

Raritan Integrated Report Stakeholder Engagement Workshop

November 9, 2016 – 1:00 to 4:00 pm

Trayes Hall, Douglass Student Center
100 George Street, New Brunswick, NJ 08901

Purpose

The purpose of this workshop is to develop a prioritization process and strategy for restoration, protection and enhancement of waterbodies in the Raritan Water Region to inform the 2016 Integrated Water Quality Assessment Report. Stakeholders will review existing information in the context of where we should focus our collective efforts to prioritize waterbodies that are amenable to water quality improvement in the near term. Stakeholders will contribute local perspective and information on assessment units they are most familiar with, they will weigh in on potential strategies for improving surface water quality, help set overall priorities for the region, as well as contribute to implementation of identified priorities and measures by identifying those assessment units and projects they could assist with. Potential solutions to existing water quality concerns will also be explored. Q&A will follow each session.

Workshop Agenda

1:00	Welcome, Rutgers and the Raritan Collaborative	Jeanne Herb
1:10	Overview of Integrated Report project and purpose of meetings	Kimberly Cenno
	State of the Raritan/Raritan Water Region/GeoSpatial Coverage	Richard Lathrop
	Candidate List of Waterbodies on the Edge, Presentation of Data	Jack Pflaumer
2:10	Break	
2:25	2014 Integrated Water Quality Report Story Map Presentation	Trish Ingelido
2:40	Potential solutions to water quality concerns	
	• Protection/restoration	Ken Klipstein / Kathy Hale (alt)
	• 319(h) projects, stormwater management & impervious surfaces	Christopher Obropta
	• Farm projects and approaches that work	Christine Hall
3:40	Discussion and Next Steps for 2016 Integrated Report	Kimberly Cenno & Trish Ingelido

Speaker Biographies

Kimberly A. Cenzo, Bureau Chief, New Jersey Department of Environmental Protection. Kim is a graduate of Douglass College - Rutgers University and holds her bachelor's degree in Geology. While working for the NJDEP over the past 27 years, she attended the Bloustein School of Planning and Policy and earned a Master's Degree in City and Regional Planning. Currently, Kim is Chief for the Bureau of Environmental Analysis, Restoration and Standards (BEARS) within the Division of Water Monitoring and Standards. She oversees the development, adoption, and administration of New Jersey's [Surface Water Quality Standards](#) and the New Jersey [Ground Water Quality Standards](#). BEARS is responsible for determining the causes and sources of water quality impairment, the results of which are reported every two years in the [New Jersey Integrated Water Quality Assessment Report](#), which includes the Section 303(d) List of Water Quality Limited Waters (303(d) List) and developing the pollutant reductions needed for restoration of water quality through [Total Maximum Daily Loads \(TMDLs\)](#) and [watershed restoration plans](#). She also manages the Clean Water Act Section [319\(h\) Nonpoint Source Pollution Control grant program](#), [Citizen Scientist Volunteer Monitoring Program](#) as well as the [AmeriCorps New Jersey Watershed Ambassadors Program](#). She may be reached at Kimberly.cenzo@dep.nj.gov or at (609) 633-1441.

Kathy Hale, Principal Watershed Protection Specialist, New Jersey Water Supply Authority, Watershed Protection Programs. Prior to joining NJWSA, Kathy was an environmental consultant, focusing on site assessment and watershed management. After joining NJWSA, Kathy worked with stakeholders in the Lower Raritan WMA to finalize the Raritan Basin Characterization and Assessment reports and then to complete the Raritan Basin Watershed Management Plan. Kathy now works with stakeholders around the Raritan Basin to implement watershed protection and restoration projects, including watershed restoration plans, in-stream and riparian buffer restoration projects, agricultural projects, and stormwater management projects. She also works with NJWSA's land acquisition program to identify and implement stewardship activities on lands that have been preserved to protect water supply.

Kathy holds a BA in Animal Behavior from Bucknell University and an MS in Environmental Science from Indiana University, School of Public and Environmental Affairs. Kathy is also active with the NJ Section of the American Water Resources Association, serving on the board and on regional and national conference committees. She also serves on her Township's Environmental Commission.

Christine Hall, State Resource Conservationist, US Department of Agriculture – National Resources Conservation Service (NRCS). Ms. Hall began working with NRCS in 1995 as an AmeriCorps member, and then moved on to work with agricultural landowners and operators as a Soil Conservationist with NRCS. From 2004-2011 she served as the NRCS Coordinator for the Resource Conservation and Development Program, working with the North Jersey Resource Conservation and Development Council. As the federal liaison to this six county nonprofit organization, Ms. Hall has had the opportunity to work with numerous private landowners, municipalities and nongovernmental organizations to implement natural resource protection projects. From 2011 to 2013 she worked out of the NRCS State Office as a Resource Conservationist on the Programs Staff serving as the program manager for several Farm Bill programs such as the Environmental Quality Incentives Program and the Conservation Innovation Grants. Additionally, she assisted with the acquisition and monitoring of NRCS permanent wetland and farmland easement parcels.

Ms. Hall is currently the State Resource Conservationist for NJ NRCS and is responsible for providing statewide technical leadership for conservation planning, as well as guidance in formulating and recommending procedures and policies in the fields of agronomy, biology, woodland conservation, plant materials, economics, recreation, water quality, grazing and resource development planning. Ms. Hall received a B.S. in Natural Resource Management from Cook College, Rutgers University.

Jeanne Herb, Associate Director, Environmental Analysis & Communications Group, Edward J. Bloustein School of Planning and Public Policy, Rutgers, the State University of New Jersey. Jeanne's work at the Bloustein School focuses on collaborative research and applied projects that advance sound environmental and sustainability policy and practices at the state, local and regional levels. Among other projects, Jeanne co-leads the *Sustainable Raritan River Initiative*, co-facilitates the *New Jersey Climate Adaptation Alliance*, a network of governmental, non-profit, and business organizations focused on advancing climate change policies and practices in New Jersey, and co-facilitates the *Planning Healthy Communities Initiative* that seeks to integrate consideration of health into all policies. Prior to joining the Bloustein School, Jeanne was the Assistant Commissioner for Policy, Planning and Science at the New Jersey Department of Environmental Protection where she led multidisciplinary and cross-program efforts related to climate change and energy, Environmental Justice, smart growth and sustainable development, environmental health and science policy and coastal management. Earlier in her career, Jeanne was the Manager for the Public Policy Program at the non-profit Tellus Institute, was the founding Director of the New Jersey Pollution Prevention Program and oversaw risk reduction and risk communication efforts at the New Jersey Department of Environmental Protection. Jeanne has a Master degree in environmental journalism from The New York University and a Bachelor's degree in environmental studies and education from Rutgers University.

Trish Ingelido, Supervisor, New Jersey Department of Environmental Protection.

Ken Klipstein, Director, Watershed Protection Programs, New Jersey Water Supply Authority. Ken has managed the NJ Water Supply Authority's Watershed Protection Programs since March 2008. Prior to joining the Authority, Ken worked for 20 years at the New Jersey Department of Environmental Protection, where he most recently served as Bureau Chief for Watershed Planning. His non-profit interests include board positions with the Pinchot Institute for Conservation, the New Jersey Conservation Foundation, the New Jersey Invasive Species Strike Team and the Tewksbury Land Trust. He holds a B.S. in Environmental Planning from Cook College, Rutgers University, and an A.A.S. in Civil Technology from the University of New Hampshire.

Richard G. Lathrop, Jr., Ph.D., Director, Grant F. Walton Center for Remote Sensing & Spatial Analysis and inaugural holder of the Johnson Family Chair in Water Resources and Watershed Ecology. Rick Lathrop was appointed to the Johnson Family Chair in December 2015 to lead an interdisciplinary program to study the intersection of human activities, aquatic ecosystems and stewardship of water resources in the Raritan watershed. He co-leads the Sustainable Raritan River Initiative, has been a professor in the Department of Ecology, Evolution & Natural Resources, School of Environmental & Biological Sciences, Rutgers University since 1989, and has served as Director of the Walton Center for Remote Sensing & Spatial Analysis since 1999. The mission of the Walton Center is advancing the development and application of geospatial information science and technology to address issues in the environment, agriculture and natural resources. Rick received his doctorate from the University of Madison – Wisconsin in 1988 for *The Integration of Remote Sensing and Geographic Information*

Systems for Great Lakes Water Quality Monitoring. He holds an MS in Environmental Monitoring and an MS in Forestry from the University of Wisconsin-Madison and a BA in Biology from Dartmouth College. Dr. Lathrop's research program works to integrate insights from landscape ecology and geography with the application of geo-spatial information science and technology to improve our understanding of the structure and function of coupled human-environmental systems. Working with partners, he attempts to translate that understanding into place-based decision-making that promotes informed and effective natural resources conservation, watershed management, and land use planning policies.

Christopher C. Obropta, Ph.D., P.E., is the Director of the New Jersey Water Resources Research Institute, an Extension Specialist in Water Resources with Rutgers Cooperative Extension, and an Associate Professor with the Department of Environmental Sciences at the School of Environmental and Biological Sciences, Rutgers University. He has a doctorate in Civil Engineering from Stevens Institute of Technology, an M.S. in Civil Engineering from New Jersey Institute of Technology, and a B.S. in Civil Engineering from New Jersey Institute of Technology. Prior to joining Rutgers, Dr. Obropta was an environmental consultant for 12 years at Omni Environmental Corporation in Princeton, New Jersey. With his extensive and impressive background, Dr. Obropta leads his highly specialized staff from the Rutgers Cooperative Extension Water Resources Program to identify and address community water resources issues using sustainable and practical science-based solutions throughout New Jersey. Over the last several years, he and his staff have been working with communities to implement green infrastructure practices throughout the urban centers of New Jersey. These practices have been designed to be climate resilient and to help communities reduce their flooding risk.

Jack Pflaumer, Environmental Scientist 1, New Jersey Department of Environmental Protection. Jack Pflaumer has been with NJDEP for 16 years focused on water resources. He currently works for the Bureau of Environmental Analysis, Restoration and Standards within the Division of Water Monitoring and Standards. Jack is a lead scientist for water analysis and also is involved in surface water quality standards as well as restoration.