

**Summary of the On-Farm Water Resource Program 12.30.15
Funded by the Environmental Enhancement Grant program**

Thanks to the generous financial support provided through the Environmental Enhancement Grant program provisions of the Smithfield/Attorney General Agreement, the NC Foundation for Soil and Water Conservation (Foundation) has positively impacted water quality in North Carolina by cost-sharing for the installation of five on-farm water resource projects. By ensuring a proactive solution to limited agricultural water resources during periods of drought, stressors to surface and groundwater are lessened thereby providing better water quality and limiting impacts to wildlife habitat. Had it not been for the generosity of Smithfield and the support of the NC Attorney General these projects would not have been realized. To learn more about the Foundation visit ncsoilwater.org.

Installation procedures were conducted in accordance with national conservation best management practices technical standards. Projects were installed in conjunction with the NC Conservation Partnership; local soil and water conservation districts, NC Department of Agriculture and Consumer Services, and the USDA Natural Resources Conservation Service. Participating project installation counties included Alexander, Bertie, Chowan, Franklin, and Richmond. Projects installed and technical training achievements included;

- ✓ Installation of two new ponds and two pond repairs (sediment removal)
- ✓ Installation of one micro-irrigation system providing a 20% increase in water use efficiency
- ✓ Provided irrigation to 214 acres of row crops and a peach orchard
- ✓ Provided potable water for up to 121,000 chickens
- ✓ Provided combined total of 13 million gallons of water capacity
- ✓ Provided 90 pond planning and design training opportunities for conservation partners

EEG Grant	Grant Contribution	Partner Contributions	Total
2011	\$75,392	\$85,361	\$160,750

