



Green Infrastructure & Stormwater Management CASE STUDY

Gas Tank Park

Location: Queens, New York City, NY

Client: NYC Parks & Recreation

Design Firm(s): NYC Parks & Recreation

Landscape architect/Project contact: Nette Compton

Email: nette.compton@parks.nyc.gov

ASLA Chapter: New York

Project Specifications

Project Description: A 6-acre site, newly developed as park including playgrounds, comfort station walking paths, lighting and planting of over 350 trees.

Project Type:

Open space – park

Part of a new development

Design features: An underground retention/detention system.

This project was designed to meet the following specific requirements or mandates:

Local ordinance

Impervious area managed: 5,000 sq/ft to 1 acre

Amount of existing green space/open space conserved or preserved for managing stormwater on site: less than 5,000 sq/ft

The regulatory environment and regulator was supportive of the project.

Did the client request that other factors be considered, such as energy savings, usable green space, or property value enhancements? Green space and recreation were emphasized.



Cost & Jobs Analysis

Estimated Cost of Stormwater Project: \$100,000-\$500,000 (Public funding: Local)

Was a green vs. grey cost analysis performed? No

Cost impact of conserving green/open space to the overall costs of the site design/development project: No impact.

Cost impact of conserving green/open space for stormwater management over traditional site design/site development approaches (grey infrastructure)? Did not influence costs.

Number of jobs created: Not available

Job hours devoted to project: Not available

Planning and Design: Not available

Construction: Not available

Annual Maintenance: Not available

Performance Measures

Stormwater reduction performance analysis: No data available



Community & economic benefits that have resulted from the project: This new parkland enhances the quality of life in the community and positively affected real estate values.

Project Recognition

Partnership of Brownfield Practitioner-2009 Open Space Award

Additional Information

Links to images:

This site was a brownfield and was cleaned of contaminants by the previous owner- KeySpan (now National Grid).

