



Green Infrastructure Grant Program Workshop

Pratt Institute – Manhattan Campus

February 28th 2011

- ❖ Grant Program Timeline
- ❖ Application Eligibility
- ❖ Application Exclusions
- ❖ Application
- ❖ Encouraged Elements
- ❖ Project Scoring
- ❖ If Awarded . . .
- ❖ Helpful Resources
- ❖ Questions



13 Different CSO Drainage Areas

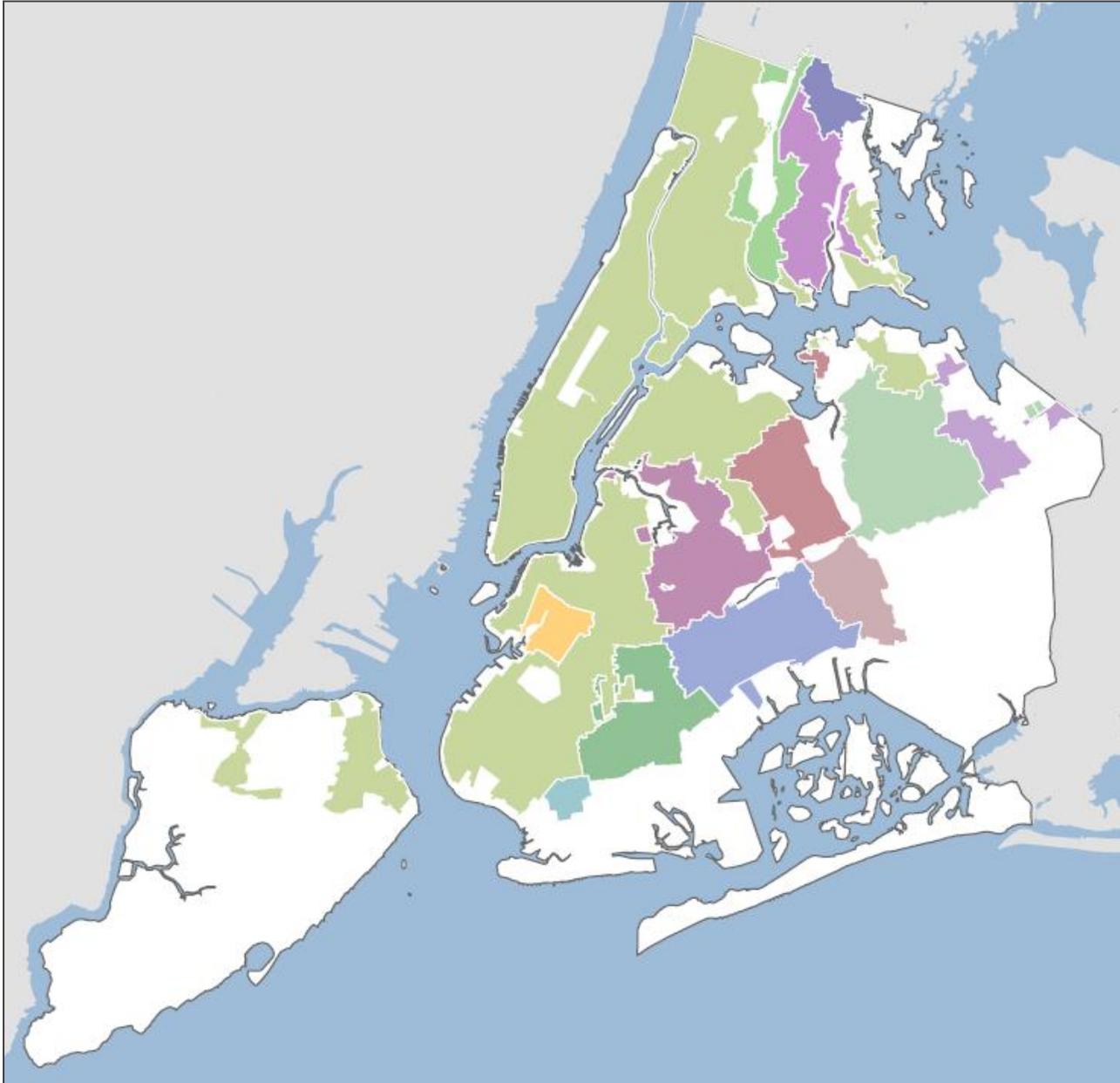
**Two-thirds of
NYC** served by
combined sewers

216,000 acres of
CSO drainage
area

7,400 miles of
sewers

**422 CSO
outfalls**

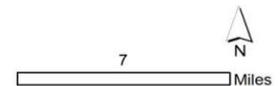
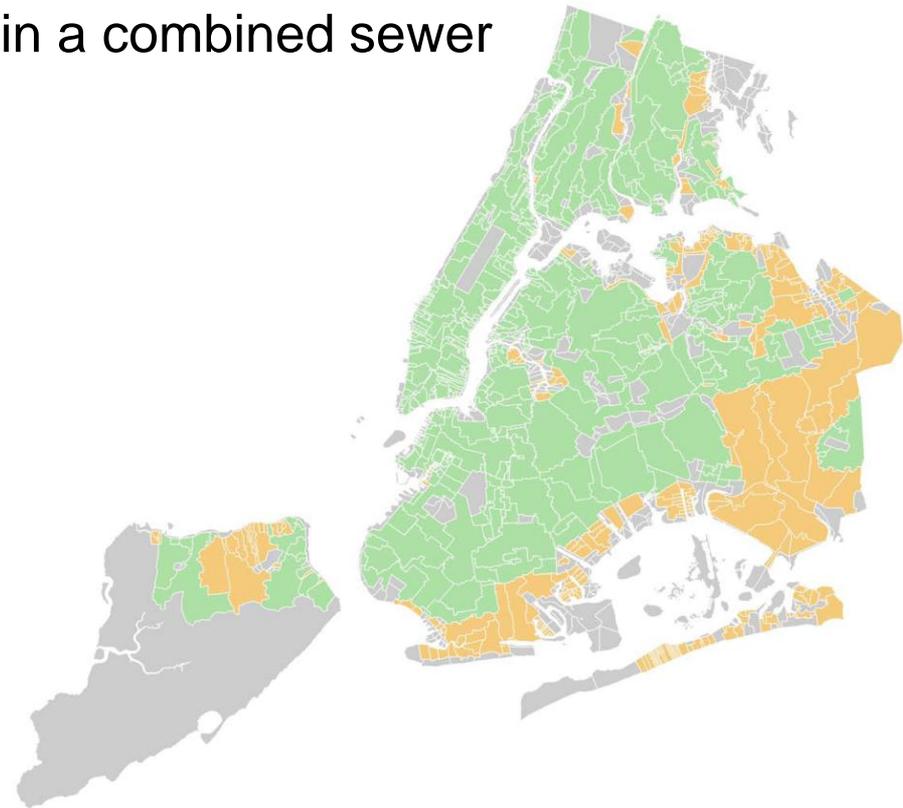
**30 billion
gallons of CSO
per year**



Grant Program Timeline

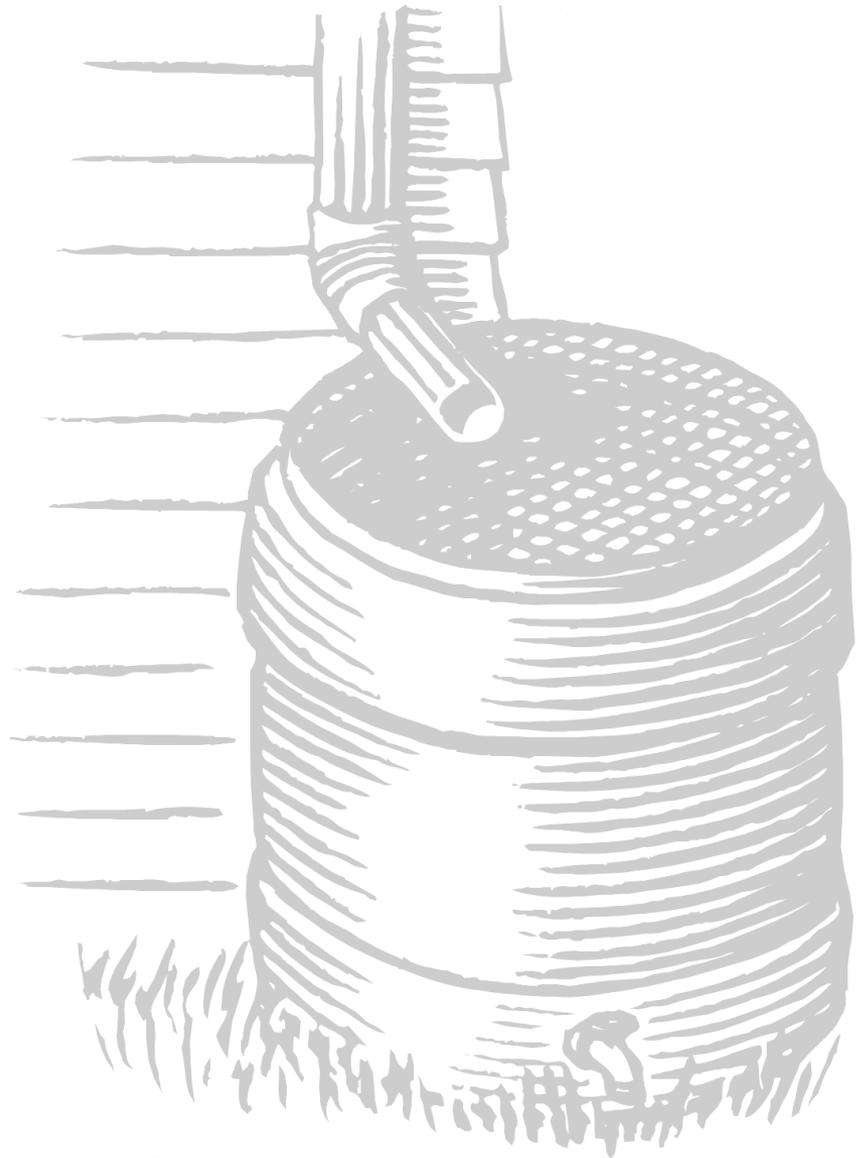
Grant Announced	February 2
Grant Workshop	February 28
Applications Due	April 29
Recipients Announced	May 31

- ❖ Project must be located in New York City
- ❖ Projects must be entirely located in a combined sewer drainage area
- ❖ Applicants must be either:
 - ❖ Private Property Owners
 - ❖ Businesses
 - ❖ 501(c)(3) organizations
- ❖ Projects must be:
 - ❖ On private property
 - ❖ On public sidewalks where abutting owner is the co-applicant



To be eligible for funding under the GI Grant, the project must:

- ❖ Be completed within a year from the construction start date
- ❖ Reduce the quantity of stormwater entering the combined sewer system (i.e. manage the first 1" of rainfall or greater)
- ❖ Reduce impervious surfaces in the City



- ❖ Proposals on or in public sidewalks where the abutting property owner is not listed as an applicant on the grant
- ❖ Education or outreach efforts that are not part of a green infrastructure construction project
- ❖ Designs, plans or research that are not part of a green infrastructure construction project
- ❖ Funds cannot be used for:
 - Political advocacy, boycotts, advertising or litigation
 - Legally mandated actions under local state or federal law
- ❖ Also...
 - Grantees must be in compliance with all local state and federal permits and laws including prevailing wage requirements
 - The City of New York will have unrestricted rights to use the designs selected for any future project at no additional costs

- ❖ Project Description
 - How does it meet minimum requirements?
 - What are you proposing?
- ❖ Site Description
 - Contributing drainage area and proposed total storage volume
 - Ownership/Leased
 - Site assessments will be necessary
- ❖ Conceptual Plans & Drawings
 - Provide clear conceptual drawing to show your project
 - Final stamped plans will be required if awarded
- ❖ Maintenance (required) and Monitoring (optional)
- ❖ Itemized Costs and Work Plan
- ❖ Experience and Expertise
- ❖ Partnerships

❖ Maintenance

- A 3 year Maintenance Plan will be required to ensure functionality and establishment for vegetated projects on sidewalks
- If awarded, projects on private property will also require a long-term maintenance plan to ensure the functionality of the project for its intended life. These terms will be worked out in the final agreement prior to initial award and construction.
- Maintenance activities could include removing sediment, cleaning blockages/floatables, vegetation maintenance, weeding, etc.

❖ Monitoring (Optional)

- Capture the performance of the project during wet weather
- Data must be recorded and reported to DEP as outlined in the grant application
- Must at least measure mass balance (flow in and out)

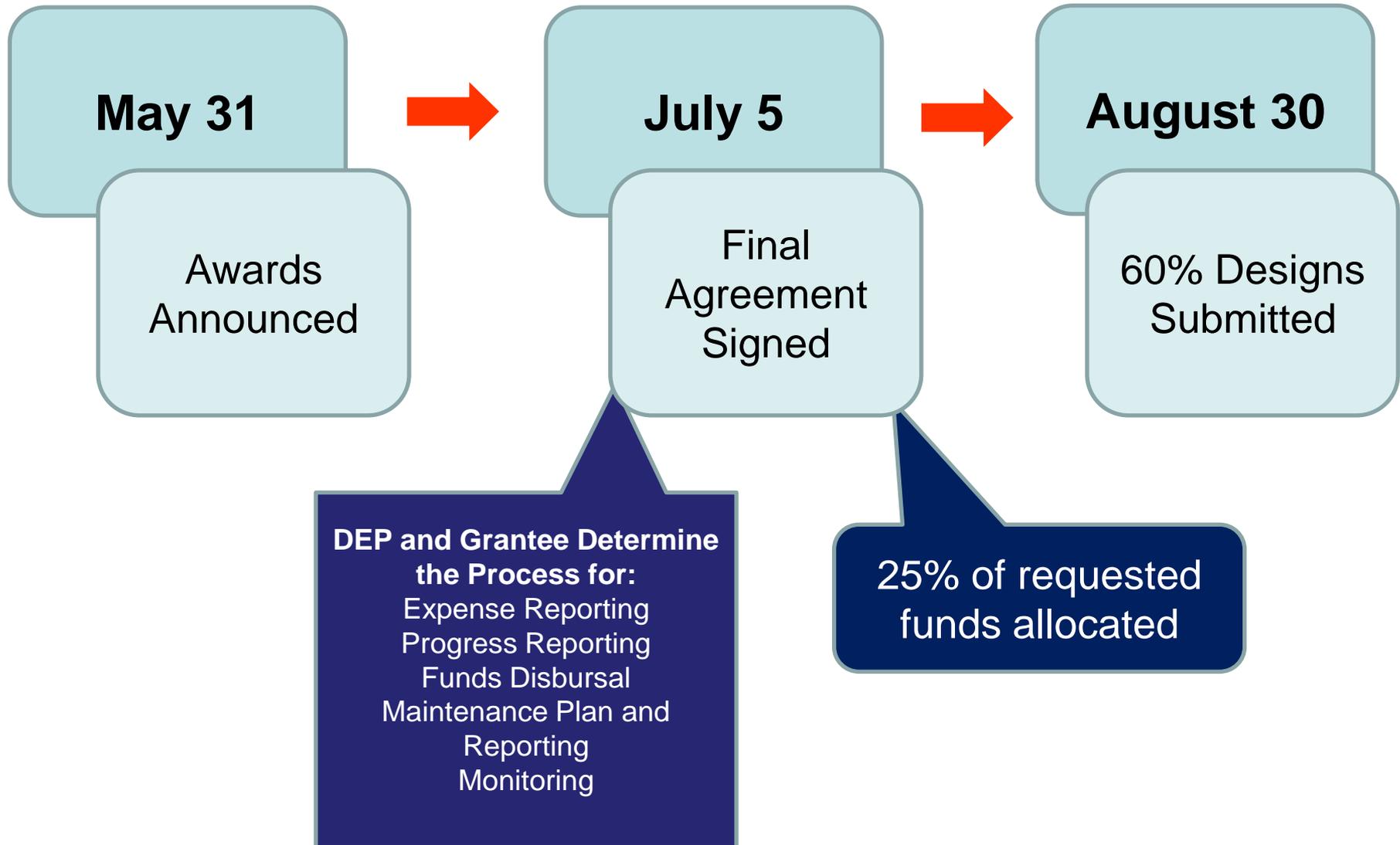
- ❖ Finish Early (by June 2012)
- ❖ Innovative and/or can be widely adopted
- ❖ Promotes education and community involvement
- ❖ Provides a monitoring plan
- ❖ Supports economic development and job creation
- ❖ Provides letters of support from key local community stakeholders
- ❖ Has secured matching funds/in-kind contributions
- ❖ Advance the ultimate sustainability goals of the Green Infrastructure Plan and PlaNYC
 - Provide shade and/or evapotranspiration cooling
 - Attractive installation that is highly visible and accessible
 - Biomass upon mature growth
 - Visual corridor with street trees or other greening



- ❖ Four Categories:
 1. Quality of Proposal
 2. Grant Requirements
 3. Community Involvement and Other Factors
 4. Sustainability

- ❖ Review Committee: DEP, DOT, DPR, OLTPS and NYSDEC

Once funding is awarded . . .



2-3 Months

Design Review

Construction must
begin 30 days later

**1 YR of
Construction**

Quarterly Summaries

Annual Reporting

Final Report

**Construction
Ends**

Inspection by DEP

Final Disbursement

Maintenance Begins

❖ NYC Stormwater Management

- [NYC Green Infrastructure Plan](#)
- [PlaNYC – Sustainable Stormwater Management Plan 2008](#)
- [DEP - Drainage Plan Criteria](#)

❖ Best Management Practices

- [The Low Impact Development Center, Inc.](#)
- [Center for Watersheds](#)
- [UNH Stormwater Center](#)
- [USEPA - Green Communities](#)
- [NYSDEC- Green Infrastructure](#)



❖ Design

- [New York City Department of Transportation, Street Design Manual](#)
- [NYC High Performance Parks Guidelines](#)
- DEP [Local Sewer Offices](#)
- Other Municipalities specs - Philadelphia, Seattle, Portland, etc.

For further questions, please contact:

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