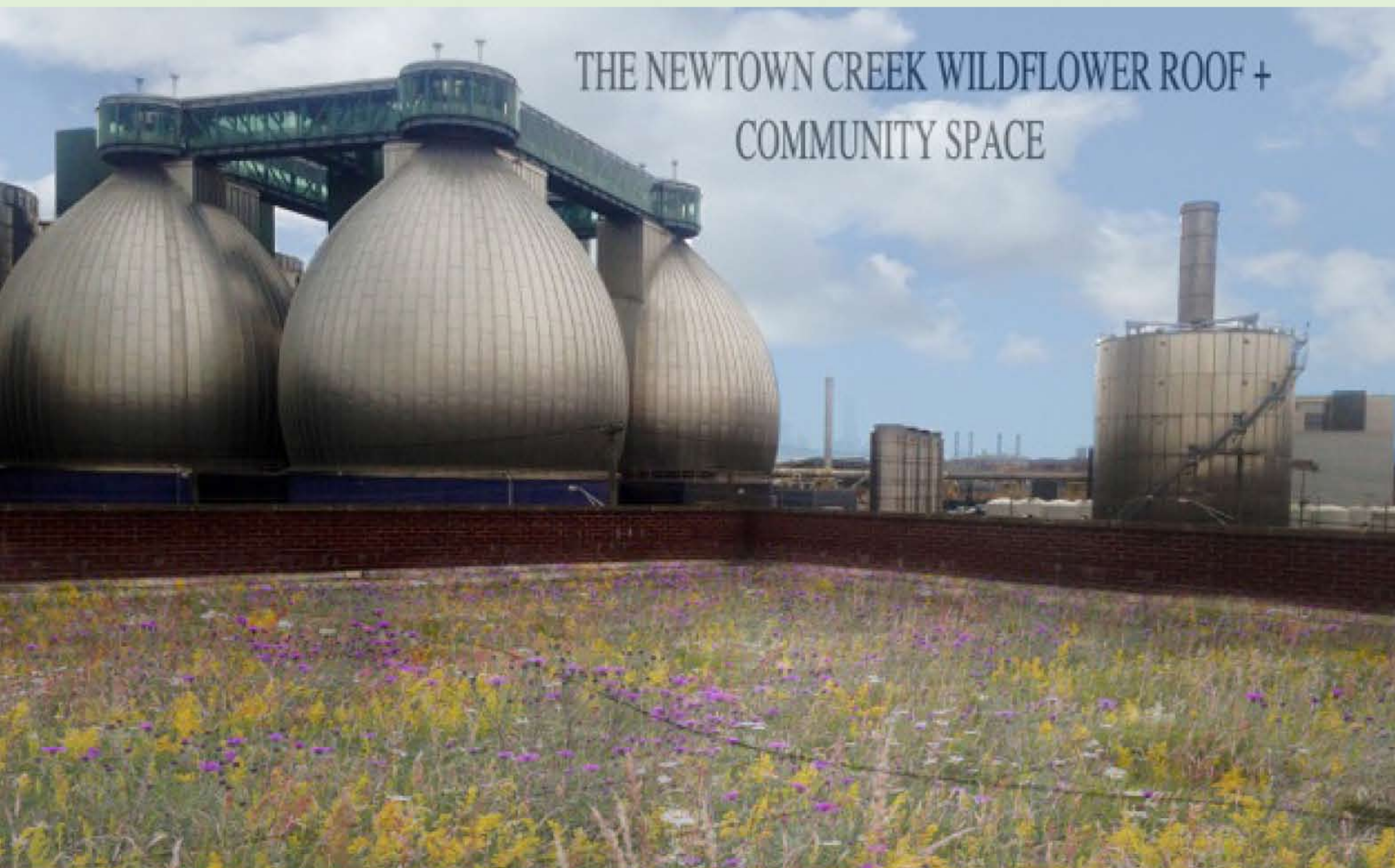


# The Newtown Creek Wildflower Roof and Community Space

LEAD SPONSOR: New York City Audubon Society, Inc.



The project proposes to install a 21,711 sq. ft. bird-friendly intensive green roof to reduce polluted stormwater; and provide publicly-accessible green space and an outdoor education classroom and environmental educational programming for Greenpoint residents at Broadway Stages.

## MAJOR ACTIVITIES:

- Design and install a 21,711 intensive bird-friendly, stormwater management green roof.
- Plant the roof with biologically diverse native plant species.
- Conduct multi-parameter monitoring to assess green roof biodiversity characteristics and share results with the community.
- Provide educational programming for elementary and middle school educators who will participate in a Trout in the Classroom conference and learn about the site as an outdoor classroom.
- Conduct educational programming including tours, lectures, workshops (e.g., Weather in the Watershed), open houses, and offer public access and eco-festival community days.
- Develop and implement a sustainable maintenance plan that will include creating a stewardship and volunteer network for long-term roof maintenance.
- Conduct local roof installation and maintenance green-collar job training.

The proposed project is located near Newtown Creek and will reduce polluted stormwater flowing into the creek. It also proposes to plant the roof with native plants to increase natural habitat, link to other green spaces and increase biodiversity in the urban environment; conduct a monitoring program to track and observe the biodiversity of insects, birds, and bats; and provide environmental education programming and outreach activities such as, green infrastructure tours, volunteer maintenance opportunities and more to engage the community in this publicly accessible green space. The project also offers green-collar job training as the roof is installed and maintained for local residents and organizations to develop that skill-set.

**GRANT REQUEST:** \$971,782

**VALUE OF APPLICANT & PARTNER CONTRIBUTIONS:** \$2,571,840

**LOCATION:** 520 Kingsland Avenue, Greenpoint



## PROJECT GOALS

- Capture 33,000 gallons of polluted stormwater during each one-inch storm.
- Remove ozone, 703 pounds of particulate matter, and other pollutants from air.
- Reintroduce native habitat into the urban environment and provide a green corridor for birds and insects to other green spaces.
- Increase and provide publically-accessible green, open community space.
- Provide visitors, educators and students with education about local and regional environmental issues.
- Provide local green-collar job training in roof installation and maintenance for residents and local organizations.

**LOCATION:** Newtown Creek Alliance, Alive Structures, Trout in the Classroom, and the Fortune Society