Facing a Changing Climate Report Documents Stormwater Management Efforts in Cities Across the Globe

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FOR IMMEDIATE RELEASE 17-84 September 18, 2017 deppressoffice@dep.nyc.gov or ALang@waterrf.org

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Groundbreaking Report will Serve as a Roadmap for Communities Looking for Stormwater Solutions

Photos of Stormwater Management Techniques are Available on <u>DEP's Flickr Page</u>

The New York City Department of Environmental Protection (DEP), in partnership with the Water Research Foundation, today released a new report entitled Innovative and Integrated Stormwater Management. The report is an accumulation of DEP's examination of stormwater programs from across the country and around the globe, including vital data sharing between New York City and 34 communities. The conversations included lessons learned and the challenges associated with flood mitigation programs, integrated stormwater management initiatives and regulatory compliance. The *Innovative and Integrated Stormwater Management* report can be found here.

"Managing stormwater and protecting public health means preparing our communities for a changing climate, but not every program will work for every municipality," said **DEP Acting Commissioner Vincent Sapienza**. "By studying the efforts of cities across the country and around the globe, including the challenges they encountered and lessons learned, we believe this report can serve as a roadmap for communities looking for the right approach to better managing stormwater."

DEP examined national and international stormwater programs to enhance its understanding and refine New York City's approach to a stormwater program that is both integrated and innovative. The Water Research Foundation is publishing and distributing this report on behalf of DEP as part of the focus on One Water. By

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sharing the *Innovative and Integrated Stormwater Management* report, the partners hope that other service providers can use it to cost-effectively improve the health of local water bodies and deliver related benefits to their communities.

"It is incredibly generous of DEP to share this comprehensive report with the public," said **Rob Renner, CEO of the Water Research Foundation**. "Many other communities can benefit from this guidance and the Water Research Foundation is thrilled to be part of this effort."

The report topics encompass stormwater control measures recommended by the U.S. Environmental Protection Agency, as well as topics that are critical to stormwater program success or those that can result in progressive and innovative water quality solutions. Each chapter covers a stormwater program topic; the role stormwater has in the program; an introduction to the applicable U.S. federal regulations; and common high-interest factors that influence decision making when it comes to setting up and implementing the program. Within each chapter, case studies are presented for a sampling of the communities with progressive programs in the topic area. The effort also demonstrates that although many of the surveyed communities are actively implementing the stormwater control measures, their techniques vary based on the conditions that are specific to their community.

About DEP: DEP provides approximately 1 billion gallons of high quality drinking water each day to more than 9 million residents. The watershed extends more than 125 miles from the city, comprising 19 reservoirs and three controlled lakes. Approximately 7,000 miles of water mains, tunnels and aqueducts deliver water throughout the five boroughs, and 7,500 miles of sewer lines and 96 pump stations take wastewater to 14 treatment plants. DEP has nearly 6,000 employees. In addition, DEP has a robust capital program, with a planned \$20.7 billion in investments over the next 10 years that will create up to 3,000 construction-related jobs per year.

About the Water Research Foundation (WRF): is a non-profit research cooperative that advances the science of water to protect public health and the environment. Governed by utilities, WRF delivers scientifically sound research solutions and knowledge to serve our subscribers and stakeholders in all areas of drinking water, wastewater, stormwater, and reuse. WRF has funded and managed more than 1,500 research studies from asset management to treatment, utility finance to resource management, conveyance systems to water quality. For more information go to waterrf.org.

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