



Green Innovation Grant Program (GIGP) No. 294

DWSRF Project No. D0-17961

Town of Orleans

Project Name: Water Metering System Installation-Town of Orleans

DEC Region: 6 County: Jefferson

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

Estimated Total Project Cost: \$231,198.00

Recommended GIGP Award Amount: \$208,078.00

Local Share: \$23,120.00

Other Funding Sources: \$0.00

Project Category: Drinking Water SRF. Water Meter.

Project Description:

This project involves the purchase and installation of 337 new water meters for the water distribution system in the Hamlet of LaFargeville in the Town of Orleans. To promote water conservation, customers will be billed based on their metered water consumption.

Project Summary:

The installation of 337 new water meters will improve the Town of Orleans's ability to identify and repair leakage and lostwater issues in the drinking water system serving the Hamlet of LaFargeville. It will also enable implementation of water conservation programs using customer usage data. A reduction in system leakage will result in a reduction of water usage, collection and treatment of wastewater, energy consumption from pumping and treating water and wastewater, and treated effluent discharged into the Chaumont River. The Hamlet has an average daily demand of 59,400 gallons per day and is presently unmetred. A 20% reduction in water use, which is typical for newly metered systems, would result in a water savings of approximately 7.39 million gallons per year.

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" (page 48).

1. Water Efficiency. Categorically eligible projects include IV.a. "Installation of Water Meters."

This project is located in Jefferson County which is designated as an economically distressed area.

Funding Summary:

The applicant will provide the 10% local match.

SEQR Findings:

The Corporation has determined that the proposed action will not have a significant adverse impact on the environment: (1) the DOH has certified that his project is in compliance with SERP, (2) no potentially large impacts have been identified, and (3) the Town of Orleans, acting as lead agency, has issued a negative declaration.

Construction Schedule:

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
Town of Orleans Water Metering System Installation-Town of Orleans	January 15, 2010	June 14, 2010