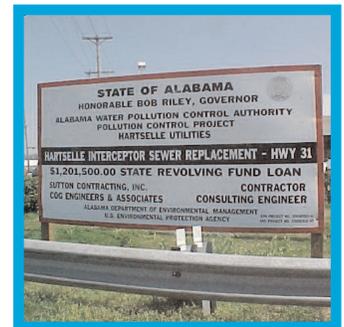


# CWSRF PISCES AWARDS

PERFORMANCE AND  
INNOVATION IN THE  
SRF CREATING  
ENVIRONMENTAL  
SUCCESS



2 0 0 6     A w a r d     W i n n e r s

## ABOUT THE AWARDS

Dear Colleagues:

I want to congratulate each of the winners of the 2nd annual *Performance and Innovation in the SRF Creating Environmental Success* (PISCES) Awards! The PISCES Awards acknowledge and promote program innovations that advance EPA goals of performance and water quality protection.

The Clean Water State Revolving Fund (CWSRF) finances innovative projects that increase the sustainability of wastewater infrastructure across the nation. For the first time, the 2006 PISCES Awards provide recognition of CWSRF borrowers that achieved significant environmental and economic benefits with innovative and effective projects.

Each State SRF program was given the opportunity to nominate one of its CWSRF projects for a PISCES Award. The nominees had to demonstrate leadership and innovation in one of the following criteria:

- financing,
- project implementation,
- partnerships, or
- sustainable infrastructure.

The PISCES Award winners will be announced at the national meeting of the Council for Infrastructure Finance Authorities (CIFA) in Philadelphia, PA in November 2006. EPA regions will present the winning projects with a plaque and certificate at a later date.

I am pleased to share with you the winners of the 2006 PISCES Awards.

Sincerely,



Benjamin H. Grumbles  
Assistant Administrator



### Cover Photos:

Top

Dearborn, MI: Construction of the sinking caisson for a new 136-foot inside diameter capture shaft.

Middle

Missoula, MT: Interior photo of the wastewater treatment facility.

Bottom

Hartselle, AL: Project site sign announcing CWSRF funding.

### Photo at Right:

City of Bayfield and Pike's Bay Sanitary District, WI: Construction of the joint wastewater treatment facility.



## 2006 WINNERS

tion system. The program has resulted in an estimated reduction of I/I flows of over 20%. As of 2005 there have been no SSO attributable to excessive I/I flows. By using a combination of low-interest CWSRF loans and grant funds, the utility was able to eliminate two proposed rate increases.

### CITY OF JUMPERTOWN, MS

A combination of a CWSRF loan and four grants were used to construct a collection system, lift station, pumping stations, and treatment facilities in this previously unsewered community. Failing septic systems caused partially treated wastewater to fill the community's ditches and streams, leading to health and environmental problems. Jumpertown's persistence in obtaining the needed funding from a variety of sources enabled this small but growing community to overcome the serious issues that many small communities are facing today.

### CITY OF WILSON, NC

Wilson utilized several funding sources including \$32.3 million in CWSRF loans to improve the city's solids processing and create a water reclamation system as part of an overall strategy to improve water quality in the Neuse River Basin. The increase in quality of the residual from the solids processing reduced land application costs by 30% and provides \$60,000 in natural gas savings for the system. When constructing the 6.0 MGD water reclamation facility, an abandoned polishing pond was reused as a storage pond to conserve funds. Wilson created a fee program that gives an incentive to use reclaimed water thus conserving water resources and increasing nutrient removal.

## REGION 5

### CITY OF EVANSTON, IL

Evanston has worked to eliminate combined sewer overflow problems by building the capacity needed to access the Metropolitan Water Reclamation District of Greater

Chicago's (MWRDGC) North Side Water Reclamation Plant. This \$152 million project required 25 CWSRF loans since 1991, and involved an innovative partnership with MWRDGC, saving the city millions of dollars in additional expenses.

### CITY OF WEST LAFAYETTE, IN

West Lafayette used CWSRF financing to establish a Fats, Oils and Grease Program, as well as a Cogeneration Facility at its wastewater treatment plant (WWTP). The WWTP is receiving and treating fats, oils and grease to produce methane gas and an earth-like byproduct. The methane is used to generate electricity, providing environmental as well as economic benefits.

### CITY OF DEARBORN, MI

The City of Dearborn has utilized nearly \$148 million in CWSRF loans to fund a multi-year project to combat combined sewer overflow at seventeen outfalls along the Rouge River and Lower Rouge River. After an attempted tunnel project was hampered by difficult hydrological conditions, the city turned to an innovative treatment shaft design to treat and divert the CSO. This cost-saving decision reduced total project costs by an estimated \$150 million over the course of the planning efforts.

### CITY OF BAYFIELD AND PIKE'S BAY SANITARY DISTRICT, WI

When wastewater treatment facilities in Bayfield and Pike's Bay exceeded their capacity and useful life expectancies, these two small communities built a joint wastewater treatment facility. The new facility utilizes multiple treatment technologies to produce effluent with 70% fewer pollutants than typical treatment plants, thereby protecting the health of nearby Lake Superior. The project employed CWSRF loans totaling \$3.6 million along with 10 other funding mechanisms, eliminating the need for increases in user charges.



Office of Water • November 2006 • EPA 832-F-06-040

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Janet Monroe of MDEQ is presenting CWSRF PISCES award to Mayor John B. O'Reilly, Jr.  
Of the City of Dearborn