

A Market Approach to Financing Green Infrastructure for Stormwater Management

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March 16, 2016





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TNC Involvement in Stormwater Finance

State policy advocacy

Sharing innovative finance models/regulations across multiple jurisdictions

 Working on watershed scale approaches and cobenefits to gain financing for green infrastructure

Innovative Funding Models

Leveraging Private Investment

Public/Private Partnerships

Market-Based Approaches

Why: The Problem of Runoff in DC

- ➤ 43% of District's land area is impervious (concrete).
- A single storm falling on this area produces about 525 million gallons of stormwater runoff.





How the 2013 Stormwater Rule Works



3 Options to meet requirements:

- 100% Onsite
- 50% onsite +:
 - In-Lieu Fee paid to city or
 - Buy offsite credits

100% Retention Onsite in Practice

Less below ground parking



Less amenity space

More expensive structure and systems

The Market Place - Offsite Option

Developers can purchase Stormwater Retention Credits (SRCs) for up

to 50% of their retention requirement

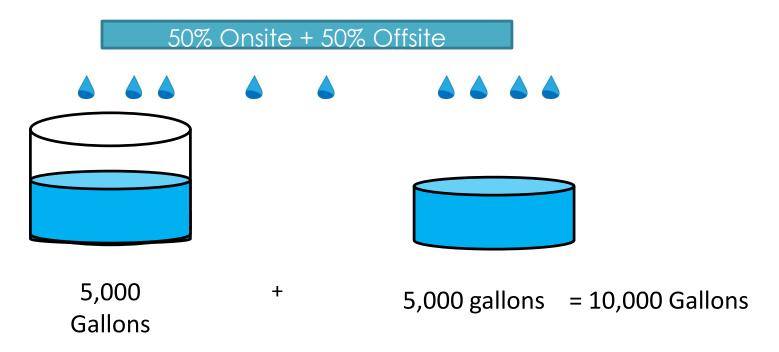


Buy offsite credits for cost savings and design flexibility



- Non-regulated site builds retention on their property to create credits
- Credits can only be generated in DC
- Credits have to be purchased in perpetuity to meet annual requirements

Impact of 50% Onsite Requirement = More Retention



- 1.2" retention standard reflects 90th percentile storm event
- Offsite retention allows more property to retain lesser storms







Market Enabling Conditions

Dedicated Stormwater Fee

Post-Construction Retention Standard

Development Pressure

Our Work to Date

- Building Partnerships
- Identifying Sites
- Preliminary Analysis
 - Geotech
 - Surveys
 - Hydrology
- Securing Funding

Next Steps for the D.C. Market

- Implementation of green infrastructure
- Monitoring
- Further Site Selections
- Lessons Learned/Exportation



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