



Green Innovation Grant Program (GIGP) No. 71
CWSRF Project No. C9-6673-02-70
Town of Tonawanda
Project Name: Parker Pump Station Upgrades

DEC Region: 9 County: Erie

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

Estimated Total Project Cost: \$282,700.00

Recommended GIGP Award Amount: \$254,430.00

Local Share: \$28,270.00

Other Funding Sources: \$0.00

Project Category: Clean Water SRF. Energy Efficiency.

Project Description:

This project will increase energy efficiency for the Parker Pump Station through the installation of a new high efficiency variable speed pump.

Project Summary:

The installation of a new high efficiency pump will handle dry weather, or low flow, events. Since it is designed for lower flow rates, the pump is expected to operate at a higher efficiency with reduced fuel costs. This will allow the existing, larger pumps that use more energy to operate during wet weather events only, thereby reducing energy consumption.

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. Energy efficiency. Installation of a premium high efficiency pump station as designed to minimize head and friction loss is categorically eligible per EPA's "Green Project Reserve Business Case Principles and Questions and Answers" (page 4) . This project will reduce energy consumption at the plant by 30%, and therefore, categorically meets EPA's criteria of a 20% net energy reduction/savings.

Funding Summary:

The applicant will supply a 10% match in the amount of \$38,000.

SEQR Findings:

The Corporation has determined the proposed action will finance a project which constitutes a "replacement, rehabilitation or reconstruction of a structure or facility, in kind, on the same site" which is a "Type II" action under SEQR, pursuant to 6 NYCRR Section 617.5(c)(2).

Construction Schedule:

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
Town of Tonawanda Parker Pump Station Upgrades	December 18,2009	March 26, 2010