# Private Sector Perspectives on Overcoming Barriers with Green Infrastructure



#### Key Green Infrastructure Barriers

- - New and different approach
  - Inherent variability
  - Site specific nature
  - Limited capacity for large storms
  - Conflicts with existing regulations
  - Distributed and different maintenance

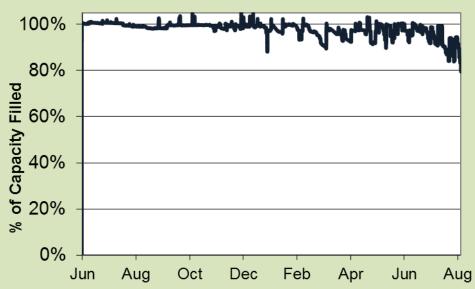


# New and Different Approach



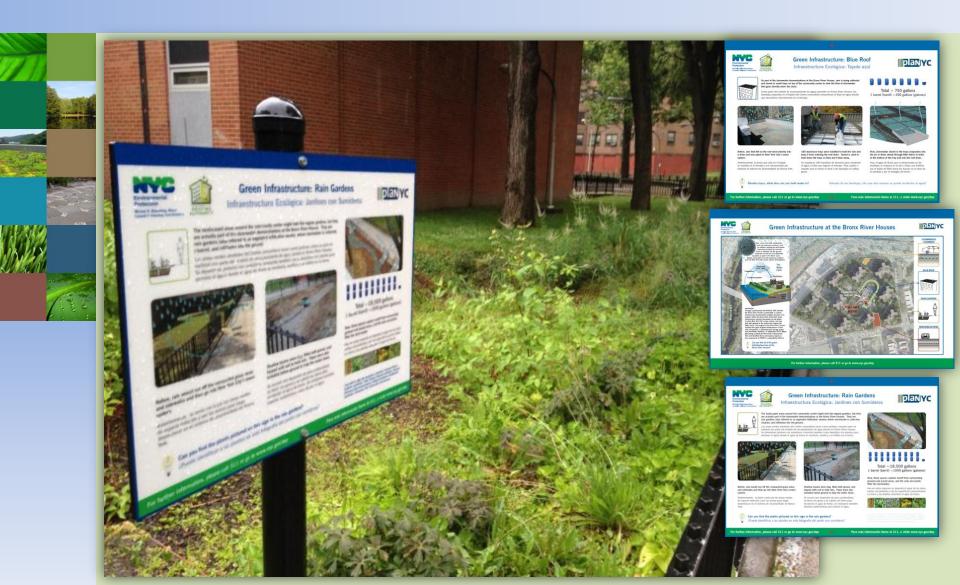








## **Educational Tools**



# Inherent Variability



- Natural elements of green infrastructure can provide:
  - Multiple benefits
  - Resiliency
  - Uncertainty



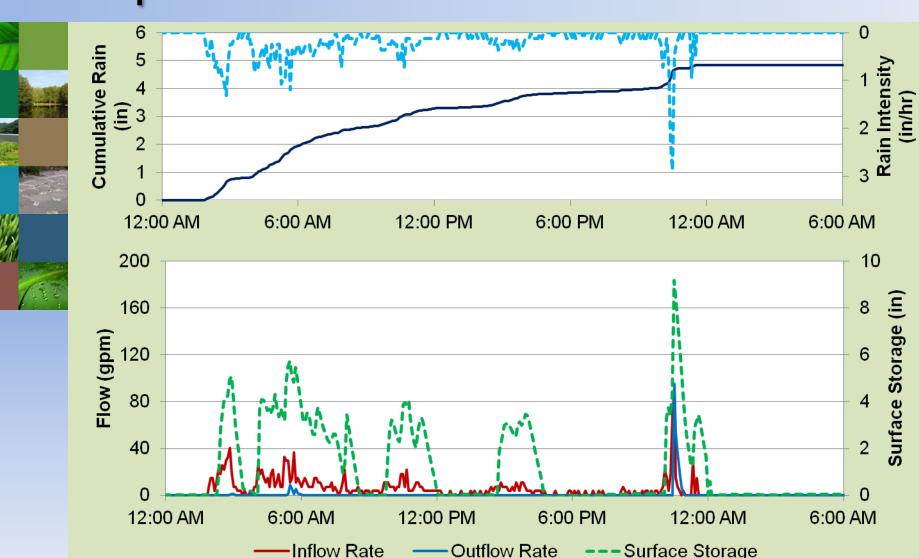
## Monitoring On-the-Ground Controls



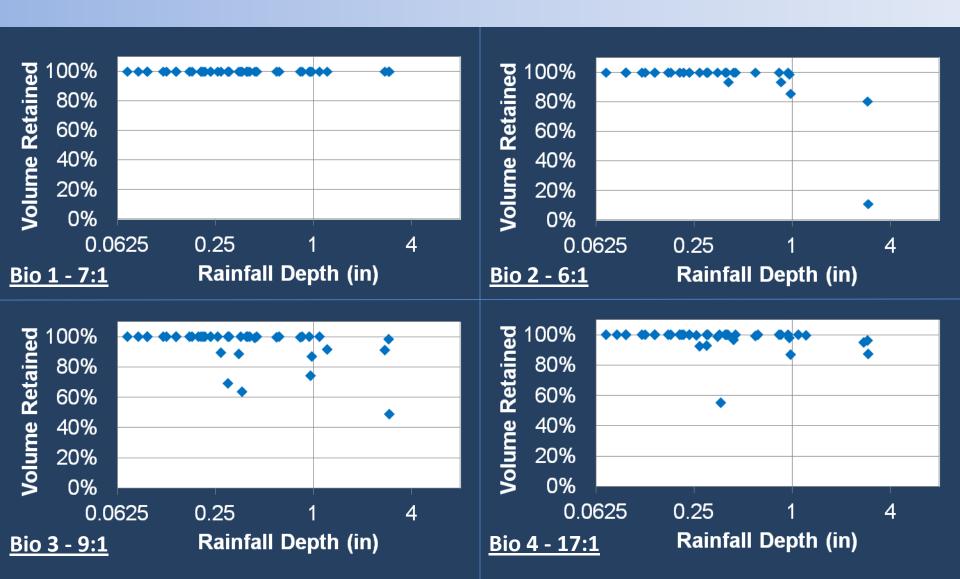




# Bioretention: Example 4.8" Storm



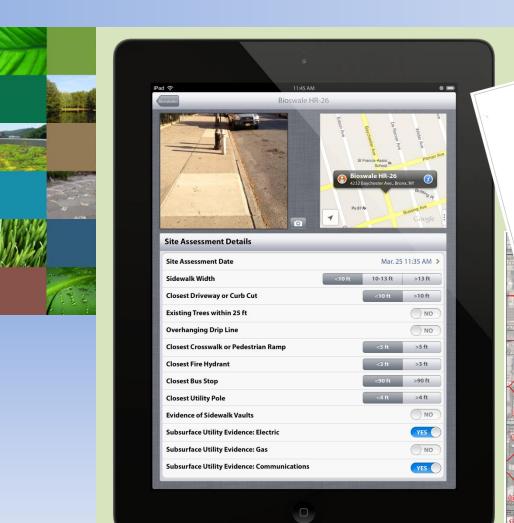
#### Bioretention: Volume Retained



# Site Specific Nature



# Opportunity Identification





# Limited Capacity for Large Storms?





#### Maintenance



- GI maintenance differs from grey due to:
  - Type of maintenance activities
  - Location of maintenance activities
- Important to consider maintenance during design
- Identify opportunities to consolidate maintenance with existing operations





# Why Green Infrastructure?

- - Focus on runoff retention
  - Increased flexibility
  - Opportunities for innovation
  - Benefits beyond stormwater control
  - Intrinsic resiliency
  - Increased visibility
  - Incremental implementation





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