



Green Innovation Grant Program (GIGP) No. 34

DWSRF Project No. D0-17957

Bard College

Project Name: Bard College Water Treatment Facility Improvements

DEC Region: 3 County: Dutchess

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

Estimated Total Project Cost: \$1,768,583.09

Recommended GIGP Award Amount: \$1,590,825.00

Local Share: \$177,758.09

Other Funding Sources: \$0.00

Project Category: Drinking Water SRF. Water Efficiency; Reuse or conservation.

Project Description:

This project involves the upgrade of an existing water treatment plant by installing microfiltration and a new finished water storage tank. This project will replace the existing 46 year old sand filtration system with an innovative microfiltration system. A new storage tank will also be constructed to provide adequate finished water storage for the college.

Project Summary:

This project will replace the existing 46 year old sand filtration system with an innovative microfiltration system. The microfiltration system will allow the College, which purchases water from the Village of Red Hook during periods of high demand, to meet current water demands. The microfiltration system is significantly more energy/water efficient than the existing filtration system and will save approximately 8 million gallons of water per year.

The microfiltration system component of this project is categorically eligible for GIGP financing in the Environmentally Innovative category per the United States Environmental Protection Agency's (EPA's) "Guidance for Award of Recovery Act Funding to State Revolving Funds." Categorically eligible projects include I.e. "Construction and installation activities that implement capital water efficiency projects"(page 48 of the EPA Guidance).

Funding Summary:

The recommended award reflects partial funding since the applicant included project components that were ineligible under GIGP. The required 10% matching funds will be provided by Bard College.

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) DOH has certified that this project is in compliance with the SERP/SEQRA; (2) no potentially large environmental impacts have been identified; and (3) The Town of Redhook Planning Board, acting as Lead Agency has issued a negative declaration.

Construction Schedule:

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
Bard College Bard College Water Treatment Facility Improvements	January 5, 2010	June 30, 2010