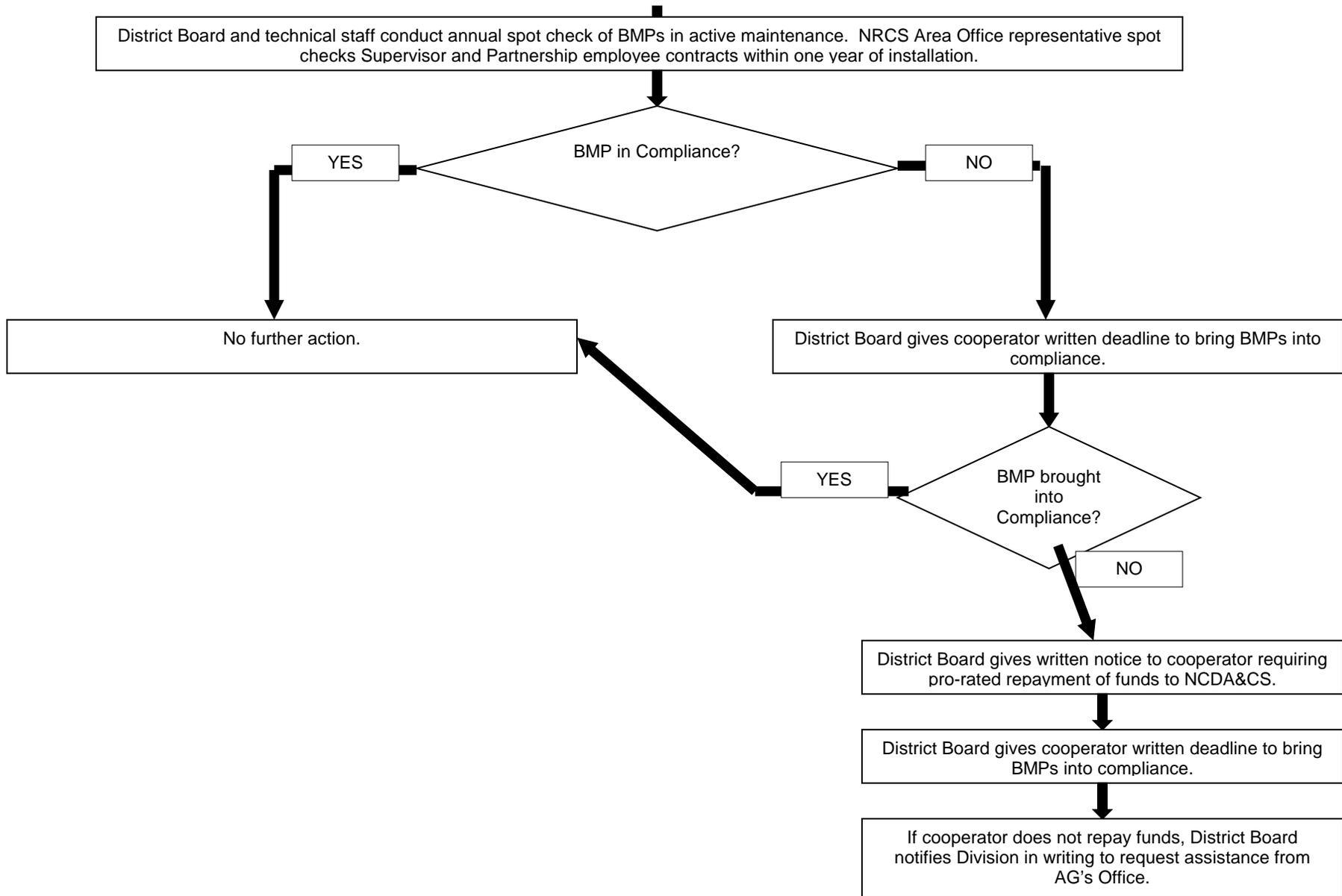
The Commission believes Cost Share Programs are being administered cost-effectively and that considerable water quality and water quantity benefits are being realized for the investment made with state funds. ACSP and AgWRAP aid agricultural operations in making essential water quality and water quantity improvements. The cost of the conservation practices installed through these programs cannot be passed on to the consumer in the price of the food or fiber product. ACSP and AgWRAP thereby contribute both to water resource improvement and to sustaining a strong state agricultural economy. CCAP fills a need with voluntary, incentive-based stormwater retrofits where municipal regulatory programs cannot help individual landowners address water quality problems. Where municipalities are hindered by right-of-way and liability issues, CCAP can offer relief to homeowners and businesses to protect their properties and improve water quality. The Commission continues to emphasize prioritizing, targeting, accountability, leveraging, and adaptability in managing these public funds to further improve the water quality and quantity benefits intended by the General Assembly.

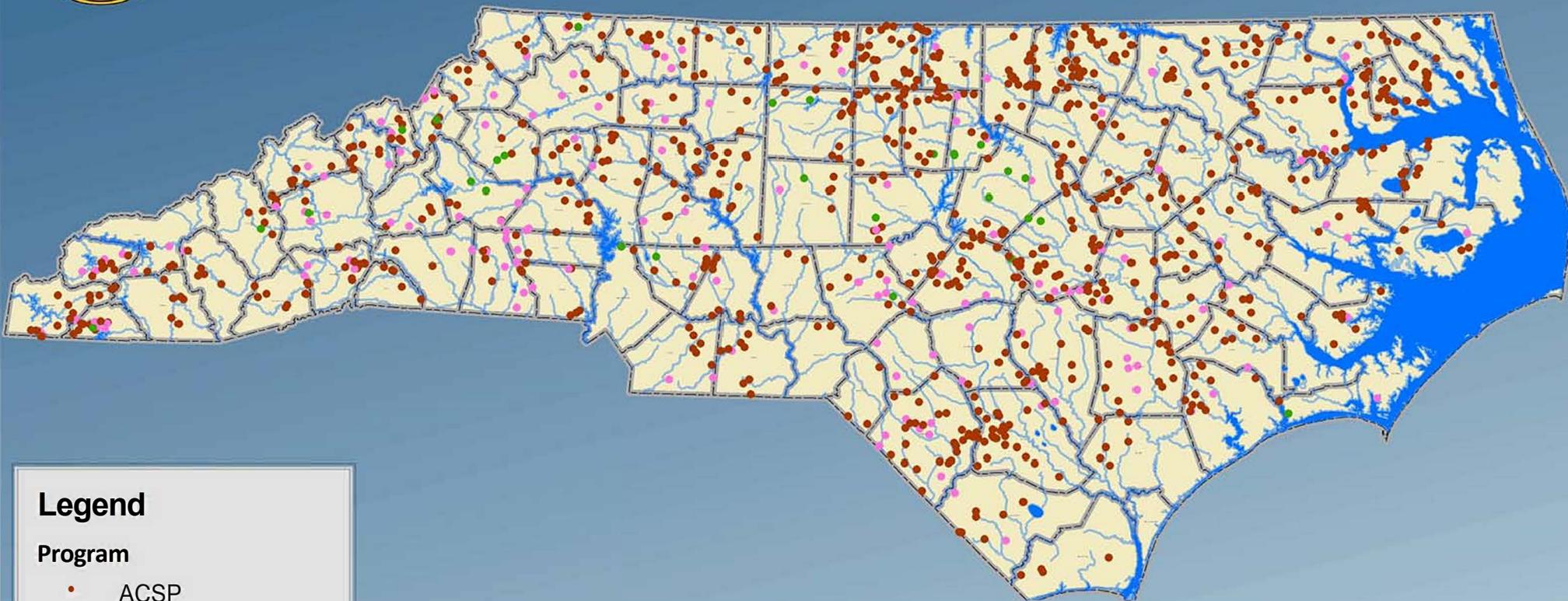
Increased costs of fuel, labor, and materials have significantly impacted the amount of conservation all three programs can implement and the number of cooperators who can be assisted. The Commission has taken actions to improve program efficiencies that have helped to partly offset these impacts in the short-term. ACSP and AgWRAP continue to play a vital role in assisting farmers and ranchers with voluntary water quality protection and water resource improvement and with compliance with state and federal regulatory requirements. CCAP functions as the only program that provides relief to individual property owners that are affected by offsite increased stormwater that state and local watershed-level regulations cannot address. These programs are our state's cornerstone in efforts to support stewardship for the benefit of water quality and quantity and all the citizens of the state of North Carolina.

## Soil and Water Conservation Commission Cost Share Programs

### Funding and Compliance Process





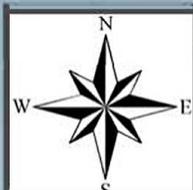


### Legend

#### Program

- ACSP
- AgWRAP
- CCAP

- Major Rivers
- Water Bodies
- County Boundaries



## Soil and Water Conservation Commission Funded Best Management Practices Contracted in 2017

0 20 40 60 Miles



Year 2017

Program Agriculture Cost Share Program (ACSP),  
Community Conservation Assistance  
Program (CCAP), Agricultural Water  
Resources Assistance Program (AgWRAP)

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>County : 00-YANCEY</b>					
<b>00-2017-001</b>	ACSP	Agricultural Road Repair/Stabilization	100	LinFT	\$1,582
		Heavy Use Area Protection	1	EACH	\$1,459
		Livestock Feeding Area	1	EACH	\$4,883
		Watering Tanks (Troughs)	1	EACH	\$1,764
<b>00-2017-002</b>	ACSP	Spring Development	1	EACH	\$467
		Watering Tanks (Troughs)	1	EACH	\$2,185
<b>00-2017-003</b>	ACSP	Livestock Feeding Area	1	EACH	\$6,307
<b>00-2017-004</b>	ACSP	Livestock Feeding Area	1	EACH	\$5,659
<b>00-2017-005</b>		Spring Development	2	EACH	\$822
		Watering Tanks (Troughs)	1	EACH	\$2,011
<b>00-2017-006</b>	ACSP	Agricultural Road Repair/Stabilization	100	LinFT	\$1,450
		Livestock Feeding Area	1	EACH	\$5,659
		Spring Development	2	EACH	\$450
		Watering Tanks (Troughs)	1	EACH	\$2,260
<b>00-2017-007</b>	ACSP	Agricultural Road Repair/Stabilization	225	LinFT	\$3,603
		Livestock Feeding Area	1	EACH	\$5,733
		Spring Development	1	EACH	\$807
		Watering Tanks (Troughs)	1	EACH	\$1,966
<b>00-2017-008</b>	ACSP	Agricultural Road Repair/Stabilization	100	LinFT	\$2,148
		Livestock Exclusion Fencing	325	LinFT	\$790
		Watering Tanks (Troughs)	1	EACH	\$2,485
<b>00-2017-009</b>	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$6,750
<b>00-2017-010</b>	ACSP	Spring Development	2	EACH	\$683
		Watering Tanks (Troughs)	2	EACH	\$6,204
<b>00-2017-012</b>	ACSP	Heavy Use Area Protection	1	EACH	\$1,971
		Livestock Feeding Area	1	EACH	\$1,141
		Stock Trails & Walkways	390	LinFT	\$4,146
		Watering Tanks (Troughs)	1	EACH	\$373
<b>00-2017-801</b>	AgWRAP	Well	1	EACH	\$4,860
<b>00-2017-802</b>	AgWRAP	Well	1	EACH	\$2,640
<b>County : 01-ALAMANCE</b>					
<b>01-2017-001</b>	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	4	ACRE	\$700
<b>01-2017-002</b>	ACSP	Field Border	0.47	ACRE	\$864
		Grassed Waterway	0.43	ACRE	\$971
		Land Smoothing	2	ACRE	\$300
<b>01-2017-003</b>	ACSP	Field Border	0.17	ACRE	\$389
		Grassed Waterway	1.3	ACRE	\$2,745
		Land Smoothing	4	ACRE	\$600
<b>01-2017-004</b>	ACSP	Stream Protection Well	1	EACH	\$9,554
<b>01-2017-005</b>	ACSP	Field Border	0.88	ACRE	\$1,701
		Grassed Waterway	1.03	ACRE	\$1,837

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Land Smoothing		8 ACRE	\$1,200
<b>01-2017-006</b>	ACSP	Cropland Conversion - Trees		4 ACRE	\$435
<b>01-2017-007</b>	ACSP	Field Border		1 ACRE	\$2,027
		Grassed Waterway		0.26 ACRE	\$675
		Land Smoothing		3 ACRE	\$450
<b>01-2017-009</b>	ACSP	Grassed Waterway		0.86 ACRE	\$1,968
		Land Smoothing		5 ACRE	\$750
<b>01-2017-010</b>	ACSP	Cover Crops		27 ACRE	\$1,080
<b>01-2017-011</b>	ACSP	Cover Crops		50 ACRE	\$2,000
<b>01-2017-012</b>	ACSP	Cropland Conversion - Trees		10 ACRE	\$979
<b>01-2017-013</b>	ACSP	Cropland Conversion - Grass		35 ACRE	\$7,875
<b>01-2017-014</b>	ACSP	Cropland Conversion - Grass		33.3 ACRE	\$7,493
<b>01-2017-015</b>	ACSP	Cropland Conversion - Grass		5 ACRE	\$1,125
<b>01-2017-016</b>	ACSP	Cover Crops		50 ACRE	\$1,980
<b>01-2017-017</b>	ACSP	Cover Crops		49.5 ACRE	\$1,980
<b>01-2017-802</b>	AgWRAP	Agricultural Pond Sediment Removal		1 EACH	\$5,000
<b>County : 02-ALEXANDER</b>					
<b>02-2017-001</b>	ACSP	Dry Stack		1 EACH	\$5,463
<b>02-2017-002</b>	ACSP	Waste Application Systems - Mobile		1 EACH	\$10,500
<b>02-2017-003</b>	ACSP	Critical Area Planting		0.5 ACRE	\$1,050
		Stock Trails & Walkways		1465 LinFT	\$35,114
		Watering Tanks (Troughs)		1 EACH	\$1,959
<b>02-2017-004</b>	ACSP	Waste Application Systems - Mobile		1 EACH	\$10,500
<b>02-2017-005</b>	ACSP	Waste Application Systems - Mobile		1 EACH	\$7,880
<b>02-2017-801</b>	AgWRAP	Well		1 EACH	\$7,488
<b>County : 03-ALLEGHANY</b>					
<b>03-2017-001</b>	ACSP	Abandoned Tree Removal		10 ACRE	\$7,250
<b>03-2017-002</b>	ACSP	Stock Trails & Walkways		200 LinFT	\$3,826
		Stream Crossing		3 UNITS	\$14,804
		Watering Tanks (Troughs)		4 EACH	\$12,085
		Stream Protection Well		1 EACH	\$5,413
<b>03-2017-003</b>	ACSP	Critical Area Planting		1 ACRE	\$6,341
		Stream Crossing		1 UNITS	\$1,357
		Watering Tanks (Troughs)		2 EACH	\$4,113
<b>03-2017-501</b>	CCAP	Bioretention areas		400 EACH	\$10,432
<b>03-2017-801</b>	AgWRAP	Well		0.9 EACH	\$2,063
<b>03-2017-802</b>	AgWRAP	Agricultural Pond Sediment Removal		1 EACH	\$5,000
<b>03-2017-803</b>	AgWRAP	Well		1 EACH	\$6,861
<b>County : 04-ANSON</b>					
<b>04-2017-003</b>	ACSP	Livestock Exclusion Fencing		175 LinFT	\$315
	ACSP	Watering Tanks (Troughs)		1 EACH	\$7,281
<b>04-2017-004</b>	ACSP	Livestock Exclusion Fencing		1200 LinFT	\$2,194
		Watering Tanks (Troughs)		1 EACH	\$3,870
		Stream Protection Well		2 EACH	\$2,263
<b>04-2017-005</b>	ACSP	Livestock Mortality Management System - Mortality Incinerator		1 EACH	\$8,631
<b>04-2017-006</b>	ACSP	Dry Stack		1 EACH	\$26,611
<b>04-2017-008</b>	ACSP	Livestock Mortality Management System - Mortality Incinerator		1 EACH	\$12,641
<b>04-2017-011</b>	ACSP	Cropland Conversion - Grass		6 ACRE	\$1,350

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>04-2017-103</b>	ACSP	Livestock Mortality Management System - Mortality Incinerator	1	EACH	\$8,034
<b>04-2017-502</b>	AgWRAP	Well	1	EACH	\$6,074
<b>04-2017-907</b>	ACSP	Feeding/Waste Storage Structure	1	EACH	\$54
		Livestock Exclusion Fencing	2301	LinFT	\$5,700
		Watering Tanks (Troughs)	4	EACH	\$11,940
		Stream Protection Well	1	EACH	\$6,585
<b>County : 05-ASHE</b>					
<b>05-2017-001</b>	ACSP	Watering Tanks (Troughs)	5	EACH	\$10,886
<b>05-2017-002</b>	ACSP	Livestock Exclusion Fencing	2400	LinFT	\$4,503
		Watering Tanks (Troughs)	5	EACH	\$17,040
		Stream Protection Well	1	EACH	\$3,560
<b>05-2017-003</b>	ACSP	Livestock Exclusion Fencing	1011	LinFT	\$2,651
		Stream Crossing	1	UNITS	\$1,367
		Watering Tanks (Troughs)	5	EACH	\$15,543
		Stream Protection Well	1	EACH	\$2,780
<b>05-2017-004</b>	ACSP	Livestock Exclusion Fencing	650	LinFT	\$1,580
		Watering Tanks (Troughs)	1	EACH	\$3,190
		Stream Protection Well	1	EACH	\$5,207
<b>05-2017-801</b>	AgWRAP	Well	1	EACH	\$7,986
<b>County : 06-AVERY</b>					
<b>06-2017-001</b>	ACSP	Agrichemical Handling Facility	1	EACH	\$10,963
<b>06-2017-002</b>	ACSP	Cropland Conversion - Grass	20	ACRE	\$4,343
		Abandoned Tree Removal	11.2	ACRE	\$5,700
<b>06-2017-003</b>	ACSP	Heavy Use Area Protection	1	EACH	\$2,354
		Livestock Exclusion Fencing	250	LinFT	\$450
		Stream Protection Well	1	EACH	\$6,510
<b>06-2017-004</b>	ACSP	Cropland Conversion - Grass	2.5	ACRE	\$563
		Abandoned Tree Removal	2	ACRE	\$1,000
<b>06-2017-005</b>	ACSP	Conservation Cover	50	ACRE	\$7,875
<b>06-2017-006</b>	ACSP	Abandoned Tree Removal	12.5	ACRE	\$9,288
<b>06-2017-501</b>	CCAP	Stormwater wetlands	1	EACH	\$15,000
<b>06-2017-801</b>	AgWRAP	Well	1	EACH	\$4,500
<b>06-2017-802</b>	AgWRAP	Well	1	EACH	\$8,250
<b>County : 07-BEAUFORT</b>					
<b>07-2017-004</b>	ACSP	Waste Treatment Lagoon	1	EACH	\$7,334
<b>07-2017-787</b>	ACSP	Water Control Structure	1	EACH	\$10,806
		Cover Crops	55.6	ACRE	\$2,223
		Land Smoothing	50	ACRE	\$9,375
<b>07-2017-788</b>	ACSP	Land Smoothing	50	ACRE	\$9,375
		Three Year Conservation Tillage for Grain and Cotton	60.23	ACRE	\$3,614
<b>07-2017-789</b>	ACSP	Land Smoothing	26.3	ACRE	\$4,931
		Three Year Conservation Tillage for Grain and Cotton	26.3	ACRE	\$1,577
<b>07-2017-790</b>	ACSP	Land Smoothing	8.71	ACRE	\$1,307
		Three Year Conservation Tillage for Grain and Cotton	8.71	ACRE	\$523
<b>07-2017-791</b>	ACSP	Water Control Structure	1	EACH	\$3,364
		Lagoon Biosolids Removal Incentive	5862	100 GALLONS	\$11,724

	Program	Best Management Practice	Planned	Unit	Planned Cost
07-2017-792	ACSP	Livestock Exclusion Fencing	3500	LinFT	\$3,150
07-2017-793	AgWRAP	Well	1	EACH	\$4,472
07-2017-794	AgWRAP	Well	1	EACH	\$4,472
<b>County : 08-BERTIE</b>					
08-2017-001	ACSP	Field Border	4.4	ACRE	\$10,230
		Grassed Waterway	1.14	ACRE	\$3,508
08-2017-002	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	4	ACRE	\$10,675
08-2017-003	ACSP	Field Border	4.61	ACRE	\$12,275
08-2017-004	ACSP	Agricultural Road Repair/Stabilization	600	LinFT	\$1,689
08-2017-100	ACSP	Cropland Conversion - Trees	29.1	ACRE	\$5,897
08-2017-200	AgWRAP	Ag Water Collection System	1	EACH	\$25,000
08-2017-214	ACSP	Non-Field Farm Road Repair	1	EACH	\$3,986
08-2017-500	ACSP	Non-Field Farm Road Repair	1	EACH	\$917
08-2017-501	ACSP	Non-Field Farm Road Repair	1	EACH	\$1,002
08-2017-502	ACSP	Non-Field Farm Road Repair	1	EACH	\$2,376
08-2017-503	ACSP	Non-Field Farm Road Repair	1	EACH	\$1,124
08-2017-504	ACSP	Non-Field Farm Road Repair	1	EACH	\$668
08-2017-505	ACSP	Non-Field Farm Road Repair	2	EACH	\$1,505
08-2017-506	ACSP	Non-Field Farm Road Repair	1	EACH	\$749
08-2017-507	ACSP	Non-Field Farm Road Repair	1	EACH	\$1,202
08-2017-508	ACSP	Non-Field Farm Road Repair	1	EACH	\$6,265
08-2017-509	ACSP	Non-Field Farm Road Repair	1	EACH	\$2,243
08-2017-510	ACSP	Non-Field Farm Road Repair	1	EACH	\$2,142
08-2017-511	ACSP	Non-Field Farm Road Repair	1	EACH	\$2,558
08-2017-512	ACSP	Non-Field Farm Road Repair	1	EACH	\$6,160
08-2017-513	ACSP	Non-Field Farm Road Repair	1	EACH	\$1,127
<b>County : 09-BLADEN</b>					
09-2017-001	ACSP	Conservation Cover	15.1	ACRE	\$604
		Cover Crops	44	ACRE	\$1,156
09-2017-002	ACSP	Cover Crops	218.4	ACRE	\$8,736
09-2017-003	ACSP	Cover Crops	163.7	ACRE	\$6,548
09-2017-004	ACSP	Cover Crops	118.5	ACRE	\$4,740
09-2017-005	ACSP	Cropland Conversion - Grass	6	ACRE	\$1,350
09-2017-006	ACSP	Cropland Conversion - Grass	9.72	ACRE	\$2,187
09-2017-007	ACSP	Cropland Conversion - Grass	7.2	ACRE	\$1,620
09-2017-008	ACSP	Cropland Conversion - Grass	16.21	ACRE	\$3,648
09-2017-009	ACSP	Cropland Conversion - Grass	19.09	ACRE	\$4,296
09-2017-010	ACSP	Cropland Conversion - Grass	8.29	ACRE	\$1,866
09-2017-011	ACSP	Cropland Conversion - Grass	12.2	ACRE	\$2,745
09-2017-012	ACSP	Cropland Conversion - Grass	69.26	ACRE	\$6,958
09-2017-013	ACSP	Cropland Conversion - Grass	8.1	ACRE	\$1,823
09-2017-100	ACSP	Critical Area Planting	1.5	ACRE	\$3,526
09-2017-101	ACSP	Critical Area Planting	0.2	ACRE	\$1,963
09-2017-102	ACSP	Critical Area Planting	0.5	ACRE	\$3,019
09-2017-103	ACSP	Agricultural Road Repair/Stabilization	100	LinFT	\$10,041
09-2017-104	ACSP	Critical Area Planting	0.5	ACRE	\$2,174
09-2017-106	ACSP	Agricultural Road Repair/Stabilization	300	LinFT	\$12,026
09-2017-107	ACSP	Agricultural Road Repair/Stabilization	500	LinFT	\$30,330
09-2017-108	ACSP	Critical Area Planting	1	ACRE	\$3,198
09-2017-110	ACSP	Agricultural Road Repair/Stabilization	500	LinFT	\$2,237

	Program	Best Management Practice	Planned	Unit	Planned Cost
09-2017-112	ACSP	Agricultural Road Repair/Stabilization	50	LinFT	\$5,397
09-2017-113	ACSP	Agricultural Road Repair/Stabilization	200	LinFT	\$2,029
09-2017-114	ACSP	Agricultural Road Repair/Stabilization	50	LinFT	\$6,760
09-2017-801	AgWRAP	Well	2	EACH	\$11,775
09-2017-802	AgWRAP	Well	1	EACH	\$3,915
		Ag Water Collection System	1	EACH	\$2,000
09-2017-803	AgWRAP	Well	1	EACH	\$6,315
<b>County : 10-BRUNSWICK</b>					
10-2017-002	ACSP	Cropland Conversion - Grass	21.5	ACRE	\$4,658
10-2017-003	ACSP	Long-Term No-till	164.9	ACRE	\$24,735
10-2017-004	ACSP	Long-Term No-till	7.8	ACRE	\$6,525
<b>County : 11-BUNCOMBE</b>					
11-2017-001	ACSP	Heavy Use Area Protection	1	EACH	\$744
11-2017-002	ACSP	Stream Restoration	1	LinFT	\$30,000
		Critical Area Planting	0.75	ACRE	\$2,890
		Heavy Use Area Protection	1	EACH	\$913
		Livestock Exclusion Fencing	3600	LinFT	\$8,748
11-2017-003	ACSP	Livestock Exclusion Fencing	1750	LinFT	\$11,747
11-2017-004	ACSP	Livestock Feeding Area	81.5	EACH	\$1,895
11-2017-005	ACSP	Livestock Exclusion Fencing	600	LinFT	\$4,286
11-2017-007	ACSP	Stream Restoration	100	LinFT	\$12,786
11-2017-501	CCAP	Critical area planting	6000	SqFt	\$1,283
		Bioretention areas	1	EACH	\$8,348
11-2017-801	AgWRAP	Well	667	EACH	\$9,266
11-2017-802	AgWRAP	Agriculture Pond Repair/Retrofit	1	EACH	\$30,001
11-2017-803	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$29,999
11-2017-804	AgWRAP	Ag Water Collection System	1	EACH	\$1,878
<b>County : 12-BURKE</b>					
12-2017-001	ACSP	Rock-lined Outlet	40	EACH	\$2,157
		Rooftop Runoff Management System	1	EACH	\$2,995
		Critical Area Planting	7	ACRE	\$7,461
12-2017-002	ACSP	Critical Area Planting	0.5	ACRE	\$2,285
		Livestock Exclusion Fencing	2048	LinFT	\$4,977
		Stream Crossing	1	UNITS	\$3,868
		Watering Tanks (Troughs)	1	EACH	\$2,061
12-2017-003	ACSP	Critical Area Planting	0.1	ACRE	\$211
		Livestock Exclusion Fencing	1788	LinFT	\$5,393
		Stock Trails & Walkways	200	LinFT	\$9,377
		Watering Tanks (Troughs)	3	EACH	\$9,825
12-2017-501	CCAP	Structural Stormwater Conveyance	1	EACH	\$6,000
12-2017-502	CCAP	Structural Stormwater Conveyance	1	EACH	\$10,833
12-2017-801	AgWRAP	Well	1	EACH	\$8,750
12-2017-802	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$25,000
12-2017-803	AgWRAP	Well	1	EACH	\$8,750
12-2017-804	AgWRAP	Well	1	EACH	\$8,750
<b>County : 13-CABARRUS</b>					
13-2017-001	ACSP	Heavy Use Area Protection	1	EACH	\$4,722
13-2017-002	ACSP	Prescribed Grazing	132.6	ACRE	\$11,934

	Program	Best Management Practice	Planned	Unit	Planned Cost
13-2017-003	ACSP	Streambank and Shoreline Protection	225	LinFT	\$7,447
		Stream Restoration	280	LinFT	\$4,419
13-2017-004	ACSP	Livestock Exclusion Fencing	995	LinFT	\$2,149
		Watering Tanks (Troughs)	2	EACH	\$3,780
		Stream Protection Well	1	EACH	\$4,119
13-2017-006	ACSP	Heavy Use Area Protection	2	EACH	\$4,034
		Livestock Exclusion Fencing	2140	LinFT	\$3,852
		Stream Protection Well	1	EACH	\$9,605
13-2017-007	ACSP	Streambank and Shoreline Protection	350	LinFT	\$12,313
13-2017-501	CCAP	Diversion	120	LinFT	\$1,199
		Structural Stormwater Conveyance	1	EACH	\$4,000
13-2017-801	AgWRAP	Well	1	EACH	\$6,263
13-2017-802	AgWRAP	Well	1	EACH	\$2,467
<b>County : 14-CALDWELL</b>					
14-2017-001	ACSP	Dry Stack	67	EACH	\$379
14-2017-002	ACSP	Livestock Exclusion Fencing	5509	LinFT	\$5,972
		Spring Development	1	EACH	\$1,647
		Stock Trails & Walkways	200	LinFT	\$2,215
		Watering Tanks (Troughs)	1	EACH	\$5,372
14-2017-004	ACSP	Streambank and Shoreline Protection	200	LinFT	\$20,328
14-2017-005	ACSP	Cover Crops	138.6	ACRE	\$6,172
14-2017-006	ACSP	Streambank and Shoreline Protection	290	LinFT	\$15,688
14-2017-501	CCAP	Streambank and shoreline protection	150	LinFT	\$1,000
14-2017-502	CCAP	Streambank and shoreline protection	520	LinFT	\$563
14-2017-801	AgWRAP	Well	1	EACH	\$7,499
<b>County : 15-CAMDEN</b>					
15-2017-001	ACSP	Land Smoothing	71.6	ACRE	\$10,740
15-2017-002	ACSP	Cover Crops	140.2	ACRE	\$5,608
15-2017-003	ACSP	Cover Crops	78.8	ACRE	\$3,152
15-2017-004	ACSP	Nutrient Management	18.6	ACRE	\$16,208
<b>County : 16-CARTERET</b>					
16-2017-001	ACSP	Crop Residue Management	227	ACRE	\$3,402
16-2017-002	ACSP	Crop Residue Management	189	ACRE	\$2,834
16-2017-003	ACSP	Crop Residue Management	270.92	ACRE	\$4,055
16-2017-500	CCAP	Permeable pavement	1800	SqFt	\$15,000
16-2017-501	CCAP	Marsh sills	200	LinFT	\$5,000
16-2017-801	AgWRAP	Well	1	EACH	\$4,500
<b>County : 17-CASWELL</b>					
17-2017-001	ACSP	Livestock Exclusion Fencing	889	LinFT	\$1,600
17-2017-002	ACSP	Critical Area Planting	1.89	ACRE	\$5,104
17-2017-003	ACSP	Grassed Waterway	1	ACRE	\$1,203
17-2017-004	ACSP	Grassed Waterway	14	ACRE	\$1,533
17-2017-005	ACSP	Field Border	1.05	ACRE	\$2,879
		Critical Area Planting	1.01	ACRE	\$2,727
17-2017-006	ACSP	Field Border	2.31	ACRE	\$6,237
17-2017-007	ACSP	Pastureland Conversion	7	ACRE	\$0
17-2017-008	ACSP	Cropland Conversion - Trees	10	ACRE	\$653
17-2017-009	ACSP	Cropland Conversion - Trees	4	ACRE	\$409
17-2017-010	ACSP	Field Border	0.74	ACRE	\$3,861

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Critical Area Planting	0.76	ACRE	\$1,837
17-2017-011	ACSP	Cropland Conversion - Grass	8	ACRE	\$1,800
17-2017-012	ACSP	Cropland Conversion - Trees	13.68	ACRE	\$1,597
17-2017-013	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	12	ACRE	\$1,859
17-2017-016	ACSP	Field Border	0.91	ACRE	\$3,861
		Critical Area Planting	1.25	ACRE	\$1,134
17-2017-017	ACSP	Field Border	1.08	ACRE	\$2,917
		Critical Area Planting	1.21	ACRE	\$3,270
		Diversion	1719	LinFT	\$2,226
17-2017-018	ACSP	Field Border	0.89	ACRE	\$2,403
		Critical Area Planting	3.1	ACRE	\$8,371
17-2017-019	ACSP	Field Border	0.39	ACRE	\$1,053
		Critical Area Planting	0.34	ACRE	\$918
17-2017-020	ACSP	Field Border	0.53	ACRE	\$1,213
		Critical Area Planting	0.08	ACRE	\$183
17-2017-021	ACSP	Field Border	0.32	ACRE	\$864
		Critical Area Planting	0.7	ACRE	\$1,891
17-2017-022	ACSP	Critical Area Planting	1	ACRE	\$2,701
17-2017-023	ACSP	Critical Area Planting	0.43	ACRE	\$983
17-2017-024	ACSP	Cropland Conversion - Trees	7	ACRE	\$544
17-2017-025	ACSP	Cropland Conversion - Trees	4	ACRE	\$326
17-2017-026	ACSP	Cropland Conversion - Trees	6	ACRE	\$544
17-2017-027	ACSP	Field Border	1.68	ACRE	\$6,750
		Critical Area Planting	0.34	ACRE	\$864
17-2017-028	ACSP	Field Border	0.36	ACRE	\$973
		Critical Area Planting	0.7	ACRE	\$1,944
17-2017-029	ACSP	Cropland Conversion - Trees	15	ACRE	\$2,175
17-2017-030	ACSP	Cropland Conversion - Trees	12	ACRE	\$979
<b>County : 18-CATAWBA</b>					
18-2017-001	ACSP	Heavy Use Area Protection	1	EACH	\$801
		Livestock Exclusion Fencing	750	LinFT	\$1,395
		Watering Tanks (Troughs)	2	EACH	\$4,018
		Stream Protection Well	1	EACH	\$7,138
18-2017-002	ACSP	Heavy Use Area Protection	1	EACH	\$433
		Livestock Exclusion Fencing	650	LinFT	\$1,733
		Watering Tanks (Troughs)	2	EACH	\$1,200
		Stream Protection Well	1	EACH	\$5,432
18-2017-004	ACSP	Filter Strip	0.02	ACRE	\$409
		Heavy Use Area Protection	1	EACH	\$913
		Livestock Feeding Area	1	EACH	\$7,563
18-2017-006	ACSP	Terrace	1565	LinFT	\$3,871
18-2017-007	ACSP	Stream Crossing	1	UNITS	\$1,990
18-2017-008	ACSP	Rock-lined Outlet	1	EACH	\$2,144
18-2017-009	ACSP	Livestock Exclusion Fencing	2630	LinFT	\$6,391
		Watering Tanks (Troughs)	4	EACH	\$4,404
18-2017-010	ACSP	Stream Crossing	1	UNITS	\$1,169
18-2017-801	AgWRAP	Well	1	EACH	\$4,711
18-2017-802	AgWRAP	Well	1	EACH	\$9,098
18-2017-803	AgWRAP	Well	1	EACH	\$4,365
<b>County : 19-CHATHAM</b>					

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>19-2017-001</b>	ACSP	Heavy Use Area Protection	4	EACH	\$1,865
		Livestock Exclusion Fencing	850	LinFT	\$1,563
		Watering Tanks (Troughs)	4	EACH	\$5,187
		Stream Protection Well	1	EACH	\$13,177
<b>19-2017-002</b>	ACSP	Livestock Exclusion Fencing	950	LinFT	\$1,788
		Watering Tanks (Troughs)	1	EACH	\$2,223
<b>19-2017-003</b>	ACSP	Waste Application Systems - Mobile	1	EACH	\$10,500
<b>19-2017-004</b>	ACSP	Filter Strip	0.3	ACRE	\$1,018
		Heavy Use Area Protection	0	EACH	\$733
		Livestock Feeding Area	1	EACH	\$6,075
<b>19-2017-005</b>	ACSP	Grassed Waterway	0.25	ACRE	\$2,098
<b>19-2017-006</b>	ACSP	Heavy Use Area Protection	2	EACH	\$933
		Livestock Exclusion Fencing	1100	LinFT	\$2,161
		Watering Tanks (Troughs)	2	EACH	\$5,800
<b>19-2017-009</b>	ACSP	Cover Crops	1.3	ACRE	\$3,000
<b>19-2017-010</b>	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$10,500
<b>19-2017-501</b>	CCAP	Abandoned well closure	1	EACH	\$1,275
<b>19-2017-801</b>	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$25,000
<b>19-2017-803</b>	AgWRAP	Well	1	EACH	\$9,803
<b>19-2017-804</b>	AgWRAP	Well	1	EACH	\$8,400
<b>County : 20-CHEROKEE</b>					
<b>20-2017-001</b>	ACSP	Livestock Exclusion Fencing	425	LinFT	\$1,033
		Watering Tanks (Troughs)	1	EACH	\$1,960
<b>20-2017-002</b>	ACSP	Livestock Exclusion Fencing	535	LinFT	\$1,300
		Watering Tanks (Troughs)	1	EACH	\$1,446
<b>20-2017-003</b>	ACSP	Agricultural Road Repair/Stabilization	200	LinFT	\$3,408
<b>20-2017-004</b>	ACSP	Heavy Use Area Protection	350	EACH	\$4,245
		Livestock Exclusion Fencing	1225	LinFT	\$2,977
<b>20-2017-005</b>	ACSP	Watering Tanks (Troughs)	2	EACH	\$4,113
<b>20-2017-006</b>	ACSP	Agricultural Road Repair/Stabilization	1	LinFT	\$5,166
		Stream Crossing	1	UNITS	\$781
<b>20-2017-007</b>	ACSP	Agricultural Road Repair/Stabilization	560	LinFT	\$6,199
<b>20-2017-008</b>	ACSP	Livestock Exclusion Fencing	280	LinFT	\$883
<b>20-2017-009</b>	ACSP	Stream Protection Well	1	EACH	\$4,101
<b>20-2017-010</b>	ACSP	Heavy Use Area Protection	1	EACH	\$1,870
<b>20-2017-011</b>	ACSP	Livestock Exclusion Fencing	850	LinFT	\$2,066
		Watering Tanks (Troughs)	2	EACH	\$3,652
		Stream Protection Well	1	EACH	\$3,884
<b>20-2017-012</b>	ACSP	Livestock Exclusion Fencing	1610	LinFT	\$2,995
<b>20-2017-013</b>	ACSP	Livestock Exclusion Fencing	676	LinFT	\$1,258
<b>20-2017-014</b>	ACSP	Stream Crossing	1	UNITS	\$1,282
<b>20-2017-015</b>	ACSP	Livestock Feeding Area	1	EACH	\$2,083
<b>20-2017-016</b>	ACSP	Heavy Use Area Protection	1	EACH	\$2,647
<b>20-2017-801</b>	AgWRAP	District BMP- Micro-Irrigation System	1	EACH	\$1,009
<b>20-2017-802</b>	AgWRAP	Well	1	EACH	\$6,250
<b>County : 21-CHOWAN</b>					
<b>21-2017-001</b>	ACSP	Precision Nutrient Management	164.4	ACRE	\$2,467
<b>21-2017-002</b>	ACSP	Precision Nutrient Management	278.4	ACRE	\$4,177
<b>21-2017-003</b>	ACSP	Precision Nutrient Management	587.2	ACRE	\$8,584

	Program	Best Management Practice	Planned	Unit	Planned Cost
21-2017-004	ACSP	Crop Residue Management	236	ACRE	\$3,000
21-2017-005	ACSP	Land Smoothing	29.4	ACRE	\$5,000
21-2017-006	ACSP	Land Smoothing	20	ACRE	\$3,750
21-2017-007	ACSP	Cover Crops	147.1	ACRE	\$2,942
21-2017-008	ACSP	Dry Stack	1	EACH	\$6,351
21-2017-009	ACSP	Dry Stack	1	EACH	\$6,345
21-2017-100	ACSP	Cover Crops	200	ACRE	\$4,000
21-2017-800	AgWRAP	Agricultural Pond Sediment Removal	1	EACH	\$2,316
<b>County : 22-CLAY</b>					
22-2017-001	ACSP	Grassed Waterway	0.5	ACRE	\$2,982
22-2017-002	ACSP	Pasture Renovation	5	ACRE	\$1,500
22-2017-003	ACSP	Heavy Use Area Protection	2	EACH	\$850
		Livestock Exclusion Fencing	600	LinFT	\$1,051
		Watering Tanks (Troughs)	2	EACH	\$3,281
22-2017-004	ACSP	Watering Tanks (Troughs)	1	EACH	\$3,676
22-2017-005	ACSP	Chemigation Backflow Prevention	2	EACH	\$3,000
22-2017-006	ACSP	Pasture Renovation	10	ACRE	\$3,000
		Livestock Exclusion Fencing	1750	LinFT	\$4,253
		Watering Tanks (Troughs)	2	EACH	\$3,510
		Stream Protection Well	1	EACH	\$5,052
22-2017-007	ACSP	Watering Tanks (Troughs)	1	EACH	\$1,397
		Stream Protection Well	1	EACH	\$6,163
22-2017-008	ACSP	Watering Tanks (Troughs)	1	EACH	\$776
		Stream Protection Well	1	EACH	\$3,492
22-2017-009	ACSP	Livestock Exclusion Fencing	1800	LinFT	\$4,374
22-2017-010	ACSP	Stream Crossing	1	UNITS	\$5,508
22-2017-011	ACSP	Stream Restoration	1	LinFT	\$563
22-2017-501	CCAP	Backyard rain garden	1775	EACH	\$1,997
22-2017-801	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$25,000
22-2017-802	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$25,000
22-2017-803	AgWRAP	Micro-Irrigation System	1800	ACRE	\$7,344
22-2017-804	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$25,000
<b>County : 23-CLEVELAND</b>					
23-2017-001	AgWRAP	Ag Water Collection System	1	EACH	\$25,000
23-2017-002	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$25,000
23-2017-003	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$25,000
23-2017-801	ACSP	Heavy Use Area Protection	2	EACH	\$1,146
		Livestock Exclusion Fencing	200	LinFT	\$402
		Watering Tanks (Troughs)	2	EACH	\$9,311
23-2017-802	ACSP	Heavy Use Area Protection	6	EACH	\$3,438
		Livestock Exclusion Fencing	2000	LinFT	\$7,290
		Watering Tanks (Troughs)	6	EACH	\$9,160
		Stream Protection Well	1	EACH	\$5,900
23-2017-803	ACSP	Heavy Use Area Protection	3	EACH	\$1,719
		Livestock Exclusion Fencing	500	LinFT	\$1,199
		Watering Tanks (Troughs)	3	EACH	\$5,051
		Stream Protection Well	1	EACH	\$5,900

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>23-2017-804</b>	AgWRAP	Well	1	EACH	\$765
		Ag Water Collection System	1	EACH	\$3,900
<b>23-2017-805</b>	ACSP	Grassed Waterway	2.3	ACRE	\$10,005
<b>23-2017-806</b>	AgWRAP	Well	1	EACH	\$6,000
<b>County : 24-COLUMBUS</b>					
<b>24-2017-002</b>	ACSP	Cropland Conversion - Grass	16.2	ACRE	\$4,374
<b>24-2017-004</b>	ACSP	Grade Stabilization Structure	1	EACH	\$15,000
<b>24-2017-006</b>	ACSP	Cropland Conversion - Grass	3.3	ACRE	\$891
<b>24-2017-007</b>	ACSP	Cropland Conversion - Grass	9.7	ACRE	\$2,619
<b>24-2017-008</b>	ACSP	Cropland Conversion - Grass	13.5	ACRE	\$3,645
<b>24-2017-010</b>	ACSP	Long-Term No-till	100	ACRE	\$15,000
<b>24-2017-011</b>	ACSP	Long-Term No-till	93	ACRE	\$13,950
<b>24-2017-012</b>	ACSP	Stream Protection Well	1	EACH	\$5,230
<b>24-2017-801</b>	AgWRAP	Well	1	EACH	\$6,183
<b>24-2017-802</b>	AgWRAP	Agriculture Pond Repair/Retrofit	1	EACH	\$0
<b>County : 25-CRAVEN</b>					
<b>25-2017-001</b>	ACSP	Cropland Conversion - Trees	11.96	ACRE	\$2,381
<b>25-2017-002</b>	ACSP	Cover Crops	43.15	ACRE	\$1,718
<b>25-2017-003</b>	ACSP	Precision Nutrient Management	999.81	ACRE	\$14,998
		Cover Crops	368.15	ACRE	\$14,725
		Precision Agrichemical Application	1	EACH	\$2,400
<b>25-2017-004</b>	ACSP	Water Control Structure	1	EACH	\$5,335
<b>25-2017-009</b>	ACSP	Cropland Conversion - Trees	4.54	ACRE	\$896
<b>25-2017-010</b>	ACSP	Cropland Conversion - Trees	1.25	ACRE	\$152
<b>25-2017-802</b>	AgWRAP	Well	1	EACH	\$6,615
<b>County : 26-CUMBERLAND</b>					
<b>26-2017-001</b>	ACSP	Cover Crops	125	ACRE	\$5,000
<b>26-2017-003</b>	ACSP	Cover Crops	125	ACRE	\$4,860
<b>26-2017-004</b>	ACSP	Cover Crops	125	ACRE	\$5,000
<b>26-2017-005</b>	ACSP	Cover Crops	125	ACRE	\$5,000
<b>26-2017-007</b>	ACSP	Long-Term No-till	33.33	ACRE	\$5,000
<b>26-2017-008</b>	ACSP	Cropland Conversion - Grass	22.13	ACRE	\$4,979
<b>26-2017-010</b>	ACSP	Cropland Conversion - Trees	8.87	ACRE	\$2,727
<b>26-2017-100</b>	ACSP	Cropland Conversion - Trees	168.06	ACRE	\$13,445
<b>26-2017-801</b>	AgWRAP	Well	1	EACH	\$3,900
<b>26-2017-802</b>	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$4,650
<b>County : 27-CURRITUCK</b>					
<b>27-2017-001</b>	ACSP	Land Smoothing	151	ACRE	\$22,650
<b>27-2017-002</b>	ACSP	Cover Crops	58	ACRE	\$2,320
<b>County : 28-DARE</b>					
<b>28-2017-001</b>	CCAP	Dare District BMP - oyster reef	1	EACH	\$991
<b>28-2017-111</b>	CCAP	Marsh Sill	1200	LinFT	\$15,001
<b>28-2017-222</b>	CCAP	Marsh Sill	1200	LinFT	\$15,001
<b>28-2017-333</b>	CCAP	Marsh Sill	1200	LinFT	\$14,998
<b>County : 29-DAVIDSON</b>					
<b>29-2017-001</b>	ACSP	Field Border	2.8	ACRE	\$1,502
		Cover Crops	17.6	ACRE	\$704

	Program	Best Management Practice	Planned	Unit	Planned Cost
29-2017-002	ACSP	Cover Crops	100	ACRE	\$4,000
29-2017-003	ACSP	Cover Crops	52.5	ACRE	\$2,100
29-2017-004	ACSP	Cover Crops	100	ACRE	\$4,000
29-2017-005	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	4	ACRE	\$700
29-2017-006	ACSP	Cover Crops	100	ACRE	\$4,000
29-2017-007	ACSP	Cover Crops	82.6	ACRE	\$3,304
29-2017-008	ACSP	Cover Crops	100	ACRE	\$4,000
29-2017-009	ACSP	Cover Crops	100	ACRE	\$4,000
29-2017-010	ACSP	Cropland Conversion - Wildlife Plantings	4	ACRE	\$1,860
29-2017-011	ACSP	Field Border	5.4	ACRE	\$2,511
29-2017-012	ACSP	Agricultural Road Repair/Stabilization	60	LinFT	\$1,595
		Livestock Mortality Management System - Mortality Incinerator	1	EACH	\$6,842
29-2017-013	ACSP	Rooftop Runoff Management System	6	EACH	\$3,168
29-2017-014	ACSP	Precision Nutrient Management	274.2	ACRE	\$4,362
29-2017-015	ACSP	Heavy Use Area Protection	1	EACH	\$305
		Watering Tanks (Troughs)	1	EACH	\$1,148
		Stream Protection Well	1	EACH	\$3,188
29-2017-016	ACSP	Heavy Use Area Protection	2	EACH	\$1,832
<b>County : 30-DAVIE</b>					
30-2017-001	ACSP	Livestock Exclusion Fencing	7800	LinFT	\$11,603
		Watering Tanks (Troughs)	1	EACH	\$6,099
30-2017-002	ACSP	Livestock Exclusion Fencing	1800	LinFT	\$1,733
		Watering Tanks (Troughs)	1	EACH	\$3,241
		Stream Protection Well	1	EACH	\$5,042
30-2017-003	ACSP	Cover Crops	75	ACRE	\$3,000
30-2017-004	ACSP	Cover Crops	75	ACRE	\$3,000
30-2017-005	ACSP	Grade Stabilization Structure	1	EACH	\$4,836
30-2017-006	ACSP	Stock Trails & Walkways	950	LinFT	\$11,373
30-2017-008	ACSP	Cropland Conversion - Grass	12	ACRE	\$2,700
30-2017-009	ACSP	Cropland Conversion - Grass	14	ACRE	\$3,150
30-2017-601	ACSP	Heavy Use Area Protection	1	EACH	\$3,118
		Livestock Exclusion Fencing	1600	LinFT	\$1,760
		Watering Tanks (Troughs)	1	EACH	\$1,328
		Stream Protection Well	1	EACH	\$4,100
30-2017-801	AgWRAP	Well	1	EACH	\$7,988
<b>County : 31-DUPLIN</b>					
31-2017-001	ACSP	Cover Crops	186.3	ACRE	\$7,452
31-2017-002	ACSP	Cropland Conversion - Grass	50.84	ACRE	\$8,847
		Drought Pasture Renovation	18.25	ACRE	\$5,475
31-2017-003	ACSP	Cropland Conversion - Grass	13.21	ACRE	\$2,972
31-2017-004	ACSP	Cropland Conversion - Grass	61.77	ACRE	\$15,000
31-2017-005	ACSP	Cropland Conversion - Grass	40.81	ACRE	\$11,019
31-2017-006	ACSP	Cropland Conversion - Grass	34.52	ACRE	\$7,769
		Pasture Renovation	27.65	ACRE	\$8,295
31-2017-007	ACSP	Cropland Conversion - Grass	18.86	ACRE	\$4,244
31-2017-008	ACSP	Pasture Renovation	9.91	ACRE	\$2,973
31-2017-009	ACSP	Cropland Conversion - Grass	25.94	ACRE	\$5,837
31-2017-010	ACSP	Agricultural Road Repair/Stabilization	30	LinFT	\$3,614

	Program	Best Management Practice	Planned	Unit	Planned Cost
31-2017-012	ACSP	Agricultural Road Repair/Stabilization	301	LinFT	\$1,607
31-2017-013	ACSP	Agricultural Road Repair/Stabilization	80	LinFT	\$13,254
31-2017-014	ACSP	Agricultural Road Repair/Stabilization	804	LinFT	\$6,024
31-2017-015	ACSP	Agricultural Road Repair/Stabilization	45	LinFT	\$6,826
31-2017-016	ACSP	Agricultural Road Repair/Stabilization	20	LinFT	\$1,173
31-2017-807	AgWRAP	Well	1	EACH	\$5,000
31-2017-808	AgWRAP	Well	1	EACH	\$5,000
31-2017-809	AgWRAP	Well	1	EACH	\$5,000
31-2017-810	AgWRAP	Well	1	EACH	\$5,000
31-2017-811	AgWRAP	Well	1	EACH	\$5,000
31-2017-812	AgWRAP	Well	1	EACH	\$5,000
31-2017-813	AgWRAP	Well	1	EACH	\$5,000
31-2017-814	AgWRAP	Well	1	EACH	\$5,000
31-2017-815	AgWRAP	Well	1	EACH	\$5,000
31-2017-816	AgWRAP	Well	1	EACH	\$3,750
31-2017-817	AgWRAP	Agriculture Pond Repair/Retrofit	1	EACH	\$25,000
31-2017-818	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$25,000
<b>County : 32-DURHAM</b>					
32-2017-001	ACSP	Rooftop Runoff Management System	1	EACH	\$177
		Livestock Exclusion Fencing	1350	LinFT	\$5,787
		Stream Protection Well	1	EACH	\$8,851
32-2017-002	ACSP	Cropland Conversion - Grass	15.91	ACRE	\$3,581
32-2017-003	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$5,000
32-2017-004	ACSP	Livestock Exclusion Fencing	1250	LinFT	\$2,700
		Stream Crossing	1	UNITS	\$2,449
		Watering Tanks (Troughs)	1	EACH	\$7,332
32-2017-005	ACSP	Watering Tanks (Troughs)	1	EACH	\$2,853
		Stream Protection Well	1	EACH	\$10,155
32-2017-006	ACSP	Grassed Waterway	0.05	ACRE	\$979
		Land Smoothing	1	ACRE	\$1,305
32-2017-530	CCAP	Streambank and Shoreline Protection	145	LinFT	\$5,000
32-2017-531	CCAP	Cistern	1	EACH	\$618
32-2017-554	CCAP	Riparian Buffer	14600	SqFt	\$7,003
		Streambank and Shoreline Protection	130	LinFT	\$7,997
32-2017-556	CCAP	Streambank and Shoreline Protection	115	LinFT	\$479
32-2017-801	AgWRAP	Well	1	EACH	\$8,038
32-2017-802	AgWRAP	Micro-Irrigation System	1	ACRE	\$8,063
32-2017-803	AgWRAP	Micro-Irrigation System	1	ACRE	\$8,634
<b>County : 33-EDGEcombe</b>					
33-2017-001	ACSP	Cover Crops	47.1	ACRE	\$5,000
33-2017-002	ACSP	Cover Crops	5.76	ACRE	\$2,332
33-2017-004	ACSP	Cropland Conversion - Grass	23.7	ACRE	\$5,333
33-2017-005	ACSP	Precision Nutrient Management	1000	ACRE	\$15,004
		Precision Agrichemical Application	1	EACH	\$6,000
33-2017-006	ACSP	Well	1	EACH	\$6,000
33-2017-007	ACSP	Grassed Waterway	0.65	ACRE	\$2,389
33-2017-008	ACSP	Precision Agrichemical Application	1	EACH	\$2,880
33-2017-009	ACSP	Non-Field Farm Road Repair	1	EACH	\$3,256
<b>County : 34-FORSYTH</b>					

	Program	Best Management Practice	Planned	Unit	Planned Cost
34-2017-001	ACSP	Livestock Exclusion Fencing	5663	LinFT	\$20,854
		Watering Tanks (Troughs)	6	EACH	\$8,565
		Stream Protection Well	1	EACH	\$6,616
34-2017-002	ACSP	Cover Crops	51.29	ACRE	\$2,052
34-2017-003	ACSP	Heavy Use Area Protection	1	EACH	\$1,217
34-2017-004	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	20	ACRE	\$3,500
34-2017-005	ACSP	Abandoned Well Closure	1	EACH	\$1,500
34-2017-501	CCAP	Abandoned well closure	1	EACH	\$1,500
34-2017-801	AgWRAP	Well	1	EACH	\$10,494
34-2017-803	AgWRAP	Well	1	EACH	\$12,001
<b>County : 35-FRANKLIN</b>					
35-2017-001	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)	65.36	ACRE	\$8,497
35-2017-003	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)	30.11	ACRE	\$3,914
35-2017-004	ACSP	Cover Crops	167	ACRE	\$6,680
35-2017-005	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)	33.3	ACRE	\$4,329
35-2017-006	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)	51.5	ACRE	\$6,695
35-2017-007	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)	23.26	ACRE	\$3,023
35-2017-008	ACSP	Stock Trails & Walkways	433	LinFT	\$11,098
35-2017-009	ACSP	Grassed Waterway	0.28	ACRE	\$1,239
		Diversion	353	LinFT	\$368
35-2017-010	ACSP	Sod-Based Rotation - 3 Year SBR (17 months)	16.9	ACRE	\$1,268
35-2017-011	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)	33.92	ACRE	\$4,409
35-2017-012	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	51.7	ACRE	\$9,048
35-2017-013	ACSP	Grassed Waterway	1	ACRE	\$1,337
35-2017-014	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)	29.31	ACRE	\$3,810
35-2017-015	ACSP	Livestock Exclusion Fencing	6701	LinFT	\$5,594
35-2017-800	AgWRAP	Well	1	EACH	\$7,275
<b>County : 36-GASTON</b>					
36-2017-279	ACSP	Livestock Exclusion Fencing	1079	LinFT	\$2,544
		Stream Crossing	1	UNITS	\$2,895
36-2017-280	ACSP	Heavy Use Area Protection	2	EACH	\$3,755
		Livestock Exclusion Fencing	2018	LinFT	\$6,138
		Watering Tanks (Troughs)	2	EACH	\$6,270
		Stream Protection Well	1	EACH	\$4,872
36-2017-281	ACSP	Long-Term No-till	16	ACRE	\$4,800
36-2017-282	ACSP	Heavy Use Area Protection	1	EACH	\$1,906
		Stream Crossing	1	UNITS	\$7,103
		Watering Tanks (Troughs)	1	EACH	\$2,277
36-2017-283	ACSP	Stock Trails & Walkways	474	LinFT	\$10,864
36-2017-284	ACSP	Heavy Use Area Protection	1	EACH	\$433
36-2017-285	ACSP	Livestock Mortality Management System - Mortality Incinerator	1	EACH	\$9,100
36-2017-806	AgWRAP	Well	1	EACH	\$8,682

	Program	Best Management Practice	Planned	Unit	Planned Cost
36-2017-807	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$30,000
36-2017-808	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$12,000
<b>County : 37-GATES</b>					
37-2017-001	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$10,500
37-2017-002	ACSP	Crop Residue Management	65.6	ACRE	\$3,936
		Land Smoothing	42.7	ACRE	\$8,007
37-2017-003	ACSP	Land Smoothing	21.5	ACRE	\$4,031
37-2017-004	ACSP	Precision Agrichemical Application	1	EACH	\$2,839
37-2017-101	AgWRAP	Conservation Irrigation Conversion	44.8	ACRE	\$8,400
<b>County : 38-GRAHAM</b>					
38-2017-001	ACSP	Livestock Exclusion Fencing	898	LinFT	\$1,995
38-2017-002	ACSP	Watering Tanks (Troughs)	1	EACH	\$1,691
38-2017-003	ACSP	Livestock Exclusion Fencing	343	LinFT	\$833
		Stream Crossing	600	UNITS	\$1,757
		Watering Tanks (Troughs)	1	EACH	\$1,652
38-2017-004	ACSP	Livestock Exclusion Fencing	1039	LinFT	\$1,997
		Spring Development	1	EACH	\$571
		Stream Crossing	2	UNITS	\$3,083
		Watering Tanks (Troughs)	2	EACH	\$3,647
38-2017-005	ACSP	Heavy Use Area Protection	2	EACH	\$2,498
		Livestock Exclusion Fencing	175	LinFT	\$425
		Spring Development	1	EACH	\$1,099
		Watering Tanks (Troughs)	25	EACH	\$1,613
38-2017-006	ACSP	Livestock Exclusion Fencing	100	LinFT	\$243
		Watering Tanks (Troughs)	1	EACH	\$1,574
		Stream Protection Well	1	EACH	\$6,638
38-2017-007	ACSP	Livestock Exclusion Fencing	189	LinFT	\$459
		Watering Tanks (Troughs)	1	EACH	\$2,087
38-2017-801	AgWRAP	District BMP- Micro-Irrigation System	1	EACH	\$1,250
38-2017-802	AgWRAP	District BMP- Micro-Irrigation System	1	EACH	\$1,250
38-2017-803	AgWRAP	District BMP- Micro-Irrigation System	1	EACH	\$1,250
38-2017-804	AgWRAP	District BMP- Micro-Irrigation System	1	EACH	\$1,250
38-2017-806	AgWRAP	Ag Water Collection System	1	EACH	\$1,250
38-2017-807	AgWRAP	Micro-Irrigation System	1	ACRE	\$1,250
<b>County : 39-GRANVILLE</b>					
39-2017-001	ACSP	Cropland Conversion - Trees	12	ACRE	\$1,395
39-2017-003	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$3,000
39-2017-004	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$3,000
39-2017-005	ACSP	Cropland Conversion - Grass	6.8	ACRE	\$1,530
39-2017-007	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$3,000
39-2017-010	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$3,000
39-2017-011	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$3,000
39-2017-015	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	1.3	ACRE	\$228
39-2017-017	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$6,000
39-2017-018	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$3,000
39-2017-020	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	8.1	ACRE	\$1,418

	Program	Best Management Practice	Planned	Unit	Planned Cost
39-2017-021	ACSP	Cropland Conversion - Grass	17.2	ACRE	\$3,870
39-2017-022	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	14.2	ACRE	\$2,485
39-2017-023	ACSP	Grassed Waterway	0.3	ACRE	\$666
39-2017-024	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$3,000
39-2017-025	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$3,000
39-2017-027	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$2,418
39-2017-901	AgWRAP	Agricultural Pond Sediment Removal	1	EACH	\$5,000
<b>County : 40-GREENE</b>					
40-2017-001	ACSP	Cover Crops	118.8	ACRE	\$3,408
40-2017-002	ACSP	Grassed Waterway	1.3	ACRE	\$4,708
40-2017-003	ACSP	Grassed Waterway	0.3	ACRE	\$1,127
		Diversion	1170	LinFT	\$1,961
40-2017-004	ACSP	Grassed Waterway	1.5	ACRE	\$4,164
		Diversion	800	LinFT	\$1,388
40-2017-005	ACSP	Cover Crops	374.2	ACRE	\$14,968
40-2017-006	ACSP	Grassed Waterway	1	ACRE	\$3,069
40-2017-007	ACSP	Grassed Waterway	0.2	ACRE	\$556
		Diversion	400	LinFT	\$556
40-2017-008	ACSP	Grade Stabilization Structure	2	EACH	\$639
		Grassed Waterway	2.6	ACRE	\$7,216
		Diversion	1100	LinFT	\$1,388
<b>County : 41-GUILFORD</b>					
41-2017-001	ACSP	Heavy Use Area Protection	311	EACH	\$4,464
		Livestock Exclusion Fencing	948	LinFT	\$2,235
		Watering Tanks (Troughs)	1	EACH	\$3,189
41-2017-002	ACSP	Heavy Use Area Protection	1	EACH	\$546
		Livestock Exclusion Fencing	660	LinFT	\$1,297
		Stream Protection Well	1	EACH	\$11,011
41-2017-003	ACSP	Watering Tanks (Troughs)	2	EACH	\$5,009
		Stream Protection Well	1	EACH	\$6,026
41-2017-004	ACSP	Waste Application Systems - Underground Main and Hydrant	1	EACH	\$9,501
41-2017-005	ACSP	Field Border	1	ACRE	\$2,563
		Long-Term No-till	11.9	ACRE	\$1,785
41-2017-006	ACSP	Cropland Conversion - Grass	7.4	ACRE	\$6,750
41-2017-007	ACSP	Cover Crops	25	ACRE	\$1,000
41-2017-008	ACSP	Cover Crops	50	ACRE	\$2,000
41-2017-009	ACSP	Cover Crops	53	ACRE	\$4,120
41-2017-010	ACSP	Critical Area Planting	0.3	ACRE	\$834
41-2017-011	ACSP	Cropland Conversion - Grass	0	ACRE	\$2,205
41-2017-012	ACSP	Critical Area Planting	0.4	ACRE	\$1,155
41-2017-013	ACSP	Critical Area Planting	0.4	ACRE	\$1,260
41-2017-014	ACSP	Cropland Conversion - Grass	0	ACRE	\$961
41-2017-015	ACSP	Heavy Use Area Protection	67	EACH	\$1,409
		Livestock Exclusion Fencing	2843	LinFT	\$5,586
		Watering Tanks (Troughs)	3	EACH	\$4,639
		Stream Protection Well	1500	EACH	\$8,359
41-2017-016	ACSP	Riparian Buffer	7.75	ACRE	\$1,144
41-2017-501	CCAP	Riparian buffer	973	SqFt	\$2,433
		Streambank and Shoreline Protection	50	LinFT	\$1,995

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Structural Stormwater Conveyance	1	EACH	\$1,568
41-2017-502	CCAP	Riparian buffer	21500	SqFt	\$3,504
41-2017-801	AgWRAP	Well	1	EACH	\$7,236
41-2017-802	AgWRAP	Well	1	EACH	\$6,376
<b>County : 42-HALIFAX</b>					
42-2017-001	ACSP	Grassed Waterway	0.7	ACRE	\$2,606
42-2017-002	ACSP	Grassed Waterway	1.4	ACRE	\$5,398
42-2017-003	ACSP	Three Year Conservation Tillage for Peanuts, Sweet Corn, Tobacco & Vegetables	58.7	ACRE	\$14,675
42-2017-005	ACSP	Three Year Conservation Tillage for Peanuts, Sweet Corn, Tobacco & Vegetables	52.4	ACRE	\$12,600
42-2017-006	ACSP	Three Year Conservation Tillage for Peanuts, Sweet Corn, Tobacco & Vegetables	59.4	ACRE	\$14,850
42-2017-009	ACSP	Grassed Waterway	1	ACRE	\$2,366
42-2017-811	AgWRAP	Agricultural Pond Sediment Removal	1	EACH	\$5,000
42-2017-812	AgWRAP	Agricultural Pond Sediment Removal	1	EACH	\$5,000
<b>County : 43-HARNETT</b>					
43-2017-001	ACSP	Cropland Conversion - Grass	3.5	ACRE	\$788
43-2017-002	ACSP	Grassed Waterway	0.4	ACRE	\$975
		Critical Area Planting	0.28	ACRE	\$600
43-2017-003	ACSP	Cropland Conversion - Grass	16.42	ACRE	\$3,694
43-2017-004	ACSP	Field Border	2.87	ACRE	\$6,210
		Grassed Waterway	0.1	ACRE	\$1,252
43-2017-005	ACSP	Grassed Waterway	0.2	ACRE	\$323
		Terrace	1135	LinFT	\$860
43-2017-006	ACSP	Grassed Waterway	0.4	ACRE	\$357
43-2017-008	ACSP	Grassed Waterway	0.4	ACRE	\$1,243
43-2017-009	ACSP	Grassed Waterway	0.6	ACRE	\$3,487
43-2017-010	ACSP	Grassed Waterway	0.7	ACRE	\$2,455
		Diversion	485	LinFT	\$806
43-2017-011	ACSP	Grassed Waterway	0.9	ACRE	\$3,476
		Terrace	500	LinFT	\$420
43-2017-012	ACSP	Grassed Waterway	0.3	ACRE	\$997
43-2017-013	ACSP	Grassed Waterway	0.1	ACRE	\$354
		Diversion	385	LinFT	\$380
43-2017-014	ACSP	Grassed Waterway	0.3	ACRE	\$924
		Diversion	580	LinFT	\$570
43-2017-015	ACSP	Rooftop Runoff Management System	1	EACH	\$3,392
43-2017-016	ACSP	Grassed Waterway	0.7	ACRE	\$2,331
43-2017-017	ACSP	Grassed Waterway	0.3	ACRE	\$2,325
		Terrace	385	LinFT	\$694
43-2017-018	ACSP	Grassed Waterway	0.2	ACRE	\$694
43-2017-019	ACSP	Cropland Conversion - Grass	14.68	ACRE	\$3,303
43-2017-020	ACSP	Cropland Conversion - Grass	11	ACRE	\$2,475
43-2017-021	ACSP	Grassed Waterway	0.5	ACRE	\$1,340
43-2017-023	ACSP	Cropland Conversion - Grass	3.5	ACRE	\$788
43-2017-501	CCAP	Abandoned well closure	1	EACH	\$900
43-2017-800	AgWRAP	Well	1	EACH	\$5,500

	Program	Best Management Practice	Planned	Unit	Planned Cost
43-2017-801	AgWRAP	Agricultural Water Supply/Reuse Pond		1 EACH	\$25,000
43-2017-802	AgWRAP	Agricultural Water Supply/Reuse Pond		1 EACH	\$35,000
43-2017-803	AgWRAP	Agricultural Water Supply/Reuse Pond		1 EACH	\$25,000
<b>County : 44-HAYWOOD</b>					
44-2017-001	ACSP	Heavy Use Area Protection		1 EACH	\$596
44-2017-002	ACSP	Heavy Use Area Protection		2 EACH	\$1,056
		Livestock Exclusion Fencing		2000 LinFT	\$4,464
		Stream Crossing		1 UNITS	\$2,883
		Watering Tanks (Troughs)		2 EACH	\$4,102
		Stream Protection Well		400 EACH	\$7,680
44-2017-003	ACSP	Agricultural Road Repair/Stabilization		1000 LinFT	\$16,736
		Heavy Use Area Protection		2 EACH	\$847
		Livestock Exclusion Fencing		1500 LinFT	\$2,010
		Livestock Feeding Area		1 EACH	\$8,269
		Watering Tanks (Troughs)		2 EACH	\$2,985
44-2017-004	ACSP	Heavy Use Area Protection		2 EACH	\$846
		Watering Tanks (Troughs)		2 EACH	\$3,141
		Stream Protection Well		1 EACH	\$6,779
44-2017-501	CCAP	Streambank and Shoreline Protection		1200 LinFT	\$40,000
<b>County : 45-HENDERSON</b>					
45-2017-001	ACSP	Agrichemical Handling Facility		1 EACH	\$25,991
45-2017-003	ACSP	Agrichemical Handling Facility		1 EACH	\$6,154
45-2017-004	ACSP	Heavy Use Area Protection		500 EACH	\$5,356
45-2017-005	ACSP	Livestock Exclusion Fencing		2181 LinFT	\$9,641
		Watering Tanks (Troughs)		1 EACH	\$3,000
		Stream Protection Well		1 EACH	\$5,924
45-2017-007	ACSP	Agrichemical Handling Facility		1 EACH	\$8,552
45-2017-008	ACSP	Heavy Use Area Protection		2 EACH	\$14,264
45-2017-009	ACSP	Agrichemical Handling Facility		1 EACH	\$31,061
45-2017-301	ACSP	Agrichemical Handling Facility		1 EACH	\$2,043
45-2017-801	AgWRAP	Agricultural Water Supply/Reuse Pond		1 EACH	\$35,000
45-2017-802	AgWRAP	Agricultural Water Supply/Reuse Pond		1 EACH	\$25,000
45-2017-803	AgWRAP	Agricultural Water Supply/Reuse Pond		1 EACH	\$25,000
45-2017-804	AgWRAP	Agricultural Water Supply/Reuse Pond		1 EACH	\$25,000
45-2017-805	AgWRAP	Well		1 EACH	\$7,500
<b>County : 46-HERTFORD</b>					
46-2017-001	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)		30 ACRE	\$5,250
46-2017-002	ACSP	Rock-lined Outlet		1 EACH	\$3,219
46-2017-003	ACSP	Grade Stabilization Structure		4 EACH	\$6,281
		Grassed Waterway		1.5 ACRE	\$3,398
46-2017-004	ACSP	Precision Nutrient Management		1000 ACRE	\$15,000
46-2017-005	ACSP	Cover Crops		187.5 ACRE	\$7,500
46-2017-800	AgWRAP	Agriculture Pond Repair/Retrofit		1 EACH	\$7,500

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>County : 47-HOKE</b>					
47-2017-001	ACSP	Critical Area Planting	2.5	ACRE	\$1,313
		Pasture Renovation	4.2	ACRE	\$1,680
47-2017-002	ACSP	Heavy Use Area Protection	1	EACH	\$3,640
		Stock Trails & Walkways	350	LinFT	\$5,863
47-2017-003	ACSP	Lagoon Biosolids Removal Incentive	1032700	100 GALLONS	\$20,654
47-2017-004	ACSP	Pasture Renovation	4.2	ACRE	\$1,260
47-2017-801	AgWRAP	Well	1	EACH	\$0
47-2017-802	AgWRAP	Well	1	EACH	\$5,975
47-2017-803	AgWRAP	Well	1	EACH	\$5,525
<b>County : 48-HYDE</b>					
48-2017-001	ACSP	Water Control Structure	1	EACH	\$7,201
48-2017-002	ACSP	Water Control Structure	1	EACH	\$6,006
		Land Smoothing	40	ACRE	\$4,500
48-2017-004	ACSP	Land Smoothing	40	ACRE	\$5,400
48-2017-005	ACSP	Land Smoothing	40	ACRE	\$4,500
48-2017-006	ACSP	Land Smoothing	40	ACRE	\$4,500
48-2017-007	ACSP	Land Smoothing	40	ACRE	\$4,500
48-2017-008	ACSP	Water Control Structure	1	EACH	\$9,415
48-2017-801	AgWRAP	Well	1	EACH	\$7,497
<b>County : 49-IREDELL</b>					
49-2017-001	ACSP	Heavy Use Area Protection	1	EACH	\$2,482
		Watering Tanks (Troughs)	2	EACH	\$4,506
49-2017-002	ACSP	Stream Protection Well	1	EACH	\$0
49-2017-003	ACSP	Heavy Use Area Protection	3	EACH	\$1,870
		Stream Crossing	1	UNITS	\$4,953
49-2017-004	ACSP	Heavy Use Area Protection	1	EACH	\$1,598
49-2017-007	ACSP	Heavy Use Area Protection	5	EACH	\$1,517
		Livestock Exclusion Fencing	13000	LinFT	\$6,432
		Stream Protection Well	1	EACH	\$8,875
49-2017-008	ACSP	Heavy Use Area Protection	1	EACH	\$1,628
49-2017-010	ACSP	Watering Tanks (Troughs)	1	EACH	\$6,110
49-2017-011	ACSP	Livestock Exclusion Fencing	2800	LinFT	\$5,897
		Watering Tanks (Troughs)	2	EACH	\$8,199
49-2017-012	ACSP	Cropland Conversion - Grass	24	ACRE	\$4,680
49-2017-801	AgWRAP	Well	1	EACH	\$10,500
<b>County : 50-JACKSON</b>					
50-2017-001	ACSP	Stream Crossing	2	UNITS	\$2,426
		Watering Tanks (Troughs)	1	EACH	\$1,672
50-2017-002	ACSP	Agricultural Road Repair/Stabilization	1200	LinFT	\$4,133
50-2017-003	ACSP	Prescribed Grazing	15	ACRE	\$1,809
		Livestock Exclusion Fencing	2000	LinFT	\$4,020
		Watering Tanks (Troughs)	1	EACH	\$2,660
50-2017-004	ACSP	Livestock Exclusion Fencing	450	LinFT	\$837
		Watering Tanks (Troughs)	1	EACH	\$1,557
50-2017-005	ACSP	Agricultural Road Repair/Stabilization	250	LinFT	\$3,098
		Livestock Exclusion Fencing	200	LinFT	\$486
		Watering Tanks (Troughs)	3	EACH	\$6,567

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Stream Protection Well		1 EACH	\$2,000
50-2017-006	AgWRAP	Micro-Irrigation System	39.5	ACRE	\$30,000
50-2017-007	ACSP	Heavy Use Area Protection	1	EACH	\$1,112
50-2017-008	ACSP	Agricultural Road Repair/Stabilization	250	LinFT	\$5,085
		Critical Area Planting	0.2	ACRE	\$1,404
		Heavy Use Area Protection	1	EACH	\$3,379
<b>County : 51-JOHNSTON</b>					
51-2017-001	ACSP	Cropland Conversion - Grass	3.79	ACRE	\$1,023
51-2017-002	ACSP	Cropland Conversion - Grass	5.48	ACRE	\$1,233
51-2017-004	ACSP	Grassed Waterway	1.1	ACRE	\$4,077
51-2017-005	ACSP	Cropland Conversion - Grass	12.28	ACRE	\$2,538
51-2017-006	ACSP	Cropland Conversion - Grass	14.1	ACRE	\$3,807
51-2017-007	ACSP	Cropland Conversion - Grass	8.5	ACRE	\$2,295
51-2017-008	ACSP	Field Border	0.14	ACRE	\$300
		Terrace	1450	LinFT	\$1,690
51-2017-009	ACSP	Cropland Conversion - Grass	1.85	ACRE	\$500
51-2017-010	ACSP	Cropland Conversion - Grass	2	ACRE	\$540
51-2017-013	ACSP	Cropland Conversion - Grass	12.17	ACRE	\$3,286
51-2017-014	ACSP	Cropland Conversion - Grass	10	ACRE	\$2,295
51-2017-015	ACSP	Cropland Conversion - Grass	32.85	ACRE	\$7,393
51-2017-016	ACSP	Cropland Conversion - Grass	28.58	ACRE	\$6,431
		Diversion	650	LinFT	\$488
		Terrace	1000	LinFT	\$750
51-2017-017	ACSP	Cropland Conversion - Grass	9.01	ACRE	\$2,433
51-2017-018	ACSP	Cropland Conversion - Grass	2	ACRE	\$450
51-2017-019	ACSP	Cropland Conversion - Grass	8.5	ACRE	\$1,913
51-2017-020	ACSP	Cropland Conversion - Grass	4.73	ACRE	\$1,064
51-2017-021	ACSP	Cropland Conversion - Grass	4.44	ACRE	\$999
51-2017-022	ACSP	Cropland Conversion - Grass	4	ACRE	\$900
51-2017-023	ACSP	Cropland Conversion - Grass	5.13	ACRE	\$1,385
51-2017-024	ACSP	Grassed Waterway	0.1	ACRE	\$308
51-2017-025	ACSP	Cover Crops	375	ACRE	\$15,000
51-2017-026	ACSP	Cover Crops	71.65	ACRE	\$2,866
51-2017-027	ACSP	Cover Crops	163.15	ACRE	\$6,613
51-2017-401	ACSP	Non-Field Farm Road Repair	1	EACH	\$349
51-2017-402	ACSP	Non-Field Farm Road Repair	1	EACH	\$2,237
51-2017-403	ACSP	Non-Field Farm Road Repair	2	EACH	\$2,010
51-2017-501	CCAP	Streambank and Shoreline Protection	200	LinFT	\$5,504
51-2017-502	CCAP	Streambank and Shoreline Protection	120	LinFT	\$11,786
51-2017-801	AgWRAP	Well	1	EACH	\$6,000
51-2017-802	AgWRAP	Agriculture Pond Repair/Retrofit	1	EACH	\$4,993
51-2017-803	AgWRAP	Well	1	EACH	\$6,000
51-2017-804	AgWRAP	Well	1	EACH	\$6,000
51-2017-805	AgWRAP	Well	1	EACH	\$4,635
<b>County : 52-JONES</b>					
52-2017-001	ACSP	Waste Application Systems - Mobile Application System		1 EACH	\$10,500
52-2017-002	ACSP	Lagoon Biosolids Removal Incentive	16667	100 GALLONS	\$25,000
52-2017-003	ACSP	Livestock Mortality Management System - Forced Aeration Static Pile		1 EACH	\$8,088

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>52-2017-004</b>	ACSP	Waste Application Systems - Underground Main and Hydrant		1 EACH	\$3,280
<b>52-2017-301</b>	ACSP	Non-Field Farm Road Repair		1 EACH	\$6,847
<b>52-2017-801</b>	AgWRAP	Well		1 EACH	\$5,663
<b>County : 53-LEE</b>					
<b>53-2017-001</b>	ACSP	Cropland Conversion - Grass		11 ACRE	\$2,475
<b>53-2017-002</b>	ACSP	Watering Tanks (Troughs)		1 EACH	\$699
<b>53-2017-003</b>	ACSP	Livestock Mortality Management System - Composter		1 EACH	\$24,944
<b>53-2017-005</b>	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)		23.6 ACRE	\$2,301
<b>53-2017-006</b>	ACSP	Cropland Conversion - Grass		50.1 ACRE	\$11,274
<b>53-2017-007</b>	ACSP	Livestock Exclusion Fencing		376 LinFT	\$677
<b>53-2017-008</b>	ACSP	Grassed Waterway		1.6 ACRE	\$723
		Land Smoothing		2 ACRE	\$30
		Terrace		3965 LinFT	\$323
<b>53-2017-009</b>	ACSP	Livestock Mortality Management System - Forced Aeration Static Pile		1 EACH	\$1,757
<b>53-2017-010</b>	ACSP	Non-Field Farm Road Repair		1 EACH	\$3,665
<b>53-2017-011</b>	ACSP	Non-Field Farm Road Repair		1 EACH	\$3,176
<b>53-2017-801</b>	AgWRAP	Well		1 EACH	\$7,463
<b>County : 54-LENOIR</b>					
<b>54-2017-001</b>	ACSP	Waste Application Systems - Mobile Application System		1 EACH	\$2,825
<b>54-2017-002</b>	ACSP	Cover Crops		375 ACRE	\$15,000
<b>54-2017-003</b>	ACSP	Waste Application Systems - Mobile Application System		1 EACH	\$10,500
<b>54-2017-004</b>	ACSP	Grassed Waterway		1 ACRE	\$6,993
<b>54-2017-005</b>	ACSP	Cropland Conversion - Grass		3.88 ACRE	\$1,037
<b>54-2017-006</b>	ACSP	Livestock Mortality Management System - Mortality Incinerator		1 EACH	\$9,713
<b>54-2017-801</b>	AgWRAP	Well		1 EACH	\$5,865
<b>County : 55-LINCOLN</b>					
<b>55-2017-370</b>	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)		8 ACRE	\$1,400
<b>55-2017-371</b>	ACSP	Dry Stack		1 EACH	\$29,747
<b>55-2017-372</b>	ACSP	Agricultural Road Repair/Stabilization		2753 LinFT	\$41,689
<b>55-2017-813</b>	AgWRAP	Well		1 EACH	\$5,339
<b>55-2017-814</b>	AgWRAP	Well		1 EACH	\$7,111
<b>County : 56-MACON</b>					
<b>56-2017-001</b>	ACSP	Watering Tanks (Troughs)		1 EACH	\$3,055
<b>56-2017-002</b>	ACSP	Livestock Exclusion Fencing		4200 LinFT	\$7,435
		Watering Tanks (Troughs)		1 EACH	\$2,313
<b>56-2017-003</b>	ACSP	Livestock Exclusion Fencing		585 LinFT	\$3,478
		Watering Tanks (Troughs)		1 EACH	\$5,279
<b>56-2017-004</b>	ACSP	Livestock Exclusion Fencing		1475 LinFT	\$2,744
		Stream Crossing		1 UNITS	\$3,716
		Watering Tanks (Troughs)		1 EACH	\$2,333
<b>56-2017-005</b>	ACSP	Cropland Conversion - Grass		2 ACRE	\$1,350
<b>56-2017-006</b>	ACSP	Stream Protection Well		1 EACH	\$10,794

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>County : 57-MADISON</b>					
<b>57-2017-001</b>	ACSP	Heavy Use Area Protection	1	EACH	\$850
		Livestock Exclusion Fencing	350	LinFT	\$539
		Watering Tanks (Troughs)	1	EACH	\$981
		Stream Protection Well	350	EACH	\$1,390
<b>57-2017-002</b>	ACSP	Critical Area Planting	0.1	ACRE	\$676
		Heavy Use Area Protection	1	EACH	\$425
		Livestock Exclusion Fencing	620	LinFT	\$1,507
		Watering Tanks (Troughs)	1	EACH	\$1,365
<b>57-2017-003</b>	ACSP	Pasture Renovation	11	ACRE	\$3,300
		Heavy Use Area Protection	3	EACH	\$1,274
		Livestock Exclusion Fencing	2533	LinFT	\$6,155
		Watering Tanks (Troughs)	3	EACH	\$5,932
<b>57-2017-004</b>	ACSP	Pasture Renovation	7	ACRE	\$2,100
		Heavy Use Area Protection	4	EACH	\$2,110
		Livestock Exclusion Fencing	1209	LinFT	\$2,430
		Watering Tanks (Troughs)	3	EACH	\$4,966
		Stream Protection Well	1	EACH	\$6,162
<b>57-2017-005</b>	ACSP	Pasture Renovation	4	ACRE	\$1,200
		Heavy Use Area Protection	2	EACH	\$850
		Livestock Exclusion Fencing	1600	LinFT	\$3,888
		Spring Development	1	EACH	\$248
		Watering Tanks (Troughs)	2	EACH	\$1,780
<b>57-2017-201</b>	ACSP	Livestock Exclusion Fencing	961	LinFT	\$1,379
		Stream Protection Well	1	EACH	\$9,162
<b>57-2017-801</b>	AgWRAP	Well	1	EACH	\$7,497
<b>57-2017-802</b>	AgWRAP	Well	1	EACH	\$7,503
<b>County : 58-MARTIN</b>					
<b>58-2017-001</b>	ACSP	Rooftop Runoff Management System	1	EACH	\$5,214
<b>58-2017-002</b>	ACSP	Rooftop Runoff Management System	1	EACH	\$6,431
<b>58-2017-003</b>	ACSP	Grassed Waterway	1	ACRE	\$8,039
<b>58-2017-004</b>	ACSP	Rooftop Runoff Management System	1	EACH	\$11,320
<b>58-2017-005</b>	ACSP	Cover Crops	1	ACRE	\$555
<b>58-2017-006</b>	ACSP	Field Border	1	ACRE	\$3,301
<b>58-2017-007</b>	ACSP	Rooftop Runoff Management System	1	EACH	\$5,175
<b>County : 59-MCDOWELL</b>					
<b>59-2017-001</b>	ACSP	Stock Trails & Walkways	200	LinFT	\$9,713
<b>59-2017-002</b>	ACSP	Stream Restoration	150	LinFT	\$25,000
<b>59-2017-005</b>	ACSP	Agricultural Water Collection System	250	EACH	\$11,151
<b>59-2017-801</b>	AgWRAP	Well	1	EACH	\$1,871
<b>59-2017-802</b>	AgWRAP	Ag Water Collection System	1	EACH	\$1,637
<b>County : 60-MECKLENBURG</b>					
<b>60-2017-001</b>	ACSP	Heavy Use Area Protection	29	EACH	\$674
<b>60-2017-002</b>	AgWRAP	Well	1	EACH	\$9,262
<b>60-2017-003</b>	ACSP	Heavy Use Area Protection	75	EACH	\$2,231
<b>60-2017-004</b>	CCAP	Stream restoration	133.4	LinFT	\$15,000
<b>County : 61-MITCHELL</b>					
<b>61-2017-001</b>	ACSP	Livestock Exclusion Fencing	2141	LinFT	\$4,783
<b>61-2017-002</b>	ACSP	Spring Development	2	EACH	\$196

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>61-2017-003</b>	ACSP	Agricultural Road Repair/Stabilization	150	LinFT	\$2,227
		Livestock Feeding Area	1	EACH	\$7,195
		Spring Development	1	EACH	\$465
		Stock Trails & Walkways	40	LinFT	\$707
		Watering Tanks (Troughs)	1	EACH	\$3,127
<b>61-2017-004</b>	ACSP	Livestock Feeding Area	1	EACH	\$8,976
<b>61-2017-005</b>	ACSP	Livestock Exclusion Fencing	3200	LinFT	\$4,257
		Watering Tanks (Troughs)	5	EACH	\$10,825
		Stream Protection Well	1	EACH	\$4,389
		Drought Pasture Renovation	6.65	ACRE	\$5,514
<b>61-2017-006</b>	ACSP	Agricultural Road Repair/Stabilization	1300	LinFT	\$18,607
<b>61-2017-007</b>	ACSP	Watering Tanks (Troughs)	1	EACH	\$1,855
<b>61-2017-501</b>	CCAP	Streambank and shoreline protection	600	LinFT	\$15,000
<b>61-2017-801</b>	AgWRAP	Well	1	EACH	\$998
<b>61-2017-802</b>	AgWRAP	Well	1	EACH	\$6,502
<b>61-2017-803</b>	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$14,630
<b>61-2017-804</b>	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$22,064
<b>61-2017-805</b>	AgWRAP	Well	1	EACH	\$1,778
<b>County : 62-MONTGOMERY</b>					
<b>62-2017-001</b>	ACSP	Dry Stack	1	EACH	\$30,892
<b>62-2017-002</b>	ACSP	Livestock Mortality Management System - Composter	1	EACH	\$11,339
<b>County : 63-MOORE</b>					
<b>63-2017-001</b>	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$1,424
<b>63-2017-002</b>	ACSP	Livestock Mortality Management System - Mortality Incinerator	1	EACH	\$12,127
<b>63-2017-003</b>	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$10,500
<b>63-2017-004</b>	ACSP	Cropland Conversion - Grass	22.5	ACRE	\$5,063
<b>63-2017-005</b>	ACSP	Cropland Conversion - Grass	20	ACRE	\$4,500
<b>63-2017-007</b>	ACSP	Cropland Conversion - Grass	61	ACRE	\$13,725
<b>63-2017-501</b>	CCAP	Abandoned Well Closure	1	EACH	\$1,500
<b>63-2017-502</b>	CCAP	Abandoned Well Closure	1	EACH	\$1,500
<b>63-2017-503</b>	CCAP	Abandoned Well Closure	1	EACH	\$1,500
<b>63-2017-504</b>	CCAP	Abandoned Well Closure	1	EACH	\$1,500
<b>63-2017-801</b>	AgWRAP	Agricultural Pond Sediment Removal	1	EACH	\$3,000
<b>63-2017-802</b>	AgWRAP	Agricultural Pond Sediment Removal	3	EACH	\$6,900
<b>63-2017-803</b>	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$25,001
<b>63-2017-804</b>	AgWRAP	Agriculture Pond Repair/Retrofit	1	EACH	\$24,997
<b>63-2017-805</b>	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$24,997
<b>County : 64-NASH</b>					
<b>64-2017-001</b>	ACSP	Cover Crops	25.8	ACRE	\$1,032
<b>64-2017-002</b>	ACSP	Grassed Waterway	2	ACRE	\$7,781
<b>64-2017-003</b>	ACSP	Grassed Waterway	2.2	ACRE	\$8,417
<b>64-2017-004</b>	ACSP	Terrace	600	LinFT	\$1,635
		Grassed Waterway	0.3	ACRE	\$1,360
<b>64-2017-005</b>	ACSP	Cover Crops	398	ACRE	\$15,000

	Program	Best Management Practice	Planned	Unit	Planned Cost
64-2017-006	ACSP	Grassed Waterway	1.3	ACRE	\$4,815
64-2017-007	ACSP	Cover Crops	375	ACRE	\$15,000
64-2017-008	ACSP	Grassed Waterway	0.8	ACRE	\$2,919
64-2017-009	ACSP	Cover Crops	110.1	ACRE	\$4,404
64-2017-801	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$16,180
<b>County : 65-NEW HANOVER</b>					
65-2017-001	CCAP	Permeable pavement	2500	SqFt	\$15,000
<b>County : 66-NORTHAMPTON</b>					
66-2017-001	ACSP	Grassed Waterway	1	ACRE	\$2,073
66-2017-002	ACSP	Grassed Waterway	1.4	ACRE	\$4,148
66-2017-003	ACSP	Grassed Waterway	1.5	ACRE	\$3,260
66-2017-004	ACSP	Grassed Waterway	1.1	ACRE	\$4,270
66-2017-005	ACSP	Grassed Waterway	0.35	ACRE	\$651
66-2017-006	ACSP	Cropland Conversion - Trees	4.57	ACRE	\$994
66-2017-007	ACSP	Grassed Waterway	0.4	ACRE	\$2,478
66-2017-008	ACSP	Grassed Waterway	0.5	ACRE	\$2,082
66-2017-009	ACSP	Grassed Waterway	0.6	ACRE	\$1,778
66-2017-010	ACSP	Grassed Waterway	0.6	ACRE	\$2,594
66-2017-011	ACSP	Grassed Waterway	1.1	ACRE	\$2,111
66-2017-012	ACSP	Cropland Conversion - Grass	44.46	ACRE	\$10,004
66-2017-013	ACSP	Grade Stabilization Structure	1	EACH	\$1,915
<b>County : 67-ONSLow</b>					
67-2017-001	ACSP	Cover Crops	6.47	ACRE	\$259
67-2017-002	ACSP	Cover Crops	18.94	ACRE	\$758
67-2017-003	ACSP	Grade Stabilization Structure	1	EACH	\$2,601
		Grassed Waterway	0.49	ACRE	\$1,452
67-2017-004	ACSP	Livestock Exclusion Fencing	2810	LinFT	\$4,924
		Livestock Feeding Area	1	EACH	\$1,228
		Stream Protection Well	1	EACH	\$4,792
67-2017-005	AgWRAP	Well	1	EACH	\$4,100
67-2017-006	ACSP	Cropland Conversion - Grass	9.53	ACRE	\$2,070
67-2017-007	ACSP	Cropland Conversion - Grass	11.35	ACRE	\$2,554
67-2017-008	ACSP	Cover Crops	40.2	ACRE	\$1,608
67-2017-009	ACSP	Conservation Cover	1.5	ACRE	\$144
67-2017-010	ACSP	Cropland Conversion - Grass	16.3	ACRE	\$3,668
67-2017-011	ACSP	Stream Crossing	1	UNITS	\$1,256
67-2017-012	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$10,500
67-2017-013	ACSP	Micro-Irrigation	7	ACRE	\$5,281
67-2017-502	AgWRAP	Well	1	EACH	\$2,778
<b>County : 68-ORANGE</b>					
68-2017-001	ACSP	Cover Crops	30	ACRE	\$1,200
68-2017-002	ACSP	Field Border	1.4	ACRE	\$1,940
		Grassed Waterway	0.53	ACRE	\$1,197
68-2017-003	ACSP	Field Border	0.66	ACRE	\$1,614
		Grassed Waterway	0.78	ACRE	\$1,998
68-2017-004	ACSP	Grassed Waterway	0.14	ACRE	\$358
68-2017-005	ACSP	Cropland Conversion - Trees	17.1	ACRE	\$1,860

	Program	Best Management Practice	Planned	Unit	Planned Cost
68-2017-006	ACSP	Rock-lined Outlet	1	EACH	\$13,167
68-2017-007	ACSP	Stream Protection Well	1	EACH	\$13,217
68-2017-008	ACSP	Streambank and Shoreline Protection	2108.5	LinFT	\$8,923
68-2017-009	ACSP	Cropland Conversion - Grass	29.54	ACRE	\$6,647
68-2017-010	ACSP	Prescribed Grazing	120	ACRE	\$3,600
		Livestock Exclusion Fencing	1776	LinFT	\$2,997
		Watering Tanks (Troughs)	1	EACH	\$800
		Stream Protection Well	1	EACH	\$590
68-2017-011	ACSP	Field Border	0.16	ACRE	\$909
68-2017-012	ACSP	Stock Trails & Walkways	512	LinFT	\$6,529
		Stream Crossing	1	UNITS	\$3,405
68-2017-013	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	67.13	ACRE	\$11,748
68-2017-501	CCAP	Critical area planting	4200	SqFt	\$5,026
		Bioretention areas	1	EACH	\$2,974
68-2017-801	AgWRAP	Ag Water Collection System	1		\$7,627
<b>County : 69-PAMLICO</b>					
69-2017-001	ACSP	Land Smoothing	45.8	ACRE	\$6,837
69-2017-002	ACSP	Land Smoothing	75	ACRE	\$11,250
69-2017-003	ACSP	Land Smoothing	75	ACRE	\$11,250
69-2017-004	ACSP	Water Control Structure	6	EACH	\$7,909
69-2017-006	ACSP	Cover Crops	225	ACRE	\$9,000
69-2017-007	ACSP	Land Smoothing	23.6	ACRE	\$15,000
69-2017-008	ACSP	Cropland Conversion - Grass	8.22	ACRE	\$2,438
69-2017-302	AgWRAP	Well	1	EACH	\$7,497
<b>County : 70-PASQUOTANK</b>					
70-2017-001	ACSP	Land Smoothing	24.56	ACRE	\$11,250
70-2017-002	ACSP	Land Smoothing	46.71	ACRE	\$11,250
70-2017-003	ACSP	Crop Residue Management	44.41	ACRE	\$666
70-2017-005	ACSP	Cover Crops	34.5	ACRE	\$1,380
70-2017-006	ACSP	Land Smoothing	27.88	ACRE	\$4,182
70-2017-007	ACSP	Land Smoothing	61.98	ACRE	\$1,143
70-2017-008	ACSP	Land Smoothing	541	ACRE	\$406
70-2017-010	ACSP	Land Smoothing	25.78	ACRE	\$1,934
70-2017-011	ACSP	Water Control Structure	1	EACH	\$7,208
70-2017-012	ACSP	Land Smoothing	72.6	ACRE	\$10,890
70-2017-013	ACSP	Crop Residue Management	120.6	ACRE	\$1,809
70-2017-014	ACSP	Crop Residue Management	56.58	ACRE	\$849
<b>County : 71-PENDER</b>					
71-2017-001	ACSP	Heavy Use Area Protection	1	EACH	\$739
71-2017-005	ACSP	Cover Crops	184.3	ACRE	\$6,102
71-2017-007	ACSP	Long-Term No-till	7.9	ACRE	\$9,345
71-2017-009	ACSP	Abandoned Well Closure	1	EACH	\$1,800
		Dry Stack	1	EACH	\$1,708
71-2017-010	ACSP	Long-Term No-till	0.7	ACRE	\$9,999
71-2017-011	ACSP	Livestock Exclusion Fencing	660	LinFT	\$1,307
		Watering Tanks (Troughs)	3	EACH	\$8,682
71-2017-801	AgWRAP	Well	1	EACH	\$2,700
71-2017-802	AgWRAP	Well	1	EACH	\$2,145

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>County : 72-PERQUIMANS</b>					
72-2017-001	ACSP	Cover Crops	56.2	ACRE	\$1,124
72-2017-002	ACSP	Cover Crops	153.1	ACRE	\$3,000
72-2017-003	ACSP	Cover Crops	153.1	ACRE	\$3,000
72-2017-004	ACSP	Land Smoothing	15.4	ACRE	\$2,888
72-2017-005	ACSP	Land Smoothing	39.3	ACRE	\$5,895
72-2017-006	ACSP	Land Smoothing	22.7	ACRE	\$4,256
72-2017-007	ACSP	Land Smoothing	40	ACRE	\$6,000
72-2017-008	ACSP	Land Smoothing	40	ACRE	\$6,000
72-2017-009	ACSP	Crop Residue Management	150	ACRE	\$3,000
72-2017-100	ACSP	Land Smoothing	65.5	ACRE	\$6,000
72-2017-101	ACSP	Precision Agrichemical Application	1	EACH	\$2,400
72-2017-500	ACSP	Cropland Conversion - Trees	13.2	ACRE	\$3,267
<b>County : 73-PERSON</b>					
73-2017-002	ACSP	Field Border	0.62	ACRE	\$1,512
		Grassed Waterway	2.45	ACRE	\$6,708
		Diversion	3270	LinFT	\$3,427
73-2017-003	ACSP	Field Border	0.34	ACRE	\$780
		Grassed Waterway	0.39	ACRE	\$795
73-2017-004	ACSP	Field Border	0.63	ACRE	\$1,536
		Grassed Waterway	0.76	ACRE	\$2,082
		Diversion	0.14	LinFT	\$436
73-2017-005	ACSP	Field Border	0.06	ACRE	\$0
		Grassed Waterway	1.66	ACRE	\$4,545
73-2017-006	ACSP	Cropland Conversion - Grass	31	ACRE	\$6,975
73-2017-007	ACSP	Heavy Use Area Protection	5	EACH	\$2,204
		Livestock Exclusion Fencing	5450	LinFT	\$8,993
		Watering Tanks (Troughs)	5	EACH	\$13,848
		Stream Protection Well	1	EACH	\$4,701
73-2017-008	ACSP	Cropland Conversion - Grass	21.4	ACRE	\$4,815
73-2017-009	ACSP	Cropland Conversion - Grass	25.2	ACRE	\$5,670
73-2017-010	ACSP	Field Border	0.87	ACRE	\$1,903
		Grassed Waterway	0.79	ACRE	\$2,054
73-2017-011	ACSP	Grassed	1.14	ACRE	\$2,602
		Diversion	3155	LinFT	\$3,188
73-2017-012	ACSP	Field Border	0.24	ACRE	\$585
		Grassed Waterway	0.07	ACRE	\$192
		Diversion	300	LinFT	\$338
73-2017-013	ACSP	Grassed Waterway	0.59	ACRE	\$1,614
73-2017-014	ACSP	Field Border	0.12	ACRE	\$294
		Grassed Waterway	0.19	ACRE	\$519
73-2017-801	AgWRAP	Agricultural Pond Sediment Removal	1	EACH	\$5,000
<b>County : 74-PITT</b>					
74-2017-001	ACSP	Grassed Waterway	0.34	ACRE	\$2,542
74-2017-002	ACSP	Grassed Waterway	0.75	ACRE	\$6,244
74-2017-003	ACSP	Grassed Waterway	0.52	ACRE	\$3,088
74-2017-004	ACSP	Grassed Waterway	0.2	ACRE	\$1,277
74-2017-005	ACSP	Cropland Conversion - Grass	11.64	ACRE	\$2,619
74-2017-006	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$10,500
74-2017-007	ACSP	Cover Crops	184.7	ACRE	\$7,388

	Program	Best Management Practice	Planned	Unit	Planned Cost
74-2017-008	ACSP	Cover Crops	187.5	ACRE	\$7,500
74-2017-009	ACSP	Cover Crops	187.5	ACRE	\$7,500
74-2017-010	ACSP	Grassed Waterway	0.64	ACRE	\$3,724
74-2017-012	ACSP	Grassed Waterway	0.17	ACRE	\$903
74-2017-013	ACSP	Grassed Waterway	0.55	ACRE	\$6,821
74-2017-801	AgWRAP	Well	1	EACH	\$3,091
<b>County : 75-POLK</b>					
75-2017-277	ACSP	Livestock Exclusion Fencing	501	LinFT	\$1,268
75-2017-278	ACSP	Pasture Renovation	13	ACRE	\$4,680
75-2017-279	ACSP	Pasture Renovation	20	ACRE	\$7,200
75-2017-280	ACSP	Pasture Renovation	4.55	ACRE	\$1,365
75-2017-281	ACSP	Pasture Renovation	7.5	ACRE	\$2,250
		Livestock Exclusion Fencing	1600	LinFT	\$3,888
		Watering Tanks (Troughs)	2	EACH	\$3,660
		Stream Protection Well	1	EACH	\$7,138
<b>County : 76-RANDOLPH</b>					
76-2017-001	ACSP	Dry Stack	1	EACH	\$13,090
76-2017-002	ACSP	Heavy Use Area Protection	4	EACH	\$1,319
		Livestock Exclusion Fencing	1200	LinFT	\$2,044
		Watering Tanks (Troughs)	4	EACH	\$6,022
		Stream Protection Well	1	EACH	\$4,692
76-2017-003	ACSP	Dry Stack	1	EACH	\$18,824
		Livestock Mortality Management System - Mortality Incinerator	1	EACH	\$6,561
76-2017-004	ACSP	Heavy Use Area Protection	1	EACH	\$3,951
76-2017-501	CCAP	Cistern	1	EACH	\$66
76-2017-801	AgWRAP	Micro-Irrigation System	0.21	ACRE	\$3,710
<b>County : 77-RICHMOND</b>					
77-2017-001	ACSP	Cropland Conversion - Grass	8.8	ACRE	\$2,376
77-2017-002	ACSP	Cropland Conversion - Grass	24.8	ACRE	\$6,750
77-2017-004	AgWRAP	Agriculture Pond Repair/Retrofit	1	EACH	\$35,000
77-2017-005	ACSP	Cropland Conversion - Grass	27	ACRE	\$6,075
77-2017-007	AgWRAP	Well	1	EACH	\$4,392
<b>County : 78-ROBESON</b>					
78-2017-001	ACSP	Cover Crops	28.8	ACRE	\$1,152
78-2017-002	ACSP	Cover Crops	200	ACRE	\$8,000
78-2017-004	ACSP	Crop Residue Management	120.3	ACRE	\$7,218
78-2017-005	ACSP	Cropland Conversion - Grass	35.55	ACRE	\$7,999
78-2017-006	ACSP	Cropland Conversion - Grass	35.55	ACRE	\$7,999
78-2017-007	ACSP	Cropland Conversion - Grass	14.6	ACRE	\$3,765
78-2017-008	ACSP	Cropland Conversion - Grass	7.84	ACRE	\$1,765
78-2017-009	ACSP	Cropland Conversion - Grass	18.6	ACRE	\$4,185
78-2017-010	ACSP	Cover Crops	20	ACRE	\$800
78-2017-011	ACSP	Cropland Conversion - Grass	28	ACRE	\$6,300
78-2017-012	ACSP	Cropland Conversion - Trees	9.8	ACRE	\$1,559
78-2017-013	ACSP	Cropland Conversion - Trees	4.68	ACRE	\$743
78-2017-014	ACSP	Filter Strip	3	ACRE	\$186
		Streambank and Shoreline Protection	70	LinFT	\$1,037
		Water Control Structure	150	EACH	\$780

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Cropland Conversion - Grass	3.2	ACRE	\$794
		Livestock Exclusion Fencing	4877	LinFT	\$4,292
		Watering Tanks (Troughs)	2	EACH	\$2,449
		Stream Protection Well	1	EACH	\$1,207
<b>78-2017-015</b>	ACSP	Crop Residue Management	103.9	ACRE	\$1,465
<b>78-2017-016</b>	ACSP	Crop Residue Management	30	ACRE	\$451
<b>78-2017-018</b>	ACSP	Cropland Conversion - Grass	3.1	ACRE	\$698
<b>78-2017-019</b>	ACSP	Cropland Conversion - Grass	17.7	ACRE	\$3,983
<b>78-2017-020</b>	ACSP	Cropland Conversion - Grass	11	ACRE	\$2,475
<b>78-2017-021</b>	ACSP	Cropland Conversion - Grass	3.91	ACRE	\$881
<b>78-2017-022</b>	ACSP	Conservation Cover	17.65	ACRE	\$1,500
<b>78-2017-401</b>	ACSP	Cropland Conversion - Grass	11	ACRE	\$2,475
<b>78-2017-404</b>	ACSP	Cropland Conversion - Grass	10	ACRE	\$2,250
<b>78-2017-407</b>	ACSP	Cropland Conversion - Grass	4.9	ACRE	\$1,103
<b>78-2017-408</b>	ACSP	Cropland Conversion - Grass	16.5	ACRE	\$3,713
<b>78-2017-801</b>	AgWRAP	Well	1	EACH	\$5,000
<b>78-2017-802</b>	AgWRAP	Well	1	EACH	\$4,463
<b>78-2017-803</b>	AgWRAP	Well	1	EACH	\$5,000
<b>78-2017-804</b>	AgWRAP	Well	1	EACH	\$5,000
<b>78-2017-805</b>	AgWRAP	Well	1	EACH	\$3,938
<b>78-2017-806</b>	AgWRAP	Well	1	EACH	\$5,000
<b>78-2017-807</b>	AgWRAP	Well	1	EACH	\$5,000
<b>78-2017-808</b>	AgWRAP	Well	1	EACH	\$3,975
<b>78-2017-809</b>	AgWRAP	Well	1	EACH	\$5,000
<b>County : 79-ROCKINGHAM</b>					
<b>79-2017-001</b>	ACSP	Livestock Exclusion Fencing	750	LinFT	\$1,238
		Watering Tanks (Troughs)	9	EACH	\$19,914
		Stream Protection Well	1	EACH	\$7,138
<b>79-2017-002</b>	ACSP	Field Border	0.5	ACRE	\$0
		Grassed Waterway	0.4	ACRE	\$0
<b>79-2017-003</b>	ACSP	Field Border	1.5	ACRE	\$2,886
		Grassed Waterway	0.7	ACRE	\$2,520
		Cropland Conversion - Grass	11	ACRE	\$2,475
<b>79-2017-004</b>	ACSP	Field Border	2	ACRE	\$6,075
		Grassed Waterway	0.9	ACRE	\$2,734
<b>79-2017-005</b>	ACSP	Field Border	0.8	ACRE	\$2,430
		Grassed Waterway	1	ACRE	\$3,039
<b>79-2017-006</b>	ACSP	Field Border	0.7	ACRE	\$0
		Grassed Waterway	0.3	ACRE	\$0
<b>79-2017-007</b>	ACSP	Field Border	0.3	ACRE	\$912
		Grassed Waterway	0.4	ACRE	\$1,215
<b>79-2017-008</b>	ACSP	Field Border	0.6	ACRE	\$1,824
		Grassed Waterway	0.3	ACRE	\$912
<b>79-2017-009</b>	ACSP	Field Border	0.2	ACRE	\$609
		Grassed Waterway	1.2	ACRE	\$3,645
<b>79-2017-010</b>	ACSP	Field Border	0.5	ACRE	\$1,519
		Grassed Waterway	0.5	ACRE	\$1,519
<b>79-2017-011</b>	ACSP	Field Border	0.3	ACRE	\$1,215
		Grassed Waterway	0.3	ACRE	\$1,002
<b>79-2017-012</b>	AgWRAP	Well	1	EACH	\$4,557
<b>79-2017-013</b>	AgWRAP	Agriculture Pond Repair/Retrofit	1	EACH	\$32,500
<b>79-2017-014</b>	ACSP	Watering Tanks (Troughs)	2	EACH	\$3,990

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Stream Protection Well	1	EACH	\$7,341
<b>79-2017-015</b>	ACSP	Stock Trails & Walkways	393	LinFT	\$6,548
<b>79-2017-016</b>	AgWRAP	Well	1	EACH	\$7,739
<b>79-2017-017</b>	AgWRAP	Well	1	EACH	\$9,547
<b>County : 80-ROWAN</b>					
<b>80-2017-001</b>	ACSP	Heavy Use Area Protection	1	EACH	\$1,608
		Livestock Exclusion Fencing	1000	LinFT	\$1,800
		Watering Tanks (Troughs)	1	EACH	\$3,863
<b>80-2017-002</b>	ACSP	Heavy Use Area Protection	3	EACH	\$2,412
		Livestock Exclusion Fencing	1450	LinFT	\$2,610
		Watering Tanks (Troughs)	3	EACH	\$7,153
		Stream Protection Well	1	EACH	\$6,163
<b>80-2017-003</b>	ACSP	Heavy Use Area Protection	4	EACH	\$3,216
		Livestock Exclusion Fencing	2650	LinFT	\$4,770
		Watering Tanks (Troughs)	4	EACH	\$8,683
<b>80-2017-004</b>	ACSP	Heavy Use Area Protection	3	EACH	\$2,412
		Livestock Exclusion Fencing	4300	LinFT	\$7,740
		Watering Tanks (Troughs)	3	EACH	\$9,366
		Stream Protection Well	1	EACH	\$6,163
<b>80-2017-005</b>	ACSP	Livestock Exclusion Fencing	2500	LinFT	\$4,504
<b>80-2017-006</b>	AgWRAP	Well	1	EACH	\$7,423
<b>80-2017-007</b>	AgWRAP	Well	1	EACH	\$7,423
<b>County : 81-RUTHERFORD</b>					
<b>81-2017-601</b>	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$29,997
<b>81-2017-602</b>	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$30,001
<b>81-2017-914</b>	ACSP	Heavy Use Area Protection	4	EACH	\$1,978
		Livestock Exclusion Fencing	2400	LinFT	\$4,464
		Watering Tanks (Troughs)	4	EACH	\$7,880
		Stream Protection Well	1	EACH	\$6,212
<b>81-2017-915</b>	ACSP	Pasture Renovation	17.2	ACRE	\$2,082
		Heavy Use Area Protection	6	EACH	\$5,893
		Livestock Exclusion Fencing	5000	LinFT	\$9,300
		Watering Tanks (Troughs)	6	EACH	\$9,104
		Stream Protection Well	1	EACH	\$6,212
<b>County : 82-SAMPSON</b>					
<b>82-2017-001</b>	ACSP	Cropland Conversion - Grass	17.68	ACRE	\$4,774
<b>82-2017-002</b>	ACSP	Cropland Conversion - Trees	5.1	ACRE	\$1,211
<b>82-2017-003</b>	ACSP	Cropland Conversion - Trees	9.69	ACRE	\$1,384
<b>82-2017-004</b>	ACSP	Cropland Conversion - Grass	38.5	ACRE	\$8,663
		Waste Application Systems - Underground Main and Hydrant	1	EACH	\$17,556
<b>82-2017-005</b>	ACSP	Three Year Conservation Tillage for Grain and Cotton	43.37	ACRE	\$2,602
<b>82-2017-006</b>	ACSP	Cropland Conversion - Grass	15.5	ACRE	\$4,185
<b>82-2017-008</b>	ACSP	Cropland Conversion - Grass	5.7	ACRE	\$1,283
<b>82-2017-009</b>	ACSP	Cropland Conversion - Grass	84	ACRE	\$22,680
<b>82-2017-010</b>	ACSP	Cropland Conversion - Grass	6.7	ACRE	\$1,809
<b>82-2017-011</b>	ACSP	Cropland Conversion - Grass	9.9	ACRE	\$2,454
<b>82-2017-012</b>	ACSP	Cropland Conversion - Grass	5	ACRE	\$1,125

	Program	Best Management Practice	Planned	Unit	Planned Cost
82-2017-013	ACSP	Cover Crops	111.99	ACRE	\$4,480
		Livestock Mortality Management System - Mortality Incinerator	1	EACH	\$3,425
82-2017-014	ACSP	Cover Crops	81.07	ACRE	\$3,243
		Waste Application Systems - Underground Main and Hydrant	1	EACH	\$8,645
82-2017-015	ACSP	Water Control Structure - In-Line Structures	1	EACH	\$861
82-2017-801	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$30,000
82-2017-802	AgWRAP	Agricultural Pond Sediment Removal	1	EACH	\$6,000
		Well	1	EACH	\$4,014
82-2017-999	ACSP	Cover Crops	122.5	ACRE	\$4,900
<b>County : 83-SCOTLAND</b>					
83-2017-001	ACSP	Cropland Conversion - Grass	39.5	ACRE	\$10,665
83-2017-002	ACSP	Cover Crops	8	ACRE	\$4,292
83-2017-007	ACSP	Cropland Conversion - Grass	11.15	ACRE	\$10,569
<b>County : 84-STANLY</b>					
84-2017-001	ACSP	Livestock Mortality Management System - Mortality Incinerator	0	EACH	\$8,517
84-2017-002	ACSP	Heavy Use Area Protection	14.82	EACH	\$3,668
		Livestock Exclusion Fencing	1950	LinFT	\$3,218
		Watering Tanks (Troughs)	2	EACH	\$4,794
		Stream Protection Well	1	EACH	\$6,176
84-2017-003	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$10,500
84-2017-004	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$10,500
84-2017-005	ACSP	Pasture Renovation	14	ACRE	\$4,200
84-2017-006	ACSP	Critical Area Planting	0.1	ACRE	\$63
		Livestock Mortality Management	1	EACH	\$9,099
84-2017-007	ACSP	Drought Pasture Renovation	15.4	ACRE	\$4,620
84-2017-801	AgWRAP	Agricultural Water Supply/Reuse Pond	1	EACH	\$35,000
84-2017-802	AgWRAP	Well	1	EACH	\$7,490
<b>County : 85-STOKES</b>					
85-2017-001	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$10,500
85-2017-002	ACSP	Heavy Use Area Protection	1	EACH	\$6,053
85-2017-003	ACSP	Livestock Exclusion Fencing	572	LinFT	\$1,124
85-2017-004	ACSP	Pasture Renovation	11.1	ACRE	\$3,330
85-2017-005	ACSP	Heavy Use Area Protection	1	EACH	\$1,798
		Watering Tanks (Troughs)	2	EACH	\$3,383
85-2017-006	ACSP	Livestock Exclusion Fencing	2277	LinFT	\$427
		Watering Tanks (Troughs)	4	EACH	\$3,751
		Stream Protection Well	1	EACH	\$13,362
85-2017-007	ACSP	Livestock Exclusion Fencing	1500	LinFT	\$1,350
		Watering Tanks (Troughs)	2	EACH	\$5,251
		Stream Protection Well	1	EACH	\$5,276
85-2017-008	ACSP	Abandoned Well Closure	1	EACH	\$1,500
		Livestock Exclusion Fencing	2000	LinFT	\$3,600
		Watering Tanks (Troughs)	3	EACH	\$7,104

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Stream Protection Well	1	EACH	\$5,568
<b>85-2017-009</b>	ACSP	Cropland Conversion - Grass	8.1	ACRE	\$1,823
<b>85-2017-801</b>	AgWRAP	Well	1	EACH	\$6,000
<b>County : 86-SURRY</b>					
<b>86-2017-001</b>	ACSP	Cropland Conversion - Grass	27.28	ACRE	\$6,138
<b>86-2017-002</b>	ACSP	Heavy Use Area Protection	2	EACH	\$4,987
		Watering Tanks (Troughs)	1	EACH	\$1,692
<b>86-2017-003</b>	ACSP	Stream Crossing	1	UNITS	\$2,379
<b>86-2017-004</b>	ACSP	Livestock Exclusion Fencing	150	LinFT	\$302
		Stock Trails & Walkways	430	LinFT	\$7,075
<b>86-2017-005</b>	ACSP	Heavy Use Area Protection	5	EACH	\$5,411
		Livestock Exclusion Fencing	2,377	LinFT	\$4,421
		Watering Tanks (Troughs)	5	EACH	\$8,566
		Stream Protection Well	1	EACH	\$6,602
<b>86-2017-006</b>	ACSP	Heavy Use Area Protection	1	EACH	\$4,270
		Livestock Exclusion Fencing	400	LinFT	\$972
		Watering Tanks (Troughs)	1	EACH	\$2,128
<b>86-2017-007</b>	ACSP	Livestock Exclusion Fencing	1081	LinFT	\$2,011
		Watering Tanks (Troughs)	3	EACH	\$8,064
		Stream Protection Well	1	EACH	\$6,603
<b>86-2017-101</b>	ACSP	Heavy Use Area Protection	3	EACH	\$6,247
		Livestock Exclusion Fencing	1800	LinFT	\$2,850
		Watering Tanks (Troughs)	3	EACH	\$5,838
<b>86-2017-201</b>	AgWRAP	Well	1	EACH	\$11,803
<b>86-2017-202</b>	AgWRAP	Well	1	EACH	\$4,500
<b>86-2017-203</b>	AgWRAP	Well	1	EACH	\$8,521
<b>86-2017-204</b>	AgWRAP	Well	1	EACH	\$9,523
<b>86-2017-205</b>	AgWRAP	Well	1	EACH	\$8,523
<b>86-2017-206</b>	AgWRAP	Well	1	EACH	\$3,002
<b>86-2017-207</b>	AgWRAP	Well	1	EACH	\$2,000
<b>86-2017-801</b>	ACSP	Heavy Use Area Protection	3	EACH	\$8,319
		Stream Protection Well	1	EACH	\$4,847
<b>86-2017-901</b>	ACSP	Stream Crossing	1	UNITS	\$568
		Watering Tanks (Troughs)	1	EACH	\$2,232
<b>86-2017-902</b>	ACSP	Riparian Buffer	1.5	ACRE	\$221
		Heavy Use Area Protection	1	EACH	\$5,229
		Livestock Exclusion Fencing	1550	LinFT	\$1,922
		Stream Crossing	1	UNITS	\$1,217
		Watering Tanks (Troughs)	3	EACH	\$4,548
		Stream Protection Well	1	EACH	\$5,019
<b>86-2017-903</b>	ACSP	Riparian Buffer	0.8	ACRE	\$56
		Heavy Use Area Protection	1	EACH	\$2,302
		Livestock Exclusion Fencing	500	LinFT	\$648
		Watering Tanks (Troughs)	4	EACH	\$4,966
		Stream Protection Well	1	EACH	\$4,327
<b>86-2017-904</b>	ACSP	Heavy Use Area Protection	1	EACH	\$2,451
		Livestock Exclusion Fencing	1840	LinFT	\$2,282
		Stream Crossing	1	UNITS	\$1,558
		Watering Tanks (Troughs)	2	EACH	\$3,568
		Stream Protection Well	1	EACH	\$5,019
<b>86-2017-905</b>	ACSP	Cropland Conversion - Trees	7.2	ACRE	\$720

	Program	Best Management Practice	Planned	Unit	Planned Cost
<b>County : 87-SWAIN</b>					
<b>87-2017-199</b>	ACSP	Livestock Exclusion Fencing	1200	LinFT	\$3,142
		Watering Tanks (Troughs)	1	EACH	\$3,764
<b>87-2017-200</b>	ACSP	Rooftop Runoff Management System	1	EACH	\$1,022
		Stock Trails & Walkways	200	LinFT	\$4,998
		Watering Tanks (Troughs)	1	EACH	\$1,824
<b>87-2017-201</b>	ACSP	Livestock Exclusion Fencing	1000	LinFT	\$2,660
		Spring Development	1	EACH	\$2,671
		Watering Tanks (Troughs)	1	EACH	\$2,789
<b>87-2017-202</b>	ACSP	Livestock Exclusion Fencing	120	LinFT	\$289
		Watering Tanks (Troughs)	1	EACH	\$2,121
		Stream Protection Well	1	EACH	\$7,995
<b>87-2017-203</b>	ACSP	Heavy Use Area Protection	1	EACH	\$549
		Livestock Exclusion Fencing	800	LinFT	\$2,489
		Watering Tanks (Troughs)	1	EACH	\$1,938
<b>87-2017-204</b>	ACSP	Agricultural Road Repair/Stabilization	580	LinFT	\$3,687
<b>87-2017-502</b>	AgWRAP	Micro-Irrigation System	55	ACRE	\$30,000
<b>87-2017-503</b>	AgWRAP	Micro-Irrigation System	0.1	ACRE	\$8,603
<b>County : 88-TRANSYLVANIA</b>					
<b>88-2017-001</b>	ACSP	Pasture Renovation	3.39	ACRE	\$1,017
<b>88-2017-002</b>	ACSP	Pasture Renovation	14	ACRE	\$4,200
<b>88-2017-003</b>	ACSP	Pasture Renovation	3	ACRE	\$1,080
		Livestock Exclusion Fencing	550	LinFT	\$1,604
		Watering Tanks (Troughs)	1	EACH	\$2,385
		Stream Protection Well	1	EACH	\$5,910
<b>88-2017-004</b>	ACSP	Agrichemical Containment and Mixing Facility	1	EACH	\$1,159
<b>88-2017-005</b>	ACSP	Pasture Renovation	6	ACRE	\$2,160
		Livestock Exclusion Fencing	725	LinFT	\$2,353
		Watering Tanks (Troughs)	1	EACH	\$2,705
<b>88-2017-006</b>	ACSP	Watering Tanks (Troughs)	1	EACH	\$1,047
<b>88-2017-007</b>	ACSP	Livestock Exclusion Fencing	3100	LinFT	\$6,231
		Stream Crossing	1	UNITS	\$927
		Watering Tanks (Troughs)	1	EACH	\$1,955
		Stream Protection Well	1	EACH	\$2,263
<b>88-2017-008</b>	ACSP	Agricultural Road Repair/Stabilization	850	LinFT	\$9,727
<b>County : 89-TYRRELL</b>					
<b>89-2017-001</b>	ACSP	AIM-Water Control Structure - In-Line	1	EACH	\$524
<b>89-2017-002</b>	ACSP	Cover Crops	327.3	ACRE	\$13,092
		Land Smoothing	40	ACRE	\$7,500
<b>89-2017-003</b>	ACSP	Water Control Structure	1	EACH	\$2,663
<b>89-2017-004</b>	ACSP	Cover Crops	103.6	ACRE	\$4,144
		Land Smoothing	40	ACRE	\$7,500
<b>89-2017-005</b>	ACSP	Land Smoothing	39.51	ACRE	\$7,408
<b>89-2017-006</b>	ACSP	Land Smoothing	19.01	ACRE	\$3,564
<b>County : 90-UNION</b>					
<b>90-2017-001</b>	ACSP	Dry Stack	1	EACH	\$12,527
<b>90-2017-003</b>	ACSP	Cropland Conversion - Trees	17.43	ACRE	\$2,680
<b>90-2017-004</b>	ACSP	Dry Stack	1	EACH	\$32,473

	Program	Best Management Practice	Planned	Unit	Planned Cost
90-2017-005	ACSP	Livestock Mortality Management System - Mortality Incinerator	1	EACH	\$10,841
90-2017-006	ACSP	Livestock Exclusion Fencing	4103	LinFT	\$6,770
		Watering Tanks (Troughs)	4	EACH	\$12,390
90-2017-007	ACSP	Cropland Conversion - Grass	6.73	ACRE	\$1,514
90-2017-008	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$10,500
90-2017-009	ACSP	Cropland Conversion - Grass	8.2	ACRE	\$1,845
90-2017-010	ACSP	Cropland Conversion - Grass	10.2	ACRE	\$2,295
90-2017-801	AgWRAP	Well	1	EACH	\$4,100
90-2017-802	AgWRAP	Well	1	EACH	\$7,693
<b>County : 91-VANCE</b>					
91-2017-001	ACSP	Cropland Conversion - Grass	34.18	ACRE	\$7,691
91-2017-002	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	3.97	ACRE	\$695
91-2017-003	ACSP	Cropland Conversion - Trees	12	ACRE	\$2,205
91-2017-005	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)	11.56	ACRE	\$1,503
91-2017-006	ACSP	Agriculture Pond Resoration/Repair	1	EACH	\$5,000
91-2017-007	ACSP	Sod-Based Rotation - 4 Year SBR (29 months)	8.32	ACRE	\$1,082
		Sod-Based Rotation - 5 Year SBR (41 months)	14.57	ACRE	\$2,550
91-2017-008	ACSP	Grassed Waterway	0.36	ACRE	\$971
91-2017-009	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	42.51	ACRE	\$7,439
91-2017-010	ACSP	Cropland Conversion - Grass	12.18	ACRE	\$2,740
91-2017-011	ACSP	Cropland Conversion - Trees	9	ACRE	\$810
91-2017-012	ACSP	Cropland Conversion - Trees	7.62	ACRE	\$915
91-2017-013	ACSP	Grassed Waterway	0.81	ACRE	\$2,187
91-2017-014	ACSP	Cover Crops	10	ACRE	\$400
<b>County : 92-WAKE</b>					
92-2017-001	ACSP	Cover Crops	220.1	ACRE	\$8,839
92-2017-002	ACSP	Field Border	0.8	ACRE	\$1,470
		Grassed Waterway	0.6	ACRE	\$2,415
92-2017-003	ACSP	Cropland Conversion - Grass	14.25	ACRE	\$3,848
		Heavy Use Area Protection	2	EACH	\$1,933
		Watering Tanks (Troughs)	1	EACH	\$3,016
92-2017-004	ACSP	Grassed Waterway	0.2	ACRE	\$848
92-2017-005	ACSP	Grassed Waterway	0.5	ACRE	\$2,051
92-2017-011	ACSP	Field Border	1.42	ACRE	\$2,983
		Grassed Waterway	0.15	ACRE	\$512
92-2017-012	ACSP	Cover Crops	375	ACRE	\$15,000
92-2017-016	ACSP	Cover Crops	20.2	ACRE	\$808
92-2017-017	ACSP	Field Border	0.2	ACRE	\$679
		Grassed Waterway	0.1	ACRE	\$887
		Cover Crops	10.4	ACRE	\$416
92-2017-018	ACSP	Field Border	1.2	ACRE	\$1,522
		Grassed Waterway	1.85	ACRE	\$8,783
		Critical Area Planting	0.7	ACRE	\$2,867
92-2017-019	ACSP	Cover Crops	9	ACRE	\$360
92-2017-020	ACSP	Field Border	0.4	ACRE	\$1,112

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Grassed Waterway	0.17	ACRE	\$660
92-2017-021	ACSP	Cropland Conversion - Grass	21.7	ACRE	\$5,859
92-2017-022	ACSP	Field Border	0.5	ACRE	\$1,042
		Grassed Waterway	0.35	ACRE	\$1,569
92-2017-505	CCAP	Streambank and Shoreline Protection	128	LinFT	\$191
92-2017-506	CCAP	Streambank and Shoreline Protection	128	LinFT	\$276
92-2017-508	CCAP	Stream Restoration	59	LinFT	\$364
92-2017-509	CCAP	Streambank and Shoreline Protection	128	LinFT	\$482
92-2017-512	CCAP	Critical Area Planting	3525	SqFt	\$7,981
		Grassed Swale	1200	SqFt	\$7,019
92-2017-800	AgWRAP	Well	1	EACH	\$11,160
92-2017-801	AgWRAP	Agricultural Pond Sediment Removal	1	EACH	\$6,000
92-2017-802	AgWRAP	Agricultural Pond Sediment Removal	1	EACH	\$4,858
<b>County : 93-WARREN</b>					
93-2017-001	ACSP	Nutrient Scavenger Crop	122.2	ACRE	\$2,402
93-2017-002	ACSP	Nutrient Scavenger Crop	73.3	ACRE	\$1,450
93-2017-003	ACSP	Nutrient Scavenger Crop	52.5	ACRE	\$1,050
93-2017-004	ACSP	Cover Crops	26.2	ACRE	\$600
93-2017-005	ACSP	Cover Crops	27.5	ACRE	\$1,100
93-2017-006	ACSP	Cover Crops	50	ACRE	\$88
93-2017-007	ACSP	Heavy Use Area Protection	1	EACH	\$3,907
93-2017-008	ACSP	Cover Crops	23.4	ACRE	\$876
93-2017-009	ACSP	Heavy Use Area Protection	1	EACH	\$2,590
93-2017-010	ACSP	Heavy Use Area Protection	2	EACH	\$4,184
		Watering Tanks (Troughs)	1	EACH	\$1,060
93-2017-011	ACSP	Sod-Based Rotation - 5 Year SBR (41 months)	49.9	ACRE	\$8,735
93-2017-012	ACSP	Field Border	0.3	ACRE	\$1,200
		Grassed Waterway	0.3	ACRE	\$750
		Diversion	750	LinFT	\$318
93-2017-013	ACSP	Cover Crops	99.1	ACRE	\$1,904
93-2017-014	ACSP	Cover Crops	71.4	ACRE	\$2,656
93-2017-015	ACSP	Sod-Based Rotation - 3 Year SBR (17 months)	12.8	ACRE	\$939
93-2017-016	ACSP	Cover Crops	51	ACRE	\$462
93-2017-017	ACSP	Cover Crops	90.9	ACRE	\$2,302
93-2017-018	ACSP	Field Border	0.8	ACRE	\$2,160
		Grassed Waterway	0.4	ACRE	\$1,200
93-2017-019	ACSP	Field Border	1.3	ACRE	\$3,511
93-2017-020	ACSP	Sod-Based Rotation - 3 Year SBR (17 months)	13.05	ACRE	\$979
93-2017-021	ACSP	Grassed Waterway	1.45	ACRE	\$4,352
93-2017-022	ACSP	Field Border	0.15	ACRE	\$405
		Grassed Waterway	2.2	ACRE	\$6,025
<b>County : 94-WASHINGTON</b>					
94-2017-001	ACSP	Cover Crops	75	ACRE	\$9,999
94-2017-002	ACSP	Cover Crops	71.59	ACRE	\$2,863
		Land Smoothing	37.33	ACRE	\$6,999
94-2017-003	ACSP	Cover Crops	75	ACRE	\$3,000
		Land Smoothing	37.33	ACRE	\$6,999
94-2017-004	ACSP	Cover Crops	69.13	ACRE	\$2,765

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Land Smoothing	29.82	ACRE	\$5,591
<b>94-2017-005</b>	ACSP	Land Smoothing	37.33	ACRE	\$6,999
<b>94-2017-006</b>	ACSP	Non-Field Farm Road Repair	1	EACH	\$1,667
<b>94-2017-007</b>	ACSP	Non-Field Farm Road Repair	1	EACH	\$1,072
<b>County : 95-WATAUGA</b>					
<b>95-2017-001</b>	ACSP	Livestock Exclusion Fencing	3800	LinFT	\$9,234
		Stream Crossing	5	UNITS	\$4,125
		Watering Tanks (Troughs)	3500	EACH	\$12,432
		Stream Protection Well	1	EACH	\$4,925
<b>95-2017-003</b>	ACSP	Livestock Exclusion Fencing	750	LinFT	\$1,823
		Watering Tanks (Troughs)	3	EACH	\$5,078
		Stream Protection Well	1	EACH	\$4,925
<b>95-2017-004</b>	ACSP	Agricultural Road Repair/Stabilization	100	LinFT	\$2,149
		Heavy Use Area Protection	1	EACH	\$3,798
		Livestock Exclusion Fencing	1200	LinFT	\$2,438
		Watering Tanks (Troughs)	4	EACH	\$8,976
		Stream Protection Well	1	EACH	\$2,000
<b>95-2017-005</b>	ACSP	Livestock Exclusion Fencing	1620	LinFT	\$3,937
		Stream Crossing	1	UNITS	\$442
		Watering Tanks (Troughs)	1	EACH	\$4,273
<b>95-2017-801</b>	AgWRAP	Well	1	EACH	\$3,000
<b>County : 96-WAYNE</b>					
<b>96-2017-001</b>	ACSP	Cropland Conversion - Grass	39	ACRE	\$5,744
<b>96-2017-002</b>	ACSP	Precision Agrichemical Application	1	EACH	\$1,800
<b>96-2017-003</b>	ACSP	Precision Agrichemical Application	1	EACH	\$2,400
<b>96-2017-004</b>	ACSP	Cropland Conversion - Grass	30.21	ACRE	\$6,797
<b>96-2017-005</b>	ACSP	Precision Agrichemical Application	1	EACH	\$2,880
<b>96-2017-006</b>	ACSP	Precision Agrichemical Application	1	EACH	\$2,384
<b>96-2017-008</b>	ACSP	Precision Agrichemical Application	1	EACH	\$2,400
<b>96-2017-009</b>	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$7,500
<b>96-2017-010</b>	ACSP	Heavy Use Area Protection	1	EACH	\$3,254
		Watering Tanks (Troughs)	1	EACH	\$3,024
<b>96-2017-011</b>	ACSP	Prescribed Grazing	5.78	ACRE	\$464
<b>96-2017-012</b>	ACSP	Precision Agrichemical Application	1	EACH	\$2,384
<b>96-2017-013</b>	ACSP	Precision Agrichemical Application	1	EACH	\$2,384
<b>96-2017-014</b>	ACSP	Waste Application Systems - Mobile Application System	1	EACH	\$7,500
<b>96-2017-015</b>	ACSP	Critical Area Planting	1.8	ACRE	\$17,490
<b>96-2017-016</b>	ACSP	Precision Agrichemical Application	1	EACH	\$2,400
<b>96-2017-017</b>	ACSP	Cropland Conversion - Grass	2.1	ACRE	\$473
<b>96-2017-801</b>	AgWRAP	Well	1	EACH	\$6,413
<b>96-2017-802</b>	AgWRAP	Well	1	EACH	\$7,695
<b>96-2017-803</b>	AgWRAP	Well	1	EACH	\$4,941
<b>County : 97-WILKES</b>					
<b>97-2017-001</b>	ACSP	Heavy Use Area Protection	98	EACH	\$1,114
		Livestock Exclusion Fencing	710	LinFT	\$3,488
		Stream Protection Well	1	EACH	\$3,191
<b>97-2017-002</b>	ACSP	Heavy Use Area Protection	1	EACH	\$4,283
		Livestock Exclusion Fencing	1	LinFT	\$4,517

	Program	Best Management Practice	Planned	Unit	Planned Cost
		Watering Tanks (Troughs)		1 EACH	\$662
<b>97-2017-003</b>	ACSP	Heavy Use Area Protection		1 EACH	\$5,585
		Livestock Exclusion Fencing		924 LinFT	\$1,822
		Watering Tanks (Troughs)		2 EACH	\$2,000
<b>97-2017-004</b>		ACSP	Livestock Mortality Management		1 EACH
	Dry Stack			1 EACH	\$20,517
<b>97-2017-005</b>	ACSP	Stock Trails & Walkways		810 LinFT	\$8,852
<b>97-2017-801</b>	AgWRAP	Ag Water Collection System		1 EACH	\$10,987
<b>97-2017-802</b>	AgWRAP	Well		2 EACH	\$24,991
<b>97-2017-803</b>	AgWRAP	Well		1 EACH	\$8,798
<b>97-2017-804</b>	AgWRAP	Well		1 EACH	\$9,263
<b>97-2017-805</b>	AgWRAP	Well		1 EACH	\$10,763
<b>97-2017-806</b>	AgWRAP	Well		1 EACH	\$11,513
<b>97-2017-807</b>	AgWRAP	Well		1 EACH	\$15,263
<b>97-2017-808</b>	AgWRAP	Well		1 EACH	\$13,013
<b>County : 98-WILSON</b>					
<b>98-2017-001</b>	ACSP	Cropland Conversion - Grass		34.1 ACRE	\$7,674
<b>98-2017-002</b>	ACSP	Cropland Conversion - Grass		12.5 ACRE	\$2,824
<b>98-2017-003</b>	ACSP	Cropland Conversion - Grass		11.13 ACRE	\$2,504
<b>98-2017-004</b>	ACSP	Grassed Waterway		0.91 ACRE	\$3,511
<b>98-2017-005</b>	ACSP	Grassed Waterway		0.1 ACRE	\$5,379
<b>98-2017-006</b>	ACSP	Grassed Waterway		1.2 ACRE	\$3,690
<b>98-2017-007</b>	ACSP	Grassed Waterway		0.2 ACRE	\$2,830
<b>98-2017-008</b>	ACSP	Grassed Waterway		1 ACRE	\$2,319
<b>98-2017-009</b>	ACSP	Filter Strip		0.2 ACRE	\$353
		Grassed Waterway		1 ACRE	\$4,901
<b>98-2017-010</b>	ACSP	Grassed Waterway		1 ACRE	\$4,077
<b>98-2017-011</b>	ACSP	Grassed Waterway		0.6 ACRE	\$2,392
<b>98-2017-012</b>	ACSP	Cropland Conversion - Grass		10 ACRE	\$2,250
<b>98-2017-300</b>	ACSP	Cropland Conversion - Trees		4.78 ACRE	\$2,080
<b>98-2017-401</b>	ACSP	Non-Field Farm Road Repair		1 EACH	\$3,198
<b>County : 99-YADKIN</b>					
<b>99-2017-001</b>	ACSP	Dry Stack		1 EACH	\$41,826
<b>99-2017-002</b>	ACSP	Waste Application Systems - Mobile		1 EACH	\$10,500
<b>99-2017-003</b>	ACSP	Waste Application Systems - Mobile		1 EACH	\$10,500
<b>99-2017-004</b>	ACSP	Waste Application Systems - Mobile Application System		1 EACH	\$9,189
<b>99-2017-601</b>	AgWRAP	Well		1 EACH	\$10,000
<b>99-2017-602</b>	AgWRAP	Well		1 EACH	\$4,303

# Cost Share Programs 2017 Annual Reports

NC Soil & Water Conservation Commission

January 7, 2018

NC Department of Agriculture & Consumer Services

Division of Soil & Water Conservation  
Nonpoint Source Section



## Agriculture Cost Share Program



## ACSP FY2017 BMP Funding

Total District Funding Requests	\$18,286,819
Total State Appropriations	\$ 4,016,998
Cancel/Expired Contracts	\$ 1,837,207
Contingency Funds (5%)	-\$200,650
<b>Total Allocated FY2017</b>	<b>\$ 5,653,355</b>



## FY2017 Funding for Technical Assistance

Total appropriated	\$ 2,448,778
Technical positions (FTE) in 95 SWCDs. Cost share an average of 40.2% of salaries.	102.6
Operating Expenses (recurring and non-recurring)	\$ 1,230



## ACSP Cumulative Benefits

1984 - 2017

Total Number of Contracts	60,053
Acres Affected	3.3 million acres
Soil Saved Annually	7.6 million tons
Nitrogen (N) Saved Annually	21 million lbs
Phosphorus (P) Saved Annually	6.5 million lbs



## ACSP Program Accomplishments

1984 - 2017

Cropland Conversion	208,025 acres
Waste Structures	4,131 structures
Water Control Structures	4,436 structures
Livestock Exclusion Fencing	1,378 miles
Conservation Tillage	664,269 acres
Riparian Buffers	17,022 acres
Chemical Handling/Management	161 structures



## Community Conservation Assistance Program



## CCAP FY2017 BMP Funding

Total District Funding Requests	\$2,230,853
Total State Appropriations	\$ 200,000
Technical Assistance Allocation	\$24,660
Cancel/Expired Contracts	\$ 68,696
<b>Total Allocated FY2017</b>	<b>\$ 244,036</b>



## CCAP Regional Application Process

Region	Applications Received	Applications Funded	Conservation Practices Funded
Eastern	18	7	Marsh sills, permeable pavement
Central	16	16	Abandoned well closures, riparian buffers, Streambank stabilization
Western	15	7	Bioretention areas, stream restoration and streambank stabilization, stormwater wetland, structural stormwater conveyances

## CCAP Cumulative Benefits 2008 - 2017

Stormwater Wetlands	6.77 acres
Critical Area Plantings	41 acres
Riparian Buffers	7.1 acres
Marsh Sills	4,295 linear feet
Stream Restoration or Stabilization	58,741 linear feet
Abandoned Well Closures	267 wells
Cisterns	195 cisterns

## Agricultural Water Resources Assistance Program (AgWRAP)



## AgWRAP FY2017 Goals

- I. Conduct a competitive regional application process for selected AgWRAP BMPs.
- II. Allocate funds to soil and water conservation districts for all other BMPs.
- III. Implement Job Approval Authority Process for AgWRAP BMPs.
- IV. Conduct training for districts.

## AgWRAP FY2017 BMP Funding

Total Requested	\$6,854,975
State Appropriation	\$1,477,500
Technical Assistance, Engineering & Administration	\$150,000
Cancelled/completed contracts	\$360,558
<b>Total Allocated for BMPs FY2017</b>	<b>\$ 1,688,058</b>

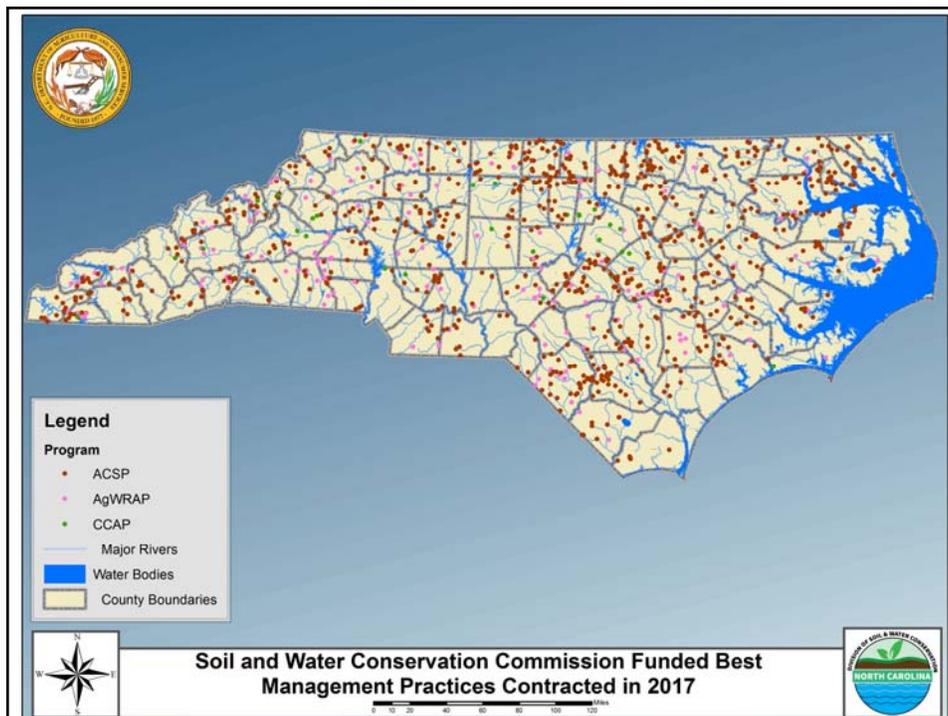
## AgWRAP Regional Application Process

Region	Applications Funded	Conservation Practices Funded
Eastern	4	New ponds, pond repair/retrofit, conservation irrigation conversion
Central	10	New ponds, pond repair/retrofits, micro-irrigation system conversions
Western	17	New ponds, pond repair/retrofits, micro-irrigation system conversions

# AgWRAP Accomplishments

2012 - 2017

Agricultural Water Use Ponds	63 ponds
Agricultural Pond Repair/Retrofits	43 ponds
Pond Sediment Removals	52 ponds
Water Supply Wells	236 wells
Conservation Irrigation System Conversions	29 systems



## Current Goals

- Continue to meet SWCC Program Review Policy
- Make upgrades to CS<sup>2</sup> to improve usability and reporting
- Work through the rule re-adoption process
- Conduct regional trainings for cost share programs across the state

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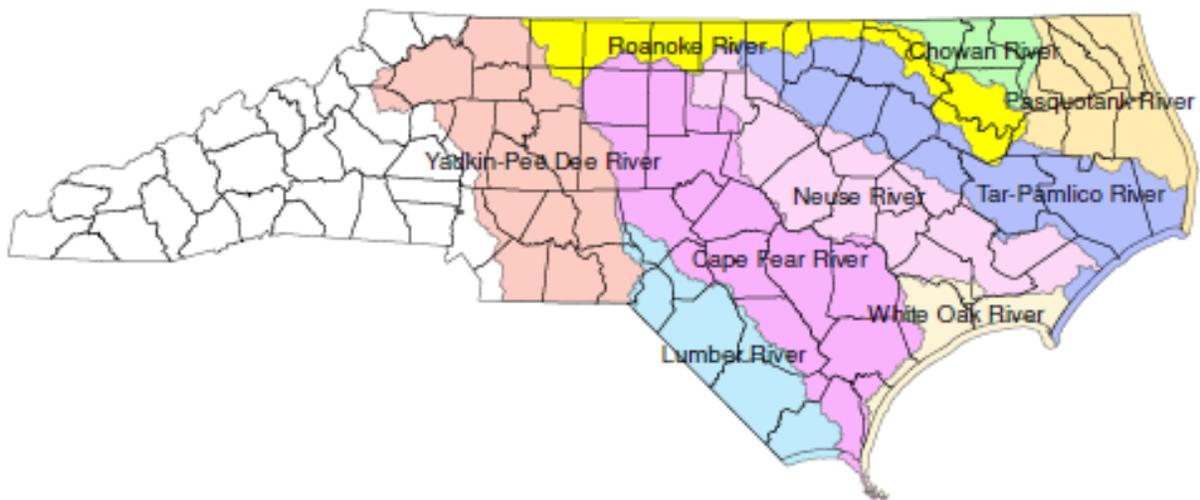
**NC Conservation Reserve  
Enhancement Program  
2017 Annual Report**

**(October 1, 2016 – September 30, 2017)**

**Submitted by the  
NC Department of Agriculture and Consumer Services  
Division of Soil and Water Conservation**

This report covers the Federal fiscal year from October 1, 2016 through September 30, 2017 fulfilling the State of North Carolina's reporting commitment. On March 1, 1999 the initial Memorandum of Agreement established the North Carolina Conservation Reserve Enhancement Program (CREP). The goal of the program was to enroll 100,000 acres of environmentally sensitive land within the Chowan, Neuse and Tar-Pamlico river basins, as well as the Jordan Lake watershed area. Through local interest and demonstration of environmental need, North Carolina requested the program to be expanded to cover 75% of the state. On May 1, 2008, the Lumber, White Oak, Yadkin-PeeDee, Roanoke, Cape Fear and Pasquotank river basins became eligible to participate in CREP. CREP enrollment is available in 76 of the 100 counties within North Carolina. The area that qualifies for CREP is shown in Figure 1.

Figure 1: CREP River Basins



Establishment of CREP provides a voluntary incentive to encourage the enrollment of farmland and marginal pastureland into long term agreements to restore and protect riparian buffers and wetlands. Practices are designed to reduce nutrient and sediment impacts to stream courses within the targeted area and thus they have a positive impact on overall water quality.

The strong partnership between the Farm Service Agency (FSA), Natural Resources Conservation Service (NRCS), N.C. Division of Soil and Water Conservation (DSWC), and the NC Forest Service provides an efficient mechanism for program delivery and implementation. Funding for the State's 20 percent match requirement is obtained from the N.C. Clean Water Management Trust Fund (CWMTF), state appropriations for the program, and the N.C. Agriculture Cost Share Program. North Carolina continues to explore additional partners for CREP.

## **CREP Objectives**

The primary objectives of CREP are to achieve, to the extent practicable, the following:

1. Provide an opportunity for farmers in North Carolina to voluntarily establish riparian and wetland areas through financial and technical assistance.
2. Restore and enhance riparian habitat corridors next to streams, drainage ditches, estuaries, wetlands, and other water courses by enrolling up to 85,000 acres of riparian forested buffers, grass filter strips and other riparian tree plantings.
3. Restore up to 15,000 acres of non-riparian wetlands either associated with drainage ditches or adjacent to primary fishery nursery areas to address impacts associated with drainage.
4. Provide a mechanism to help farmers comply with the nutrient reduction rules in the Neuse, Tar-Pamlico, Jordan Lake, and Falls Lake watersheds, and potential regulations or goals in other watersheds.

## **Accomplishments**

### ***Current YEAR Enrollment***

We closed 7 contracts on 346.56 acres, worth \$281,874 of State funds during this year. New acres amounted to 77.94 and existing buffer acres were 268.62 (new to existing ratio was 1:3.5). Two (2) contracts (40.22 acres) were for a 30-year term, with the remainder in permanent easements. State cost share payments for these projects was \$69,260.

### ***Cumulative CREP Enrollment***

CREP tracks the acreages for 30-year and permanent, existing buffer, and total enrollment. Table 1 shows the cumulative CREP acreage that has been enrolled based on contract length. For permanent easements, our current agreement with USDA permits CREP to enroll existing buffer acres in the State portion of CREP up to a 1:1 ratio of existing buffer acres to new acres. The total cumulative CREP acreage is 30,011 acres, which includes the 872 existing buffer acreage.

Table 1: CREP Enrollment Acreage by Contract Length

<b>Contract Length</b>	<b>Acreage</b>
10 or 15-year Contract	2,616
30-year	18,800
Permanent	7,721
Existing Buffer Acres	872
<b>Total CREP Enrollment</b>	<b>30,011</b>

Longleaf Pine: CREP promotes the restoration of longleaf pine ecosystems in North Carolina through providing this tree species as an exception to the CP3A Hardwood Tree Planting Practice. To date, CREP has contributed to the establishment and long-term protection of 377 acres through 30-year easements and 478 acres through permanent easements. The Tar-Pamlico, Neuse and Lumber River Basins are the primary location of the greatest number enrollments of longleaf pine. A continued increase in CP3A Hardwood Tree Planting enrollment is expected this upcoming program year. Unfortunately, CREP only enrolled 1 new property into longleaf this year but there are several projects that should be reported next year.

Pasture: CREP continues to see a steady increase in the enrollment of riparian buffers on pasture operations. Even though more of these enrollments have been in the Piedmont region of the state, the trend is moving east. Many of these farmers are willing to establish a permanent buffer along their streams to receive up to 100 percent cost sharing benefits to install fencing, watering facilities and stream crossings. Water quality benefits are substantial when considering the number of stream miles being protected through these enrollments.

Table 2 shows the distribution of CREP contracts among each eligible practice and the Federal cost share invested to install the practice. The cumulative numbers include all contracts since 1999, even if the CRP contract has expired. It is important to note that it also includes 10- and 15-year contracts that did not participate in the State Incentive Program of CREP.

Table 2: Acreage Enrollments and Federal Annual Payments by Practice

Eligible Practices	Federal Fiscal Year 2017		Cumulative*	
	Number of Acres	Estimated Federal Annual Payments	Number of Acres	Estimated Federal Annual Payments
CP3 (Shortleaf Pine)	0	0	97.2	\$ 17,109
CP3A (Hardwood & Longleaf Pine)	317.9	\$ 136,470	3,336.4	\$ 592,273
CP21 (Filter Strip)	0	0	1,916.6	\$ 453,788
CP22 (Riparian Buffer)	28.6	\$ 45,975	26,453.4	\$ 2,298,341
CP23 (Wetland Restoration)	0	0	2,171.7	\$ 355,080
CP31 (Bottomland Timber)	0	0	6.3	\$ 710
<b>Total</b>	<b>346.5</b>	<b>\$ 182,445</b>	<b>33,981.6</b>	<b>\$ 3,534,856</b>

\* includes 10- and 15-year contracts

Based on estimates of the environmental benefits of installed practices CREP estimates the nutrient and sediment reduction benefits in Table 3.

Table 3: Environmental Benefits

<b>Stream Miles Protected</b>	<b>Sediment Reduction (tons)</b>	<b>Nitrogen Reduction (lbs)</b>	<b>Phosphorus Reduction (lbs)</b>
1,085 (estimated for cumulative acres)	246,465	1,923,760	441,599

The stream miles protected is calculated with the cumulative number of CREP acres enrolled, including 10-, 15- year contracts (if known), existing acres, and 30- year and permanent easements.

The nitrogen and phosphorus estimates were calculated using the North Carolina Agricultural Nutrient Assessment Tool (NCANAT). The tons of soil saved were calculated using the Revised Universal Soil Loss Equations (RUSLE). These calculations are conservative values as the tools are unable to capture the contributions of removing livestock from streams.

### ***CREP State Incentive Enrollment***

The State Incentive Program offers long-term protection for landowners by providing the opportunity to enroll environmentally-sensitive cropland or marginal pastureland in 30-year or permanent conservation easements. CREP has been implemented in North Carolina for 17 years, enrolling more than 30,011 acres in easements and protecting approximately 938 stream miles.

### ***State Incentive by River Basin Enrollment***

The distribution of the contracts in the river basins is shown in Table 4. The original CREP area included the Chowan, Tar-Pamlico and Neuse river basins which are identified as Nutrient Sensitive Waters. Thus, these areas have the most enrollment to date. However, CREP is gaining interest in the Cape Fear and Yadkin-PeeDee river basins. This is partly due to the continued emphasis the division and local soil and water conservation districts are placing on the financial leveraging opportunities with CREP and other cost share programs for pastureland. Buffering streams and removing livestock access has proven to be a long-term solution to reduce nutrients and sediment, and allow degraded streams to restore themselves.

Table 4: Contract Distribution

<b>River Basin</b>	<b>Number of Acres</b>	<b>Number of Contracts</b>	<b>Approximate Stream Miles Protected</b>
Cape Fear	142.5	10	3.6
Chowan	5,784.4	437	161.9
Lumber	264.9	23	8.32
Neuse	5,133.3	391	154.3
Pasquotank	365.2	11	11.0
Roanoke	516.8	12	14.2
Tar-Pamlico	17,656.3	713	575.8
White Oak	5.4	1	0.30
Yadkin-PeeDee	141.8	13	15.1

Early in the program there were concerns with the approved width of the buffer practices as it relates to water quality benefits. CREP also has a wildlife component that allowed for the larger widths. However, the program enrollment size is changing as more pastureland is being enrolled. These enrollments have significantly narrower buffers, 50-100 feet. The acreages are not large however the number of stream miles that are protected through 30-year or permanent easements will prove to provide longer term water quality protection as well as provide a wildlife corridor.

### ***Contracts Upgraded to Permanent Conservation Easements***

It has been a goal of CREP to increase permanent easement enrollment. In 2008, the payment schedule was modified by including an option to allow existing enrollees to upgrade their term contract or easement to a permanent easement. In FY17, we had 2 upgrades fall through when the landowners chose to withdraw their applications. No upgrades occurred this year.

### ***Enrollment of Existing Buffer Acreage***

The CREP agreement allowing the enrollment of existing buffer in permanent easements has proven to be a success. Currently buffers between the enrolled cropland and the stream and/or adjacent to or on the opposite side of the stream can be included for permanent easement enrollments only. The acreage is also paid at the same rate for other permanent easement enrollments, \$1,000 per acre. This acreage is not included in the CRP contract and does not receive the annual payments from FSA. To date we have enrolled 872 acres of existing buffer into permanent protection.

### ***Easement Stewardship***

All acquired easements must be monitored to ensure compliance. The most effective tool available to manage monitoring initiatives is the online Property Stewardship Database. The online portal allows improved monitoring of CREP easements by providing the capacity to upload photographs;

view previous site conditions, and more efficiently track changes in ownership. Eventually the online Property Stewardship Database will automatically schedule site inspections based on risk.

In 2014, the Division approved an Easement Monitoring Protocol as standard operating procedure. All CREP easements will be placed into a tier based on easement close date, accessibility to property, adjacent properties, and violation history and potential. Depending on the tier, CREP easements will be monitored twice a year, once a year, once every other year, or once every third year. The tier system is necessary due to the limited number of monitoring staff. This protocol will ensure we monitor each easement in a systematic manner.

The following describes the four (4) risk categories and their recommended monitoring frequencies and methods.

Very High Frequency Properties – This category includes all properties where more than 50% of the conservation boundary abuts municipal parks, golf courses, residences, or any combination of these land uses. This category also includes all sites with a major violation for a minimum of two years following resolution of the violation. These sites shall be monitored semi-annually, using only on the ground monitoring.

High Frequency Properties – This category includes all properties where 20 to 50% of the conservation boundary abuts municipal parks, golf courses, residences, or any combination of these land uses. This category also includes all sites abutting current or future (if known) livestock operations where the project is subject to access by livestock in the event of a fence failure. This category includes, a change in the adjacent property (such as clear cutting or mining), natural regeneration as the practice in Zone 1, and all sites with a minor violation for a minimum of two years following resolution of the violation. These sites shall be monitored annually, using only on the ground monitoring.

Medium Frequency Properties – This category includes all properties not included in one of the other risk categories. These sites will be monitored on the ground at a minimum of every other year. Aerial reviews may be conducted in the years when on the ground monitoring is not completed.

Low Frequency Properties – This category includes all properties where more than 50% of the conservation boundary is surrounded by local, state or federal property or properties that are in natural condition and are managed for conservation. In addition, this category may include properties that the division identifies as low risk based on their past monitoring history or other site-specific factors. These sites shall be monitored on the ground at least every third year. Aerial monitoring may be conducted on these sites in years where on the ground monitoring is not conducted.

Once a site has had additional monitoring without violations, the number of properties assigned a low risk will increase.

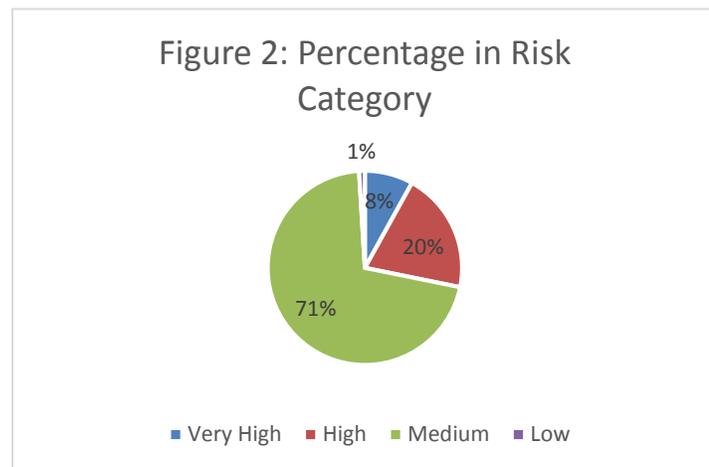
### Other Considerations for Determining Risk

In the event that adjacent land use changes are discovered during monitoring, the site risk will be reevaluated to determine if the monitoring frequency should be changed to a different risk category.

CREP staff took over monitoring duties of all CREP easements in 2013. In federal FY 2017, division staff monitored 88 properties of the 1,171 total CREP easements. In addition, staff has been working to identify the risk categories for each property. The assignment of the risk category is time consuming as it reviews previous monitoring reports, reviews aerial images, occasionally inspects the original files, and makes necessary ownership changes in the database. Table 5 demonstrates how the easements have been categorized thus far. Once a site has had additional monitoring without violations, the number of properties assigned a low risk will increase.

Table 5: Risk Category Assessments

Risk	Number
Very High	84
High	210
Medium	739
Low	10
Unassigned	127



As another mechanism of preventing easement violations, CREP staff continues to review and provide comment on all mining permits submitted to the Division of Energy, Mining, and Land Resources. In FY17, staff reviewed 37 mining permit applications.

### CREP Education and Outreach

CREP staff have taken every effort to attend workshops and training events for landowners who may be interested in CREP. Exhibition booths and materials were staffed at the Southern Farm Show, NC Association of Soil and Water Conservation Districts annual meeting, Carolina Farm Stewardship Association Conference, and the NC State Fair Soil and Water Conservation exhibit.

### DSWC Staffing Changes

The DSWC CREP unit was fully staffed until July. The southern coastal plain field rep retired leaving us one person short again. The position was filled on September 18, 2017. We continue

to make significant progress enrolling property since we focused program marketing on the benefits of pollinators, livestock operations, and sentinel lands.

### **Challenges**

#### ***Federal Payment Cap***

Many states have reported that their CREP programs cannot compete with current commodity prices. North Carolina appears to struggle with this same issue as we approach potential enrollees. CREP allows to double the soil rental rate not to exceed \$150 per acre. There are many locales where a double soil rental rate would exceed this cap. The rental cap of \$150 was created in 1999. Using an inflation calculator, an item costing \$150 in 1999 would cost approximately \$225 in 2017 (<https://data.bls.gov/cgi-bin/cpicalc.pl?cost1=150&year1=199901&year2=201709>). As of August 2017, the national average payment rental payment is \$151.09 and North Carolina's average rental rate is \$114.78 (<https://www.fsa.usda.gov/Assets/USDA-FSA-Public/usdfiles/Conservation/PDF/August%202017%20Summary.pdf>). It is recommended that our caps be re-evaluated by FSA and adjusted upwards accordingly. This is especially true since NC is well above the required 20% match.

#### ***Federal Caps on Pasture BMPs***

Since the expansion of CREP we have experienced quite a bit of interest in the western piedmont of North Carolina. Most of these enrollees or potential enrollees are pasture operators who are opting to enroll in permanent easements. CREP allows up to 100% cost share to install the practice on those permanent easements enrollments. Unfortunately, CRP has maximum caps established for several components for CP22 Riparian Buffer on marginal pastureland. These caps on the following BMPs were becoming a hindrance for landowners when deciding to commit to CREP. This is a concern because the landowners would still have to meet NRCS standard for fencing, watering facilities and livestock crossings however they would not be receiving the 100% cost share as initially understood.

- Cost share for the total of all water developments per contract shall not exceed \$4,000
- Cost share for the total of all water facilities per contract shall not exceed \$2,700
- Cost share for the total of all pipelines shall not exceed \$2,700
- Cost share for all livestock crossings is limited to \$2,000 per contract

In an effort to uphold the policy of 100% cost share on these easements, the NC Agriculture Cost Share Program has reimbursed the difference. The Division of Soil and Water Conservation is committed to continue this practice as long as funding is available or until the national caps are increased.

*State CREP Expenses*

State appropriations fully support 6 CREP staff. We use appropriations from the General Assembly and grant funds from the Clean Water Management Trust Fund for acquisitions. The N.C. Agriculture Cost Share Program can pay for a portion of all BMPs proposed for a CREP enrollment. As presented in Table 7, the State invested over \$922 thousand in CREP in 2017. To date, the State has contributed \$29.4 million. Realizing the environmental benefits (Table 3), CREP is a cost-effective method to improve water quality and wildlife habitat.

Table 7: State CREP Expenses

	<b>FY 2017</b>	<b>Cumulative</b>
State Bonus Payment for State Option	\$42,960	\$10,199,369
NCACSP Cost Share Payments	\$141,495	\$2,590,463
Soil and Water Conservation Administrative Fees	\$ -	\$73,254
State Administration Expenses	\$652,893	\$10,373,319
Operating Support	\$74,964	\$2,686,811
CREP Pilot Program	\$ -	\$12,000
Monitoring	\$ -	\$1,708,467
Stewardship	\$10,119	\$1,843,993
<b>Total</b>	<b>\$922,431</b>	<b>\$29,487,676</b>

The total expenditures (Federal and State) of CREP is presented in Table 8.

Table 8: CREP Total Federal and State Expenditures, FY 2000 - 2017

CRP Payments (Life of Contract)	\$	59,516,867
<b>Federal Cost Share</b>	<b>\$</b>	<b>3,534,856</b>
Stewardship Endowment	\$	1,843,993
State Expenses for CREP Enrollments	\$	29,487,676
<b>Total Program Costs</b>	<b>\$</b>	<b>91,663,821</b>

**Thus far the state has contributed a 33% match**, exceeding the requirement for incurring 20% of the total program costs. The state funds do not include state appropriated and awarded grant funds available, but not yet expended.

**Conclusions**

CREP provides significant environmental benefits at a low cost. The Federal annual soil rental rates and the cap should be increased. The State of NC is bearing more than their required share of the program costs. Increasing the Federal caps will return the State costs closer to the 20% match required in our agreement.



12/14/2017

Soil and Water Conservation Commission  
1614 Mail Service Center  
Raleigh, NC 27699-1614

Subject: ACSP contract approval – federal land

Dear Sirs,

As required by rule 02 NCAC 59D .0105 for the Agricultural Cost Share Program (ACSP), Dare Soil and Water Conservation District submits a request for the approval of contract 28-2018-001. The farmland associated with this contract is located on federal land of the Alligator River National Wildlife Refuge, located on mainland Dare County near East Lake. We have addressed the requested policy information below.

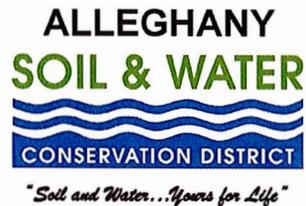
- Despite limited land for farming in Dare County, it does exist. Dare Soil and Water Conservation District is recommending this contract be approved to help improve local water quality as this region is financially dependent on clean water for tourism and commercial fisheries. Approval of this contract will permit the district to carry out an additional division cost share program that is in line with both the division and district mission "To foster voluntary, incentive-driven management of soil, water and related natural resources for the benefit of the environment and all citizens." In addition, by implementing this best management practice (BMP) on federal lands, it parallels the refuge's goals to protect habitat and water quality.
- ACSP cost share funds are necessary for the practice of land smoothing because no other federal or state programs exist to fund this BMP. Supporting practices (filter strips) exist to achieve the proper function of the selected BMP.
- This project will demonstrate best management practices to neighboring Dare County farmers and property owners. Farmers nearby will see the benefits provided by this practice; reduced nutrient loss and soil erosion. Publicizing this project through local marketing outlets in the county and district will inform property owners of soil and water cost sharing opportunities and encourage land owners to contact the district for technical assistance.

Dare Soil and Water Conservation District is eager to continue its conservation momentum with the implementation of the ACSP. Dare SWCD is typically known for its beautiful beaches, but we are proud to say that agriculture is part of our community, as it is across the state of North Carolina.

Sincerely,

A handwritten signature in black ink, appearing to read "Larry Bray". The signature is fluid and cursive, written over a white background.

Larry Bray, Board Chairman



**P O Box 127 (90 South Main Street)**  
**Sparta, NC 28675-0127**  
*Phone: (336) 372-7777*

December 20, 2017

Attn: Mr. John Langdon, Chair  
NC Commission of Soil & Water Conservation  
1614 Mail Service Center  
Raleigh, NC 27699-1614

Dear Chairman Langdon:

The Alleghany Soil and Water Conservation District requests approval to pay 75% rather than the cap allowed through average cost for a Manure Pump-chopper/agitator due to higher cost of the type equipment required to work with a new waste storage system for Mr. Steve Joines.

The District and NRCS as well as Division of Soil and Water Conservation have been working with Mr. Joines and his son Allen (operator), to provide financial and technical assistance for a new waste storage structure to replace the one that was failing. Due to the close proximity of a stream, the only structure that would fit and meet the setback requirements as well as the needs of the operation was a circular 16' deep, 80' diameter concrete structure with vertical walls.

The old pump/agitator will not work with the new system. The current cap on a manure pump/agitator is \$5339 and the cost of the pump is \$23,000 which is quite a difference. The cost on the new system will be close to \$200,000 once the final grading and ramps are complete. Mr. Joines' out of pocket cost will be approximately \$50,000. With the new system being required to meet regulations, we feel we should cover 75% of the cost of the new pump/agitator.

The District currently has Impaired/Impacted funds available that qualify to be spent in this watershed with no one else having applied for these funds. We respectfully request the Commission grant approval for the district to use these funds to reimburse \$17,250 of the \$23,000 cost, which is 75% actual cost.

Thank you for your consideration of covering 75% actual cost rather than the cap on the waste application equipment.

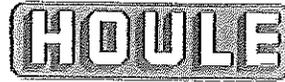
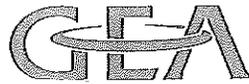
Respectfully,



Bobby Evans, Chair

Enclosures

cc: Ken Parks, NCDACS Div. of Soil & Water Conservation  
Davis Ferguson, NCDACS Western Region Coordinator  
David Tucker, District Conservationist, NRCS



## MOORE'S DAIRY EQUIPMENT INC.

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TELEPHONE (704) 872-6373 533 OLD MOCKSVILLE ROAD STATESVILLE NORTH CAROLINA 28625  
FAX NUMBER: 704-872-6374

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Mrs. Hash

Please find quote price enclosed for PTO pump for a 16ft lagoon, and operation of pump.

A handwritten signature in cursive script that reads 'Glenn C. Moore'.

Glenn C. Moore  
Moore's Dairy Equipment, Inc.  
dec. 20, 2017

PROPOSAL TO BE MADE BY \_\_\_\_\_

PROPOSAL FOR: STEVE & ALAN JOINES DATE: 11/14/17

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE OR PRSU: \_\_\_\_\_ ZIP: \_\_\_\_\_

JOB LOCATION: \_\_\_\_\_ JOB PHONE: \_\_\_\_\_

QUOTED BY: GLENN C. MOORE

We hereby submit quotation and specifications for: QUOTE 16FT TRAILER SUPER PUMP

16FT 6IN TRAILER SUPER PUMP

10 FT CYLINDER

ADDITIONAL AGITATION NOZZLE

25IN IMPELLER 540 RPM

14FT SLIDING CYLINDER FOR 16FT PUMP

6IN BY 25FT LOADING PIPE AND TRIPOD

70 ELBOW 6X6 AND 6IN DISCHARGE ELBOW

	Total Cost of Equipment	\$20,755.00
	Sales Tax	\$ _____
	Total Equipment and Sales Tax	\$ _____
	FACTORY PUMP ASSY	\$445.00
	Electrical Cost	\$ _____
	FREIGHT	\$ 1800.00
	Total Amount of Proposal	\$ 23,000.00

**WE PROPOSE** hereby to furnish material and labor—complete in accordance with above specifications, for the sum of:

PAYMENT TO BE MADE AS FOLLOWS: DOWN PAYMENT \$5000.00 BALANCE WHEN DELIVERED 18,000.00 ~~total~~ @ \$23,000.00

**IT IS UNDERSTOOD** that the equipment being sold under this contract shall not become a part of the real estate without respect to the manner affixed and that Moore's Dairy Equipment, Inc. retains legal title with right of repossession until the purchase price of the equipment and labor is paid in full.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. All payments contingent upon availability of material, strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance.

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Authorized Signatory: Glenn C. Moore  
GLENN C. MOORE - President

**Acceptance of Proposal** The above prices, specifications and conditions are satisfactory and are hereby accepted. We are authorized to do the work as outlined above.

Date of Acceptance: \_\_\_\_\_ Delivery Date: \_\_\_\_\_

Signatory: \_\_\_\_\_

Signatory: \_\_\_\_\_

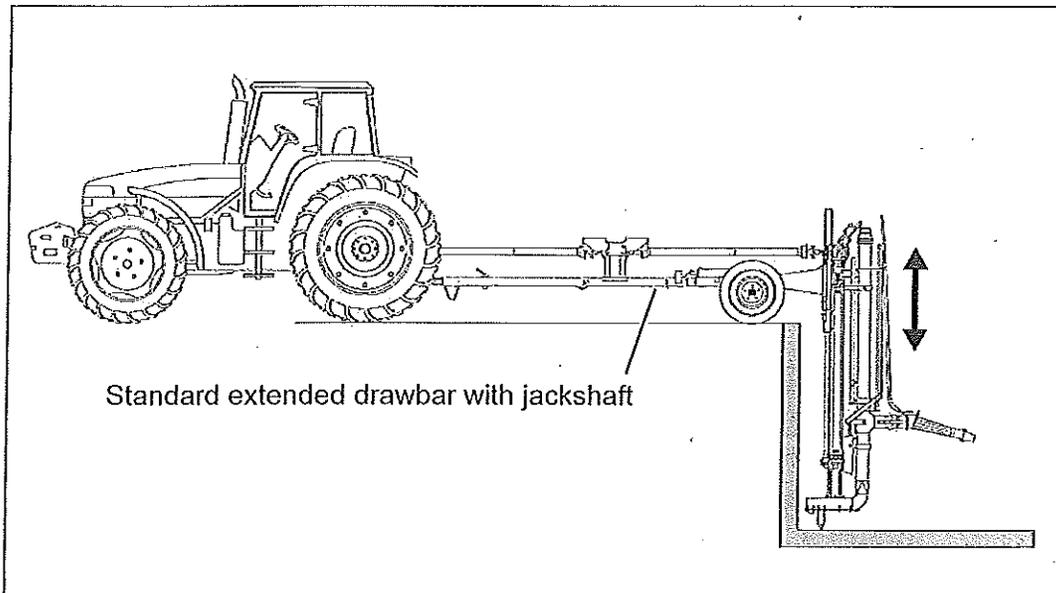
Date 09-2015  
Number TI-10009-EN  
Author Technical Services / Farm Equipment



## Trailer PTO pumps now sold in 1 foot increments

Trailer PTO pumps are now manufactured in 1 foot increments. The extended drawbar with jackshaft is now standard on all trailer PTO pumps.

Before ordering, it is very important to select a pump according to the proper pit configuration. Refer to the following pages to assist you in the selection of the appropriate pump size.

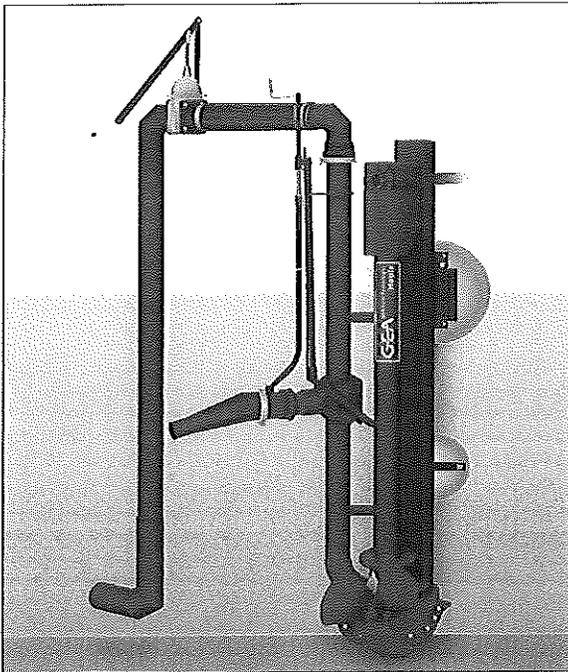


Technical information

## Agi-Pompe and Super Pump Configurations

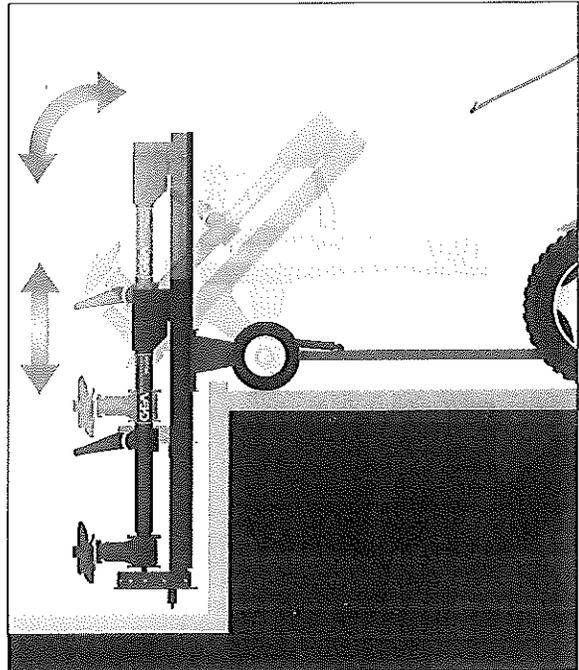
### Stationary

Pumps available for pits 5'-6" (1.7 m) deep and up.



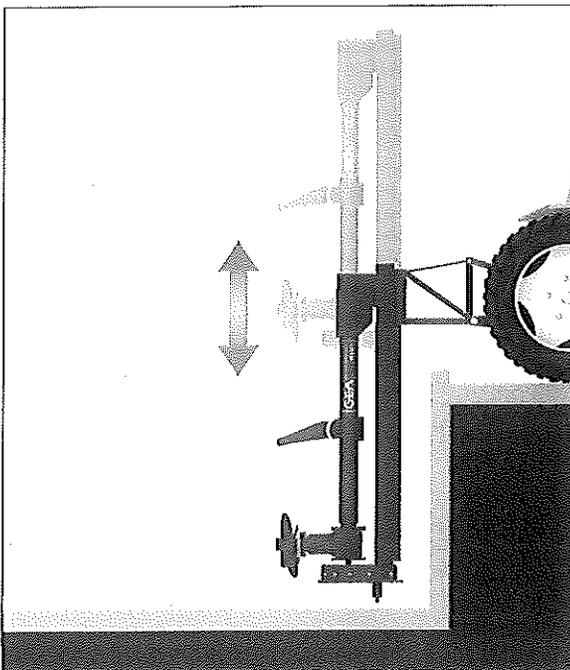
### Trailer

Pumps available for pits ranging from 5'-6" to 18' (1.7 to 5.5 m) deep.



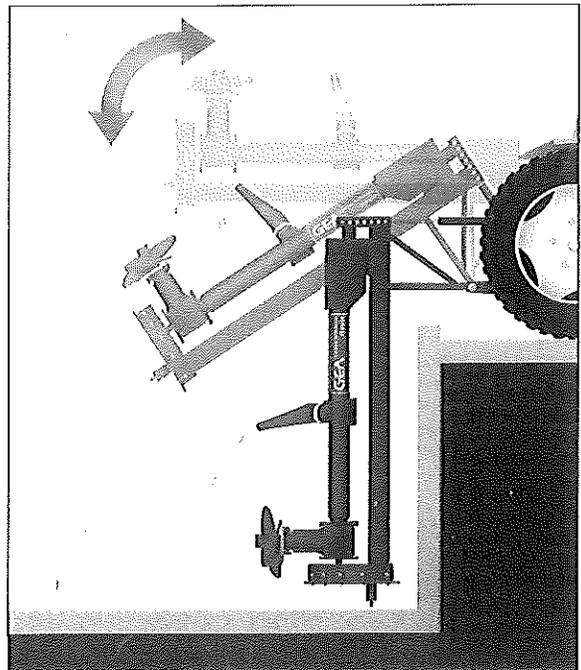
### Sliding 3-Point Hitch

Pumps available for pits ranging from 5'-6" to 12' (1.7 to 3.7 m) deep.

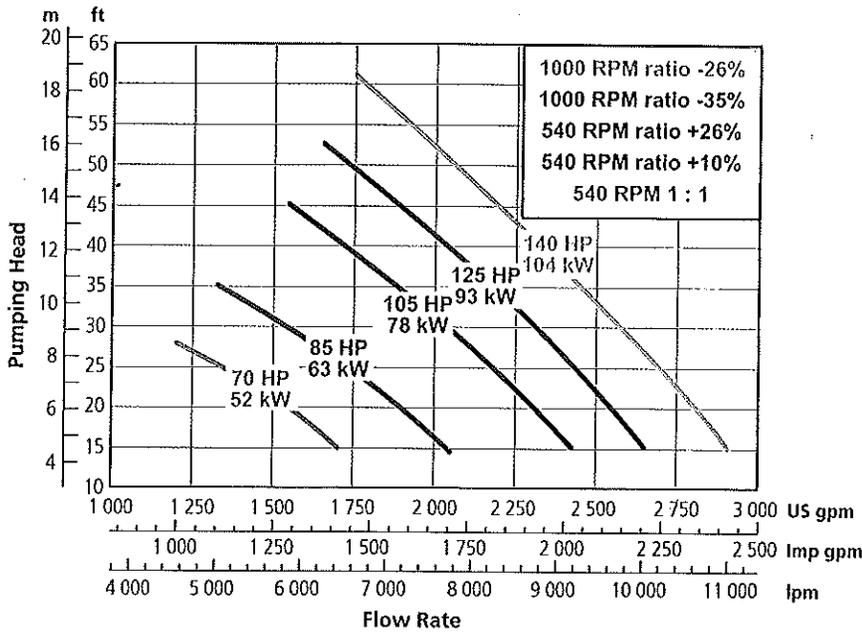


### Tilting 3-Point Hitch

Pumps available for pits ranging from 5'-6" to 13' (1.7 to 4 m) deep.



Working Range



Performance Chart

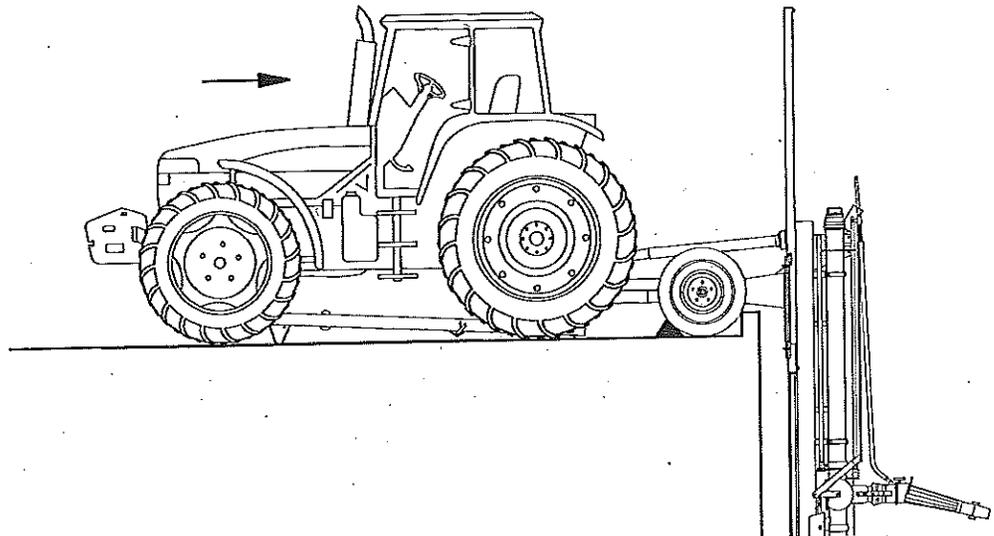
6" Agi-Pompe									
24" (610 mm) propeller and 20" (510 mm) impeller									
Ratio	RPM	Agitation Capacity							
		24" (610 mm) Propeller		3" (76 mm) Nozzle			3½" (89 mm) Nozzle		
		US gpm	lpm	US gpm	lpm	HP	US gpm	lpm	HP
-26%	1 000	26 525	100 408	1 400	5 300	140	1 750	5 300	140
-35%	1 000	24 750	93 689	1 325	5 000	120	1 625	5 000	120
+26%	540	22 975	86 970	1 200	4 500	105	1 500	4 500	105
+10%	540	20 275	76 749	1 075	4 000	85	-	-	-
1 to 1	540	18 150	68 705	950	3 500	70	-	-	-

*Performances are obtained with approx. ½" (13 mm) manure consistency.*

Operation  
Operating

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Back up the tractor.  
Hook the tractor to the secondary hitch of the trailer using the hitch pin.  
Shut off the safety valves of the tilting cylinder and install the PTO shaft.  
Jump to instructions for; **Agitation mode**



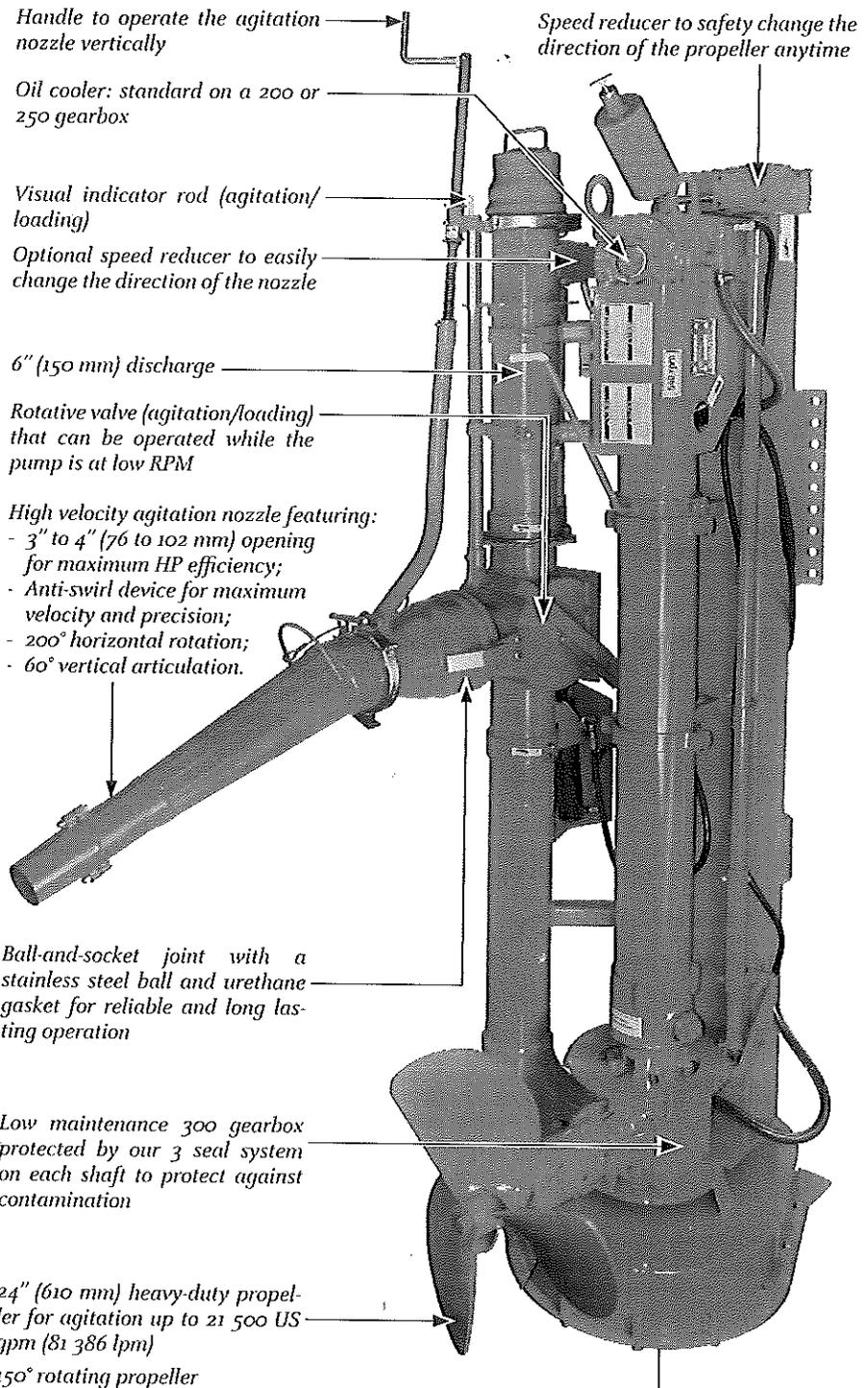
## Agi-Pompe

The Agi-Pompe, with its high quality impeller and propeller offers outstanding performance and a long life span. The Agi-Pompe is used to homogenize and transfer liquid manure containing long bedding and bottom sediments.

<b>Hog Slurry &amp; Dairy Manure</b>	Maximum transfer consistency <b>3/4" (19 mm)</b>
	Maximum agitation consistency <b>1 1/2" (38 mm)</b>
✓ Straw    ✓ Sawdust    ✓ Sand*	

\*With optional abrasive resistant steel housing and bottom plate.

Horsepower Requirements	
540 RPM	70 - 110 HP (52 - 82 kW)
1000 RPM	125 - 140 HP (93 - 104 kW)



### Impeller and Housing

20" (508 mm) impeller featuring self-cleaning blades and reversible knives at the intake.

