

Action Plan for Nature-based Stormwater Strategies: Promoting Natural Designs that Reduce Flooding and Improve Water Quality in North Carolina

March 2021

Subset of Nature-based Stormwater Strategies Work Group Members

The listing below is a subset of professionals who contributed to the planning process and can share how the work groups helped develop recommendations outlined in the *Action Plan for Nature-based Stormwater Strategies*. These work group participants also have professional experience applying nature-based stormwater strategies (through policy or projects) statewide.

New Development Work Group



William R. Buie, P.E. (Will) is an engineer with William G. Lapsley & Associates, P.A. He is a partner in the company and serves as project manager on civil engineering projects for both public and private clients. He was lead designer of the Sierra Nevada Brewing Company brewery and distribution facility in Henderson County. wbuie@w gla.com, Hendersonville.



Kenneth Chestnut is the Chair of the Wilmington Housing Authority Board of Directors. He retired as president and CEO of IBG Construction Services LLC. in Atlanta, a company he founded in 1998. He was also a principal with The Integral Group, the affiliated vertically integrated real estate development firm based in Atlanta. kschestnut@att.net, Wilmington.



Tracy E. Davis, PE, CPM is owner and president of ATS Environmental Solutions, PLLC and retired N.C. DEQ Division Director over the Stormwater Program. He received the Professional Engineers of North Carolina Government Engineer of the Year Award in 2013 along with the National Society of Professional Engineer's 2013 Professional Engineer Award in Government Achievement and Service in the U.S. Award. He also received the Order of the Long Leaf Pine from Governor Cooper in 2017.



William F. Hunt III, PhD is a William Neal Reynolds Distinguished University Professor and Extension Specialist in NCSU's Department of Biological and Agricultural Engineering. He is actively involved with Best Management Practices (BMP) research in the Biological and Agricultural Engineering Department and is the leader of the Stormwater Engineering Research Group. wfhunt@ncsu.edu, *Raleigh*.



Mike Randall, P.E. retired in 2017 from the Stormwater Program with the N.C. Division of Energy, Mineral and Land Resources where he developed, implanted and enforced state and federal stormwater programs for 14 years. He is a strong proponent of low-impact development recognizing its environmental and economic benefits for land development. randallmike102@gmail.com *Raleigh*.



Burrows Smith is Vice President and Managing Partner of River Bluffs Development Group, and is a native of Wrightsville Beach. Mr. Smith has vast experience and a successful history in the construction industry. He incorporated several effective and economical nature-based stormwater strategies into the River Bluffs development in Castle Hayne, N.C. burrows@riverbluffsliving.com, *Wilmington*.

Stormwater Retrofit Work Group



Marlana Byrne is the Deputy Chief Resilience Officer of the N.C. Office of Recovery and Resiliency. She is an environmental and land use lawyer with extensive experience as an advisor for large scale public infrastructure, planning and capital improvement projects, as well as private development projects. marlena.byrne@ncdps.gov, *Raleigh*.



Hunter Freeman, P.E. has over 20 years of experience in stormwater design, specializing in nature based solutions and green infrastructure. Hunter has a passion for leveraging the potential of the natural landscapes to control and treat runoff in a way that enhances the quality of live in our communities. He recently joined McAdams as their Green Stormwater Infrastructure Practice Lead. freeman@mcadamsco.com. Cary



Jonathan Hinkle, P.E. started LDSI, Inc.'s Kinston, NC office where he is branch manager. He has extensive experience managing ecological restoration and stormwater projects from concept development and funding appropriation to construction support and project closeout. He served on both the Stormwater Retrofit and Working Lands Work Groups. jhinkle@ldsi-inc.com Kinston.



Amy Wang is Environmental Attorney with Ward and Smith. She leads their environmental practice and focuses on the environmental aspects of real estate and business transactions, including coastal development. She chairs Ward and Smith's Green Initiative to build and promote environmentally sustainable professional practices within the firm. APW@wardandsmith.com, New Bern.



Jason Wright, P.E. is Water Resources Engineer at Tetra Tech. He has extensive experience in watershed restoration and BMP implementation. He has assisted in developing standards for BMP design and implementation and lead efforts to identify, prioritize, and select potential BMP implementation sites and develop conceptual and full designs in an effort to meet regulatory compliance. Jason.Wright@tetrattech.com, Raleigh.

Roadways Work Group



Barbara Doll, Ph.D., PE is Water Protection and Restoration Specialist with N.C. Sea Grant. Her primary area of focus is nonpoint source pollution prevention and treatment, restoration ecology, stormwater management, stream assessment and sustainable landscaping. She served on both the Roadways and Working Lands Work Groups. bdoll@ncsu.edu, Raleigh.



Stephen Morgan, P.E. is State Hydraulics Engineer with the N.C. Department of Transportation Hydraulics Unit. He oversees all operations of the Hydraulics Unit. He has been with the Department for 28 years and is a registered professional engineer in NC. smorgan@ncdot.gov, Raleigh.



Daniel Wiebke, P.E. is Stormwater Project Manager at McAdams and President of the N.C. Water Resources Association. Daniel served on the Roadways Work Group. He is an experienced water resources engineer with a demonstrated history of working for private and local government clients. wiebke@mcadamsco.com Raleigh.

Working Lands Work Group



Bob Emory is retired environmental manager for the Southern Timberlands Operations of Weyerhaeuser Co. in New Bern and current member of the N.C. Coastal Resources Commission. In 2015 he was presented with the Eure-Gardner Award, an award presented to individuals and organizations that have protected the natural, cultural and economic resources of North Carolina's coast in significant ways. Robert.Emory@ncdenr.gov. New Bern.



Mac Gibbs is retired county extension director for the Hyde County Center of the North Carolina Cooperative Extension Service, which is part of the College of Agriculture and Life Science of North Carolina State University. Before joining the extension service over 23 years ago, Mac farmed in Hyde County. mogibbs@embarqmail.com Engelhard.



Bill Holman is N.C. State Director of The Conservation Fund. He directs their real estate program in N.C. His current projects include supporting North Carolina's conservation trust funds in the state legislature, protecting Waterrock Knob on the Blue Ridge Parkway in Haywood County, establishing Headwaters State Forest in Transylvania County, and working with water & electric utilities to increase protection of water supplies. bholman@conservationfund.org. *Chapel Hill.*