



Rufus King Park

Queens, NY

What is a Cloudburst?

A Cloudburst is a sudden, heavy downpour where a lot of rain falls in a short amount of time.


What is a Cloudburst Project?


Cloudburst Projects are site-specific and feature a network of stormwater management tools that work together to alleviate flooding. This project is designed to improve drainage conditions in the park and on select adjacent streets where possible.


Project Highlights

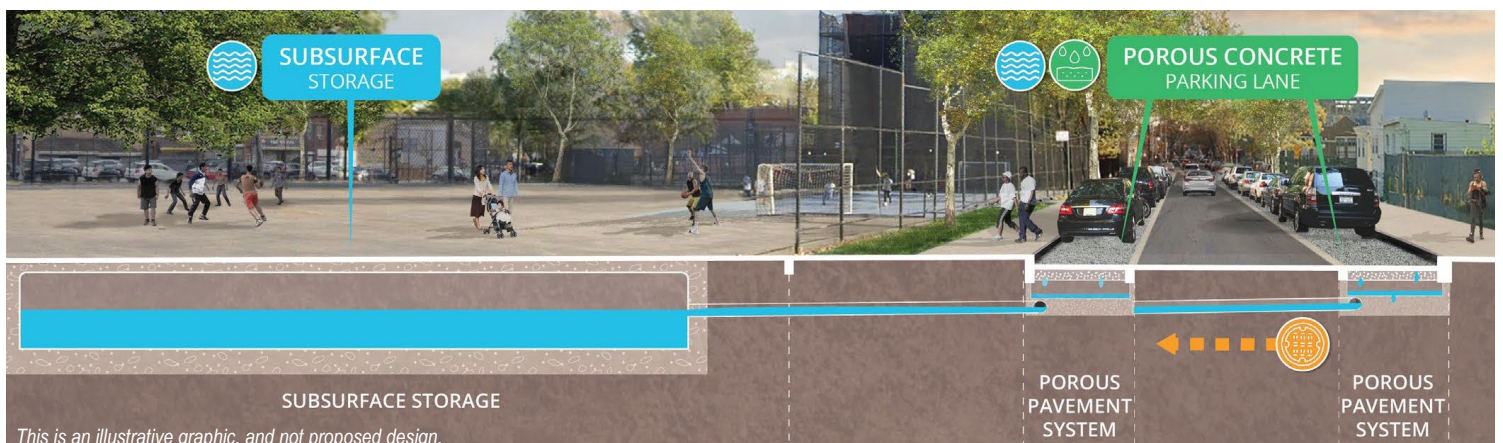
- 89th Avenue and associated intersections are at risk of flooding due to large upstream drainage areas and limited capacity.
- New catch basins and pipes convey excess runoff to subsurface storage under the park's newly reconstructed synthetic turf field.
- Subsurface practice detains and retains excess runoff.
- Excess runoff is conveyed through outlet connecting to 153rd Street.

Cloudburst Toolkit

STORE

 Practices that hold rainwater, such as water squares, tanks, and dry ponds.

ABSORB

 Practices that allow water to enter the soil or ground, such as porous pavement and rain gardens.

TRANSFER

 Practices that move water from one place to another, such as on-site drainage and re-grading streets.

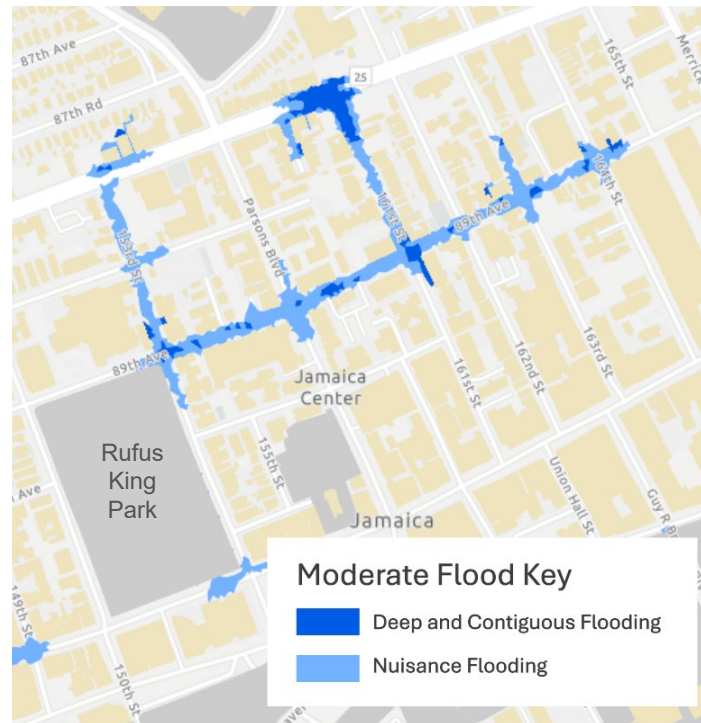


*This is an illustrative graphic, and not proposed design.
 The rendering above shows how all the interventions work together.*

Flooding Hotspots, Rufus King Park

The map on the left shows where deep (1ft. and greater) and nuisance (4in. to 1ft.) flooding is likely to occur in the project area during a moderate cloudburst storm, (or approximately 2.13 inches of rain per hour with 2050 Sea Level Rise).

Flooding hotspots are located at **89th Ave, 153rd Street, and adjacent areas** near Rufus King Park.



Learn more about Cloudburst and Get Involved!

New York City's Department of Environmental Protection (DEP) is conducting community engagement and stakeholder outreach in Spring-Summer 2026.

- Use the QR code to access the Cloudburst Management program website.
- Sign up for the Cloudburst newsletter and check for project related updates on the website.



Report all flood related issues by calling 311.