



**Green Innovation Grant Program (GIGP) No. 157**  
**CWSRF Project No. C1-9204-01-70**  
**Lindenhurst Memorial Library**  
**Project Name: Environmentally Sustainable Parking Lot**

**DEC Region: 1 County: Suffolk**

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**Type of Financing:** American Recovery and Reinvestment Act (ARRA) Green Innovation Grant Program

**Estimated Total Project Cost:** \$220,124.22

**Recommended GIGP Award Amount:** \$198,111.00

**Local Share:** \$22,013.22

**Other Funding Sources:** \$0.00

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**Project Category:** Clean Water SRF. Green Wet Weather Infrastructure.

**Project Description:**

This project involves the installation of a new green parking lot, utilizing permeable pavers and bioswales to reduce stormwater impacts from the municipal library.

The scope of this project is defined by the plans & specifications titled "Sustainable Parking Lot/Lindenhurst Public Library" dated April 2009 approved by NYSDEC on November 6, 2009 and made eligible by NYSEFC on December 4, 2009.

**Project Summary:**

The Lindenhurst Memorial Library, a public entity, plans on constructing a new parking lot to provide needed space for its patrons. The parking lot, which is located in an MS4 area, will have permeable pavement and bioswales to prevent stormwater runoff. The project is located within a Municipal Separate Storm Sewer System (MS4) community covered by an MS4 State Pollution Discharge Elimination System (SPDES) permit. Polluted stormwater runoff is the principal source of nonpoint source pollution and the primary water quality concern in the South Shore Estuary Reserve. This project will infiltrate approximately 157,000 gallons of stormwater from the site through green practices.

This project is categorically eligible for GIGP financing per the United States Environmental Protection Agency's (EPA's) "Guidance for Award of Recovery Act Funding to State Revolving Funds" dated March 2, 2009:

1. Green Wet Weather Infrastructure. Categorically eligible projects "manage and treat stormwater and [...] maintain and restore natural hydrology by infiltrating, evapotranspiring, and capturing and using stormwater" and include "the preservation and restoration of natural landscape features, such as forests, floodplains and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale green infrastructure consists of site and neighborhood specific practices such as bioretention, trees, green roofs, porous pavements, and cisterns."

a. A green parking lot is provided in example V.c. of the EPA guidance (pages 44-45). "Implementation of wet weather management systems for parking areas which include: the incremental cost of porous pavement, bioretention, trees, green roofs, and other practices that mimic natural hydrology and reduce effective imperviousness..."

b. Subsequent correspondence with EPA confirmed that the entire, rather than incremental, cost of pervious pavement including parking areas is eligible for funding.

Construction is complete.

**Funding Summary:**

The recommended award reflects partial funding since the applicant included project components that were ineligible under GIGP. The applicant will provide the 10% match.

**SEQR Findings:**

The Corporation has determined that the proposed GIGP grant will finance a project that will not have a significant adverse effect on the environment: (1) DEC has certified that this project is in compliance with the SEQRA/SERP; (2) no potentially large environmental impacts have been identified; and (3) Lindenhurst Memorial Library, acting as lead agency, has issued a negative declaration.

**Construction Schedule:**

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
Lindenhurst Memorial Library	May 18, 2009	September 7, 2009
Environmentally Sustainable Parking Lot		