

SAMPSON SOIL & WATER CONSERVATION DISTRICT



2019-2020 Annual Report

Mission Statement: To take available technical, financial and educational resources and administer programs designed to encourage individual responsibility to conserve, improve and sustain our soil and water resources for future generations

SAMPSON SOIL & WATER CONSERVATION DISTRICT

Board of Supervisors



Pictured from left to right : **Vice Chairman James Lamb, Curtis Barwick, Chairman Henry Moore III, Tommy Hobbs and Craig Thornton.**

The Sampson SWCD Board of Supervisors is made up of five board members, three of which are elected and two who are appointed by the NC Department of Agriculture, Division of Soil and Water. These board positions are unpaid; therefore, the Supervisors receive no financial gain from serving on the Board. They volunteer their time and experience selflessly to benefit the landowners in Sampson County.

The Staff at Sampson SWCD are very grateful to have these dedicated gentlemen serving as our Supervisory Board. Each one of them contributes greatly to the success of conservation efforts in Sampson County

SAMPSON SOIL & WATER CONSERVATION DISTRICT STAFF



Pictured from left to right:

Melanie Harris– Soil Conservationist/Department Head

Madison Bridges- Soil Conservation Tech

Henry Faison- Soil Conservationist

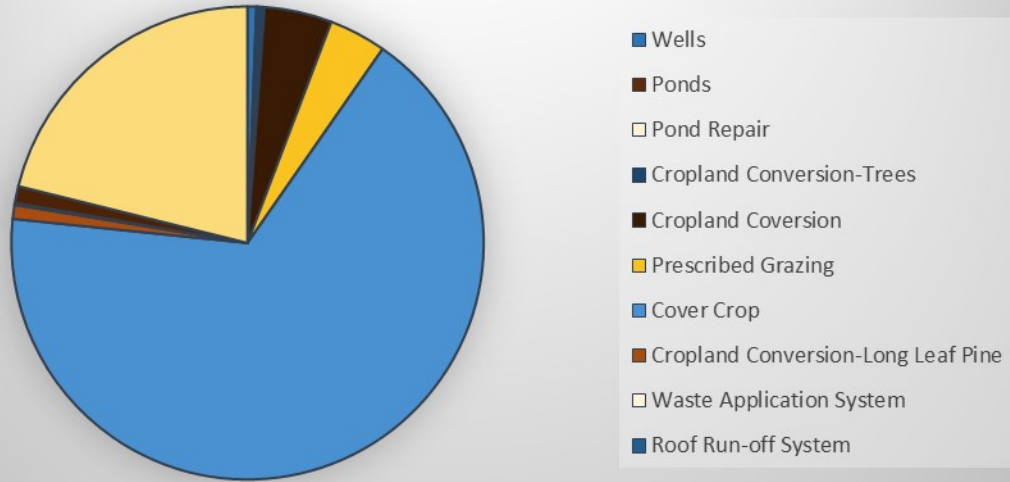
Gretta Steffens– Administrative Support Specialist /
Environmental Education Outreach Coordinator



March 1st, 2020 we said goodbye to Madison Bridges, as she made the decision to return home to Shelby, NC. The rest of the Sampson SWCD staff will miss her greatly. She was always ready with a laugh and a helping hand. Good Luck Madison!!

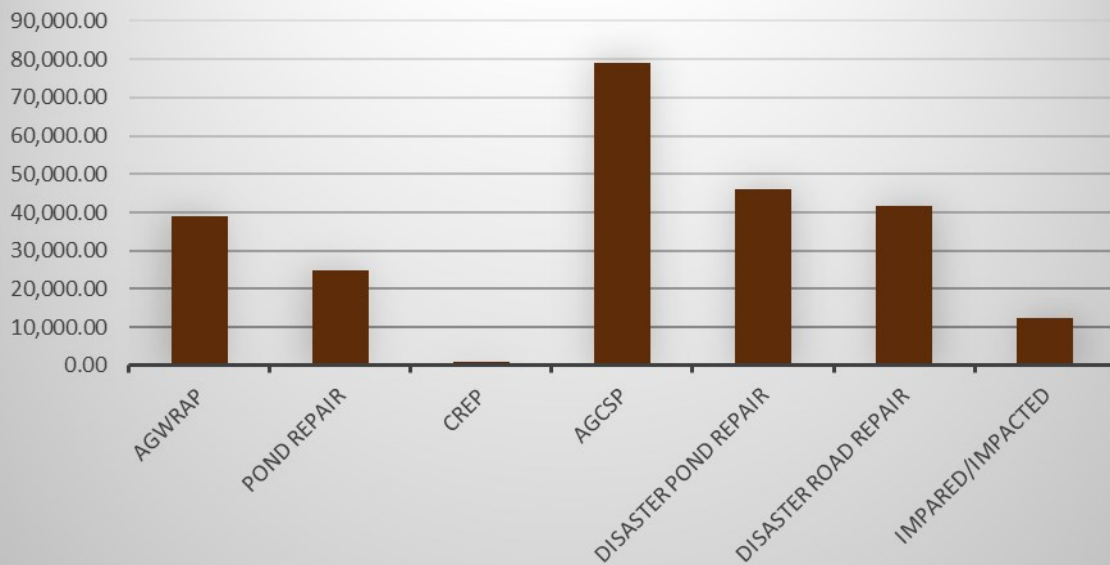


Best Management Practices FY 2019-2020



A total of \$244,837.00 was allocated to best management practices and disaster repairs during the 2019-2020 fiscal year by Sampson SWCD.

Sampson SWCD Contracts



Through hard work, dedication, technical assistance and funds allocated, Sampson SWCD and the land owners of Sampson County were able to achieve the following accomplishments in conservation.

SAMPSON SWCD ACCOMPLISHMENTS THROUGH BEST MANAGEMENT
PRACTICES FY 2019-2020

NUMBER OF CONTRACTS	41.00	
ACRES AFFECTED	154.57	ACRE
ACRES IRRIGATED	248.84	ACRE
GALLONS OF WATER INCREASED	1,654,974.00	GALLONS
NITROGEN SAVED	15,363.65	POUNDS
PHOSPHORUS SAVED	155.12	POUNDS
SOIL SAVED	2,741.61	TONS
WASTE NITROGEN MANAGED	33,998.00	POUNDS
WASTE PHOSPHORUS MANAGED	13,221.00	POUNDS

AGRI-CHEMICAL POLLUTION PREVENTION

ABANDONED TREE REMOVAL	7.10	ACRE
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AgWRAP

Agricultural Pond Sediment Removal	1.00	EACH
Agricultural Water Supply/Reuse Pond	2.00	EACH
Water Supply Well & Pump	8.00	EACH

DISASTER RESPONSE PROGRAM

Emergency Access Restoration	10.00	EACH
Non-Field Farm Road Repair	7.00	EACH

DISASTER RESPONSE PROGRAM PONDS

Disaster (75/90%) Agricultural Pond Repair/Retrofit	1.00	JOB
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EROSION/NUTRIENT REDUCTION

Cover Crops	1,303.45	ACRE
Cropland Conversion - Grass	70.50	ACRE
Cropland Conversion - Trees	20.20	ACRE
Prescribed Grazing	58.00	ACRE
Rooftop Runoff Management System	1.00	EACH

WASTE MANAGEMENT

Natural Resources Conservation Service (NRCS)

STAFF



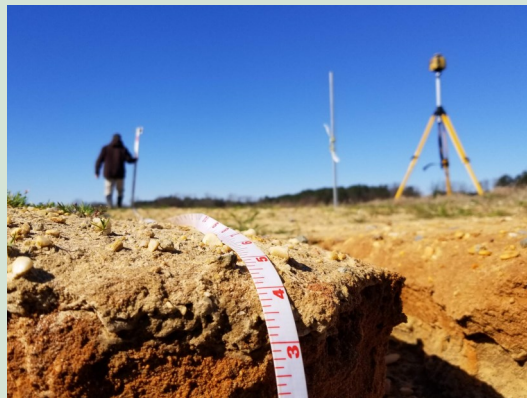
Pictured left to right:

Gavin Thompson-	Resource Conservationist, Team 17 Lead
Dwayne Faircloth-	Soil Conservation Technician
Lance Parker-	Soil Conservationist
Kellyam Valle-Cancel-	Soil Conservationist

NRCS helped to carry out Sampson SWCD's mission with \$156,322.14 paid out to landowners and farmers for best management practices administered under federal Environmental Quality Incentive Programs (EQIP), Regional Conservation Partnership Program (RCPP) and Conservation Stewardship Programs (CSP).

NRCS accomplishments in the Sampson SWCD 2019-2020

Best Management Practice	Items	Area
Animal Mortality Facility	1	
High Tunnel System	2	4,500 sq. ft.
Prescribed Burning	1	134.3 ac
Cover Crop	2	424.1 ac
Critical Area Planting	1	0.1 ac
Fence	1	2,815 ft.
Firebreak	1	6,412 ft.
Irrigation Water Management	1	77.5 ac
Tree/Shrub Site Preparation	3	119.3 ac
Roof Runoff Structure	3	
Watering Facility	1	
Lighting System Improvement	2	
Building Envelope Improvement	1	
Grassland Conservation Initiative	1	27.3 ac
Sequential Patch Burning	1	19.4



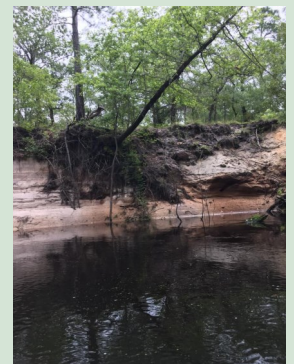
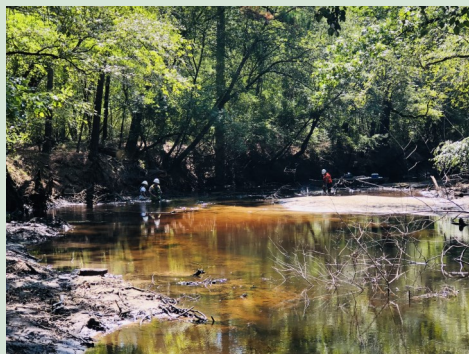
For the past few years Sampson SWCD has been working with The Coharie Tribe and The Friends of Sampson County Waterways to clean debris from Hurricanes Matthew and Florence from the rivers and streams of Sampson County.

Sampson SWCD has offered technical assistance and guidance throughout the project.



During the 2019-2020 fiscal year The Friends of Sampson County Waterways spent \$327,657.84 and The Coharie Indian Intra-Tribal Council spent \$351,185.47 on stream debris clean up along the Great Coharie River, the Little Coharie, Six Runs Creek and the Black River in Sampson County.

These funds were made possible with the help of Sampson SWCD through a stream debris clean up allocation with the NC Division of Soil and Water.



2019 State Fair

Sampson SWCD

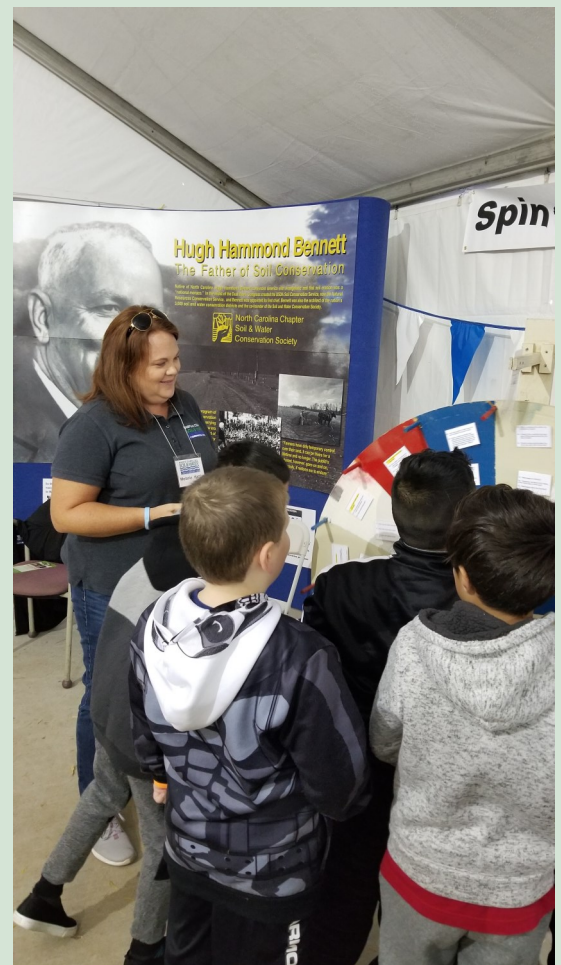
Volunteered to give presentations and run the booth at the State Fair.



The new State Fair tent was great! It was larger than before and offered so much more for fair goers to enjoy.



Sampson SWCD staff, Melanie Harris, Greta Steffens and Madison Bridges enjoyed the day volunteering at the booth, teaching conservation principles to fair goers.





Sampson County

Friday at 3:00 PM · 🌐



The Soil and Water Conservation's Melanie Harris and Gretta Steffens showing their support for Overdose Awareness Day.



Sampson SWCD Director and Soil Conservationist, Melanie Harris and Environmental Education Outreach Coordinator, Gretta Steffens prepared an in person presentation which was videoed to explain to the other Sampson County Department Heads and their staff, what it is that Soil Conservation Districts do. Melanie went through the various aspects of the technical assistance and cost share programs offered through Sampson SWCD and NRCS. Gretta went through educational outreach offered, Envirothon competitions, scholarships available

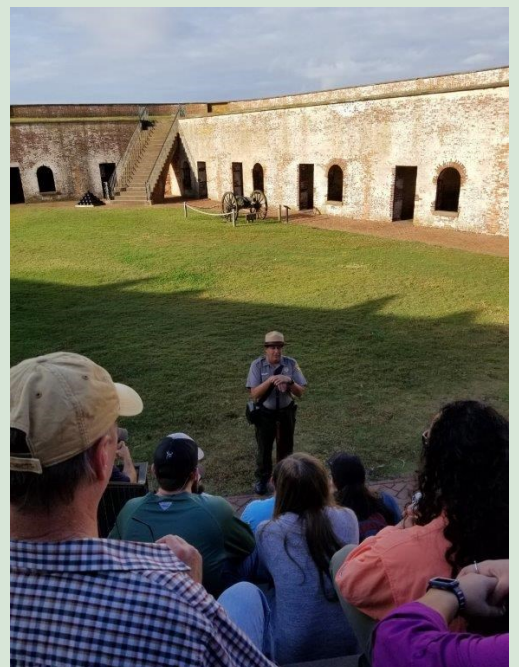
The students chosen to represent Sampson County at the 2019 Resource Conservation Workshop were honored at a dinner in September. The students shown here from left to right, Lizzy Phipps, Henry Moore IV, and Chloe Hobbs were all chosen from their prospective high schools for their interest in conservation and agricultural studies. The students each gave a presentation at the dinner of what they experienced and learned during the Resource Conservation Workshop.





2019 Conservation Employees Training

The 2019 Conservation Employees Training (CET) was held in Beaufort, NC . The Sampson SWCD staff and a few of the NRCS staff from Sampson attended. Enjoying indoor and outdoor classroom settings throughout Beaufort , Atlantic Beach, and Fort Macon area in Carteret County.

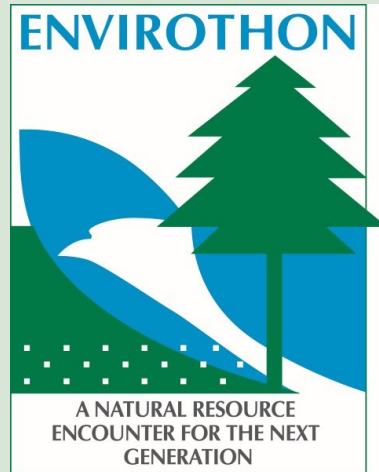




Sampson SWCD hosted the 2020 Area VII Spring Meeting. Invited speakers gave presentations on Drone applications in the field and on the upcoming Feral Swine Project.



The NCF National Envirothon was held in Raleigh for 2019. From July 28th through August 2nd, 2019, North Carolina State University was the home for high school students from all over the world. Sampson SWCD staff volunteered and worked the competition week as runners, judges, and mentors.



The National Envirothon competition hosted winning teams from all over the United States, Canada and China. These teams having won their own state competitions, came together in North Carolina to compete for the national title and a grand prize of \$15,000.





The Board of Supervisors and the Staff of the Sampson SWCD sincerely appreciates all landowners, farmers, agencies and groups who partner with us to help the District carry out its conservation mission.

Thank you.

