



CWSRF Projects C9-6609-01-70 & 01-00
Village of Cuba
Allegany County
Wastewater Collection and Treatment Facilities Improvements

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

Estimated Amount to be Financed: \$2,393,200

EPA Approved Green Project Reserve: \$ 536,397

Estimated ARRA Principal Forgiveness: \$1,414,247

Estimated Principal of Long-Term Financing: \$978,953

	(Amount)	(Source & Type)
Other Funding Sources:	\$6,800	NYS Economic Assistance Program Grant

Prior CWSRF Recipient: Yes (X) No ()

Hardship Determination: Yes (X) No ()

Project Description:

This action consists of financing costs associated with planning, design and construction of improvements to the Village of Cuba collection sewers and wastewater treatment plant. The project is defined by the engineering report entitled "Preliminary Engineering Report for the Village of Cuba Sanitary Sewer System" dated February 2008, prepared by Clark Patterson Associates and approved by the New York State Department of Environmental Conservation (NYSDEC) on October 1, 2008. The report entitled "Basis of Design Report for The Village of Cuba Sanitary Sewer System" dated July 2009, was revised in October 2009 to add these Green Project Reserve features and was approved by the NYSDEC on October 19, 2009.

Project Summary:

The Village of Cuba is located in the western portion of Allegany County and owns and operates a wastewater collection and treatment system negatively impacted by worn equipment and excess flows from infiltration and inflow. The engineering report identified various deficiencies in the system, recommended feasible corrective measures including replacement of approximately 5900 feet of main-line sewer, 35 manholes, replacement of the primary pump station, improvements to the clarifier and trickling filter, and other miscellaneous improvements. This project will implement these recommendations.

Green Project Reserve (GPR) funding will enable the Village to make improvements that will increase overall energy efficiency at the wastewater treatment plant. The project components to be funded through the GPR are: upgrade of the primary pump station pumps and controls; efficiency improvements to the blowers and air diffusers in the solids contact and post-aeration tanks; upgrade of the existing UV disinfection system; installation of high-efficiency blowers and air diffusers in the aerobic digester, and installation of premium efficiency motors on several blowers and pumps throughout the treatment facility. The addition of these features will reduce energy usage and operational costs at the plant. These proposed improvements have been approved by the U.S. Environmental Protection Agency as eligible GPR infrastructure under the American Recovery and Reinvestment Act of 2009.

Financing Summary:

Total project costs of \$2,400,000 will be funded with a combination of CWSRF short-term interest-free financing, principal forgiveness, a Green Project Reserve grant and a \$6,800 NYS Economic Assistance Program Grant. The Village plans to convert to long-term subsidized rate financing in 2010.

SEQR Findings:

The Corporation has determined that this action will finance the construction of a project that will not have a significant effect on the environment: (1) DEC has certified that this project is in compliance with SERP; (2) no potentially large impacts have been identified; and (3) the Village of Cuba, acting as lead agency, has determined that the project will not have a significant effect on the environment.

Construction Schedule:

Description

General Construction

Construction Start

August 1, 2009 (T)

Construction Completion

August 1, 2010 (T)