

Agenda

- 1) Green Infrastructure Program Update
 - a. 2011 GI Grant Program
 - b. Neighborhood Pilot Areas
 - c. Capital Projects
 - d. Right of Way Bioswale Standard Operating Procedure (SOP) and Design
- 2) Green Infrastructure Task Force Update
 - a. Maintenance Agreements
 - b. Non-city agencies role (i.e. PANY/NJ and MTA)
 - c. Green Roof Tour at DPR's 5 Boro building – June 9-10
 - d. Green Roof Roundtable hosted by OLTPS, DOB, FDNY, DEP – Date TBD
- 3) Stormwater Rule Update
- 4) CSO Notification
 - a. Currently developing a better notification system
 - b. CSO measurement
- 5) Remaining questions on NYC Green Infrastructure Plan
- 6) GI Steering Committee
 - a. Logistical responsibilities – Rotating coordinator each quarter?
 - b. DEP and Steering Committee Partnerships
 - i. Design Competition
 - ii. Alternative maintenance program proposals
 - iii. Roundtables on GI technologies for public/professionals
 - iv. Trainings/Workshops/Educational Opportunities (youth and adult)
 - c. Subcommittees
- 7) Summer Pilot Tour of Green Infrastructure Installations – July 27, 2011

Green Infrastructure Definition:

“Green infrastructure, or stormwater source controls, is a set of techniques that detain or retain stormwater runoff through capture and controlled release, infiltration into the ground, and/or vegetative uptake and evapotranspiration, thereby reducing the need for end-of-pipe stormwater storage and treatment systems.”

If time allows:

- 8) Regulatory Status
 - a. Consent Order
 - b. LTCP
- 9) Green Infrastructure WebMap and GI Tracking
 - a. Currently live [http://gis.nyc.gov/doitt/nycitymap/template?applicationName=GREEN_INFRA]
 - b. 3rd Phase begins in December – anyone will be able to upload opportunities, location and details of installed GI, and photos
- 10) Green Infrastructure Business/Firms Database
 - a. Currently compiling a list of contractors and firms
 - i. Please contribute! Email Mikelle.

Summary Minutes

1) Green Infrastructure Program Update

Grant:

The primary goal of the grant program is to encourage green infrastructure construction on private property. Homeowners, businesses, non-profits, and universities were encouraged to apply as part of the Office of Green Infrastructure's goal to encourage stakeholder involvement in stormwater management.

Pilot Areas:

The three neighborhood scale Pilot Areas (Bronx River, Jamaica Bay, and Newtown Creek) range in size from 18-40 acres. They will feature green infrastructure in the right of way and onsite. Monitoring equipment will be installed in Fall 2011, construction will take place between Spring-Summer 2012, and post-construction monitoring will begin in Fall 2012. The data collected from each Pilot Area will support the Long Term Control Plan (LTCP Process). DEP is working with the Green Infrastructure Task Force including the Department of Design and Construction (DDC), Department of Transportation (DOT), New York City Housing Authority (NYCHA), School Construction Authority (SCA), Department of Education (DOE), and Department of Parks and Recreation (DPR) on implementing green infrastructure on public property in the Pilot Areas. DEP is also working with the Law Department to investigate the potential for green infrastructure implementation on private property. DEP has also begun reaching out to multiple community partners including the corresponding City Council Members and Community Boards.

Monitoring:

The Steering Committee noted that green infrastructure should be increasingly effective at managing stormwater as the plants develop and grow, and urged DEP to account for this when utilizing post-construction data from the pilots to develop LTCPs and related policy initiatives.

Maintenance:

Green infrastructure in the right of way (ROW) will be maintained by an agreement between DEP and DPR. DPR's Greenstreets program is being underwritten by DEP and all future Greenstreets will manage stormwater. Greenstreets maintenance staff will be responsible for maintaining all green infrastructure in the ROW.

2) Stormwater Rule Update

DEP will release a stormwater performance standard for new construction and a design manual of green infrastructure technologies. Outstanding questions remain on the following: the release rate, an overflow allowance into the sewer system to prevent flooding, crediting green roofs for volume reduction as well as the runoff coefficient, and maintenance should the building change owners.

The Steering Committee urged DEP to ensure that the rule promotes, and does not discourage, the most environmentally sustainable green infrastructure techniques, by granting appropriate credit for the volume-reduction functions of vegetated green infrastructure and rainwater harvesting techniques. Members of the

committee also noted that, rather than relying exclusively on performance standards that limit the rate of release, other cities require new development and redevelopment projects to use volume-reducing techniques to the extent feasible. DEP agreed to schedule a meeting with the steering committee specifically to discuss the development of the Stormwater Rule.

3) Defining Green Infrastructure

The Steering Committee encouraged DEP to refine the definition of “green infrastructure” to give more credit to green elements and highlight the additional sustainability benefits of green vs. grey. It was noted that green infrastructure has detention capacities that should be increasingly effective at managing stormwater as the plants develop and grow. Among others, some key additional benefits would be increased evapotranspiration and improved water quality. These benefits should be quantified to enable a more compelling argument to be made to pursue a green rather than grey strategy. For example, green roof technology becomes more cost effective relative to blue roof technology if these additional benefits are considered.

4) Plumbing Code Appendix C

A member of the Steering Committee identified Appendix C of the new Plumbing Code as an issue that the Steering Committee and DEP should discuss. Appendix C deals with water reuse, rainwater, and grey water. Currently water is not allowed to move from one block and lot to another. DEP will add this as an agenda item for the next Steering Committee meeting as well as Groundwater pumping.

5) Steering Committee Subcommittees

The Steering Committee met on its own in May to discuss organizing itself into a series of subcommittees. It will divide itself into three subcommittees: Open Space, Private Lots and Right of Way. Subcommittee members will organize work and work pro-actively with one another between the Quarterly Steering Committee meetings. The primary goal of the subcommittees will be to provide DEP with focused recommendations at multiple levels of implementation.

6) Next Steps

- a. BMP Pilot Tour on July 27th from 10:00am-1:00pm
- b. The Steering Committee will report back to DEP on the Sub-Committee process
- c. DEP will schedule a meeting with the Steering Committee to discuss the Stormwater Rule
- d. The next Quarterly Steering Committee meeting will be held in September 2011. DEP will secure a meeting place and let everyone know the time, date, and location.

Attendance

Name	Organization
Kate Zidar	SWIM Coalition
Shino Tanikawa	NYC Soil and Water Conservation District
Andrew Lavallee	AECOM
Jason Schwartz	City Parks Foundation
Robert Pirani	Regional Plan Association
Hershel Weiss	Ashokan Water
Russell Unger	Urban Green Council
Lawrence Levine	Natural Resources Defense Council
Angelica Pasqualin	Columbia University
Brittany Hsu	Columbia University
Anthony Thomas	Youth Ministries for Peace and Justice
Marc Matsil	Trust for Public Land
Miquela Craytor	Sustainable South Bronx
Lenny Librizzi	GrowNYC
Angela Sung	Real Estate Board of New York
Carter Strickland	NYC Environmental Protection
Margot Walker	NYC Environmental Protection
Scott Johnson	NYC Environmental Protection
Mikelle Adgate	NYC Environmental Protection