



OPEN MEETING AND PRESENTATION – May 22nd, 2024 (Wednesday)

TOPIC: Solving for NYC Stormwater Flooding with Innovative Tools and a New Lens

ABSTRACT: New York City is solving for stormwater flooding with the use of innovative tools and a new lens. Determining the best mitigation strategies for stormwater flooding is a complex undertaking that involves understanding ground conditions and the impact to existing infrastructure and proposed solutions and selecting targets with an acceptable level of risk and affordability. Factors for success include leveraging 3 elements: relationship building to gain new and diverse lens into the issues and possible solutions, innovative tools utilization, and process optimization from the planning to prioritization steps.

LOCATION: AIA New York Center for Architecture (CFA) 536 LaGuardia Place, New York, NY 10012

Refreshments will be served at 5:30PM. Presentation will start at 6:00PM



Lily Lee, P.E. – Chief, Strategic Planning, NYCDEP BSWO. Lily Lee has drafted a Strategic Plan for the Capital Program Management team to serve as a roadmap driving and informing the Bureau's capital investment portfolio. Her diverse contributions at DEP include ensuring compliance with the Combined Sewer Overflow (CSO) consent decree, representing BWT during negotiations of the first NYC Municipal Separate Storm Sewer System (MS4) permit, and producing SPDES mandated reports for the Industrial Pretreatment Program, pollutant track-down, and stormwater monitoring requirements. Lily received a BS in Chemical Engineering from Polytechnic University, now known as NYU Tandon School of Engineering, and is certified on ISO 55000 by the Institute of Asset Management. She is a licensed New York State Professional Engineer since 2005.



Steve Carrea, P.E. – Chief, Distribution & Drainage, NYCDEP BSWO. Steve Carrea leads the design and capital planning of distribution and drainage, currently focusing on Brooklyn and Queens. He helped expedite an effort to complete a citywide hydraulic sewer model, enabling the Bureau to identify efficient and cost-effective drainage solutions. Prior to DEP, Steve worked at the federal government and gained experience with environmental regulation and policy. Steve received his BS and MS in Chemical Engineering from Manhattan College. He is a licensed Professional Engineer in the State of New York

Objective: Understand the evolution of NYC's planning efforts to mitigate stormwater flooding, including scope and objectives. What tools are being used, how, and the value added.

Lecture is free for all to attend.

This presentation is certified for (1) PDH, free to Members.

\$15 for non-members seeking PDH credit, pay at the door or via QR code->

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Next Lecture: TBD.



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