



CWSRF Projects C1-5105-03-70 & 03-00
Nassau County
Locust Valley Collection System, Pumping Station and Force Main

Type of Financing: Short-Term Interest-Free and American Recovery and Reinvestment Act (ARRA) Funds

Estimated Amount to be Financed: \$5,957,891

EPA Approved Green Project Reserve: \$3,366

Estimated ARRA Principal Forgiveness: \$2,980,628

Estimated Principal of Long-Term Financing: \$2,977,263

	(Amount)	(Source & Type)
Other Funding Sources:	\$522,500	1996 Clean Water/Clean Air Bond Act Grant
	\$ 92,608	Bonds Issued

Prior CWSRF Recipient: Yes (X) No ()

Hardship Determination: Yes () No (X)

Project Description:

This action consists of financing costs associated with the planning, design, and construction of the Locust Valley Collection System, Pumping Station and Force Main project.

The project is being undertaken in two phases: Phase I is defined by the Design Report entitled "Installation of New Sanitary Sewer Collection System – Locust Valley, Nassau County" dated June 2008 that was approved by the NYS Department of Environmental Conservation (DEC) on March 19, 2009. Furthermore, Phase I is defined by the project plans and specifications titled "Installation of New Sanitary Sewers, Storm Water Drainage, and Road Improvements – Locust Valley, Nassau County" dated July 2008 that was also approved by the DEC on March 19, 2009. Phase 2 is defined by the Technical Design report entitled "Locust Valley Sewage Pump Station" dated February 2009 that was approved by the DEC on March 19, 2009. Plans & specifications for Phase II will be approved in the future.

Project Summary:

The hamlet of Locust Valley in the Town of Oyster Bay, located in northeastern Nassau County, is currently unsewered. Residential septic system failures have resulted in contaminated groundwater flowing into Mill Neck Creek, which flows into Oyster Bay and, ultimately, Long Island Sound. An interim solution was undertaken by the Nassau County Department of Health to collect septic tank overflows from 24 residences and chlorinate it prior to discharge to Mill Neck Creek. However, the interim solution has not provided the adequate treatment level necessary to improve local water quality. In fact, the 2000 DEC Priority Waterbodies List identified this discharge as the primary source of beach closures in the Mill Neck Creek area.

The DEC issued a Consent Order (R1-2002-0627-177) in 1999 requiring Nassau County to develop a solution and improve local water quality conditions. With the County's recent acquisition of the City of Glen Cove's WPCP, a plan has been jointly developed between Nassau County and the Town of Oyster Bay to install sanitary sewers and construct a pumping station and three-mile force main that will convey the sanitary wastewater to the Glen Cove WPCP collection system for treatment. In addition, the plan calls for the installation of storm water drainage with treatment, and associated road improvements in the disturbed roads. The Glen Cove WPCP has tertiary treatment installed and operating to remove nitrogen to protect Long Island Sound.

Green Project Reserve (GPR) funding will be used for high efficiency lighting for the Locust Valley Pump Station. These proposed improvements have been approved by the U.S. Environmental Protection Agency as eligible GPR infrastructure.

Financing Summary:

Total project costs of \$6,572,999 will be funded with a combination of CWSRF short-term interest-free financing, principal forgiveness, a Green Project Reserve grant, a \$522,500 Bond Act grant and bonds issued for \$92,608. This is a joint project with the Town of Oyster Bay known as the Birches.

SEQR Findings:

The Corporation has determined that the proposed action will finance a project which constitutes an "extension of...sewer connections to render service in approved subdivisions..." which is a "Type II" action under SEQR, pursuant to 6 NYCRR 617.5(c)(11).

Construction Schedule:

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
Phase I - Installation of New Sanitary Sewers, Storm Water Drainage & Road Improvements	December 10, 2008 (A)	December 9, 2009 (T)
Phase II – Pumping Station & Force Main	December 15, 2009 (T)	December 14, 2010 (T)