

JERSEY WATERWORKS CONFERENCE 2019

DECEMBER 13, 2019 | HYATT REGENCY | NEW BRUNSWICK

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Smart infrastructure. Strong communities.

Our communities, our health, and our economy depend upon modern, robust drinking water, wastewater, and stormwater systems. However, these systems are in desperate need of upgrades. And the problem is too big for one organization to tackle alone.

The Jersey Water Works collaborative engages people from an array of viewpoints, all with the goal of transforming New Jersey's inadequate water infrastructure.

Together, we are achieving healthier, more prosperous and just communities, and a more sustainable environment.



JERSEY WATER WORKS

info@jerseywaterworks.org / JerseyWaterWorks.org



WELCOME

Welcome to the fifth annual Jersey Water Works conference!

Drips become floods. When the small failures of water infrastructure systems go unaddressed, their cumulative impact overwhelms communities, especially those with the fewest resources. Jersey Water Works is about getting ahead of these problems. But this particular metaphor flows both ways: by working together, collaborative members compound their ability to make change.

After five years, JWW is changing the conversation on water infrastructure. Consider these 2019 policy wins:

- Stormwater utilities were legally authorized, providing local governments with a new funding option to manage stormwater.
- The New Jersey Department of Environmental Protection finalized a new stormwater rule that requires green infrastructure.
- The governor and legislature made public commitments and introduced bills to advance recommendations made by the JWW Lead in Drinking Water Task Force.

Of course, the most important work takes place in local drinking water, wastewater, and stormwater systems. For a sample of the many ways utilities and other water sector members are advancing JWW goals on the ground, check out this year's member commitments, view the collaborative's accomplishments on pages 12-13, and applaud the One Water Award winners shown on the inside back cover.

We could not hold this conference without the generous support of our sponsors. Please join us in thanking them.

There's still more to do. Our hope is that by attending this conference, you are able to see the impact you are having and recommit to this work. If you are not already a Jersey Water Works member, we hope that today will inspire you to join us in our efforts.

JANE KENNY

Whitman Strategy Group
Co-Chair, Jersey Water Works

MARK MAURIELLO

Edgewood Properties
Co-Chair, Jersey Water Works



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AGENDA

8:00 AM REGISTRATION OPENS

9:00 AM WELCOME

9:10 AM CONNECTING TO WATER THROUGH ARTS
• JOHN KELLER, coLAB Arts

9:25 AM FITTING IT ALL TOGETHER: The Pipes in the Ground
• KAREEM ADEEM, City of Newark

9:30 AM UPDATES FROM THE U.S. EPA
• WALTER MUGDAN, U.S. Environmental Protection Agency

10:00 AM TRENDING NOW: New Jersey's Top Water Infrastructure Issues
• ANA BAPTISTA, The New School (*moderator*)
• RICHARD CALBI, Ridgewood Water
• MELISSA ELLIOTT, Raftelis
• JENNIFER GONZALEZ, City of Hoboken
• TROY SINGLETON, New Jersey State Senator (LD7)

11:15 AM BREAK AND NETWORKING

11:30 AM GREETING
• DON SHIELDS, New Jersey American Water

11:35 AM KEYNOTE ADDRESS: BUILDING TRUST IN A TIME OF TROUBLED WATERS
• GEORGE HAWKINS, Moonshot Missions

12:15 PM RECOGNIZING OUR PROGRESS:
Jersey Water Works Accomplishments and Commitments for 2020
• JANE KENNY, Whitman Strategy Group; Co-Chair, Jersey Water Works*
• MARK MAURIELLO, Edgewood Properties; Co-Chair, Jersey Water Works*
• NICOLE MILLER, MnM Consulting*
• ED POTOSNAK, New Jersey League of Conservation Voters*
• *Announcement of NEW JERSEY ONE WATER AWARD WINNERS*

12:40 PM LUNCH AND NETWORKING

1:20 PM BREAKOUT SESSIONS (*Session descriptions can be found on pages 7-8*)
• ONCE AND FOR ALL: Solving Lead in Drinking Water
• NO LONGER OPTIONAL: NJDEP'S New Green Infrastructure Requirements
• CAMDEN: An Equitable Water Future

2:30 PM ADJOURN

* Jersey Water Works Steering Committee member
The conference is approved for 2.5 AICP certification maintenance credits.



Water Infrastructure Issues?



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CONNECTING TO WATER THROUGH ARTS

9:10 AM

coLAB Arts engages artists, advocates, and communities to create transformative new work. This presentation focuses on the joint project of #LookForTheRiver with partner organization Lower Raritan Watershed Partnership to create arts projects and programs that inspire communities to create more livable, sustainable, and exciting environments through art.

- **JOHN KELLER**, Director of Education and Outreach, coLAB Arts

FITTING IT ALL TOGETHER: The Pipes in the Ground

9:25 AM

What do we know about the pipes that carry our drinking water? What are they made of? What do they look like? Kareem Adeem will engage the audience with a visual demonstration and explanation of the water infrastructure we rely on every day.

- **KAREEM ADEEM**, Acting Director, City of Newark Department of Water and Sewer Utilities

UPDATES FROM THE U.S. EPA

9:30 AM

Walter Mugdan will deliver updates on the work of the U.S. Environmental Protection Agency and how it affects New Jersey.

- **WALTER MUGDAN**, Deputy Regional Administrator, Region 2, U.S. Environmental Protection Agency

AGENDA

10:00 AM

MORNING PANEL

Trending Now: New Jersey's Top Water Infrastructure Issues

Water infrastructure has been a big story in the news this year. From lead in drinking water forcing residents to drink bottled water to harmful algae blooms causing lakes to close, there are many areas of concern. Panelists will talk about the biggest issues they see facing the state – covering the Water Quality Accountability Act, climate change, contaminants, aging infrastructure, and more – and how our state government, communities, and utilities can best respond to them.

- **ANA BAPTISTA**, Assistant Professor of Professional Practice and Chair of Environmental Policy and Sustainability Management Program, The New School (*moderator*)
- **RICHARD CALBI**, Director of Operations, Ridgewood Water
- **MELISSA ELLIOT**, Director of Strategic Communication Services, Raftelis
- **JENNIFER GONZALEZ, AICP, PP, CFM**, Director of Environmental Services/Chief Sustainability Officer, City of Hoboken
- **TROY SINGLETON**, New Jersey State Senator (LD7)

11:35 AM

KEYNOTE ADDRESS: BUILDING TRUST IN A TIME OF TROUBLED WATERS

George Hawkins is known nationally for his work at DC Water. Now with Moonshot Missions, which helps utilities “no matter how big or small, no matter how well-funded or not... achieve their moonshot,” George will speak to the challenges facing water systems and opportunities to build trust and achieve improved performance and reduced costs.

- **GEORGE HAWKINS, ESQ.**, Founder and President, Moonshot LLC and Moonshot Missions

BREAKOUT SESSIONS
1:20 PM

Once and For All: Solving Lead in Drinking Water

Lead continues to be a legacy problem affecting cities and towns across New Jersey. Jersey Water Works Lead in Drinking Water Task Force members will discuss the challenges presented by lead in drinking water and the comprehensive package of solutions they released in October 2019. They will engage the audience in reviewing progress on implementation and ways to overcome key challenges.

- **CHRIS DAGGETT**, Former President and CEO, The Geraldine R. Dodge Foundation (*moderator*)
- **KAREEM ADEEM**, Acting Director, City of Newark Department of Water and Sewer Utilities
- **GARY BRUNE**, Policy Manager, New Jersey Future
- **AMY GOLDSMITH**, State Director, Clean Water Action
- **TOM SHROBA**, Vice President of Operations, New Jersey American Water

No Longer Optional: NJDEP's New Green Infrastructure Requirements

Despite green infrastructure's well-documented stormwater management benefits, many stormwater plans and projects continue to rely exclusively on traditional gray approaches. With anticipated new NJDEP regulations requiring green infrastructure, that will change. Learn how these rules will affect your community and how to prepare.

- **KANDYCE PERRY**, Planning and Policy Manager, New Jersey Future (*moderator*)
- **CHRIS OBROPTA, PH.D., P.E.**, Extension Specialist in Water Resources, Rutgers Cooperative Extension
- **GEORGE VALLONE**, President, Hoboken Brownstone Company
- **ANTHONY PERRY**, Mayor, Middletown Township
- **GABRIEL MAHON**, Bureau Chief, New Jersey Department of Environmental Protection

This session has been approved for one credit for Professional Engineers and Land Surveyors (CPC credits).

Camden: An Equitable Water Future

What is water equity? Is it access to clean drinking water? Protection from polluted combined sewer overflows? Affordability? Water leaders in Camden have been on a year-long journey to seek out answers to these and similar questions. Come learn about how they plan to address water equity as they share lessons and insights that can benefit all New Jerseyans.

- **MEISHKA MITCHELL**, Vice President, Cooper's Ferry Partnership (*moderator*)
- **DANIELLE DENK**, Program Director, Parks for People Camden,
The Trust for Public Land
- **ANDY KRICUN**, Executive Director and Chief Engineer, Camden County
Municipal Utilities Authority
- **KEANNA RALPH**, Founder and Chief Executive Officer, DreamChasers
International Consulting Group

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ABOUT JERSEY WATER WORKS

Jersey Water Works is a cross-sector collaborative of individuals and organizations focused on transforming New Jersey's inadequate urban water infrastructure by investing in sustainable, cost-effective solutions that provide communities with clean water and waterways; healthier, safer neighborhoods; local jobs; flood and climate resilience; and economic growth.

Jersey Water Works is led by a steering committee. Its members advance the organization's shared goals through their own work, in collaboration with each other, and through participation on various committees. New Jersey Future facilitates Jersey Water Works as its "backbone" organization.

Jersey Water Works' members receive support from a range of governmental and private philanthropic organizations, including The Fund for New Jersey, The Kresge Foundation, the Pisces Foundation, the Robert Wood Johnson Foundation and New Jersey Health Initiatives, Spring Point Partners, the Surdna Foundation, the Victoria Foundation, and the William Penn Foundation. The collaborative's deep gratitude goes to The Geraldine R. Dodge Foundation for its foundational support and unwavering belief in the power of Jersey Water Works to drive systemic change.

Through participation on committees, and their own work, member individuals and their organizations advance the following goals:



EFFECTIVE AND FINANCIALLY SUSTAINABLE SYSTEMS

Communities maintain and improve drinking water, wastewater, and stormwater infrastructure systems to deliver quality water services that meet community needs. Operating budgets and capital investment are adequate and affordable, resulting in systems that operate efficiently and in a state of good repair.



EMPOWERED STAKEHOLDERS

Well-informed decision makers, community partners, residents, and ratepayers participate actively and influence the planning and management of their water infrastructure. They fully understand the importance of taking care of water infrastructure, including the costs of inaction.



SUCCESSFUL AND BENEFICIAL GREEN INFRASTRUCTURE

Communities employ green infrastructure in a way that maximizes community benefits, including reduced flooding and improved water quality, local economies, community health, and long-term resilience.



SMART COMBINED SEWER OVERFLOW CONTROL PLANS

Municipalities and utilities adopt innovative CSO Long Term Control Plans (LTCs) with cost-effective solutions that meet or exceed permit requirements and provide multiple community benefits.

To learn more about Jersey Water Works and its full set of goals, or to join the collaborative, visit jerseywaterworks.org.

LEADING ON LEAD IN DRINKING WATER

To address the risk from lead in water, Jersey Water Works, with support from The Fund for New Jersey, convened a 30-member task force of representatives from local, state, and federal governments; water utilities; academia; environmental, smart growth and community advocates; and public health organizations.

The task force's final report, *Lead in Drinking Water: A Permanent Solution for New Jersey*, includes a comprehensive set of actions, which together can enable New Jersey to virtually eliminate lead in drinking water in 10 years, such as:

- A coordinated state-level campaign to address lead from all sources: water, paint, and soil.
- A package of legislation that would simultaneously require and empower water utilities to replace dangerous lead pipes regardless of ownership.
- Financial solutions that include ratepayer funding and a state subsidy program.
- State regulations, outreach programs, and transparency measures to ensure safe drinking water in homes.
- Special actions to address lead in water in schools and child care facilities.

Implementation is well underway. At the Jersey Water Works press conference on Oct. 10, Governor Murphy announced a comprehensive initiative to address lead from all sources, including water. In November, the legislature began consideration of bills to address lead in water. Meanwhile, the New Jersey Department of Environmental Protection launched a stakeholder process to discuss changes to its lead regulations.



The Jersey Water Works Lead in Drinking Water Task Force looks forward to working with state leaders to fully implement its recommendations.

Jersey Water Works Lead in Drinking Water Task Force releases its report on October 10, 2019.

2019 ACCOMPLISHMENTS

Within committees, Jersey Water Works members worked across sectors to adopt a 2019 Work Plan that would advance the collaborative's shared goals and improve social equity.

GREEN INFRASTRUCTURE COMMITTEE

- **Worked with NJDOT and other partners to develop a new Complete and Green Streets policy** that includes language for health, equity, and green infrastructure.
- **Conducted nine Green Infrastructure Champions workshops** in partnership with Rutgers Water Resources program and established an advisory committee.
- **Conducted a national survey of stormwater utility incentive programs** for green infrastructure.

ASSET MANAGEMENT AND FINANCE COMMITTEE

- **Published a white paper on policy options** for improving water and wastewater affordability for low-income customers.
- **Conducted a study of capital investment** by drinking water utilities statewide.
- **Sent recommendations to NJDEP for Water Quality Accountability Act reporting**, in partnership with the American Water Works Association (AWWA).

EDUCATION AND OUTREACH

- **Produced a menu of action options** for individuals and organizations to reinforce the efforts of Jersey Water Works.
- **Raised awareness of water workforce opportunities** on two tours of water treatment facilities.
- **Promoted Infrastructure Week and Imagine A Day Without Water** by hosting a workshop on an Applicants Guide for the New Jersey Water Bank, providing tours of wastewater treatment plants, and conducting a social media campaign.

2019 ACCOMPLISHMENTS

COMBINED SEWER OVERFLOW (CSO) COMMITTEE

- **Produced a summary of Development and Evaluation of Alternatives Reports** that CSO permit holders submitted to NJDEP.
- **Created an assessment of access to water workforce jobs** for low-income communities and communities of color affected by CSOs.
- **Gave multiple presentations at industry events** on technical research conducted by the committee.

LEAD IN DRINKING WATER TASK FORCE

- **Released a final report** with comprehensive recommendations to virtually eliminate lead in drinking water in New Jersey.
- **Hosted a press event and a webinar** to share solutions with stakeholders.

STEERING COMMITTEE

- **Suggested equity-oriented project ideas** to JWW committees.
- **Identified processes and projects** that can help ensure JWW meets the needs of all New Jerseyans.

JERSEY WATER WORKS MEMBERS AND BACKBONE ORGANIZATION

- **Convened a data evaluation committee** to guide the development of the JWW data dashboard.
- **Coordinated a 25-member New Jersey delegation** to the One Water Summit.
- **Engaged 108 members at the annual summer meeting for a “why before what”** communications training, hands-on committee meetings, and learning sessions.
- **Testified at the Water Quality Accountability Act legislative hearings** on behalf of the JWW Asset Management and Finance Committee.
- **Participated in events around the state**, sharing information about the collaborative’s goals and efforts.
- **Developed a brochure on the economic benefits** of water infrastructure investment with industry partners.

STAY TUNED FOR JERSEY WATER WORKS’ 2020 WORK PLAN

(Or join the collaborative and be a part of establishing it!)



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- ✓ Stormwater utilities
- ✓ Funding for preserved open space

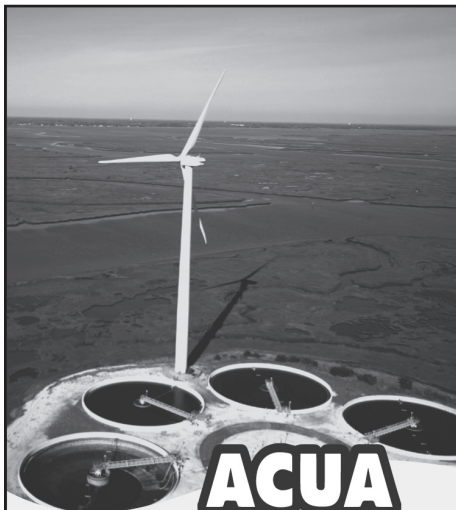
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SPEAKER BIOGRAPHIES

KAREEM ADEEM

Acting Director, City of Newark Department of Water and Sewer Utilities

Mr. Adeem, a Newark native, began working for the City of Newark in 1991 in the Department of Engineering. In 2013, Adeem was promoted to superintendent of public works, where he oversaw daily maintenance operations of the Department of Water and Sewer Utilities. In 2018, he received his certification as a Public Works Manager and was appointed to his present position. Acting Director Adeem is credited with helping to rebrand the Department of Water and Sewer Utilities and upgrading the city's infrastructure as it works to replace every lead service line.

ANA BAPTISTA

Assistant Professor of Professional Practice and Chair of Environmental Policy and Sustainability Management Program, The New School

Ms. Baptista teaches at the Milano School of International Affairs, Management and Urban Policy at The New School. She also serves as director of the Tishman Environment and Design Center at The New School. She previously served as the director of environmental justice and community development at the community-based nonprofit Ironbound Community Corporation in her hometown of Newark, NJ. Her current research includes studies on state-level climate justice policies, municipal zoning and planning measures for environmental justice, and zero waste policies.

GARY BRUNE

Policy Manager, New Jersey Future

Mr. Brune's primary focus areas at New Jersey Future are stormwater utilities

and lead in drinking water, with ancillary work on energy issues and water financing policy. Prior to joining New Jersey Future, he was the chief financial officer at the New Jersey Department of Transportation. He also served as the executive director of the Transportation Trust Fund, developing policy options for program reauthorization. He also previously worked at the New Jersey Office of Management and Budget, rising to the position of associate director. There, he was responsible for developing budget recommendations for transportation, environmental protection, and capital/infrastructure. During this time, he also served on the New Jersey Commission on Capital Budgeting and Planning.

RICHARD CALBI

Director of Operations, Ridgewood Water

Mr. Calbi is responsible for the multifaceted management position of water utility. He is the director for Ridgewood Water, one of the 25 largest utilities in the state, servicing more than 61,000 customers in four municipalities. Mr. Calbi is a licensed professional engineer and planner with more than 20 years of experience. The hallmark of his career has been the last four years with Ridgewood, advancing good government policies with sound engineering principles to provide safe drinking water from a complex groundwater system.

CHRIS DAGGETT

Former President and CEO, The Geraldine R. Dodge Foundation

Mr. Daggett served as President and CEO of The Geraldine R. Dodge Foundation from 2010 to 2018. He also served as deputy chief of staff to Governor Thomas Kean, regional administrator of the U.S. Environmental Protection Agency,

SPEAKER BIOGRAPHIES

and commissioner of the New Jersey Department of Environmental Protection. In addition, he was a managing director of William E. Simon & Sons, a private investment firm, and operated a brownfields development company. He was also a principal with JM Sorge, Inc., an environmental consulting and management firm. Immediately prior to joining the foundation, Mr. Daggett ran as an independent candidate for governor of New Jersey.

DANIELLE DENK

Program Director, Parks for People Camden, The Trust for Public Land

Ms. Denk started the Parks for People Philadelphia and Camden programs at The Trust for Public Land. The Trust for Public Land's mission is to create parks and protect land for people, ensuring healthy, livable communities for generations to come. The Parks for People program aims to advance community cohesion, climate resilience, and community health through the development of community places such as parks, green schoolyards, green alleys, and trails in the public realm. With more than 20 years of experience in public space and green infrastructure design and development, Ms. Denk focuses on creative community empowerment through sustainable design, development, and stewardship.

MELISSA ELLIOT

Director of Strategic Communication Services, Raftelis

Ms. Elliott's career focuses on helping water and wastewater utilities tell their stories. At Raftelis, she consults with utilities to provide communication planning, stakeholder engagement, and risk communications. She previously

directed public relations departments at two large Colorado utilities: Denver Water and Aurora Water. As the AWWA president-elect, Ms. Elliott has a new avenue to elevate the conversation about the value of the services utilities provide.

AMY GOLDSMITH

State Director, Clean Water Action

Ms. Goldsmith has been a professional environmental advocate since 1979, starting with nuclear waste and power plant safety issues in the Midwest. She has been with Clean Water Action and Clean Water Fund since 1985, first as New England director and Massachusetts director and then as New Jersey state director starting in 1992, working on the vanguard of water, waste, energy, environmental justice, and more, as well as efforts to make democracy work to protect public health and the environment. She serves on many boards, including New Jersey Work Environment Council, Coalition for Healthy Ports, and New Jersey Department of Environmental Protection's Clean Water Council. Previously, Ms. Goldsmith coordinated Public Health Institute's Jobs and Environment Training Consortium, bringing union workers, communities, and environmentalists together to find common ground. She received the 2004 Environmental Achievement Award from New Jersey Governor Jim McGreevey.

JENNIFER GONZALEZ, AICP, PP, CFM

Director of Environmental Services/Chief Sustainability Officer, City of Hoboken

Ms. Gonzalez advances capital projects in areas including rainfall flood mitigation, energy, drinking water, natural resources, and composting. She manages the Northwest Resiliency Park design process and priority upgrades in Hoboken's aging

drinking water system. Before joining the City of Hoboken in 2016, Gonzalez was a principal planner with the consulting firm Louis Berger, where she helped to develop the Hoboken Green Infrastructure Strategic Plan and post-Hurricane Sandy resiliency plans for communities throughout New York. She also served as an environmental planner with the County of Passaic, New Jersey. Gonzalez earned her M.A. in Environmental Policy from Lehigh University. She is certified by the American Institute of Certified Planners (AICP), a licensed professional planner (PP) in the state of New Jersey, and a Certified Floodplain Manager (CFM).

GEORGE HAWKINS, ESQ.

Founder and President, Moonshot LLC and Moonshot Missions

Mr. Hawkins launched Moonshot LLC and Moonshot Missions after stepping down as CEO and general manager of DC Water, where he served for 11 years. He helps agencies identify and adopt strategies to deliver better service at lower cost. Mr. Hawkins transformed DC Water into an innovative enterprise while tripling its investment in clean water. He serves on the National Infrastructure Advisory Council, which advises the White House. He is an advisor to Xylem, Inc., and an executive-in-residence for XPV Water Partners. Mr. Hawkins serves on the boards of the North American Electric Reliability Corporation and the US Water Alliance. He also serves as a professor of practice at American University.

JOHN KELLER

Director of Education and Outreach, coLAB Arts

Mr. Keller is a socially engaged arts educator with 20 years of experience in arts education and production. He is committed to using arts to examine

complex issues, and to integrate arts into a wide variety of interdisciplinary areas, from the environment to violence prevention and community development. At coLAB Arts, Mr. Keller facilitates joint project design and curriculum development for programming, including interview-based theater world premieres and full-scale performance immersives. He has coordinated and developed community response methods used in issue- and place-based mural creation. This work has culminated in original works on immigration, environmental impact, and cross-cultural identity. His additional program development and administration projects include community-based storytelling workshops and slams, oral history collection and archiving for quantitative arts-based research, original musical creation, choreography residencies, bilingual theater education and production, and in-school theater education residencies.

JANE KENNY

Owner and Managing Partner, The Whitman Strategy Group LLC

Ms. Kenny is owner and managing partner of The Whitman Strategy Group, an all-women firm specializing in environmental and energy issues and government relations. Previously, she served as a regional administrator of the U.S. Environmental Protection Agency. Ms. Kenny has been a top advisor to three governors of New Jersey and served as New Jersey's commissioner for the Department of Community Affairs. She serves on the Board of Directors for New Jersey Resources. She is a trustee for New Jersey Future and a visiting associate at the Eagleton Institute at Rutgers University.



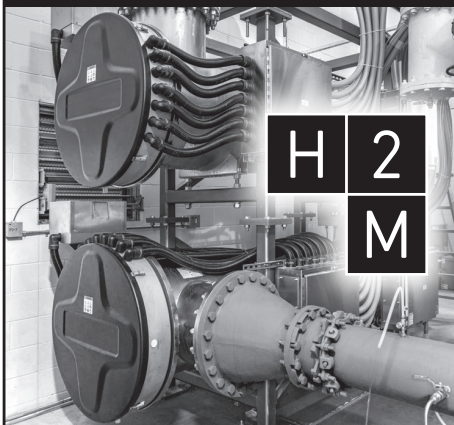
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ANDY KRICUN

Executive Director and Chief Engineer, Camden County Municipal Utilities Authority

Mr. Kricun operates an 80-million gallon-per-day wastewater treatment facility located in Camden. He has over 30 years of experience in wastewater and biosolids management. He holds a professional engineer's license in civil engineering and is a board-certified member of the American Association of Environmental Engineers. Mr. Kricun serves on the board of the National Association of Clean Water Agencies and is the chair of its Utility of the Future and Community Service committees. He was the 2012 recipient of the Praxis award for professional ethics, and has received three environmental quality awards from the U.S. Environmental Protection Agency.

GABRIEL MAHON

Bureau Chief, New Jersey Department of Environmental Protection

Mr. Mahon graduated from Lafayette College in 2004 with a B.S. in Chemical Engineering and is currently a licensed professional engineer in both Pennsylvania and Delaware. He spent the first 12 years of his professional career working in the New Jersey Department of Environmental Protection (NJDEP) Division of Land Use Regulation as an environmental engineer, where he was responsible for reviewing the engineering aspects of land use regulation applications to ensure compliance with the Flood Hazard Area Control Act rules, coastal zone management rules, stormwater management rules, and Freshwater Wetlands Protection Act rules. For the last three years, he has worked in NJDEP's Division of Water Quality, where he is now the chief of the Bureau of Nonpoint Pollution Control. He is responsible for managing the stormwater permitting, groundwater, wastewater

management, and municipal stormwater regulation programs.

MARK MAURIELLO

Director of Environmental Affairs and Planning, Edgewood Properties

Mark Mauriello began his career with the New Jersey Department of Environmental Protection (NJDEP) in May 1980. He was appointed as land use regulation director in 2002 and assistant commissioner in 2006, and in November 2008 he became NJDEP commissioner, replacing newly confirmed U.S. Environmental Protection Agency Administrator Lisa Jackson. Upon his retirement from NJDEP in January 2010, he formed his own consulting firm, specializing in coastal zone management, floodplain management, land use regulation and regulatory compliance. He then accepted a position as director of environmental affairs and planning with Edgewood Properties, where he is responsible for overseeing the company's environmental programs and serving as an advisor on regulatory issues and property acquisitions.

NICOLE MILLER

Principal, MnM Consulting

Ms. Miller, Principal of MnM Consulting, is a communications professional with more than a decade of experience creating targeted publicity and marketing campaigns for a range of clients in private industry and the nonprofit sector. MnM Consulting specializes in media development, digital and print publishing, brand strategy, content creation, and clean energy/sustainability education for business and general audiences. MnM Consulting works with several small business, government, and nonprofit clients across a number of industries on brand development, project management, event coordination, and

SPEAKER BIOGRAPHIES

product deployment. Ms. Miller has a B.A. in Arts, Media and Culture from the University of Washington and a Master of Science in Publishing from Pace University in New York.

MEISHKA MITCHELL

Vice President, Cooper's Ferry Partnership

Ms. Mitchell draws on her background as a Camden native, as well as her education and experience, to bring a keen and unique perspective to her work in community planning and neighborhood revitalization at Cooper's Ferry Partnership. She joined the Cooper's Ferry Partnership staff as a graduate intern in 2003 and took the helm as vice president of neighborhood initiatives in 2010. She has played a key role in broadening the organization's mission to address planning and redevelopment efforts in Camden's neighborhoods, overseeing the development of plans and implementation of key neighborhood projects with a high level of community input and participation.

WALTER MUGDAN

Deputy Regional Administrator, Region 2, U.S. Environmental Protection Agency

Mr. Mugdan previously served as director of the Emergency and Remedial Response Division, heading up the region's Superfund, emergency response, and brownfields programs (2008-2017); director of the Division of Environmental Planning and Protection, managing the Region's air, water, hazardous waste and environmental review programs (2002-2008); and as Deputy Regional Counsel and then Regional Counsel for Region 2 (1985-2002). He joined EPA in 1975 as a staff attorney, and subsequently served in various supervisory positions in the legal office, including chief of the units responsible for Superfund, RCRA, TSCA, FIFRA and the Clean Air Act.

CHRIS OBROPTA, PH.D., P.E.

Extension Specialist in Water Resources, Rutgers Cooperative Extension

Dr. Obropta was an environmental consultant for 12 years at Omni Environmental Corporation before joining Rutgers University. His experience includes watershed restoration, onsite wastewater treatment system design and management, wasteload allocations and TMDL studies, stormwater management, wetland design, effluent dilution analyses, longshore sediment transport, computer-aided design, and geographic information systems. Dr. Obropta also teaches Bioresource Engineering Design I and II with the Department of Environmental Sciences at the School of Environmental and Biological Sciences at Rutgers University.

ANTHONY PERRY

Mayor, Middletown Township

Mr. Perry joined the Township Committee in 2017. He is currently serving as mayor for 2019. Prior to joining the Township Committee, Mayor Perry was a member of the Middletown Township Planning Board. He was also a trustee of the Middletown Township Library Board. After graduating from Temple University, Mr. Perry joined the Sandy Recovery Division of the Governor's Office, coordinating recovery efforts with the Federal Emergency Management Agency (FEMA), the Office of Emergency Management, the Department of Community Affairs, and the Department of Environmental Protection. He also served as chief of staff to Senator Joseph M. Kyriillos from 2014-2018.

KANDYCE PERRY

*Planning and Policy Manager,
New Jersey Future*

Ms. Perry manages New Jersey Future's Mainstreaming Green Infrastructure program, which assists communities, developers, and design professionals in using green stormwater infrastructure. She also coordinates the Green Infrastructure Committee of the Jersey Water Works collaborative, which is working to upgrade New Jersey's water infrastructure with cost-effective, sustainable solutions, and she coordinates the City of Trenton's Municipal Action Team for community engagement and outreach on green infrastructure. Prior to joining New Jersey Future, Ms. Perry worked on brownfield redevelopment at the City of Camden Redevelopment Agency.

ED POTOSNAK

*Executive Director, New Jersey League
of Conservation Voters*

Mr. Potosnak serves as executive director of New Jersey League of Conservation Voters, the leading political voice for the environment. He was awarded a highly competitive Albert Einstein Distinguished Educator Fellowship to serve on Capitol Hill in Washington, DC, where he crafted policies designed to improve our nation's health and competitiveness. He is also chair of the New Jersey Keep It Green Coalition, New Jersey state lead for the Coalition for the Delaware River Watershed, a part-time lecturer at Rutgers University, a member of the Rutgers Glee Club Alumni Advisory Committee, and president of the Franklin Township Board of Education.

KEANNA RALPH

*Founder and Chief Executive Officer,
DreamChasers International Consulting Group*

Dr. Keanna Lynette Ralph is a native and lifelong resident of Camden, New Jersey with a passion for people and community enrichment. She has committed a great deal of her spare time volunteering in the Camden City community and beyond. This includes time serving on the Camden District Council Collaborative Board, Rutgers Alumni Association, and her church's nonprofit board, the Victory Group. Currently, Dr. Keanna is committed to the efforts of the Camden Water Equity Taskforce as a lead for the Workforce Development Subcommittee. Dr. Keanna is a graduate of Rutgers University where she received her B.A. and M.P.A. More recently she completed her doctoral studies at Regent University's School of Business and Leadership. Now as a leadership and lifestyle consultant, she enjoys spending the majority of her time helping to transform organizations and individual lives.

DON SHIELDS

*Vice President and Director of Engineering,
New Jersey American Water*

Mr. Shields oversees a staff of more than 50 professionals, including construction managers, engineers, planners, and geographic information systems (GIS) specialists. He is responsible for delivering the company's capital investment program of more than \$350 million per year. Before his current role, he supported American Water's regulated and market-based businesses as engineering director of new business development for American Water's corporate engineering group. He spent 10 years at American Water's former subsidiary, Applied Water Management, where he managed a

SPEAKER BIOGRAPHIES

team of 30 construction managers and engineers. Prior to joining American Water, Shields spent 10 years working for Bergen County Utilities Authority in northern New Jersey, where he worked on capital improvement projects ranging from automated meter systems and force main rehabilitation to wastewater treatment plant upgrades.

TOM SHROBA

*Vice President of Operations,
New Jersey American Water*

Mr. Shroba oversees all New Jersey American Water operations at the largest investor-owned water utility in the state, providing high-quality and reliable water and/or wastewater services to approximately 2.7 million people. He also provides strategic input into statewide growth and development opportunities and continues to support the company's commitment to safety for its employees and customers. With nearly 30 years of experience at American Water, Shroba has served in various operations and engineering leadership roles including distribution supervisor, transmission and distribution superintendent, network operations superintendent, and field operations manager. Most recently, he served as senior director of operations for the company's northern region, in which he was responsible for maintaining water operating systems serving 32 municipalities and managing a staff of 100 union and non-union employees.

TROY SINGLETON

New Jersey State Senator (LD7)

Senator Singleton began his career as legislative director for New Jersey Assemblymen Herb Conaway and Jack Connors in the district he would come to

represent. He served as deputy executive director of the New Jersey General Assembly Majority Office and chief of staff under Assembly Speaker Joseph J. Roberts, Jr. In 2011, he was elected to his first term in the New Jersey General Assembly, representing the 7th Legislative District. Elected to the New Jersey Senate in 2017, Senator Singleton now serves on the Senate Community and Urban Affairs (as chair), Economic Growth (vice chair) and the Budget and Appropriations Committees. His primary focus remains on job creation, economic development, and the needs of New Jersey's working families.

GEORGE VALLONE

President, Hoboken Brownstone Company

The Hoboken Brownstone Company renovates brownstones and row houses and builds mid- and hi-rise condominiums in Hoboken and Jersey City. Mr. Vallone's general contracting company, Inner City Construction, Inc., has built more than 1,000 units of affordable housing for nonprofit groups and for-profit housing corporations in Paterson, Newark, and Trenton. Mr. Vallone is a past president of the New Jersey Builders Association (NJBA) and chairman of NJBA's mixed-use developers affiliate. He has taught real estate finance and risk management at the Rutgers Graduate School of Business, the New Jersey Redevelopment Agency, the Rutgers Cook College Continuing Education series, and the New Jersey Bar Association's Institute for Continuing Legal Education.



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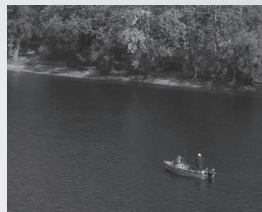
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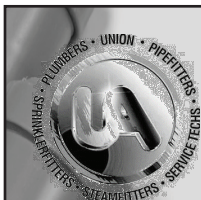
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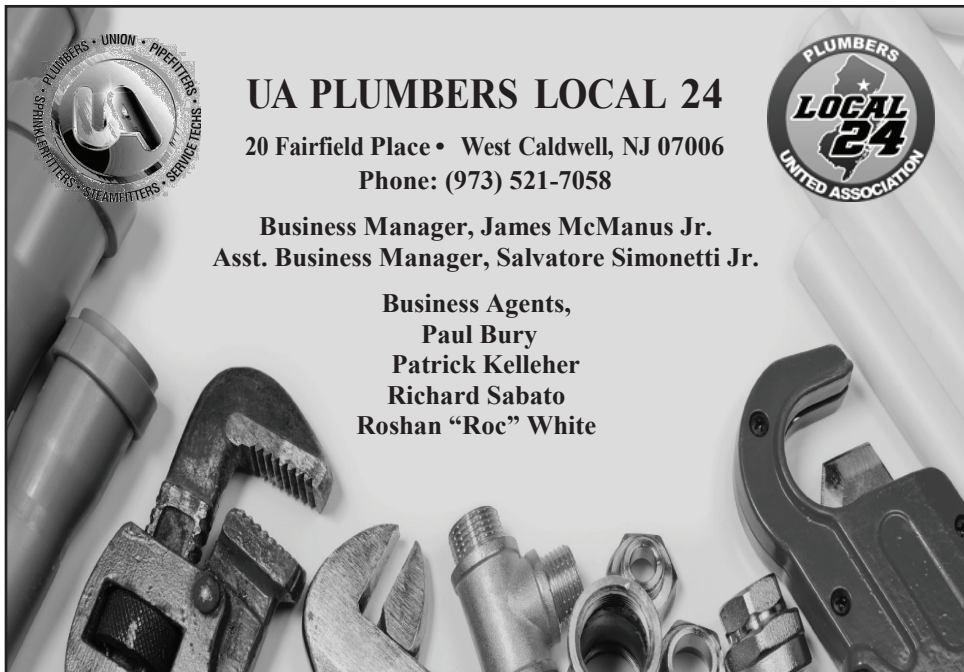
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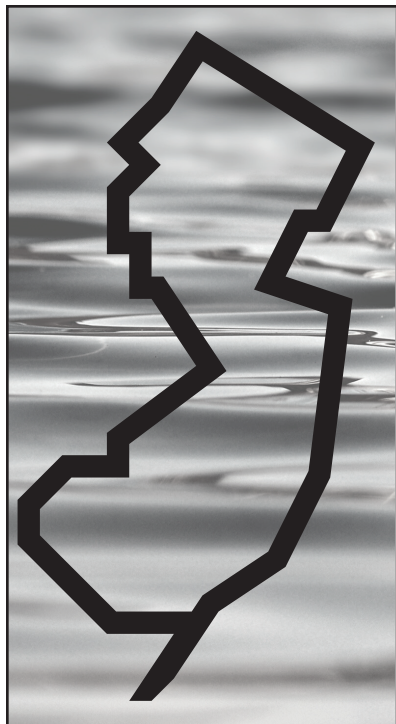
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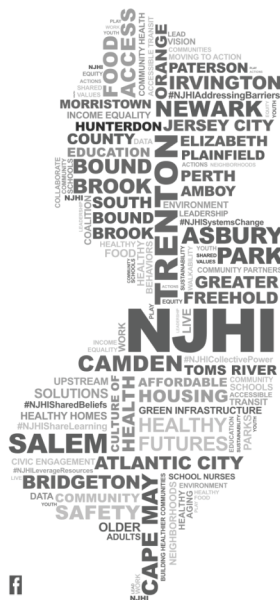
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The New Jersey One Water Awards spotlight programs or projects that exemplify integration of the one water approach with other community priorities, reflect collaboration, employ innovation and education, and advance long-term sustainability.

The one water approach embraces the belief that all water – stormwater, drinking water, wastewater – has value that can be unlocked by implementing sustainable, inclusive, and integrated water resource management practices.

CONGRATULATIONS TO THE 2019 AWARDEES

PUBLIC CATEGORY:

Amy S. Greene Environmental Consultants for successfully restoring water quality to a critical wetland along the Pequest River.

Primary partners: New Jersey Department of Environmental Protection Division of Fish and Wildlife and North Jersey Resource Conservation and Development Council

Western Monmouth Utilities Authority for involving the community to train and educate the next generation of the water workforce.

Primary partners: Township of Marlboro, Township of Manalapan, Monmouth County, Association of Environmental Authorities, Boy Scouts of America, Monmouth Council

PRIVATE CATEGORY:

American Water and the City of Camden for leading a collaboration to reduce water infrastructure inefficiencies including water loss, flooding and wastewater management.

Primary partners: City of Camden; American Water; American Water Operations and Maintenance, LLC; Camden City School District; Camden County Municipal Utilities Authority; Cooper's Ferry Partnership; Buchart Horn, Inc.; DeCotiis, FitzPatrick, Cole & Giblin, LLP; Hopeworks; US Water Alliance



For full winner profiles and more information visit jerseywaterworks.org/onewaterawards.

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