

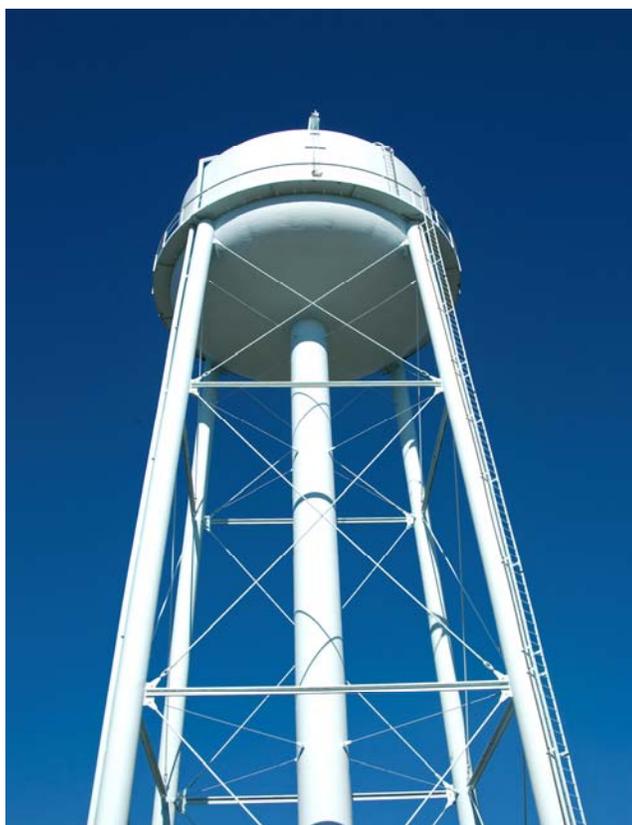
September 2011



Environmental  
Protection Agency

Division of Drinking and Ground Waters

# Drinking Water Assistance Fund Program Year 2011 Annual Report

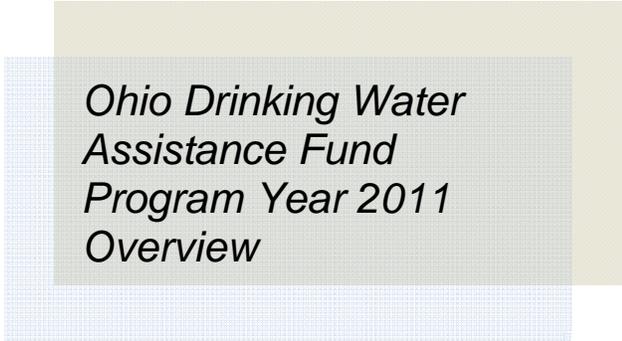


John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

## I. Introduction

The State of Ohio is pleased to submit the Ohio Drinking Water State Revolving Fund (DWAF) Annual Report for program year (PY) 2011. This report addresses operation of the DWAF during the time period from July 1, 2010 through June 30, 2011. During that time, Ohio was awarded the 2010 capitalization grant funds.

Ohio EPA provides this report detailing the activities undertaken to reach the goals and objectives set forth in the program management plans developed for PY 2011. This report documents the status of the program by describing progress made toward long- and short-term program goals, the funding sources (e.g., federal grants) and uses of all funds (e.g., loans, set-asides), financial status of the DWAF, and compliance with federal Drinking Water State Revolving Fund requirements.



*Ohio Drinking Water  
Assistance Fund  
Program Year 2011  
Overview*

Total Capitalization Received: \$43,610,000

Number of Projects Binding Commitments: 34

Project Funding Binding Commitments: \$37,220,949

Average Interest Rate: 1.97 percent (excluding short-term loans)

Total Funds Issued for Disadvantaged Community Loans: \$9,824,002.74

Small Systems Funded: 25 loans for \$14,193,110.91

Total Disbursements: \$75,642,309.19

ARRA Portion Total Disbursements: \$12,424,521.39

Source: NIMS 2011 Reporting Period and OWDA

## II. Goals and Accomplishments

### Long-Term Goals

The long-term goals for this program were established to allow the best use of funds to assist public water systems in meeting their goal to provide safe drinking water to the people of Ohio and continue operation of a revolving fund capable of providing low interest loans to these water systems on a continuing basis. Our short term goals were geared to provide the necessary structure to develop and implement the DWAFF, identify the public water systems most in need of loan assistance, and provide a means for such systems to avail themselves of the loan program.



#### Goal # 1

**Maximize below-market rate loans to eligible public water systems to fund improvements to eliminate public health threats and ensure compliance with federal and state drinking water laws and regulations.**

#### Progress

During PY 2011, there were 34 binding loan commitments totaling \$37,220,949. Of these, 25 of the loans served a population of 10,000 or less. The small systems loans accounted for \$14,193,110.91, which is 38.0 percent of the funds awarded.

#### Goal # 2

**Target technical assistance to public water systems serving 10,000 or fewer people with a technical assistance program provided by funds from the technical assistance set-aside account.**

#### Progress

W.S.O.S. Community Action Commission, Inc, Great Lakes Rural Community Assistance Program (Ohio RCAP) continued to provide managerial and financial assistance to public water systems with populations of 10,000 or fewer. Capability assurance technical assistance focused on financial management of systems. Four types of training sessions were presented to water boards, mayors, city councils, and operators: Utility Management for Local Officials (five sessions), Financial Management for Local Officials (six sessions) and Asset Management, Budgeting and Rate Setting for Local Officials (five sessions) and Applied Asset Management Featuring CUPSS (5 sessions). A total of 21 courses were held, with 223 attendees from 132 systems. Each one-day training session addressed issues related to: utility planning, identifying both direct and indirect operation and maintenance costs, developing budgets, cost recovery, types of financing resources, financial plan development and marketing utility products and services to customers. Copies of templates for spreadsheets of asset management are provided to each attendee on a CD, along with a hard copy of material covered in the session.

In addition to the training detailed above, a summary of other activities performed by Ohio RCAP during PY 2011 are as follows:

Planning and design applications completed = 1

Construction loan applications completed = 24  
Pre-applications for the project priority list (PPL) completed = 37  
Disadvantaged loan applications completed = 3  
Assisted in meeting crosscutting requirements = 11  
Assisted with locating and procuring funding in addition to the WSRLA = 29  
Assisted with determining the most affordable option to access safe drinking water = 7  
Assisted with readiness to proceed issues = 24  
Assisted with capability assurance development = 31  
Assisted with completion of 2011 Needs Surveys = 20

#### Ohio EPA Small Systems Coordinator

The Ohio EPA Northeast District Office (NEDO) had 0.5 FTE dedicated to providing technical assistance to small systems with less than 250 in population.

During SFY 2011 (July 1 2010 to June 30, 2011), the Northeast District Office (NEDO) of the Ohio EPA Division of Drinking and Ground Waters continued to utilize a position created to assist in improving compliance with small public water systems. We continued our extended compliance outreach efforts through site visits, emails, letters and phone calls. This position was vacated on March 31, 2011. Please see Appendix B for the complete PY 2011 Small Systems Technical Assistance Set-Aside Annual Report.

#### **Goal # 3**

**Provide financial assistance for completing source water assessments and wellhead protection plans (delineation, inventory, susceptibility analysis and distribution of assessment information) with funds from the wellhead protection set-aside account to promote locally developed source water protection plans.**

#### **Progress**

Ohio EPA utilized the Wellhead Protection Set-aside to fund activities during PY 2011. Ohio EPA funded 10 full-time equivalent staff to support implementation of the wellhead protection and source water assessment activities specified in Ohio's DWSRF Program Management and Intended Use Plan for PY 2011. Please see Appendix C for the complete PY 2011 Wellhead Protection Set-Aside Report.

During PY 2011, the program has focused on promoting protective strategies, conducting training workshops, providing direct technical assistance to public water system officials, developing education and outreach activities, completing source water assessment reports for new public water systems, re-delineating some of the protection areas in karst geologic settings and QA/QC of the source water assessment information and geographic information system databases.

During PY 2011, 109 source water assessment reports were completed and mailed out. Of these, 35 were reassessments of protection areas in karst areas and 30 were revisions of earlier source water assessment reports due to new wells at existing well fields, changed pumping rates, and other types of changes that warranted a revision of the earlier report.

Staff completed multi-session source water protection planning workshops for the Village of Clarington, the City of Columbus, the City of Delaware, the City of Delphos, the Village of

Middlepoint, the Monroe Water District, the City of Fremont, and the City of Cambridge.

In addition to the workshops, staff reported one or more meetings with 20 public water system operators or local source water protection teams, where they provided information and technical guidance on developing or implementing a local source water protection plan.

Eighteen source water protection plans developed by municipal public water systems were received by the Agency during PY2011, and 16 of the plans were endorsed by the agency within that timeframe. As of June 30, 2011, 43 percent of all community water systems covering 64 percent of the population served are substantially implementing source water protection measures under the criteria described in Ohio EPA's program.

Finally, staff responded to 429 technical assistance requests for site-specific maps showing locations of source water protection areas near existing or proposed waste or product management and storage facilities. They also reviewed 71 coal or industrial minerals mining applications for potential drinking water impacts.

#### **Goal # 4**

**Improve the types and quantity of small and disadvantaged community assistance to reduce the financial impact of capital improvement projects on smaller systems and systems serving less affluent populations.**

#### **Progress**

PY 2011 was the fourth program year of implementation of the disadvantaged community loan program. For the program year, 10 systems received disadvantaged community loans with the following terms:

- 2 loans issued as design at 2.0 percent for 5 years
- 1 loan issued as construction at 50 percent principal forgiveness and balance at 0.0 percent interest for 30 years
- 7 loans issued as construction at 40 percent principal forgiveness and balance at 2.0 percent interest for 30 years
- 1 loan issued as construction at 30 percent principal forgiveness and balance at 2.0 percent interest for 30 years
- 1 supplemental loan issued as construction at 0.0 percent for 30 years.

The total amount of funds issued for disadvantaged community loans is \$9,824,002.74. During PY 2011, small systems were funded for a total of \$14,193,110.91.

## **Goal # 5**

**Promote the development of the technical, managerial and financial capability of public water systems to maintain compliance with the state and federal Safe Drinking Water Act (SDWA) requirements, and Ohio's Capacity Assurance Program.**

### **Progress**

Ohio has implemented the Capacity Assurance Program as required in the SDWA for all new systems and all recipients of WSRLA assistance. Rules to implement this program became effective October 1, 1999. Ohio EPA also developed a guidance document to assist systems in the development of an approvable Capacity Assurance Plan (CAP). This guidance became final on September 25, 2000.

Ohio EPA must ensure each public water system (PWS) that receives a WSRLA loan can demonstrate technical, managerial, and financial capacity. WSRLA funds cannot be used to provide any type of assistance to a PWS that lacks the technical, managerial, or financial capability to maintain SDWA compliance, unless the PWS owner agrees to implement feasible and appropriate changes in operation and maintenance practices and in the financial management of the system. All 34 projects received a loan award during program year 2011 completed a capacity assurance plan that was evaluated by district and central office personnel from the Division of Drinking and Ground Waters. For further information on accomplishments of the capability assurance program during this program year, please see the *SFY2011 Capability Assurance Report*, Appendix A.

Ohio EPA provides additional assistance to all potential loan recipients with populations of 10,000 or fewer in the completion of a CAP. Ohio RCAP, program provider of financial and managerial assistance through the Small Systems Technical Assistance Program (SSTAP), assisted in the development of these plans for eligible small systems.

In an effort to identify small water systems that need financial or managerial assistance, Ohio EPA developed the Ohio RCAP list which includes only community water systems serving 10,000 or less in population. Systems intended for this list are those that need financial and/or managerial technical assistance to achieve or maintain compliance. A system placed on the Ohio RCAP list and receives the needed technical assistance may graduate to the PPL/IPL when it is ready to proceed with a project being funded through the DWSRF. Nineteen small systems were placed on the Ohio RCAP list during PY 2011. For further information on Ohio RCAP assistance provided during this program year, please see the *Program Year 2011 Small Systems Technical Assistance Set-aside Report*, Appendix B.

There were 263 capability assurance evaluation forms were completed for community water systems 250 or greater in population during the program year. These forms will give us additional information necessary before proceeding with the revised capability assurance rules.

Through the currently enacted rules, guidance document, and additional assistance provided to eligible small systems, Ohio EPA is able to ensure that each WSRLA loan recipient demonstrates capacity assurance.

### **Goal # 6**

**Fund the construction of extensions of public water systems, or if extensions are not economically feasible, the construction of new public water systems to address pockets of contaminated private water systems.**

#### **Progress**

During PY 2011, Ohio funded four systems for extensions to provide safe water due to wells with bacteriological contamination. The total amount for these loans is \$1,434,724.

### **Goal #7**

**Encourage the consolidation and/or regionalization of small public water systems to allow them to take advantage of the economies of scale available to larger water systems.**

#### **Progress**

During PY 2011, Ohio funded two projects which consolidated/regionalized public water systems. As a result, four public water systems have been eliminated. The total loan amount is \$597,906.60.

## **Short-Term Goals**

### **Goal # 1**

**Continue implementation of the DWAF as an ongoing environmental assistance program. Subsequent years will more fully develop the capabilities of the DWAF in development and implementation of source water protection, and assistance for disadvantaged system improvements.**

#### **Progress**

Ohio EPA made progress in establishing the DWAF as an effective environmental assistance program in Ohio. For the WSRLA this program year, this includes obligation of substantial portions of the available capitalization grants and state match funds. Extensive work was completed in both the source water protection program and implementing the new disadvantaged community program. See Long-term goals #3 and #4 for more detailed information.



### **Goal # 2**

**Provide opportunities for meaningful public involvement in DWAF continuing implementation by public notification of the Intended Use Plan/Management Plan, Project Priority List, and hosting two public meetings per program year.**

#### **Progress**

When seeking approval for each management and intended use plan, public notification is sent to 12 statewide newspapers and a list of interested parties indicating that a new plan is available for review. Draft plans may be obtained from Central Office by phone or email request, in person at Central Office and via Ohio EPA's website. On July 27, 2010, two public meetings were held to

allow interested parties to present their comments and suggestions on Ohio's Draft PY 2011 Program Management and Intended Use Plan. A public notice was published on June 25, 2010 to advertise the availability of the Draft Program Management and Intended Use Plan and announce the public meetings. The draft plan and public notice were available on Ohio EPA Division of Drinking and Ground Waters website. Information regarding the 30-day public comment period was also sent via an email Listserv.

### **Goal # 3**

**Promote the fund as an effective means to provide financial assistance to systems developing capital improvement projects to address new regulations and are listed by Ohio EPA as a “priority” system.**

#### **Progress**

Ohio EPA has promoted the use of WSRLA funds to meet the above goals as follows:

- Use of the WSRLA program is promoted by Ohio EPA district office personnel. As water systems are identified that may need to replace or upgrade their equipment to meet one of the new rules, the WSRLA program is marketed to them as a means of obtaining funds to meet compliance requirements.
- Ohio EPA has placed information on the Ohio EPA website so that all water systems can be familiar with the requirements of these new rules. Links have also been created from the Ohio EPA website, to the U.S. EPA website, where additional fact sheets are available. Ohio EPA also has an email list service to broadly distribute program information and deadlines.
- The technical assistance providers used by Ohio EPA have been promoting the use of WSRLA funds as they identify water systems with compliance and infrastructure needs. They have also been distributing fact sheets, pre-applications and additional technical assistance, as needed.
- Ohio EPA gave multiple presentations to drinking water system personnel who attended workshops sponsored by the Operator Training Committee of Ohio, Ohio American Water Works Association, Ohio Rural Water Association, Ohio RCAP and Water One Association. During PY 2011, Ohio EPA presented to approximately 2,300 water system personnel in multiple training sessions/workshops.

### **Goal # 4**

**Develop sustainable infrastructure and planning initiatives for public water systems during the 2011 program year.**

#### **Progress**

Ohio EPA added additional effective management points to the project priority list ranking criteria to encourage sustainable infrastructure activities such as utility board training, asset management planning, water conservation and source water protection.

## Outputs and Outcomes for PY 2011

	<b>Output</b>	<b>Quantity</b>	<b>Outcome</b>
1.	Drinking water transmission/distribution to construct, rehabilitate or upgrade drinking water transmission and distribution systems across the state.	22	More people getting better drinking water from current and existing treatment systems across the state.
2.	Drinking water treatment projects to construct and/or rehabilitate drinking water treatment facilities across the state.	5	Better drinking water for thousands of people across the state and, upon completion of the projects, facilities that meet all applicable permits and SDWA requirements.
3.	Drinking water storage projects to construct and/or rehabilitate drinking water storage facilities across the State.	1	Better drinking water for thousands of people across the state and, upon completion of the projects, storage facilities that meet all applicable permits and SDWA requirements.
4.	Drinking water source projects to construct and/or rehabilitate drinking water sources across Ohio.	1	Better drinking water and source water that meet all applicable permits and SDWA requirements.
5.	Planning and design loan projects for future improvements at public water systems.	5	Planning and design for future construction projects in Ohio.

### III. DWAF Loan and Set-Aside Activities

This section provides a discussion of the DWAF assistance activities during PY 2011. Included are details on the sources of funding in the program, the status of loan activities, and the status of set-aside activities. REPLACE table

**Table 1**  
**DWAF Financial Summary for PY 2011**

<b>Funding sources for PY 2011</b>	
WSRLA 2010 Cap Grant (net of set asides)	38,812,800
Loan Repayments	4,606,039
Interest Earnings	1,947,247
<b>Total Sources PY 2011</b>	<b>45,366,086</b>
<b>Funding uses for PY 2011</b>	
PY 11 Binding Commitments (incl suppl)	37,467,052
<b>Total Uses PY 2011</b>	<b>37,467,052</b>
Increase / (Decrease) in Funds Available	7,899,034
Funds Available End of PY 10	83,099,759
<b>Funds Available End of PY 11</b>	<b>90,998,793</b>

#### 1. Capitalization Grants

Prior to PY 2011, Ohio EPA had received 13 capitalization grants from U.S. EPA. During PY 2011, the total capitalization grant funds received through the end of PY 2011 was \$380,880,400 (see Table 2). Please refer to Table 3, "Set-aside Balances and Expected Capitalization Grant Funding," attached to this report, regarding the remaining grant balances in the set-aside accounts at the beginning of the program year including amounts taken from the FFY 2009 capitalization grant.

#### 2. State Match

The State of Ohio is required to match all federal capitalization grants with a state match of a least 20 percent. Since the inception of the DWAF program, the state matching funds have been provided from a number of sources including: the Ohio Water Development Authority, 2001 Bond Anticipation Notes, 2002, 2004 and 2010 State Match Bond Proceeds, and interest earned on state match accounts.

Table 2 attached to this report provides a breakdown of the match provided to date. The table shows, at the end of the reporting period, the proportion of state match to federal capitalization grants was 25.01 percent, exceeding the requirement.

### **3. DWAF Leveraged Revenue Bonds**

No Leverage bonds were issued during PY 2011.

### **4. Investment Income (interest income)**

Investment income in the amount of \$1,947,247 was earned during the reporting period.

### **5. Repayments**

During PY 2011, no loans were awarded utilizing the Repayment Fund. At the end of PY 2011, the Repayment Fund balance of \$11,255,635 was available to be used for loans as needed to meet our project demand.

## **Uses of Funds under the DWAF**

The DWAF has provided \$834,548,491, (ARRA portion \$58,460,000) in loans to public water systems since its inception. In PY 2011, the DWAF program has set-aside \$4,797,100 for activities which include Administration, Source Water Assessment, Small Community Technical Assistance, Wellhead Protection and Public Water System Supervision.

### **1. Loan Assistance Status**

The DWAF entered into 37 loan agreements (includes supplemental loans) totaling \$37,467,052 during PY 2011. The loans range in amounts from \$17,091 to \$10,000,000. The normal term for construction loans is 20 years. However, disadvantaged community loans were awarded during PY 2011 that included a 30-year repayment term, zero percent interest rate, and principal forgiveness. Principal forgiveness ranged from \$3,213 to \$2,000,000. Four planning/design loans were awarded in the amount of \$488,372 with a five-year term. The overall rate of return for the long-term loans (i.e. excluding the short-term planning/design/construction loans) is an interest rate of approximately 1.97 percent.

#### **a. Total Binding Commitments**

During the reporting period, Ohio EPA entered into 37 binding commitments (including supplementals) totaling \$37,467,052. Of that amount, \$8,869,454 was given in principal forgiveness, and \$28,439,968 was issued in loans. Of the total binding commitments \$7,583,271 was from state matching funds, \$305,936 was from leveraged bond proceeds, \$12,529,870 was from capitalization grant funds, and \$8,000,000 was from other projects / repayment funds.

#### **b. Project Bypass**

During PY 2011, there were no formally bypassed projects.

### c. Small Systems

Of the 34 binding commitments in PY 2011, 25 loans were awarded to small water systems serving a population of 10,000 or fewer. A total of \$14,193,110.91 was awarded to small systems during PY 2011. During PY 2011, 18.92 percent of funds made available were awarded to small communities with a cumulative percentage of 18.35 percent awarded to small communities since program inception. See Table 5.

### d. Disbursements

Since the beginning of the program through this reporting period, the total disbursements from the DWAF were \$717,533,553. Of that amount, \$58,423,996 was ARRA funds.

### e. Top 10 Awarded Projects on the PY 2010 PPL

1. Burr Oak Regional Water District  
This project consists of construction of a water line and a 900,000 gallon storage tank.  
*Total Project Cost: \$2,167,450 @\$1,742,020.00 loan @2.00% for 20 yrs and \$425,430.00 principal forgiveness. (Southeast District)*
2. Village of Wellston (North WTP Improvements)  
This project consists of improvements to the North WTP, including pumps, sand filters, pump motors, control valves, bulk storage tanks for lime/alum, flocculators, carbon feeders, and building repairs.  
*Total Project Cost: \$779,726 @\$393,149.00 loan @0.00% for 30 yrs and \$386,577.00 principal forgiveness. (Disadvantaged) (Southeast District)*
3. Village of Wellston (Jenkins Tank)  
This project consists of installation of 1.0MG ground storage tank and the demolishing of the existing one that is beyond its useful life.  
*Total Project Cost: \$752,580 @\$458,723.00 loan @2.00% for 30 yrs and \$293,857.00 principal forgiveness. (Disadvantaged) (Southeast District)*
4. Southern Perry County Water District  
This project consists of water line extensions and a booster station to upgrade the Congo service area.  
*Total Project Cost: \$464,273 @\$373,791.00 loan @2.00% for 20 yrs and \$90,482.00 principal forgiveness. (Southeast District)*
5. Miami County Boone Hill  
This project consists of design loan for a water line along County Road 25-A in Concord Township.  
*Total Project Cost: \$75,805 design loan @2.00% for 5 yrs. (Southwest District)*
6. Miami County Camp Troy  
This project consists of design loan for a water distribution system on the Westside of the city of Troy.  
*Total Project Cost: \$51,803 design loan @2.00% for 5 yrs. (Southwest District)*
7. Miami County Camp Troy

This project consists of construction of a water distribution system and 60 meters mostly 1" service lines.

*Total Project Cost: \$863,680 @\$696,913.00 loan @2.00% for 20 yrs and \$166,767.00 principal forgiveness. (Southwest District)*

8. Village of Mount Orab

This project consists of Phase 1 improvements including water meters purchase and installation.

*Total Project Cost: \$161,106 @\$129,486.00 loan @2.00% for 20 yrs and \$31,620.00 principal forgiveness. (Southwest District)*

9. Mahoning Valley Sanitary District

This project consists of the construction of 2.3 MGD clarifiers and recarbonation process at the Meander WTP, including chemical feeds, sludge and drain lines construction, and electrical improvements.

*Total Project Cost: \$10,000,000 @\$8,000,000.00 loan @2.00% for 20 yrs and \$2,000,000.00 principal forgiveness. (Northeast District)*

10. Village of Malta

This project consists of installation of water meters.

*Total Project Cost: \$498,990 @\$401,777.00 loan @2.00% for 20 yrs and \$97,213.00 principal forgiveness. (Southeast District)*

**2. Set-Aside Activity Status**

**a. Administration**

The set-asides provided for in the 1996 Amendments to the SDWA from other capitalization grants were used when necessary to supplement existing state programs and funds, and not as substitutes for existing funding. By doing this, Ohio EPA could use the maximum amount of funds for infrastructure improvements.

Funds from this set-aside were used to pay salaries and associated expenses of personnel administering the DWAF program. Ohio EPA currently collects administrative fees from loan recipients. Administrative fees collected are deposited into the Administrative Account which also contains the set-aside. Ohio EPA collected the loan origination fee of 1.0 percent of the principal of each loan originated from the WSRLA during PY 2011. The Ohio Water Development Authority (OWDA) requires a fee of 0.35 percent of the principal of the loan amount. The OWDA fees are also deposited into the Administrative Account to be utilized by the OWDA for administrative costs related to the program. Fees deposited into the Administrative Account must be used solely to defray the costs of administering the program.

These fees are due at the time of the loan award. Administrative funds that remain in the account at the conclusion of the program year remain in the account to address program administrative costs in subsequent program years.

Implementation of the DWAF has involved the budgeting of 8.0 FTEs with the Division of Drinking

## IV. Financial Statements

and  
Ground  
Waters

, and 4.0 with the Division of Environmental and Financial Assistance. During the program year, Ohio EPA completed the following administrative activities:

- Development of program documents, procedures and set –aside work plans
- Solicitation of applications
- Development of comprehensive list of projects
- Evaluation of public water systems for technical, financial, and managerial capacity
- Project selection and development of IUPs
- Conduct public meetings for development of project priority lists and IUPs
- Preparation of capitalization grant applications
- Oversight/implementation of Small Systems Technical Program implementation

### b. Capacity Assurance Program

Please see the *PY2011 Capability Assurance Report* for further detailed information, Appendix A.

### c. Small Systems Technical Assistance

Please see the *PY2011 Small Systems Technical Assistance Set-aside Report* for further detailed information, Appendix B.

### d. Wellhead Protection Program

Please see the *PY2011 Wellhead Protection Set-aside Report* for further detailed information, Appendix C.

The Ohio Water Development Authority, our partner in administering the DWAF, is audited annually on a calendar year basis. The DWAF is included in that audit. The annual audit reports, including financial statements, are forwarded to U.S. EPA upon their release by the Auditor, State of Ohio. Financial Statements (Tables 6, 7, 8) for PY 2011 including a balance sheet, statement of cash flows and statement of revenues, expenses and changes in net assets are attached.

Ohio EPA agreed to administer the DWAF in accordance with conditions outlined in the Grant Agreements and the Operating Agreement (July 1998). The following conditions have been met as described in the operating agreement or the capitalization grant agreement and will not be described further:

- Agreement to accept payments
- Follow state laws and procedures
- Follow state accounting and auditing procedures
- Recipient accounting procedures using Generally Accepted Accounting Principles and auditing procedures using Government Auditing Standards
- Use of the Automated Standard Application for Payments
- Preparation of Project Priority List and Program Management and Intended Use Plan annually
- Through the Ohio Water Development Authority, establish and maintain designated DWAF accounts

## V. Compliance with Operating Agreement and Grant Conditions

Other conditions, requirements or regulations which were met during PY 2011 include: matching ASAP increases at the 20 percent level, expeditious and timely expenditure of funds, providing SRF funds only for eligible activities, compliance with SDWA requirements for all projects receiving binding commitments, the MBE/WBE requirements, compliance with other federal authorities; compliance with the State Environmental Review Process (SERP); compliance with the ASAP cash draw procedures and rules established by U.S. EPA; and the performance of an annual audit and annual review.

As required per the Fiscal Year (FY 2011) Full-Year Continuing Appropriations Act (P.L. 112-10) which carried forward requirements from the FY 2010 Appropriations Act (P.L. 111-88), below is information on fund sustainability, Green Project Reserve (GPR) and DWSRF Projects & Reporting Benefits system (PBR) reporting.

In regard to Ohio EPA's DWSRF fund sustainability, Ohio EPA in conjunction with OWDA has developed a model and modeled the fund since its inception. Based on modeled results for PY 2011, the fund remains sustainable, even if the entire FFY 2010 capitalization grant were awarded as subsidy. The model also assumes the capitalization grant ceases after FFY 2018 and that funding levels for FFY 2012 – 2018 remain at FFY 2008 levels. For details on the fund sustainability as modeled recently in June of 2011 for PY 2012, see Appendix D.

During PY 2011, Ohio EPA funded 11 projects that included GPR either in part or the entire project. The GPR total for PY 2011 is \$5,840,990.51. All the projects were in the category of Water Efficiency and two also included Energy Efficiency. Ohio RCAP provided \$148,890 in eligible green set aside assistance and Ohio EPA's Wellhead Protection provided \$921,552 in eligible green set aside assistance. For details on the GPR projects see Appendix E. In addition to the subsidy and green project reserve totals for PY 2011, Ohio EPA anticipates meeting the additional FFY 2010 and 2011 capitalization grant requirements for subsidy and green project reserve in PY 2012.

PBR reporting information and the required data elements are provided in Appendix F.



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Table 2

**Capitalization Grant Award and State Match Summary**

6/30/2011

Grant Number	FFY Appropriation	Cap Grant Award Date	Cap Grant Amount	State Match Amount (20%)	Remarks
FS985954-98	1997	9/11/98	43,073,000.00	8,614,600.00	Provided by OWDA
FS985954-99	1998	9/30/99	22,806,200.00	4,561,240.00	Provided by OWDA
FS985954-00	1999	9/21/00	23,903,100.00	4,780,620.00	2001 BAN
FS985954-00	2000	9/21/00	24,842,200.00	4,968,440.00	2001 BAN
FS985954-00-1	2001	9/19/01	24,944,900.22	4,988,980.04	2001 BAN
FS985954-02	2002	4/26/02	24,547,600.00	4,909,520.00	\$261,960 by 2001 BAN and \$4,647,560 by 2002 SM Bonds
FS985954-03	2003	9/17/03	24,400,100.00	4,880,020.00	2002 SM Bonds
FS985954-04	2004	9/30/04	25,311,500.00	5,062,300.00	\$3,259,157 by 2002 SM Bonds and \$1,803,143 by 2004 SM Bonds
FS985954-05	2005	8/30/05	25,257,900.00	5,051,580.00	2004 SM Bonds
FS985954-06	2006	9/28/06	24,670,900.00	4,934,180.00	2004 SM Bonds
FS985954-07	2007	9/25/07	24,671,000.00	4,934,200.00	2004 SM Bonds
FS985954-08	2008	9/24/08	24,421,000.00	4,884,200.00	2004 SM Bonds
FS985954-09	2009	9/30/09	24,421,000.00	4,884,200.00	2004 SM Bonds
FS985954-10	2011	3/4/11	43,610,000.00	8,722,000.00	2004 SM Bonds
			380,880,400.22	76,176,080.04	Total

**State Match Sources**

Source	Amount
OWDA	13,214,600
2001 BAN	15,000,000
2002 SM Bonds*	12,786,737
2004 SM Bonds	33,814,620
2010 SM Bonds	18,000,000
Interest Earned	2,447,313
<b>Total</b>	<b>95,263,270</b>

**25.01% Percentage of Match  
to Capitalization Grants Received**

Available State Match 19,087,190.20

\*2002 SM Bond Proceeds

Sources and Uses of Funds \$30,076,919.70 - Cost of Issuance (286,807.33), Debt Service Reserve Fund (1,727,415) and Deposit to Debt Service Fund for retirement of Series 2001 BAN 2001 BAN (15,275,958.93)

Source: OWDA

**Table 3**

<b>Set-aside Balances and Expected Capitalization Grant Funding</b>			
6/30/2011			
<b>FFY 2011 Appropriation Capitalization Grant (estimate)</b>			
		<b>2011 Grant</b>	
	<b>Prior Year</b>	<b>Amounts</b>	<b>Total for</b>
<b>Set-Aside Accounts</b>	<b>Balances</b>	<b>(estimates)</b>	<b>each account</b>
Administrative	2,322,921	1,210,440	3,533,361
Wellhead Protection Program	1,564,048	-	1,564,048
Small Community Tech Assistance	923,434	605,220	1,528,654
Public Water System Supervision	3,401,550	1,513,050	4,914,600
	8,211,953	3,328,710	11,540,663

**Source: OWDA**

<b>Table 4</b>						
<b>Proportionality Report</b>						
PY 2011 WSRLA Loan Disbursements						
			Actual Proportionality Percentage	WSRLA Federal Amt	State Match	Target Proportionality Percentage
<b>as of 6/30/2010</b>				\$337,270,400	\$67,454,080	16.67%
	Federal	State	(Total SM/Fed+SM)			
Encumbered	\$ 273,487,524.71	\$76,343,951.61	21.82%			
Disbursed	\$ 228,625,612.11	\$73,043,908.64	24.21%			
<b>as of 9/30/2010</b>				\$337,270,400	\$67,454,080	16.67%
Encumbered	\$ 290,810,172.64	\$76,928,950.79	20.92%			
Disbursed	\$ 256,911,444.34	\$74,485,792.18	22.48%			
<b>as of 12/31/2010</b>				\$337,270,400	\$67,454,080	16.67%
Encumbered	\$ 290,617,604.22	\$76,754,339.06	20.89%			
Disbursed	\$ 274,817,835.74	\$74,603,619.19	21.35%			
<b>as of 3/31/2011</b>				\$380,880,440	\$76,176,080	16.67%
Encumbered	\$ 291,079,274.30	\$78,749,626.18	21.29%			
Disbursed	\$ 278,348,180.08	\$74,939,048.12	21.21%			
<b>as of 6/30/2011</b>				\$380,880,440	\$76,176,080	16.67%
Encumbered	\$ 306,360,823.27	\$87,232,948.77	22.16%			
Disbursed	\$ 280,143,690.30	\$75,642,309.19	21.26%			

Source: OWDA

<b>Table 5</b>											
<b>15% to Small Communities Calculation</b>											
Program Year 2011											
Start of PY	End of PY	Total Amount Available in PY	Amount Made Available in PY	15% Made Available	Amount to Small Communities	PY % of Amount Made Available to Small Communities	Cumulative Amount Made Available	Cumulative Amount to Small Communities	Cumulative % of Amount Made Available to Small Communities	Prior Year Carryover	% of Amount Available with Carryover
11/1/1998	6/30/1999	\$90,479,160	\$90,479,160	\$13,571,874	\$1,276,203	1.41%	\$90,479,160	\$1,276,203	1.41%	\$0	1.41%
7/1/1999	6/30/2000	\$122,904,728	\$122,904,728	\$18,435,709	\$6,025,698	4.90%	\$213,383,888	\$7,301,901	3.42%	\$0	4.90%
7/1/2000	6/30/2001	\$108,532,852	\$108,532,852	\$16,279,928	\$6,470,664	5.96%	\$321,916,740	\$13,772,565	4.28%	\$0	5.96%
7/1/2001	6/30/2002	\$49,799,315	\$49,799,315	\$7,469,897	\$15,861,749	31.85%	\$371,716,055	\$29,634,314	7.97%	\$8,391,852	31.85%
7/1/2002	6/30/2003	\$120,855,214	\$120,855,214	\$18,128,282	\$17,097,690	14.15%	\$492,571,269	\$46,732,004	9.49%	\$7,361,260	21.09%
7/1/2003	6/30/2004	\$89,449,175	\$89,449,175	\$13,417,376	\$29,622,629	33.12%	\$582,020,444	\$76,354,633	13.12%	\$23,566,512	41.35%
7/1/2004	6/30/2005	\$134,511,633	\$134,511,633	\$20,176,745	\$16,045,452	11.93%	\$716,532,077	\$92,400,085	12.90%	\$19,435,219	29.45%
7/1/2005	6/30/2006	\$167,734,147	\$167,734,147	\$25,160,122	\$26,693,586	15.91%	\$884,266,224	\$119,093,671	13.47%	\$20,968,683	27.50%
7/1/2006	6/30/2007	\$147,228,481	\$65,000,000	\$9,750,000	\$38,996,743	59.99%	\$949,266,224	\$158,090,414	16.65%	\$50,215,426	40.73%
7/1/2007	6/30/2008	\$137,424,578	\$120,000,000	\$18,000,000	\$23,035,916	19.20%	\$1,069,266,224	\$181,126,330	16.94%	\$55,251,342	53.30%
7/1/2008	6/4/2009	\$124,025,847	\$120,000,000	\$18,000,000	\$7,085,322	5.90%	\$1,189,266,224	\$188,211,652	15.83%	\$44,336,664	50.26%
7/1/2009	6/30/2010	\$143,624,252	\$140,000,000	\$21,000,000	\$55,208,931	39.43%	\$1,329,266,224	\$243,420,583	18.31%	\$78,545,595	69.31%
7/1/2010	6/30/2011	\$115,612,952	\$75,000,000	\$11,250,000	\$14,193,111	18.92%	\$1,404,266,224	\$257,613,694	18.35%	\$81,488,706	80.21%

Source: DWSRF and DEFA



**Table 7**

<b>Drinking Water Assistance Fund</b>	
Statement of Revenues, Expenses and Changes in Net Assets	
Year ended June 30, 2011	
Revenues:	
Project revenue	16,364,952
Investment income	832,979
Contribution from U.S. EPA	41,379,401
	<u>58,577,332</u>
Expenses:	
Interest on bonds and notes	13,871,889
Amortization of bond issuance expenses	308,017
Operating expenses and other	14,870,772
	<u>29,050,678</u>
Excess (deficiency) of revenues over expenses	
before non - operating revenue	29,526,654
Other	-
Excess (deficiency) of revenues over expenses	<u>29,526,654</u>
Net Assets at beginning of year	318,645,092
Net Assets at end of year	<u>348,171,746</u>

**Source: OWDA**

**Table 8**

<b>Drinking Water Assistance Fund</b>	
Statement of Cash Flows	
Year ended June 30, 2011	
Operating activities:	
Operating expenses	(2,744,088)
Net cash provided (used) by operating activities	(2,744,088)
Investing activities:	
Proceeds from maturity or sale of investments	521,216,695
Purchase of investments	(493,410,929)
Interest received on investments, net of purchased interest	1,947,247
Interest received on projects	15,709,460
Principal collected on projects	27,644,376
Payment for construction of projects	(76,472,125)
Net cash provided (used) by investing activities	(3,365,276)
Noncapital financing activities:	
Interest paid on bonds and notes, net of purchased interest	(13,574,628)
Redemption of bonds and notes	(154,541,508)
Proceeds of bonds and notes	133,866,455
Bond issuance expense	(1,020,356)
Contribution from U.S. EPA	41,379,401
Net cash provided (used) by noncapital financing activities	6,109,364
Net increase (decrease) in cash and cash equivalents	-
Cash and cash equivalents at beginning of period	-
Cash and cash equivalents at end of period	-
Reconciliation to net cash provided (used) by oper activities:	
Excess (deficiency) of revenues over expenses before operating transfer	29,526,654
Adjustments:	
Investment income	(832,979)
Operating expenses	12,126,684
Interest on bonds and notes	13,871,889
Project revenue	(16,364,952)
Amortization of bond issuance cost	308,017
Contribution from U.S. EPA	(41,379,401)
Net cash provided (used) by operating activities	(2,744,088)

**Source: OWDA**

**Table 9  
PY 2011 Binding Commitments and Supplemental Loans**

	Applicant	Project Description	Award Date	WSRLA Loan Amount	Principal Forgiveness	Loan & PF Total	Type	Rate	Term	Pop	Green	GC GB	Purpose
1	Sunset Mobile Home Park	Arsenic Treatment fitted in a MHP	Sep-10	\$13,878	\$3,213	\$17,091	EA	2.00%	10	45	\$0		Construction
2	Buckeye Lake Estates MHP	Connect to Buckeye Lake Public Water System	Oct-10	\$106,907	\$26,727	\$133,634	EA	2.00%	10	379	\$0		Construction
3	Piketon	Design two new storage tanks	Jan-11	\$121,743	\$0	\$121,743	T-II	2.00%	5	1,907	\$0		Design
4	Put-In-Bay	Design new raw water intake	Jan-11	\$239,021	\$0	\$239,021	EA	2.00%	5	128	\$0		Design
5	Miami Co Boone Hill	Design water line in Concord Township	Feb-11	\$75,805	\$0	\$75,805	EA	2.00%	5	1,650	\$0		Design
6	Miami Co Camp Troy	Design water distribution system for west side Troy	Feb-11	\$51,803	\$0	\$51,803	EA	2.00%	5	1,650	\$0		Design
7	Northview Utilities Corp.	Install new sand filter & drill second well	Feb-11	\$111,253	\$0	\$111,253	SML	3.02%	20	120	\$0		Construction
8	Coal Grove	Main & distribution replacement & storage tank	Mar-11	\$281,582	\$178,689	\$460,271	T-II	2.00%	30	3,996	\$0		Construction
9	Martins Ferry	Meters installation	Mar-11	\$772,844	\$541,822	\$1,314,666	T-II	2.00%	30	7,226	\$0		Construction
10	Mount Orab	Meters installation	Apr-11	\$129,486	\$31,620	\$161,106	EA	2.00%	20	2,307	\$161,106	GC	Construction
11	Addyston	Replacement of water line	May-11	\$95,471	\$22,770	\$118,241	EA	2.00%	20	1,200	\$0		Construction
12	Bellaire	Design Rock Road booster station	May-11	\$58,283	\$0	\$58,283	T-II	2.00%	5	4,892	\$0		Design
13	Brilliant Water & Sewer Dist	Install new well & transmission line	May-11	\$253,053	\$163,520	\$416,573	T-II	2.00%	30	2,100	\$0		Construction
14	Burr Oak Regional Water Dist	Water line & a storage tank	May-11	\$1,742,020	\$425,430	\$2,167,450	EA	2.00%	20	20,000	\$0		Construction
15	Flushing	Replacement of water line	May-11	\$1,256,507	\$802,611	\$2,059,118	T-II	2.00%	30	1,632	\$0		Construction
16	Girard	Replacement of water line	May-11	\$64,191	\$15,729	\$79,920	EA	2.00%	5	10,902	\$0		Construction
17	Ironton	Meters installation	May-11	\$962,293	\$397,224	\$1,359,517	T-III	2.00%	30	11,256	\$0		Construction
18	Mahoning Valley Sant. Dist	Meander WTP clarifiers and recarb process upgrade	May-11	\$8,000,000	\$2,000,000	\$10,000,000	EA	2.00%	20	300,000	\$0		Construction
19	Miami Co Camp Troy	Distribution system & meters	May-11	\$676,076	\$166,767	\$863,680	EA	2.00%	20	1,650	\$0		Construction
20	Old Straitsville	Old Town waterline & meter replacement	May-11	\$260,935	\$63,163	\$324,098	EA	2.00%	20	3,620	\$242,506	GB	Construction
21	Southern Perry Co Water Dist	Water line, booster station upgrades in Congo Area	May-11	\$373,791	\$90,482	\$464,273	EA	2.00%	20	4,118	\$131,000	GB	Construction
22	Wakeman	Replacement of water line	May-11	\$96,775	\$23,712	\$120,487	EA	2.00%	20	951	\$0		Construction
23	Blanchester	Distribution mains & hydrants	Jun-11	\$759,659	\$171,746	\$931,405	EA	2.00%	20	4,200	\$0		Construction
24	Brilliant Water & Sewer Dist	Replacement of water line	Jun-11	\$532,692	\$335,607	\$868,299	T-II	2.00%	30	2,100	\$0		Construction
25	Cincinnati Dana Avenue	Water main replacement	Jun-11	\$2,448,889	\$600,352	\$3,049,241	EA	2.00%	20	1,100,000	\$256,641	GB	Construction
26	Cincinnati Lebanon 2	24 in supply main line Lebanon to South Lebanon	Jun-11	\$1,128,793	\$277,506	\$1,409,143	EA	2.00%	20	1,100,000	\$0		Construction

27	Cincinnati Lebanon 4	16 & 12 in main lines Lebanon to South Lebanon	Jun-11	\$1,000,720	\$246,020	\$1,249,262	EA	2.00%	20	1,100,000	\$0		Construction
28	Cincinnati Lebanon 5	7 MGD Pumping station water to Lebanon	Jun-11	\$3,015,433	\$741,153	\$3,815,319	EA	2.00%	20	1,100,000	\$0		Construction
29	Malta	Meters installation	Jun-11	\$401,777	\$97,213	\$498,990	EA	2.00%	20	696	\$0		Construction
30	Put-In-Bay	Intake for peak demand capacity	Jun-11	\$1,197,418	\$294,377	\$1,494,812	EA	2.00%	20	128	\$0		Construction
31	Scioto Water, Inc.	Replace pump, upgrade electrical, purchase generator	Jun-11	\$96,635	\$23,600	\$120,235	EA	2.00%	20	10,001	\$0		Construction
32	Tuppers Plains Chester Wtr Dist	Water line & booster station installation	Jun-11	\$1,078,531	\$455,373	\$1,533,904	T-II	2.00%	30	9,500	\$0		Construction
33	Wellston Jenkins Tank	Installation of storage tank	Jun-11	\$458,723	\$293,857	\$752,580	T-II	2.00%	30	6,078	\$0		Construction
34	Wellston North WTP	Improvements to the North WTP	Jun-11	\$393,149	\$386,577	\$779,726	T-I	0.00%	30	6,078	\$0		Construction
					\$8,876,860	\$37,220,949					\$791,253		

## PY 2011 Supplemental Loans

	Applicant	Project Description	Award Date	WSRLA Loan Amount	Principal Forgiveness	WSRLA & PF Total	Type	Rate	Term	Pop	Green	GC GB	Purpose
1	Franklin Co Timberlake	Supplement to PY10 Loan	Dec-10	\$125,891	\$0.00	\$125,891	prev PY supl	3.25%	20	400	\$0		Construction
2	Cumberland	Supplement to PY10 Loan	Jun-11	\$99,323	\$0.00	\$99,323	prev PY supl	0.00%	29.5	402	\$0		Construction
3	Mt. Orab	Supplement to PY11 Loan	Jun-11	\$16,789	\$4,100.00	\$20,889	curr PY supl	2.00%	20	2,307	\$0		Construction

Please note these projects are accounted for separately and not included in any of the counts.

\$4,100      \$246,103

<b>Binding Commitments</b>	<b>34</b>	\$37,220,949	Total binding commitments
<b>Supplemental Loan Awards</b>	<b>3</b>	\$246,103	Total supplemental loans
<b>Total Loan Awards in PY 2011</b>	<b>37</b>	\$37,467,052	Total loan award amount

## Key

- SML = Small system (<10K) with no affordability points**
- EA = Non-disadvantaged system with affordability points**
- Tier I = Tier I disadvantaged community**
- Tier II = Tier II disadvantage community**
- Tier III = Tier III disadvantaged community**
- GC = Green categorical**
- GB = Green business case**

Source: NIMS and OWDA

## **Appendix A**

### **PY2011 Capability Assurance Report**

September 2011

# Capability Assurance Strategy Annual Report Program Year 2011



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

## Introduction

This Capability Assurance Strategy Annual Report was prepared by the Ohio Environmental Protection Agency (Ohio EPA), Division of Drinking and Ground Water (DDAGW), in fulfillment of the reporting requirements of the United States Environmental Protection Agency (U.S. EPA) *Guidance on Implementing the Capacity Development Provisions of the Safe Drinking Water Act Amendments of 1996* that requires:

*Each year, as a stand-alone submittal or as part of the state's capitalization grant application, the state must provide documentation showing the ongoing implementation of the capacity development strategy.*

The report follows the format specified in a memorandum from Cynthia Dougherty, Director, Office of Ground Water and Drinking Water, on June 1, 2005 regarding "*Reporting Criteria for Annual State Capacity Development Program Implementation Reports*". This report is based on data for State Fiscal Year (SFY) 2011 which covers the period July 1, 2010 through June 30, 2011.

## New Public Water Systems

Ohio Revised Code Sections 6109.24 and 6109.22(M) and Ohio Administrative Code Chapter 3745-87 provide for Ohio's legal authority to implement the new systems program.

All new public water systems must submit a capability assurance plan prior to detail plan approval and start-up of the system.

Between July 1, 2008 and June 30, 2011, 50 community and non-transient non-community public water systems were activated. Table A-1 contains a list of the activated systems. The activated systems list was reviewed to determine which systems are truly new versus found, existing systems or for new satellites of existing systems. DDAGW determined systems are new systems, they are listed in Table A-2.

Of the 50 activated systems that are required to have a CAP, one system has not completed a CAP. We are working with them to have a CAP completed. Two of the systems are considered significant non-compliers, but both were absorbed into another water system.

## Existing Public Water Systems

Listed below are the programs, tools and activities utilized during SFY 2011 to assist existing public water systems in acquiring and maintaining technical, managerial and financial capacity.

- Continued use of a new sanitary survey process utilizing more capability related questions and Capability Assurance Evaluation Forms;
- Compliance and Operational Review Meetings (CORMs);
- Continued use of the Ohio RCAP List as a proactive measure to assist small systems that are having financial or managerial problems;
- Mailed reminder postcards to public water systems for compliance monitoring;
- Utilized a ListServ to communicate information to public water systems and laboratories;
- Targeted systems on the enforcement priority list; and
- Offered free technical, managerial and financial training to public water systems.

## Who needs assistance and what type is needed?

Ohio continues to identify systems in need of capacity development assistance by using a multi-tiered approach.

Track and enforce requirements through the **sanitary survey process**

Identify systems needing managerial and/or financial assistance to achieve or maintain compliance through **the Ohio RPCA list** process

Identify systems needing capability improvements through the **enforcement** priority list compiled quarterly

Prioritize and improve existing system capacity by sending **reminder postcards** to systems that are near the end of the monitoring period and have not monitored as required.

Utilize **electronic service communications**

### ***Sanitary survey process***

All community water systems greater than 250 in population have a Capability Assurance Evaluation Form completed at the time of their sanitary survey. The capability indicators are reviewed at the conclusion of the sanitary survey by completing the Capability Assurance Evaluation Form.

During SFY 2011, 263 capability assurance evaluation forms were completed. The capability assurance evaluation forms were completed as a part of the sanitary survey process. Staff education and continued implementation occurred during SFY 2011.

### ***Ohio RCAP List***

The Ohio RCAP list includes only community water systems serving 10,000 or less in population. Systems intended for this list are those that need financial and/or managerial technical assistance to achieve or maintain compliance. A system placed on the Ohio RCAP list and receives the needed assistance may graduate to the PPL/IPL when it is ready to proceed with a project being funded through the Drinking Water State Revolving Loan Fund. Nineteen small systems were placed on the Ohio RCAP List during PY 2011.

### ***Enforcement***

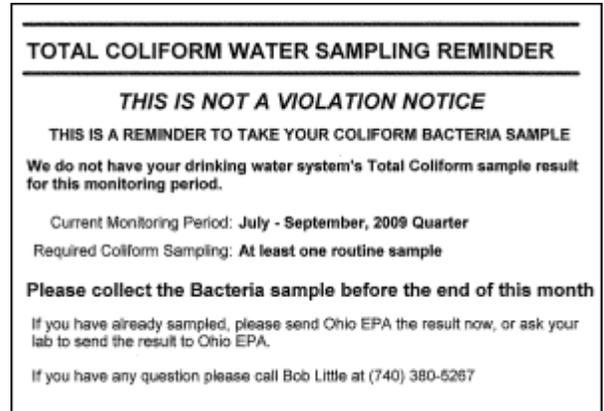
During SFY 2011, DDAGW exceeded our commitment to U.S. EPA to address or resolve at least 110 systems in Significant Non- Compliance (SNC) which is now defined as systems with Enforcement Targeting Tool (ETT) scores of 11 or greater, by addressing more than 134 SNCs. These systems were addressed/resolved by systems returning to compliance, DDAGW completing an enforcement action with systems, correcting/updating our database, and by inactivating systems no longer in operation.

## **Reminder postcards**

Another measure Ohio has taken to prioritize and improve existing system capacity is sending reminder postcards to systems that are near the end of the monitoring period and have not monitored.

During SFY 2011:

- 6,286 **total coliform bacteria** reminder postcards were sent to systems that had not monitored yet during the reporting period;
- Of the postcards sent to public water systems to remind them to take a total coliform bacteria sample; 6,157 systems completed their monitoring (98 percent of the systems);
- 4,900 **chemical/radiological** reminder postcards sent to all public water systems that had not yet completed monitoring;
- Of the postcards sent, 4,507 systems monitored (92 percent of the systems).



The benefit for capacity assurance is two-fold with the reminder postcard program. First, it speaks specifically to the managerial capacity of the system. We are providing the systems with a specific tool to better manage their public water system. Second, if a system that typically does not monitor, does monitor for the contaminant and a maximum contaminant level is found, it gives Ohio EPA the ability to work with the system to improve the technical capacity of the system. Overall this action has increased the overall compliance of public water systems in Ohio.

## **Electronic service communication (ListServ)**

An additional form of communication which encourages compliance and furthers system capability is the ListServ communication tool the drinking water program is currently using. The six electronic mailing lists being used by DDAGW are as follows:

- operator certification with 579 subscribers
- drinking water assistance fund with 171 subscribers;
- compliance with 327 subscribers
- rules update with 851 subscribers
- underground injection control rules with 522 subscribers
- Long Term 2/Stage 2 with 187 subscribers.

The electronic mailing lists provide systems and laboratories with quick and timely updates on drinking water monitoring and compliance issues, federal and state drinking water rule making, operator certification information, state revolving fund information and Stage 2 Disinfectants and Disinfection Byproducts Rule (Stage 2) and the Long Term 2 Enhanced Surface Water Treatment Rule (LT2).

## **Local government, system management and operator training**

Each year Ohio EPA DDAGW provides funding to W.S.O.S Community Action Commission, Inc., Great Lakes Rural Community Assistance Program (Ohio RCAP) to present training courses as part of the Drinking Water Assistance Fund program goals and objectives. These one-day courses are free and targeted to board members, mayors, water system superintendents and operators and are as follows:

*Utility Management for Local Officials* training includes an overview of the three capacity components; managerial, technical and financial;

*Financial Management for Local Officials* training focuses on financial management, record keeping, and an overview of the theory asset management of a public water system;

*Asset Management, Budgeting & Rate Setting for Local Officials* training has participants actually do a hands-on asset management plan using the USEPA Step guide, show how the plan effects budgeting and how rate setting is effected with this data and what to consider when setting rates;

*Applied Asset Management Featuring CUPSS* training includes an introduction to Check Up Program for Small Systems (CUPSS), an overview of the software and hands-on use of the program.

During SFY 2011:

- 3,466 brochures were emailed and were sent regular mail to community public water systems serving 10,000 or fewer in population announcing each course
- 21 training sessions were held statewide
- 223 people in attendance
- 132 systems represented.



This type of outreach and education is important for our current existing system strategy to educate existing systems and increase their capability.

There were two mailings: one for the fall scheduled training sessions and one for the spring training sessions. Both times, 792 brochures were emailed and 941 hard copy brochures were post mailed. Additional mailings go to several associations and organizations such as Ohio American Water Works Association (OAWWA), Ohio Water Environment Association (OWEA), Ohio Rural Water Association (ORWA), Operator Training Committee of Ohio (OTCO), United States Department of Agriculture Rural Development (USDA-RD), County Commissioners Association (CCA), Ohio Municipal League (OML), Ohio Department of Development (ODOD), Ohio Water Development Authority (OWDA), and Ohio EPA central office and all five districts. RCAP also promotes with brochures at OAWWA, OWEA, ORWA, and other statewide exhibit shows throughout the year.

### **Additional program activities**

Ohio partnered with the Ohio Rural Water Association (ORWA) and the Rural Community Assistance Program (RCAP) to provide free, regional training to small public water systems (populations of 3300 and under). Topics included preventative maintenance, source water protection, water loss prevention, operator certification, security and emergency preparedness, reporting via eDWR, backflow prevention and funding opportunities. A total of approximately 450 people received training, representing small community and non-community systems.

Ohio also provided two free webcasts on the new Approved Capacity document, attended by approximately 120 water system operators and engineers.

Ohio's technical assistance position at the Northeast District Office identifies and assists small systems with compliance and capacity related issues. Northeast District Office was chosen because it has the most public water systems of all the districts and many small systems with

lower compliance rates. During SFY 2011, there was continued extended compliance outreach efforts through site visits, emails, letters and phone calls. However, the compliance assistance position was vacated March 31, 2011.

### Planning for future changes

Ohio is planning diligently for upcoming changes that effect how Ohio uses capacity in our everyday dealings with public water systems.

Our Information Management Section has developed and implemented a new web-based reporting application for public water systems (PWS) and certified laboratories. The application was deployed in July 2009 and is now available for use by all PWS and labs. As of July 1, 2010, all certified labs are required to use the new reporting application. The new reporting application is a part of Ohio EPA's eBusiness Center and promotes more efficient exchange of information between water systems, labs and Ohio EPA.

Ohio implemented positions in each district office called District Office Compliance Coordinators, or DOCCs, in SFY 2007 and the positions continued through SFY 2011. These individuals work as a lead worker at the district level and come together at regularly scheduled meetings to improve statewide consistency issues and business processes in an effort to increase capability and compliance of public water systems statewide.



### Capability assurance plans (CAPs)

Capability assurance plans are **required** for all new community and non-transient non-community public water systems and all WSRLA planning, design and construction loan awardees. Capability assurance plans for systems less than 10,000 population can be completed with assistance from Ohio RCAP free of charge to the public water system.

During SFY 2011:

- 34 WSRLA loans were awarded; and
- All of these systems had approved capability assurance plans (27 individual systems).

### Strategy Implementation and Modification

Ohio regularly reviews and makes minor revisions to accomplish greater capacity assurance in Ohio's public water systems. It is not a formal review; however, initiatives for working better with existing systems to encourage compliance and capability are never far from our mind. We are continually working on optimizing our program by adding initiatives that are low cost to implement.

The addition of the capability assurance evaluation forms, capability assurance questions to the sanitary survey and the CORM are initiatives that were incorporated recently in the existing strategy. Other strategies including education and technical assistance have always existed but initiation of additional/different activities were increased for both areas this year with the addition of the Ohio RCAP list. Systems placed on this list receive financial, managerial and technical assistance and other educational tools to maintain compliance and/or prevent enforcement issues.

## **Conclusion**

Ohio continues to take a proactive stance in assuring system capability. We work with new systems, systems receiving a WSRLA loan and existing systems having capability related issues. We are always interested in exploring new initiatives that will increase the capability of the public water systems in Ohio utilizing our available resources. Please contact the Division of Drinking and Ground Water at (614) 644-2752 if you have questions about Ohio's capability assurance program, have suggestions for improvement to our program.

**Table A-1**

Activated systems from July 1, 2008 to June 30, 2011

50 total

PWS ID #	System Name	Activity Date	County	Primary Source	Type	District
OH2101203	WESTERVILLE ESTATES MHP	1/11/2010	DELAWARE	SWP	C	CDO
OH4564712	BUCKEYE LAKE, VILLAGE OF PWS	5/3/2010	LICKING	GWP	C	CDO
OH4566012	GRATIOT IMPROVEMENT ASSOCIATION	10/25/2010	LICKING	GW	C	CDO
OH4566112	EAST END WATER CO	11/12/2010	LICKING	GW	C	CDO
OH4567212	CLYDE SNIDER WATER SYSTEM PWS	12/9/2010	LICKING	GW	C	CDO
OH7676612	WILLOWTREE APARTMENTS PWS	8/29/2008	STARK	GW	C	NEDO
OH8505012	COUNTRY POINTE WOOSTER SUB-ACUTE PWS	9/5/2008	WAYNE	GW	C	NEDO
OH5260712	MEDINA CO/SOUTHERN WATER DIST PWS	6/26/2009	MEDINA	GW	C	NEDO
OH7675512	ROSE HILL WATER CO PWS	10/14/2009	STARK	GW	C	NEDO
OH8563912	BURBANK PARKE PWS	12/13/2010	WAYNE	GW	C	NEDO
OH7806503	TRUMBULL COUNTY - BRACEVILLE TWP PWS	1/24/2011	TRUMBULL	SWP	C	NEDO
OH3946712	NORW - SOUTH DISTRICT	10/29/2009	HURON	SWP	C	NWDO
OH3248312	VANLUE VILLAGE WATER	4/28/2010	HANCOCK	GW	C	NWDO
OH2637812	NORTHEAST WATER SYSTEM	1/1/2011	FULTON	SWP	C	NWDO
OH3539212	HENRY COUNTY REGIONAL W AND S DIST NORTHWESTERN W AND SD -TOLEDO SVCE AREA	2/22/2011	HENRY WOOD	SWP	C	NWDO
OH8752812	SOUTHERN PERRY CO-IRISH RIDGE	5/1/2011	PERRY	SWP	C	SEDO
OH6434912	CAMBRIDGE SKYLINE DRIVE PWS	8/1/2008	PERRY	SWP	C	SEDO
OH3054612	OH MR/GALLIPOLIS DEVELOPMENT CENTER	9/2/2008	GUERNSEY	SWP	C	SEDO
OH2700212	OH MR/GALLIPOLIS DEVELOPMENT CENTER	12/31/2008	GALLIA	GW	C	SEDO
OH3740512	OLD STRAITSVILLE-ROCKBRIDGE	4/1/2010	HOCKING	GWP	C	SEDO
OH5801103	WEST MALTA RURAL WATER PWS	2/16/2011	MORGAN	GWP	C	SEDO
OH2956203	GREENE COUNTY - FAIRBORN	8/2/2010	GREENE	GWP	C	SWDO
OH2567012	BUCKEYE LANDSCAPE PWS	11/19/2008	FRANKLIN	GW	NTNC	CDO
OH2348012	SHALOM UNITED METHODIST CHURCH PWS	9/3/2009	FAIRFIELD	GW	NTNC	CDO
OH4565912	LITTLE VILLAGE DAY CARE PWS	1/21/2010	LICKING	GW	NTNC	CDO
OH2567812	ATT PWS	2/10/2010	FRANKLIN	GW	NTNC	CDO
OH1042812	KINGS WELDING AND FAB	7/9/2008	CARROLL	GW	NTNC	NEDO
OH2875312	HERSHEY MONTESSORI SCHOOL COMM CTR PWS	8/7/2008	GEAUGA	GW	NTNC	NEDO
OH7676912	SCOTT PROCESS SYSTEMS INC PLANT 1 PWS	10/17/2008	STARK	GW	NTNC	NEDO
OH2875412	SAINT GOBAIN/CRYSTALS PWS	11/20/2008	GEAUGA	GW	NTNC	NEDO
OH4339112	CHILD GARDEN TOO	5/15/2009	LAKE	GW	NTNC	NEDO
OH5054412	PURPLE CAT DAY HABILITATION CENTER	10/6/2009	MAHONING	GW	NTNC	NEDO
OH8532012	D + S HILLCREST PWS	11/12/2009	WAYNE	GW	NTNC	NEDO
OH3850312	PROVIA DOOR PWS	2/22/2010	HOLMES	GW	NTNC	NEDO
OH3850512	GOSPEL HAVEN MENNONITE CHURCH PWS	3/24/2010	HOLMES	GW	NTNC	NEDO
OH3850612	WALNUT CREEK PLANING PWS	5/26/2010	HOLMES	GW	NTNC	NEDO
OH5054712	SOUTH RANGE LOCAL SCHOOL K-12 PWS	10/6/2010	MAHONING	GW	NTNC	NEDO
OH7853912	SHIVELY LAND COMPANY PWS	11/15/2010	TRUMBULL	GW	NTNC	NEDO
OH7700021	UPS-RICHFIELD SERVICE CENTER PWS	3/4/2011	SUMMIT	GW	NTNC	NEDO
OH8557112	TRING CORPORATION	4/4/2011	WAYNE	GW	NTNC	NEDO
OH2876312	METZENBAUM TRANSPORTATION GARAGE PWS	4/5/2011	GEAUGA	GW	NTNC	NEDO
OH0254912	SAFY	5/29/2009	ALLEN	GW	NTNC	NWDO

OH7430612	CARMEUSE LIME INC-MAPLE GROVE OPER PWS	6/2/2010	SENECA	GW	NTNC	NWDO
OH7057112	FAITH UNITED METHODIST CH-ASHLAND PWS	10/6/2010	RICHLAND	GW	NTNC	NWDO
OH8752712	NORTHWESTERN W AND SD-FOSTORIA NORTH	11/22/2010	WOOD	SWP	NTNC	NWDO
OH7259312	LAKOTA PRE K-12 SCHOOL PWS	6/27/2011	SANDUSKY	GW	NTNC	NWDO
OH6045712	MY PITTER PATTEN LEARNING CTR PWS	12/8/2010	MUSKINGUM	GW	NTNC	SEDO
OH1252312	CARMICHAEL MACHINE CORP 2 PWS	4/1/2009	CLARK	GWP	NTNC	SWDO
OH7542512	FAIRLAWN K-12 SCHOOL	8/20/2009	SHELBY	GW	NTNC	SWDO
OH5553212	WEST CHARLESTON CHURCH OF THE BRETHREN 2	2/28/2011	MIAMI	GW	NTNC	SWDO

**Table A-2**

New systems from July 1, 2008 to June 30, 2011

22 total

PWS ID	System Name	Type	Activity Date	County	Dist	CAP Req'd	CAP Rec'd	Comments	SNC
OH4564712	BUCKEYE LAKE, VILLAGE OF PWS	C	5/3/2010	LICKING	CDO	Yes	Yes		No
OH4565912	LITTLE VILLAGE DAY CARE PWS	NTNC	1/21/2010	LICKING	CDO	Yes	Yes		No
OH7675512	ROSE HILL WATER CO PWS	C	10/14/2009	STARK	NEDO	No	No	A CAP will no longer be required since the new development will be tying into another PWS	No
OH8563912	BURBANK PARKE PWS	C	12/13/2010	WAYNE	NEDO	Yes	Yes		No
OH7806503	TRUMBULL COUNTY - BRACEVILLE TWP PWS	C	1/24/2011	TRUMBULL	NEDO	No	No	Trumbull Co has 7 PWS's...this is just a satellite of the existing	No
OH2875312	HERSHEY MONTESSORI SCHOOL COMM CTR PWS	NTNC	8/7/2008	GEAUGA	NEDO	Yes	Yes		No
OH1042812	KINGS WELDING AND FAB	NTNC	7/9/2008	CARROLL	NEDO	Yes	Yes		No
OH2875412	SAINT GOBAIN/CRYSTAL S PWS	NTNC	11/20/2008	GEAUGA	NEDO	Yes	Yes		No
OH5054712	SOUTH RANGE LOCAL SCHOOL K-12 PWS	NTNC	10/6/2010	MAHONING	NEDO	Yes	Yes		No
OH2876312	METZENBAUM TRANSPORTATION GARAGE PWS	NTNC	4/5/2011	GEAUGA	NEDO	Yes	Yes		No
OH3946712	NORW - SOUTH DISTRICT	C	10/29/2009	HURON	NWDO	No	No	Water district absorbed PWS	No
OH3248312	VANLUE VILLAGE WATER	C	4/28/2010	HANCOCK	NWDO	Yes	Yes		No
OH2637812	NORTHEAST WATER SYSTEM	C	1/1/2011	FULTON	NWDO	No	No	Water district absorbed Metamora	Yes
OH3539212	HENRY COUNTY REGIONAL W AND S DIST	C	2/22/2011	HENRY	NWDO	Yes	Yes	Water district absorbed McClure	Yes

OH8752812	NORTHWESTERN W AND SD - TOLEDO SVCE AREA	C	5/1/2011	WOOD	NWDO	No	No	Water district absorbed PWS	No
OH8752712	NORTHWESTERN W AND SD- FOSTORIA NORTH	NTNC	11/22/2010	WOOD	NWDO	No	No	Water district absorbed PWS	No
OH7259312	LAKOTA PRE K-12 SCHOOL PWS	NTNC	6/27/2011	SANDUSKY	NWDO	No	No	School expansion	No
OH3740512	OLD STRAITSVILLE- ROCKBRIDGE	C	4/1/2010	HOCKING	SEDO	Yes	Yes	No	No
OH5801103	WEST MALTA RURAL WATER PWS	C	2/16/2011	MORGAN	SEDO	Yes	Yes	No	No
OH5553212	WEST CHARLESTON CHURCH OF THE BRETHREN 2	NTNC	2/28/2011	MIAMI	SWDO	Yes	No	Will be requested	No

**Appendix B**  
**PY2011 Small Systems Technical**  
**Assistance Set-aside Report**

September 2011

## **Drinking Water Assistance Fund Small Systems Technical Assistance Set-Aside Annual Report Program Year 2011**



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

## **Introduction**

The Safe Drinking Water Act, section 1452 requires that states submit a biennial report to U.S. EPA's regional administrator on the state's activities that receive funding under this section. This Small System Technical Assistance Set-Aside Annual Report is being submitted in compliance with this requirement.

Ohio EPA administered a Small Systems Technical Assistance Program utilizing one assistance provider during program year (PY) 2011. W.S.O.S. Community Action Commission, Inc., /Great Lakes Rural Community Assistance Program (Ohio RCAP) was under agreement to provide small system managerial and financial assistance.

## **Funding**

During PY 2011 Ohio EPA used funds available from the FFY 2008, FFY 2009 and FFY2010 technical assistance grant set-asides, (grant account numbers FS985954-08, FS985954-09 and FS985954-10).

The technical assistance agreement with W.S.O.S. Inc. /Ohio RCAP was in effect from July 1, 2010 through June 30, 2011 and funded with a grant in the amount of \$518,937.00.

## **Full Time Equivalent (FTEs)**

In PY 2011, Ohio RCAP allocated 6.46 FTEs to fund the activities of eight technical assistance coordinators who supplied technical, managerial, and financial training to Ohio public water systems serving populations of 10,000 or fewer. The Ohio EPA Northeast District Office (NEDO) had 0.5 FTE dedicated to providing technical assistance to small systems with less than 250 in population. Please see Attachment B-3 for the NEDO detailed activity report.

## **Goals and Objectives**

The goals and objectives for the Drinking Water State Revolving Fund (DWSRF) Small System Technical Assistance program for PY 2011 are as follows:

### **Goals**

1. Maximize below-market rate loans to eligible public water systems to fund improvements to eliminate public health threats and ensure compliance with federal and state drinking water laws and regulations.
2. Target technical assistance to public water systems serving 10,000 or fewer people with a technical assistance program provided by funds from the technical assistance set-aside account.
3. Improve the types and quantity of small and disadvantaged community assistance to reduce the financial impact of capital improvement projects on smaller systems and systems serving less affluent populations.
4. Promote the development of the technical, managerial and financial capability of public water systems to maintain compliance with the state and federal Safe Drinking Water Act (SWDA) requirements, and Ohio's Capacity Assurance Program.

5. Fund the construction of extensions of public water systems, or if extensions are not economically feasible, the construction of new public water systems to address pockets of contaminated private water systems.
6. Encourage the consolidation and/or regionalization of small public water systems to allow them to take advantage of the economies of scale available to larger water systems.

### **Objectives**

1. Assist small systems with the preparation of applications for the DWSRF including determining the ability to repay.
2. Assist in meeting state and other crosscutting requirements of the application.
3. Assist with locating and procuring sources of funding in addition to the DWSRF.
4. Assist with determining the most cost effective option for a public water supply to access safe drinking water.
5. Assist systems with readiness to proceed issues.
6. Assist systems in the development and/or completion of all components of the capability assurance documentation.
7. Assist in increasing managerial and financial capability of small systems.
8. Assist systems by offering seminars for small systems utility board training, rate setting training, and asset management training.
9. Perform 20 Drinking Water Infrastructure Needs Assessments for small systems.

During PY 2011, Ohio continued a technical assistance position at the Northeast District Office (NEDO) to identify and assist small public water systems with compliance. Attachment B-3 contains information taken from monthly reports in PY 2011. The following objectives are specific to the Ohio EPA NEDO technical assistance position:

10. Assisting local systems with priority on public health-based issues using the water use advisory list, Significant Non-Compliers (SNC), and Ground Water Under the Direct Influence (GWUDI) of surface water.
11. Assisting systems with long-term boil advisories. Any system with an advisory longer than eight weeks is determined to be in need of technical assistance.
12. Work with public water systems that have multiple monitoring and reporting violations in consecutive quarters, using the violation database as a reference.
13. Visit individual water systems, providing both training and direction.
14. Provide assistance with sample siting plans, contingency plans, detail plan process, consumer confidence reports, and corrosion control recommendations.

### **Summary of Program Accomplishments**

Ohio RCAP provided services under the Drinking Water Technical Services Set-Aside during PY 2011. Their services are offered to public water systems with 10,000 population or fewer. Attachment B-1 contains information taken from quarterly reports; it details activities and sites that received assistance during the program year. Additional information about Ohio RCAP training and success story for the program year are included in Attachment B-2.

The objectives for the Ohio RCAP grant agreement for PY 2011 were as follows:

### **Objective 1**

**Assist small systems with the preparation of applications for the DWSRF including determining the ability to repay.**

During PY 2011, Ohio RCAP assisted systems in the preparation and completion of applications for loans, including:

- 1 planning and design loan application
- 24 construction loan applications
- 37 pre-applications for the new project priority list (PPL)
- 3 disadvantaged community applications

At year-end, there were no loans in process. Attachment B-1 indicates the activities undertaken throughout the year for each system assisted.

### **Objective 2**

**Assisted 11 systems in meeting state and other crosscutting requirements of the application.**

### **Objective 3**

**Assisted 29 systems with locating and procuring sources of funding in addition to the DWSRF.**

Ohio RCAP coordinates financing packages for systems using Ohio Department of Development's Community Development Block Grant (CDBG) program, Ohio Water Development Authority (OWDA), Ohio's Issue 2 Program, and the USDA Rural Development grant/loan program for water infrastructure development.

### **Objective 4**

**Assisted 7 systems with determination of the most cost effective option for a Public Water Supply to access safe drinking water.**

### **Objective 5**

**Assist 24 systems with readiness to proceed issues.**

### **Objective 6**

**Assist systems in the development and/or completion of all components of the capability assurance documentation.**

During PY 2011, 16 capability assurance plans (CAPs) and 6 updates were completed. No CAPs were in progress at year-end, 27 systems required rate studies and recommendations for increases and 29 systems total were assisted in this category. Eighteen systems were assisted with energy audits which are not part of the CAPs.

### **Objective 7**

**Assist systems by sponsoring training seminars for small systems utility board training, financial management, asset management and budget and rate setting training.**

Ohio RCAP increased their emphasis on providing training courses to water boards and system operators. To this end, Ohio RCAP held 21 training sessions throughout the state to provide water

board training. This training was aimed at providing water boards a better appreciation of planning for operational expenses, emergency measures, equipment replacement, laws, and regulations, funding sources, rate setting, and other aspects of operating a successful water supply. Each course is a one-day training session with resource materials in a take-home binder, plus a CD of functional programs with examples for accounting use.

Five courses of Utility Management for Local Officials were held throughout Ohio. This course includes an overview of the three capability components; managerial, technical and financial.

Six courses of Financial Management for Local Officials were held at various locations in Ohio. This course focuses on financial management, record keeping, and an overview of the theory asset management of a public water system.

Five courses of Asset Management, Budgeting and Rate Setting for Local Officials were held throughout Ohio. This course has participants perform hands-on asset management plan using the U.S. EPA Step guide. Participants discuss how the plan effects budgeting, how rate setting is effected with this data and what to consider when setting rates.

Five courses of Applied Asset Management Featuring CUPSS training includes an introduction to Check Up Program for Small Systems (CUPSS), an overview of the software and hands-on use of the program.

## **Succes Story Summary**

Several areas within the Tupper Plains-Chester Water District (TPCWD) service area experienced numerous system failures due to the infrastructure serving these areas being undersized for current system demands. We effectively worked with the community to develop the Phase 9 Water System Improvements Project, which includes approximately 11,000 feet of 12 inch water line, 12,000 feet of 6 inch waterline, 1,000 feet of 4 inch water line, 17 water service reconnections, 25 gate valves, 8 flush hydrants, a booster station, 12 emergency generators, 9 telemetry control units, and miscellaneous appurtenances.

The project will eliminate system failures, allow the system to meet current system demands, eliminate capacity and reliability issues, eliminate health and safety risks for many residents, eliminate frequent line breaks, increase the capacity of pumping and distribution facilities, provide the District with emergency power equipment, and allow the system to better monitor and control the distribution of clean potable water to its customers.

## **Conclusion**

During PY 2011, Ohio EPA and our technical assistance providers helped many small systems such as Tupper Plains through training, in-person onsite meetings and 25 loan awards to small systems totaling \$14,193,110.91. By meeting our goals and objectives, we continue to provide Ohio's small systems with the technical, managerial and financial assistance they need.

## Attachment B-1

### SUMMARY OF ACTIVITIES COMPLETED BY GREAT LAKES RCAP/WSOS CAC, INC. UNDER DWSRF TECHNICAL ASSISTANCE GRANT

Final Report: July 1, 2010 – June 30, 2011

This report is written to reflect the work completed against the grant objectives. During this quarterly reporting period, RCAP assisted 83 Water Systems with a total of 92 projects enrolled (some Systems have multiple projects). A brief listing of communities served follows each objective.

**Objective 1: Assist small systems with the preparation of application for the DWSRF, including determining the ability to repay.**

Planning and Design Application Completed (1):

- Piketon

Construction Loans Completed (24):

- Addyson
- Bellaire
- Brilliant Water District (2)
- Buckeye Lake Estates
- Coal Grove
- Flushing
- Girard
- Le-Ax Water
- Malta
- Martins Ferry
- Mount Orab
- Mt. Pleasant (emergency loan application)
- Muskingum Watershed Conservancy District
- Northview Utility Corporation
- Old Straitsville Water Association
- Scioto Water
- Somerset
- Southern Perry County Water District
- Sunset MHP (revised application)
- Tappers Plains Chester WD
- Wakeman,
- Wellston (2)

Pre-applications Completed for new Priority List (37):

- Bellaire Water
- Belle Center

- Beverly (2)
- Blanchester (3)
- Caldwell
- Carrollton
- Columbiana
- East Palestine
- Gratiot
- Lakemore
- Lakeview MHP
- LaRue
- Leaders MHP
- Le-Ax Water
- Madison Water District
- Martins Ferry
- Middleport
- Mount Orab
- Mt. Blanchard
- MWCD Water and Somerset
- New Straitsville
- Old Straitsville Water Association
- Quincy
- Scioto Water
- Southern Perry County Water District
- Tupper Plains Chester WD
- Wellston (7)
- Western Guernsey County Regional Water District

Disadvantaged Applications Completed (3):

- Carrollton (2)
- LaRue

Loans in Progress (0):

**Objective 2: Assist in meeting State and other crosscutting requirements of the application.**

(11 communities assisted)

- Blanchester – Assisted with bidding
- Brilliant Water District – Assisted in resolving construction delay
- Brilliant Water District – Completed bid documents
- Flushing – Assisted with post-bid documents
- Greenfield – Assisted with project bidding
- Leaders MHP – Advised on EPA permitting requirements
- Malta – Prepared and submitted site title opinion letter and posted bid docs
- Martins Ferry – Coordinated bid review
- Oak Hill - Assisted with U.S. Army Corp of Engineering Environmental Report
- Piketon – Assisted with execution of design loan agreement
- Piketon – Assisted with pay draws from OWDA and OPWC
- Piketon – Prepared and submitted Post Bid Documents
- Southern Perry County Water District – Assisted with project bidding

- West Mansfield – Completed RFQ for Village

**Objective 3: Assist with locating and procuring sources of funding in addition to the DWSRF.**

(29 communities assisted)

- Blanchester – Assisted with OPWC funding
- Blanchester WM Replacement Phase 1– Assisted with U.S. Army Corp of Engineering funding
- Blanchester WM Replacement Phase 1– Completed Special Appropriations request to Senator Brown
- Bloomingburg – Assisted with OWDA loan application
- Brilliant Water District - Prepared and submitted OPWC application
- Camden – Completed OWDA Construction Loan Application
- Coalton – Assisted with U.S. Army Corp of Engineer funding
- Coalton – Completed ARC full application
- Coalton – Revised ARC full application and prepared documents for CDBG public hearings
- Columbiana - Completed Special Appropriations request to Senator Brown
- Flushing Water – Assisted with USDA RD funding
- Greenfield – Assisted with OPWC funding
- Jewett – Completed draft OWDA application
- Jewette – Assisted with OPWC and OWDA funding
- Lakeview – Completed OWDA application
- Lakeview – Completed OWDA design loan
- Lakeview - Assisted with OPWC application
- LaRue – Completed CDGB application
- LaRue – Conducted public hearings for CDBG funding
- Lindsey – Completed and submitted OPWC application
- Lucas – Completed and submitted OWDA application
- Middleport – Submitted ARC pre-application
- Milford Center – Assisted with OPWC financing
- Milford Center Water – Completed and submitted OWDA design loan
- Mt Victory – Prepared and submitted OWDA application
- New Holland – Continued to assist with USDA RD Funding
- New Straitsville – Completed an OWDA design loan application
- New Straitsville - Completed Special Appropriations request to Senator Brown
- New Straitsville – Prepared and moderated CDBG Public Hearing and submitted ARC pre-application
- Oak Hill - Completed ARC full application
- Oak Hill – Completed OWDA loan application
- Oak Hill – Provided additional TA for U.S. Army Corp of Engineering funding
- Payne - Completed and submitted OPWC application
- Piketon – Completed ARC full Application
- Plymouth – Assisted with OWDA planning loan application
- Plymouth Water – Prepared and submitted an OWDA planning loan
- Quincy - Completed and submitted OPWC application
- Quincy – Reviewed OPWC application
- Quincy – Assisted with OPWC Small Governments application
- Rush Run – Assisted with CDBG administration
- Salineville – Assisted with accessing unused CDBG funding
- Salineville – Assisted with easement issue for CDBG funding

- Salineville – Assisted with extension of CDBG funding
- Sardinia – Assisted with OPWC and OWDA funding
- Sardinia – Assisted with OPWC Small Governments funding
- Switzer Water – Completed WSOS Rural Community Loan Application. Loan was approved.
- Waynesfield – Completed CDBG formula application
- Wellston – Completed ARC pre-application

**Objective 4: Assist with determining what the most affordable option is for a community to access safe drinking water:** (7 communities assisted)

- Camden – Met with Southwest Regional Water to see about a bulk purchase agreement
- Camden – Providing TA to determine if bulk purchasing or developing well field & WTP is best option
- Ernie’s MHP – Assisted with options for providing safe drinking water
- Ernie’s MHP – Assisted with tying system into HECLA Water
- Gratiot Water – Assisted with determining best options to provide safe drinking water
- Lakemore – Assisted with developing a new well project
- Lakeview Village/West Lake MHP – Assisted with regionalization options
- McGuffy Water – Assisted with issues outlined in EPA Sanitary Survey Letter
- Oak Hill - Assisted with issues outlined in EPA Sanitary Survey Letter

**Objective 5: Assist systems with readiness-to-proceed issues for funding, including hiring an engineer, developing a project schedule, obtaining cost estimates, completing data collection for project, defining the need and obtaining supporting documentation, description of the proposed project, project alternatives considered and why rejected.** (24 community assisted)

- Addyston – Established a readiness to proceed plan
- Bellaire – Assisted with preparation of plans and specs.
- Bellaire – Completed financing scenario worksheet
- Beverly – Completed financing plan
- Blanchester – Assisted with financing and project schedule
- Blanchester – Completed financing plan
- Blanchester WM Replacement Phase 2 – Assisted with project bidding schedule
- Blanchester WTP Improvements – Assisted with alternative to purchase water from Wilmington
- Bloomdale – Assisted with location of new well field
- Brilliant Water District New Well – assisted with plans and specs, submitted to DEFA
- Cadiz – Assisted with bidding the construction project
- Cadiz – Assisted with construction issues (road paving)
- Coal Grove – Assisted with financing, plans and bidding, and project schedule
- Coal Grove – Completed project schedule
- Coalton – Assisted with project schedule
- LaRue – Continued to assist with revised project schedule and new well site location
- LaRue – Facilitated communication with EPA regarding location of well
- Le-Ax Water District – Began collecting information for a CAP and WSRLA Application
- Malta – Assisted with rate increase in order to apply for WSRLA disadvantage funding
- Martins Ferry – Assisted with financing plan
- Mt. Victory – Assisted with the QBS process to hire an engineer
- New Straitsville – Assisted with financing plan
- New Straitsville – Finalized financing plan
- Northview Utility Corporation – Continued assistance in project development

- Oak Hill – Prepared project schedule for bidding
- Old Straitsville - Began collecting information for a CAP and WSRLA Application
- Piketon – Prepared financing plan
- Regina Health Care – Assisted with alternative financing options
- Somerset Village – Assisted with project schedule
- Southern Perry County Water District - Began collecting information for a CAP and WSRLA Application
- Switzer Water – Assisted in preparation of project bidding
- Switzer Water – Assisted with cost estimates, project scope and project bidding
- Wellston – Completed Capital Improvements Plan
- Wellston (WTP Improvements) – Continued assistance with project schedule
- Wellston (Jenkins Road Tank) – Assisted with project schedule
- Wellston (North WTP) – Assisted with project schedule

**Objective 6: Capacity development technical assistance will focus on the management of the system. This will include issues relating to: utility planning, identifying both direct and indirect O&M costs, developing budgets, cost recovery, types of financing resources, financial plan development, and marketing utility products and services to consumers. Management assistance will also be provided and will focus on the responsibility of the governing board. In addition, RCAP will work with the Ohio EPA to facilitate the public involvement process in the state’s capacity development strategies. (31 communities assisted)**

- Belle Center – Assisted with user rates
- Belmont County – Assisted with implementation of Rate Study, Completed Rate Study
- Bloomdale – Began Rate Study
- Burton Water – Completed Rate Study and presented to Council
- Caldwell – Began Rate Study
- Cardington – Assisted with implementation of Rate Study recommendations
- Cardington – Rate Study complete; Presented additional rate increase models to Village
- Carroll Township – Began collecting information for Rate Study
- Columbus Grove – Began Rate Study
- Columbus Grove – Completed Rate Study
- East Palestine – Prepared corrective actions from Sanitary Survey
- Hamden – Assisted with implementation of rate increases as a result of Rate Study
- Hamden - Completed Rate Study
- Lakemore Water – Assisted with rates and explained an Asset Management Plan
- Lynchburg – Continued assistance with Rate Study
- Madison Village – Assisted with implementation of Rate Study recommendations
- Madison Village – Finalized Rate Study and presented recommendations to Utilities Committee
- Madison Water District – Completed and presented Rate Study to Council
- Madison Water District – Provided utility rate scenarios and assisted with potential ownership transfer
- Malta – Assisted with rate increase to qualify for EPA/WSRLA
- Manchester – Began Rate Study
- Manchester – Completed draft Rate Study
- Middle Point Water – Completed Rate Study, recommended increase implemented
- Milford – Completed rate study, presentation to Council forthcoming
- Milford – Presented Rate Study to Council
- Mt Victory – Received information to begin Rate Study
- Murray City – Began Rate Study
- Murry City – Completed Rate Study, presented it to Council and assisted in implementation
- New Paris – Completed Rate Study

- New Straitsville – Presented Rate Study short course to Council and began Rate Study
- New Straitsville – Water loss is high – Rate Study postponed pending outcome of water audit
- Obetz – Began Rate Study
- Obetz – Completed Rate Study
- Plymouth – Completed Rate Study
- Pemberville – Discussing possible Rate Study with the Superintendent
- Republic – Presented Rate Setting Course and began Rate Study
- Roaming Shores – Began Rate Study
- Sardina - Completed Rate Study, presentation to Council forthcoming
- Sebring – Conducted Rate Study and presented it to Council
- Sebring – Updated Rate Study to reflect monthly billing instead of quarterly billing
- Swan Creek Water – Began Rate Study
- Swan Creek Water – Conducted Rate Study and presented it to the Board
- Waverly – Began Rate Study
- Waverly - Completed Rate Study and presented it to Council
- Wayne Water - Completed Rate Study, presented it to Council

Needs Surveys:

- Ada – No activity
- Aqua Ohio – Collecting information
- Blanchester - Completed and sent to District
- Bryan Municipal Light and Water – First draft submitted
- Cadiz - Completed and sent to District
- Earnhart Hill Water District - Have communicated with water district and collected Water System study
- East Palestine - Completed and sent to District
- Elida – No activity
- Groveport – Completed and sent to District
- Logan - Site visit, working on data entry
- Millersport - Completed and sent to District
- Nelsonville – Inventory sent to operator
- Ohio American Water - Completed and sent to District
- Orrville – Working on first draft
- Shelby - Completed and sent to District
- Swanton – First draft submitted
- Trotwood – No activity
- Waverly - Completed and sent to District
- Wintersville – Site visit, working on data entry
- Yellow Springs - Site visit, working on data entry

CAPs completed (16):

- Addyson
- Brilliant Water District (2)
- Buckeye Lakes Estates
- Flushing
- Girard
- Le-Ax
- Malta
- Martins Ferry

- Northview Utility Corporation
- Piketon
- Regina Health Care
- Somerset
- Southern Perry County Water District
- Sunset MHP (revised)
- Wakeman

CAP updates completed (6)

- Coal Grove
- Mount Orab
- Old Straitsville Water Association
- Scioto Water
- Tupper Plains Chester WD
- Wellston

CAPs in progress (0):

**Objective 7: Provide Utility Board Member Trainings:**

Date	Location	Course	# of Participants	# of Systems
11/02/10	Zanesville	Utility Management	18	10
11/23/10	Celina	Utility Management	9	7
02/08/11	Medina County	Utility Management	18	11
03/22/11	Washington CH	Utility Management	9	7
03/29/11	Bellfontaine	Utility Management	18	9
		<b>Total Utility Management</b>	<b>72</b>	<b>44</b>
10/12/10	Medina County	Financial Management	9	4
11/03/10	Urbana	Financial Management	5	3
02/15/11	Allen County	Financial Management	9	7
02/22/11	Perrysburg	Financial Management	21	11
03/15/11	Athens	Financial Management	14	8
04/05/11	Newark	Financial Management	18	11
		<b>Total Financial Management</b>	<b>76</b>	<b>44</b>
10/13/10	Medina County	Asset Management	9	4
10/26/10	Columbus	Asset Management	6	2
11/04/10	Urbana	Asset Management	6	4
11/16/10	Jackson	Asset Management	7	6
12/08/10	Mansfield	Asset Management	11	8
		<b>Total Asset Management</b>	<b>39</b>	<b>24</b>
10/15/10	Alliance	Applied Asset Management	8	3
10/27/10	Columbus	Applied Asset Management	4	2
11/17/10	Jackson	Applied Asset Management	7	5
12/09/10	Mansfield	Applied Asset Management	7	4
12/10/10	Hillsboro	Applied Asset Management	10	6
		<b>Total Applied Asset Management</b>	<b>36</b>	<b>20</b>

**Other: Leveraged Funds**

**Leveraged Funds Detail:**

**1<sup>st</sup> Quarter**

Community	Program	Loan	Source	Grant	Source
Lucas	Ohio EPA	\$110,000	OWDA	N/A	N/A
Cadiz	Ohio EPA	N/A	N/A	\$120,000	ARC
Cadiz	Ohio EPA	N/A	N/A	\$61,000	CDBG

**2<sup>nd</sup> Quarter**

Community	Program	Loan	Source	Grant	Source
Cadiz – Jamison Ave Waterline Replacement	Ohio EPA	N/A	N/A	\$61,000	CDBG
Cadiz – Jamison Ave Waterline Replacement	Ohio EPA	N/A	N/A	\$120,000	Regional (OWDA)
Coalton Waterline Replacement	Ohio EPA	\$300,000	Regional (OPWC)	\$300,000	Regional (OPWC)
New Straitsville Water	Ohio EPA	\$75,000	Regional (OWDA)	N/A	N/A
Oak Hill Waterline Replacement	Ohio EPA	\$175,000	Regional (OPWC)	\$174,999	Regional (OPWC)
Salineville Water Project	Ohio EPA	N/A	N/A	\$500,000	CDBG
Salineville Water Project	Ohio EPA	\$2,748,480	CDBG	\$560,431	Regional (EPA ARRA)

**3<sup>rd</sup> Quarter**

Community	Program	Loan	Source	Grant	Source
Coal Grove – Phase 2 Water System	Ohio EPA	\$281,582	Regional (EPA)	\$178,689	Regional (EPA)
Continental Water	Ohio EPA	\$201,321	Regional (OWDA)	N/A	N/A
Fayette	Ohio EPA	\$508,780	Regional (EPA)	N/A	N/A
Lakeview Water Treatment Plant Upgrade	Ohio EPA	\$2,712,626	Regional (OWDA)	N/A	N/A
Lucas WTP Consolidation	Ohio EPA	\$110,000	Regional (OWDA)	N/A	N/A
Mt. Victory	Ohio EPA	\$14,510	Regional (OWDA)	N/A	N/A
Piketon Village Water Storage Tank	Ohio EPA	\$119,907	Regional (EPA WSRLA)	N/A	N/A
Plymouth Water	Ohio EPA	\$50,000	Regional (OWDA)	N/A	N/A

**4<sup>th</sup> Quarter**

Community	Program	Loan	Source	Grant	Source
Brilliant Water & Sewer Dist. (New Well)	Ohio EPA	\$253,053	Regional (EPA/DEFA WSRLA)	\$163,520	Regional (EPA/DEFA WSRLA)
Brilliant Water & Sewer Dist. (New Well)	Ohio EPA	\$100,000	Regional (EPA/DEFA WSRLA)	\$49,000	Regional (EPA/DEFA WSRLA)
Brilliant Water & Sewer Dist. (New Well)	Ohio EPA	\$543,019	Regional (EPA/DEFA WSRLA)	\$340,165	Regional (EPA/DEFA WSRLA)
Caldwell Water Transmission Main	Ohio EPA	\$68,890	Regional (OWDA)	N/A	N/A
Coal Grove Phase 2 Water System	Ohio EPA	\$281,582	Regional (EPA)	\$178,689	Regional (EPA)

Fayette	Ohio EPA	\$508,780	Regional (EPA)	N/A	N/A
Greenfield - N/N 8th St Waterline	Ohio EPA	\$205,302	Regional (OPWC)	\$180,303	Regional (OPWC)
Lakeview Water Treatment Plant Upgrade	Ohio EPA	\$2,712,626	Regional (OWDA)	N/A	N/A
Mt. Victory	Ohio EPA	\$14,510	Regional (OWDA)	N/A	N/A
Oak Hill Waterline Replacement	Ohio EPA	N/A	N/A	\$250,000	Federal (ARC)
Piketon Village Water Storage Tank	Ohio EPA	\$119,907	Regional (EPA WSRLA)	N/A	N/A
Plymouth Water	Ohio EPA	\$50,000	Regional (OWDA)	N/A	N/A
Sardinia Water	Ohio EPA	\$34,891	Regional (OPWC)	\$81,411	Regional (OPWC)

## **Attachment B-2**

With funding from Ohio EPA and other sources, Ohio RCAP has designed and implemented a series of training courses aimed at local officials responsible for the operation and funding of water systems. Descriptions of these courses are as follows:

### **Utility Management for Local Officials (Course 101)**

Participants will be able to manage a water or sewer utility and develop their technical, managerial, and financial capability. Participants will be able to identify their responsibilities regarding operations, rules, open meeting laws and other laws impacting small water and wastewater systems, staffing, hiring consultants, project financing with loans, grants, rate setting, records keeping, income and expenses, budgeting, planning, and all aspects of utility operation. Participants will be able to develop capability for maintaining or achieving compliance with laws and regulations to provide a quality safe product at reasonable rates.

### **Financial Management for Local Officials (Course 201)**

Building on the information provided by the Ohio RCAP 101 course, participants will be able to evaluate financial policies and procedures; develop record systems to make sound decisions on budgets, rates, and capital purchases; manage assets, income, expenses, debt, and reserves. Participants will be able to develop short and long-range plans for providing safe and quality services at a reasonable cost. Participants will be introduced to asset management as a mechanism of good stewardship of their utility. Participants will be able to implement sound financial processes, plans, and strategies for their utility. As a prerequisite, the Utility Management for Local Officials is recommended but not required.

### **Asset Management, Budgeting & Rate Setting for Local Officials (Course 301)**

Participants will be able to evaluate financial needs of operating a water or sewer utility and set rates for services that cover the cost of operations, maintenance, repair, and replacement of the infrastructure assets. Participants will consider actual cost and changes in local conditions as a basis for budgeting expenses, debt service, and requires reserves. Additionally the participants will consider the capital needs of their infrastructure and the availability of loans and grants to cover capital costs along with the development of a rate structure that fits the needs of the community. Participants will determine short and long-term strategies for financing the needs of the utility and be able to deal with customer expectations and concerns. As a prerequisite, the Ohio RCAP 101 and 201 courses are recommended but not required.

### **Applied Asset Management Featuring Check Up Program for Small Systems (CUPSS)**

This course continues the topics of the Asset Management, Budgeting and Rate Setting for Local Officials seminar and will involve the implementation of tools, including CUPSS software recently developed by U.S. EPA and computer programs, to develop asset management plans and rate schedules for individual participants to meet the needs of their individual systems. Each participant will have access to a computer and will implement skills learned throughout the seminar. Participants will have the knowledge, tools, and software to set their own rates and explain these rates to their customers. As a prerequisite, the Ohio RCAP 101, 201, and 301 courses are recommended but not required. Additionally Ohio RCAP will provide each participant with free software that can be used for setting rates and managing the assets of the utility.

## Highlight of PY 2011 Activities

### Tuppers Plains Chester Water District Phase 9 Water System Improvements Project

#### Basis for Project

Several areas within the Tuppers Plains-Chester Water District (TPCWD) service area experienced numerous system failures due to the infrastructure serving these areas being undersized for current system demands. Growth within the District resulted in capacity and reliability issues in these areas. Inadequacies in the existing distribution system posed health and safety risks for many residents. Frequent line breaks, undersized pumping and distribution facilities, the lack of emergency power equipment, and limited system monitoring and control were impacting the District's ability to provide clean potable water to its customers.

#### Project Area

The Phase 9 Water System Improvements Project will benefit a large portion of the TPCWD service area. Approximately 3,800 households with an estimated population of 9,500 residents will benefit from the system improvements. The proposed improvements will be completed in Bedford, Chester, Letart, Olive, Orange, and Sutton Townships of Meigs County and Canaan, Carthage, and Rome Townships of Athens County.

#### Project Funding Sources:

Funding Source	Amount (\$)
Ohio EPA WSRLA Disadvantaged Loan	1,078,531.00
Ohio EPA WSRLA Principal Forgiveness	455,373.00
Total Project Funding	1,533,904.00

#### Project Description:

The project includes approximately 11,000 feet of 12 inch water line, 12,000 feet of 6 inch waterline, 1,000 feet of 4 inch water line, 17 water service reconnections, 25 gate valves, 8 flush hydrants, a booster station, 12 emergency generators, 9 telemetry control units, and miscellaneous appurtenances.

#### Project Impact

The project will eliminate system failures, allow the system to meet current system demands, eliminate capacity and reliability issues, eliminate health and safety risks for many residents, eliminate frequent line breaks, increase the capacity of pumping and distribution facilities, provide the District with emergency power equipment, and allow the system to better monitor and control the distribution of clean potable water to its customers.

### **Attachment B-3**

#### **SUMMARY OF PY 2011 ACTIVITIES COMPLETED BY THE OHIO EPA NORTHEAST DISTRICT OFFICE SMALL SYSTEM TECHNICAL ASSISTANCE POSITION**

During SFY 2011 (July 1 2010 to June 30, 2011), the Northeast District Office (NEDO) of the Ohio EPA Division of Drinking and Ground Waters continued to utilize a position created to assist in improving compliance with small public water systems. We continued our extended compliance outreach efforts through site visits, emails, letters and phone calls. However, the compliance assistance position was vacated March 31, 2011.

USEPA began to circulate information related to the way enforcement was to be considered going forward. A scoring system called the Enforcement Targeting Tool (ETT) was developed that identified systems based on violation received over time. A score of 11 or higher would require an enforcement action be taken. Based on this new information, we utilized our compliance assistance position to replicate and expand the criteria for identifying our most non-compliant water systems.

Lists are distributed to staff identifying the water systems with scores of 11 or higher. They are instructed to make contact with the water systems and attempt to return them to compliance. Systems that cannot be returned to compliance are processed for further enforcement actions.

In addition, the compliance assistance position provided needed input into the Ground Water Rule (GWR). The position assisted in rule and policy development. Additionally, assistance with the development of electronic tracking of GWR compliance samples was completed.

Although the position is currently vacant, we continue to utilize the work products, spreadsheets and calculations that have been developed and are planning to fill the position in the future.

## Attachment C

During SFY 2011 (July 1 2010 to June 30, 2011), the Northeast District Office (NEDO) of the Ohio EPA Division of Drinking and Ground Waters continued to utilize a position created to assist in improving compliance with small public water systems. We continued our extended compliance outreach efforts through site visits, emails, letters and phone calls.

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In addition, the compliance assistance position provided needed input into the Ground Water Rule (GWR). The position assisted in rule and policy development. Additionally, assistance with the development of electronic tracking of GWR compliance samples was completed.

Table 1 below describes the compliance activities that the compliance coordinator had worked on from July 1, 2010 and ending March 31, 2011. The position became vacant April 1, 2011. Substantial progress in achieving compliance with small systems continues to be made.

Although the position is currently vacant, we continue to utilize the work products, spreadsheets and calculations that have been developed and are planning to fill the position in the future.

## NEDO Small Systems Technical Assistance Activities July 1, 2010 to June 30, 2011

Activity	2010						2011					
	July	August	September	October	November	December	January	February	March	April	May	June
MCL Technical Assistance Calls	2	0	0	0	0	1	1	1	0	0	0	0
Site Visits MCL Investigations	2	2	1	0	1	1	1	2	4	0	0	0
In-depth MCL Investigation Discussions w/ Staff	2	0	2	0	1	2	2	0	0	0	0	0
Enforcement Calls	0	0	0	0	0	0	0	0	1	0	0	0
Sanitary Surveys	0	0	0	0	0	1	0	1	0	0	0	0
GWR Workgroup Meetings/Conferences	1	1	2	0	1	1	0	1	0	0	0	0
GWR 4-log Phone Call Assistance	0	0	0	0	0	0	0	0	0	0	0	0
Outreach Presentations on Compliance Assistance	0	0	0	0	0	0	0	0	0	0	0	0
In-house Presentations on Compliance Assistance	1	1	0	0	1	1	0	1	2	0	0	0
MCL Watch List Data Report	0	2	0	0	0	0	0	0	0	0	0	0
SNCERS List Data Report	0	1	0	0	0	0	0	0	0	0	0	0

Table 1

### Special Projects/Data Analysis

Data mining and coordination for the small community MOR mailing (July and August 2010 – 13 events)

Data reproduction of the Federal ETT lists (August 2010 to March 2011 – 66 events)

**Appendix C**  
**PY2011 Wellhead Protection**  
**Set-aside Report**

August 2011

## Drinking Water State Revolving Fund Wellhead Protection Set-aside Annual Report Program Year 2011



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

Ohio EPA utilized the Wellhead Protection Set-aside to fund activities specified in the Drinking Water State Revolving Funds Intended Use Plan for Program Year 2011 (DW SRF IUP). These funds were used to complete source water assessment and wellhead protection activities for public water systems; assist communities developing wellhead protection/source water protection plans; conduct source water protection education and outreach; provide technical assistance; and general administrative and support information management. This report summarizes the annual expenditures, goals and objectives of the Wellhead Protection Set-aside, and program accomplishments by Activity as listed in the DW SRF IUP for Program Year (PY) 2011.

### **A. Expenditures and Full Time Equivalent (FTEs)**

Ohio EPA obligated approximately \$1,100,000 to fund ten full time equivalent staff to support implementation of the wellhead protection and source water assessment activities specified in Ohio's DW SRF Intended Use Plan for PY 2011.

### **B. Goals and Objectives**

The goals and objectives for the Wellhead Protection Program for PY2011 were as follows:

1. Complete source water assessments for new public water systems, revise previous delineations to address

changed pumping configurations or better information, and refine delineations in potential karst/shallow fractured bedrock hydrogeologic settings;

2. Assess and conduct source water quality investigations to evaluate potential contaminant sources impacting source water quality for water systems with contaminant concentrations near or exceeding a MCL;
3. Encourage and provide direct technical assistance to public water systems in development and implementation of source water protection plans;
4. Conduct general public outreach and education and disseminate source water assessments to public water systems and the public via a secure web site;
5. Collaborate with State environmental programs to develop and implement source water protection strategies; and
6. Provide general program support.

### **C. Overview of Program Accomplishments**

During PY 2011, the program has focused on promoting protective strategies, conducting training workshops, providing direct technical assistance to public water system officials, developing education and outreach activities, completing source water assessment reports for new public water systems, re-delineating some of

the wellfields in karst geologic settings, developing and distributing a SWAP survey to approximately 750 community systems, and QA/QC of the source water assessment information geographic information system databases.

During PY 2011, 109 source water assessment reports were completed and mailed out. Of these, 35 were reassessments of protection areas in karst areas and 30 were revisions of earlier source water assessment reports due to new wells at existing wellfields, changed pumping rates, and other types of changes that warranted a revision of the earlier report.

Staff conducted multi-session source water protection planning workshops for the Village of Clarrington, the City of Columbus, the City of Delaware, the City of Delphos, the Village of Middlepoint, the Monroe Water District, the City of Fremont, and the City of Cambridge.

In addition to the workshops, staff reported one or more meetings with 20 public water system operators or local source water protection teams, where they provided information and technical guidance on developing or implementing a local source water protection plan. Eighteen source water protection plans developed by municipal public water systems were received by the Agency during PY2011 and 16 of the plans were endorsed by the agency within that

timeframe. The Agency also received and accepted checklist-style protection plans from an additional 96 nonmunicipal systems (community and noncommunity). As of June 30, 2011, 43 percent of all community water systems covering 64 percent of the population served are substantially implementing source water protection measures under the criteria described in Ohio EPA's program.

Finally, staff responded to 429 technical assistance requests for site-specific maps showing locations of source water protection areas and any nearby waste or product management and storage facilities. Forty-one of these requests came from DDAGW's public drinking water inspectors; the remainder came from private consultants or other state agencies. They also reviewed 71 coal or industrial minerals mining applications for potential drinking water impacts.

#### ***D. Program Accomplishment by Activity***

Accomplishments for each of the program activities identified in the PY 2011 DW SRF IUP are summarized below:

**Activity 1 – Update source water assessments, as needed.**

**Proposed Outcome/Product**

1. Complete source water assessment reports for new public water systems.
2. Revise previous assessments to address changed pumping configurations or better information
3. Revise assessments completed in karst areas.
4. Review for endorsement assessment reports completed by public water systems.

**Actual Work Completed**

- **Assessment Reports.** Completed 100 SWAP reports for public water systems using ground water, including assessments for 44 new wells, 30 revisions of prior assessments based on changed conditions and 35 redelineations for public water systems located in karst areas of southwest and central Ohio. Six redelineations completed by public water systems (through private consultants) were reviewed and endorsed.
- **New Well Sitings.** In addition to the four proposed products, SWAP staff assisted Drinking Water inspectors with siting 85 new wells, providing preliminary maps of the source water protection area with known potential contaminant sources shown. This preliminary mapping enables inspectors to observe required

setbacks from various potential contaminant sources.

**Supplemental Environmental Benefits**

Describing and mapping source water assessment areas enables other environmental programs to prioritize their own regulatory and outreach activities based on their regulated facilities' *proximity to public drinking water sources*. The inclusion of susceptibility evaluations in SWAP reports helps these other programs to further target their efforts based on *likelihood of ground water impacts*. The reports are used extensively by private environmental consultants—who access them directly through the password-protected web site--as a primary source of hydrogeologic information. They are also used extensively by other DDAGW staff for locating Class V wells in SWAP areas as well as for source designations of new wells, Hydrogeologic Sensitivity Assessments (for the Ground Water Rule), and—most recently--to locate salt piles in SWAP areas (see Activity 2).

**Activity 2 – Assess and conduct ground water quality investigations to evaluate potential contaminant sources impacting source water quality for water systems with contaminant concentrations near or exceeding a MCL.**

### **Proposed Outcome/Product(s)**

1. Statewide evaluation of water quality compliance data to establish priority public water systems
2. Study Plans
3. Sample Collection and Analysis
4. Summary Reports
5. Identify probable cause of contamination.

### **Actual Work Completed**

- **Statewide Analysis.** Conducted GIS and aerial photo-based analysis of all the salt piles identified in SWAP reports (most dated 2003-2004), to identify the sites that warranted a site inspection, based on the appearance of the facility and susceptibility of the aquifer to contamination.
- **Site Inspections.** Conducted site inspections of 81 salt storage facilities in April and May, 2011. On this basis, ten facilities of concern were identified. During PY2012, public water systems near these facilities will be sampled for chloride levels, and outreach will be conducted to improve the facility or—ideally—move it out of the public water system’s source water protection area.
- **Summary Report.** Completed a report summarizing what was found during the site inspections, and documenting decisions for further action.
- **Camden Investigation.** Southwest District Office SWAP staff participated in numerous meetings

related to investigation (by a private consultant) of the chloride plume from a commercial salt storage facility in the Village of Camden, which shut down the public water system wells in August 2010. These staff also participated in efforts to locate an alternate source of drinking water, which included using a local domestic well as an emergency public water supply well, assessing proposed new well sites, and encouraging Camden to tie in with a nearby public water system.

- **Convey-It Investigation.** Assisted on an investigation of another commercial salt storage facility (Convey-It), which is responsible for a chloride plume just outside the source water protection area for the City of Springfield (Southwest District Office SWAP staff). Tasks included reviewing soil and ground water monitoring results.
- **Athens Investigation.** Investigated chloride levels in the source water protection area for the City of Athens (Southeast District Office staff). Tasks included reviewing ground water monitoring results.

### **Supplemental Environmental Benefits**

The SWAP assessment reports already have been a primary source of information on salt pile locations. The salt pile investigation and planned follow-up will help prevent future chloride contamination in public water supplies. Chloride in public water supplies affects not only palatability of

water (and possibly human health), but also corrodes the water lines, both in the mains and in private homes, and damages implements such as washing machines and dishwashers. The economic impacts of chloride plumes are therefore broader than simply the costs of replacing a source. Preventing these costs has supplemental benefits to all users of the water resource.

**Activity 3 - Encourage and provide direct technical assistance to public water systems in development and implementation of source water protection plans.**

**Proposed Outcome/Product(s)**

1. Local development of source water protection plans and local implementation of protective strategies.
2. Up to ten local/regional source water protection workshops, led by Ohio EPA.
3. Direct technical assistance to public water systems developing local source water protection plans.

**Actual Work Completed**

- **Protection Plan Reviews.** Reviewed 18 municipal Source Water Protection Plans; 16 were endorsed by the Agency. See list in Appendix 1.
- **Workshops.** Conducted multi-session source water protection planning workshops for the Village of Clarington, the City of Columbus, the City of Delaware, the City of

Delphos, the Village of Middlepoint, the Monroe Water District, the City of Fremont, and the City of Cambridge. The workshops are targeted to local organizations, community officials and public water system operators. Eligible participants receive one contact hour per session (with five sessions planned), which are awarded upon submission of an endorsable protection plan.

- **Meetings.** Participated in one or more meetings with 20 public water system operators or local source water protection teams, where staff provided information and guidance on developing or implementing a local source water protection plan. See list of public water systems in Appendix 2.
- **Checklist Plans.** Received 96 Source Water Protection Plan checklists from non-municipal systems.
- **Certificates.** Returned personalized and signed certificates of recognition to 114 public water systems that had sent in a source water protection plan or a checklist.
- **ORWA.** Held quarterly meetings with Ohio Rural Water Association (ORWA) Source Water Protection staff, to coordinate development of local source water protection plans. Also attended ORWA Annual SWAP workplan meeting in October 2010.

**Activity 4 - Conduct general public outreach and education and disseminate source water assessments to public water systems and the public via a secure web site.**

**Proposed Outcome/Product(s)**

1. Continue development and maintenance of secure web page to access reports.
2. Document management.
3. Respond to technical assistance requests.
4. Update source water assessment and protection web pages.

**Actual Work Completed**

- **Surveys.** Designed an electronic survey to track local implementation of source water protection. In April, letters were sent to operators of community public water systems with a high or moderate susceptibility water source, explaining how to log onto the survey site and pull up their partially-tailored survey using a password specific to their system. In June, systems with e-mail addresses were contacted by e-mail if they had not already submitted a survey. Between April 20 and June 30, 2011, over 400 purveyors submitted a survey. These surveys, which we expect to redistribute at least every three years, will provide valuable current information for assessing substantial implementation.
- **Secure SWAP Web page.** Provided passwords to 96 new registrants for

the Source Water Protection secure Web page, bringing the total to 650. The registered users are primarily environmental consultants, but also include state, local, and federal agencies, regulated communities, schools, and non-profit organizations representing 13 states and the District of Columbia.

- **QA/QC.** Continued to QA/QC the statewide geographic information system data layer of Source Water Protection areas and well locations.
- **Update WHP Delineations.** Continued to update delineations that had been originally completed by consultants under contract to municipalities.
- **SWEET Outreach.** Statewide, 54 Source Water Environmental Education Teams (SWEETs) provided ground water education and information about local source water protection planning to audiences in 58 counties. From July 2010 to December 31, 2010, 21 teams participated in a total of 43 events reaching 5,189 people. Since the inception of SWEET teams in October 2005, SWEETs have reached out to over 70,000 people. *(Note: the grant establishing this program expired December 31, 2010. The program will continue but the detailed tracking efforts required for the grant will not.)*
- **SWEET Web page.** Continued to update the SWEET Web page, fact sheet, and listserv to provide continued support and education to

SWEETs, encourage statewide communication among the teams, and advertise the availability of teams to the general public. The web page registered 1,476 visitors in this program year, and can be accessed at:

([wwwapp.epa.ohio.gov/ddagw/SWEET/](http://wwwapp.epa.ohio.gov/ddagw/SWEET/))

- **SWAP Newsletter.** Completed the 2010 SWAP newsletter, summarizing Source Water Protection accomplishments in Ohio during PY 2010, and posted it on the SWAP Web site in September 2010.
- **Web Site Visitors.** The source water assessment and protection web site was accessed 4,255 times between July 1, 2010 and June 30, 2011.
- **Technical Assistance Maps.** Responded to 429 technical assistance requests for site-specific maps showing locations of source water protection areas and any nearby waste or product management and storage facilities. Forty-one of these requests came from DDAGW's public drinking water inspectors; the remainder came from private consultants or other state agencies. In addition, SWAP staff responded to 71 technical assistance requests for site-specific maps showing locations of source water protection areas near coal or industrial mining sites.
- **SWAP Rules.** Updated a description of the rules that include special conditions for SWAP areas on the SWAP Web site.
- **ORSANCO Meeting.** Participated in an ORSANCO outreach meeting in

Wheeling, WV (April 27, 2011), which presented source water protection efforts to major industrial and municipal dischargers along the Ohio River.

- **Presentations.** SWAP staff gave presentations for:
  - the Midwest Ground Water Conference in Columbus, October 2010.
  - an operator training session organized by the Operator Training Committee of Ohio (March 22, 2011)
  - six training events organized by the Ohio Rural Water Association (March 2, March 16, March 30, April 20, May 18 and June 1, 2011).
- **Region V Meeting.** Attended the annual Region V Source Water Protection Managers meeting in Indianapolis (Sept. 14-16).

**Activity 5 – Collaborate with State environmental programs to develop and implement source water protection strategies.**

#### **Proposed Outcome/Product(s)**

1. Development of regulations or guidance
2. Implementation of best management practices

#### **Actual Work Completed**

- **Balanced Growth Meetings.** Participated in the Balanced Growth initiative for the Lower Olentangy River watershed, ensuring that SWAP areas for both surface and

ground water systems would be designated Priority Conservation Areas.

- **Farm Service Agency.** Coordinated with Farm Service Agency via quarterly meetings. Worked on a method for identifying areas that would most benefit from CRP in terms of both SWAP and FSA priorities while providing the level of discretion that FSA is obliged to maintain. (For example, since Ohio EPA documents are mostly open records, GIS files or maps of the priority areas cannot be stored in any format in Ohio EPA files.)
- **Oil/Gas Drilling Permits.** SWAP staff worked with ODNR Division of Mineral Resources Management staff to ensure that MRM's permits for new oil and gas wells were sufficiently protective of ground water, with special conditions required in source water protection areas.
- **Oil/Gas Pipelines.** SWAP staff researched the planned routes for proposed new oil/gas pipelines and shared the resulting information and maps with public water systems whose source water protection areas are traversed by or contiguous to a proposed pipeline route.

**Activity 6 – Provide general administrative program support for staff.**

**Proposed Outcome/Product**

1. Federal reporting

**Actual Work Completed**

- **Annual Report.** Completed Program Year 2010 DW SRF Wellhead Protection Set-aside Annual Report, August 2010
- **General Management.** Provided general management and supervision to staff, completed annual report and director's quarterly reports; all staff performed time accounting procedures and provided support for accounting, budgeting and purchasing.
- **Administrative Support.** Administrative staff provided general office support to program staff.
- **Technical Support.** Information management staff provided technical support for staff.

**Appendix 1 – List of Public Water Systems that received Endorsement of a Source Water Protection Plan during PY 2011**

- **Village of Granville**
- **City of East Palestine**
- **Portage County-Brimfield Plant**
- **Portage County-Shalersville Plant**
- **Village of Clarington**
- **Le-Ax Regional Water District**
- **Village of Matamoras**
- **Village of Midvale**
- **Monroe Water District**
- **Nelsonville PWS**
- **New Concord PWS**
- **Village of Tuscarawas**
- **Village of West Lafayette**
- **Brown County Rural Water System**
- **Village of Gratis**
- **City of Milford**

**Appendix 2 – List of Public Water Systems that Ohio EPA Provided Direct Technical Assistance to during PY 2011**

Dayton PWS  
Spencerville  
Van Wert,  
Arlington  
Martins Ferry  
Orwell  
Millersburg  
Cambridge  
Chesterhill Village  
Stockport Village  
Columbus  
Delaware  
Granville  
Mt. Gilead  
Jackson Center  
New Carlisle  
Indian Hill  
Village of Mendon  
Mt. Vernon  
Westerville  
Clark County Park Layne

## **Appendix D**

### **WRSLA Fund Modeling Results**

## Appendix D

### WSRLA Fund Modeling Results

June 24, 2011

The following modeling results were based on the following assumptions:

- a. Average loan interest rate: 3.20% (average rate of return through 2010)
- b. Set-asides = 11% in 2012-18
- c. Capitalization Grants: \$30M 2011 and \$24,870,000 in 2012 through 2018.
- d. PY2012 assumptions = \$110M total, including \$25M PF and \$35M in 1% Disadvantaged Loans
- e. A = No Disadvantaged Program after capitalization period (2018).  
 B = Post-capitalization period Disadvantaged Program of \$5M/year @ 0%  
 C = Post-capitalization period Dis. Prog. of \$5M/yr. PF and \$5M/yr. @ 0%

Total Annual Loan Amount Adj. for Inflation	Disadvantaged Commun. 1% Loan	Disadvantaged Commun. 0% Loan	Disad. Commun. Prin. Forgive.	Year 105% Bond Coverage Ends		
				A	B	C
\$50M	\$0	\$0	\$0	2054+	-	-
\$75M	\$0	\$0	\$0	2054+	-	-
\$100M	\$0	\$0	\$0	2054+	-	-
\$125M	\$0	\$0	\$0	2054+	-	-
\$50M	\$10M 2012-18	\$0	\$10M 2012-18	2054+	2054+	2054+
\$75M	\$10M 2012-18	\$0	\$10M 2012-18	2054+	2054+	2054+
\$100M	\$10M 2012-18	\$0	\$10M 2012-18	2054+	2054+	2054+
\$125M	\$10M 2012-18	\$0	\$10M 2012-18	2045	2042	2038
\$50M	\$20 M 2012-18	\$0	\$10M 2012-18	2054+	2054+	2054+
\$75M	\$20 M 2012-18	\$0	\$10M 2012-18	2054+	2054+	2054+
\$100M	\$20 M 2012-18	\$0	\$10M 2012-18	2054+	2054+	2054+
\$125M	\$20 M 2012-18	\$0	\$10M 2012-18	2041	2038	2036
\$50M	\$0	\$20 M 2012-18	\$10M 2012-18	2054+	2054+	2054+
\$75M	\$0	\$20 M 2012-18	\$10M 2012-18	2054+	2054+	2054+
\$100M	\$0	\$20 M 2012-18	\$10M 2012-18	2054+	2054+	2044
\$125M	\$0	\$20 M 2012-18	\$10M 2012-18	2039	2035	2033
\$50M	\$20 M 2012-18	\$0	\$20 M 2012-18	2054+	2054+	2054+
\$75M	\$20 M 2012-18	\$0	\$20 M 2012-18	2054+	2054+	2054+
\$100M	\$20 M 2012-18	\$0	\$20 M 2012-18	2045	2041	2036
\$125M	\$20 M 2012-18	\$0	\$20 M 2012-18	2032	2031	2030
\$50M	\$0	\$20 M 2012-18	\$20 M 2012-18	2054+	2054+	2054+
\$75M	\$0	\$20 M 2012-18	\$20 M 2012-18	2054+	2054+	2054+
\$100M	\$0	\$20 M 2012-18	\$20 M 2012-18	2042	2037	2032
\$125M	\$0	\$20 M 2012-18	\$20 M 2012-18	2031	2029	2029

## **Appendix E**

### **PY2011 Green Project Reserve Projects**



## **Appendix F**

### **PY2011 DWSRF Projects and Benefits Reporting**

Appendix F

PY 2011 Projects & Benefits Reporting System – List of funded projects

IUP Year	PBR Grant Reference	Funding Type	Borrower	Loan Number	Initial Loan Date	Initial Total Assistance Amount	Subsidy	Subsidy Required?	Requirements Amount	Prin Green Infrastructure	Green Infrastructure	Prin Green Energy	Prin Green Water	Prin Green Innovative	Green Subsidy
2011	2010 03/07/11	Project	Addyston	FS390092-0002	26-May-11	118,241.00	22,770.30	FALSE	118,241.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Bellaire	FS390149-0003	26-May-11	58,283.00	0.00	FALSE	58,283.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Blanchester	FS390172-0009	30-Jun-11	931,405.00	171,745.60	FALSE	931,405.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Brilliant	FS391423-0004	26-May-11	416,573.00	163,520.00	FALSE	416,573.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Brilliant	FS391423-0002	30-Jun-11	868,299.00	335,607.48	FALSE	868,299.00	TRUE	0.00	0.00	119,700.00	0.00	0.00
2011		Project	Buckeye Lake Estates	FS391064-0001	27-Oct-10	133,633.60	26,727.00	FALSE		FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Burr Oak	FS391066-0003	26-May-11	2,167,450.00	425,430.00	FALSE	2,167,450.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Cincinnati, GCWW	FS390255-0007	30-Jun-11	1,409,143.00	277,506.00	FALSE	1,409,143.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Cincinnati, GCWW	FS390255-0008	30-Jun-11	1,249,262.00	246,020.00	FALSE	1,249,262.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Cincinnati, GCWW	FS390255-0009	30-Jun-11	3,815,319.00	741,153.00	FALSE	3,815,319.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Cincinnati, GCWW	FS390255-0010	30-Jun-11	3,049,241.00	600,352.00	FALSE	3,049,241.00	TRUE	0.00	0.00	256,641.00	0.00	0.00
2011	2010 03/07/11	Project	Coal Grove	FS390269-0003	31-Mar-11	460,271.00	178,689.00	FALSE	460,271.00	TRUE	0.00	0.00	430,447.00	0.00	0.00
2011	2010 03/07/11	Project	Cumberland (supplemental)	FS390457-01-1	30-Jun-11	99,323.00	0.00	FALSE	99,323.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Flushing	FS390357-0003	26-May-11	2,059,117.71	802,610.52	FALSE	2,059,117.71	TRUE	0.00	0.00	34,350.00	0.00	0.00
2011		Project	Franklin County Timberlake (supl)	FS391796-01-1	09-Dec-10	125,891.00	0.00	FALSE		FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Girard	FS390391-0003	26-May-11	79,920.00	15,729.00	FALSE	79,920.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Ironton	FS390468-0002	26-May-11	1,359,517.00	397,223.83	FALSE	1,359,517.00	TRUE	0.00	0.00	1,359,517.00	0.00	0.00
2011	2010 03/07/11	Project	Mahoning Valley Sanitary Dist	FS391400-0008	26-May-11	10,000,000.00	2,000,000.00	FALSE	10,000,000.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Malta	FS390561-0005	30-Jun-11	498,990.00	97,213.00	FALSE	498,990.00	TRUE	0.00	0.00	498,990.00	0.00	0.00
2011	2010 03/07/11	Project	Martins Ferry	FS390576-0004	31-Mar-11	1,314,666.00	541,822.26	FALSE	1,314,666.00	TRUE	0.00	0.00	1,314,666.00	0.00	0.00
2011		Project	Miami County (Boone Hill)	FS390055-0012	24-Feb-11	75,805.00	0.00	FALSE		FALSE	0.00	0.00	0.00	0.00	0.00
2011		Project	Miami County (Camp Troy)	FS390055-0013	24-Feb-11	51,803.00	0.00	FALSE		FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Miami County (Camp Troy)	FS390055-0009	26-May-11	863,680.00	166,767.00	FALSE	863,680.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Mt. Orab	FS390636-0013	28-Apr-11	161,106.00	31,620.00	FALSE	161,106.00	TRUE	0.00	0.00	161,106.00	0.00	0.00
2011	2010 03/07/11	Project	Mt. Orab (supplemental)	FS390636-0013	30-Jun-11	20,889.00	4,100.00	FALSE	20,889.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011		Project	Northview Utility Corporation	FS391265-0002	24-Feb-11	111,253.00	0.00	FALSE		FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Old Straitsville Water Association	FS391275-0004	26-May-11	324,098.00	63,163.50	FALSE	324,098.00	TRUE	0.00	0.00	242,506.56	0.00	0.00
2011		Project	Piketon	FS390753-0004	27-Jan-11	121,743.00	0.00	FALSE		FALSE	0.00	0.00	0.00	0.00	0.00
2011		Project	Put In Bay	FS390778-0007	27-Jan-11	239,021.00	0.00	FALSE		FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Put In Bay	FS390778-0008	30-Jun-11	1,494,812.00	294,377.00	FALSE	1,494,812.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Scioto Water, Inc.	FS391407-0005	30-Jun-11	120,235.00	23,600.00	FALSE	120,235.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Southern Perry County Water Dist	FS391640-0001	26-May-11	464,273.00	90,482.00	FALSE	464,273.00	TRUE	0.00	131,000.00	0.00	0.00	0.00
2011		Project	Sunset Mobile Home Park	FS391546-0001	30-Sep-10	17,091.23	3,213.60	FALSE		FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Tuppers Plains-Chester Water Dist	FS391356-0005	30-Jun-11	1,533,904.00	455,373.00	FALSE	1,533,904.00	TRUE	0.00	30,000.00	191,625.00	0.00	0.00
2011	2010 03/07/11	Project	Wakeman	FS390950-0001	26-May-11	120,487.00	23,711.75	FALSE	120,487.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Wellston	FS390969-0009	30-Jun-11	779,726.00	386,577.00	FALSE	779,726.00	FALSE	0.00	0.00	0.00	0.00	0.00
2011	2010 03/07/11	Project	Wellston	FS390969-0007	30-Jun-11	752,580.00	293,857.00	FALSE	752,580.00	FALSE	0.00	0.00	0.00	0.00	0.00

37,467,051.54 8,880,960.84

DWSRF Project Management System - Loan List Report for the Period: 7/2010 - 6/2011

Borrower	Loan Number	Loan Amount	Loan Execution Date
Addyston	FS390092-0002	118,241	05/26/2011
Bellaire	FS390149-0003	58,283	05/26/2011
Blanchester	FS390172-0009	931,405	06/30/2011
Brilliant	FS391423-0004	416,573	05/26/2011
Brilliant	FS391423-0002	868,299	06/30/2011
Buckeye Lake Estates	FS391064-0001	133,634	10/27/2010
Burr Oak	FS391066-0003	2,167,450	05/26/2011
Cincinnati, Greater Cincinnati Water Works	FS390255-0010	3,049,241	06/30/2011
Cincinnati, Greater Cincinnati Water Works	FS390255-0007	1,409,143	06/30/2011
Cincinnati, Greater Cincinnati Water Works	FS390255-0008	1,249,262	06/30/2011
Cincinnati, Greater Cincinnati Water Works	FS390255-0009	3,815,319	06/30/2011
Coal Grove	FS390269-0003	460,271	03/31/2011
Cumberland (supplemental)	FS390457-01-1	99,323	06/30/2011
Flushing	FS390357-0003	2,059,118	05/26/2011
Franklin County Timberlake (supplemental)	FS391796-01-1	125,891	12/09/2010
Girard	FS390391-0003	79,920	05/26/2011
Ironton	FS390468-0002	1,359,517	05/26/2011
Mahoning Valley Sanitary District	FS391400-0008	10,000,000	05/26/2011
Malta	FS390561-0005	498,990	06/30/2011
Martins Ferry	FS390576-0004	1,314,666	03/31/2011
Miami County (Boone Hill)	FS390055-0012	75,805	02/24/2011
Miami County (Camp Troy)	FS390055-0013	51,803	02/24/2011
Miami County (Camp Troy)	FS390055-0009	863,680	05/26/2011
Mt. Orab	FS390636-0013	161,106	04/28/2011
Mt. Orab (supplemental)	FS390636-0013-1	20,889	06/30/2011
Northview Utility Corporation	FS391265-0002	111,253	02/24/2011
Old Straitsville Water Association	FS391275-0004	324,098	05/26/2011
Piketon	FS390753-0004	121,743	01/27/2011
Put In Bay	FS390778-0007	239,021	01/27/2011
Put In Bay	FS390778-0008	1,494,812	06/30/2011
Scioto Water, Inc.	FS391407-0005	120,235	06/30/2011
Southern Perry County Water District	FS391640-0001	464,273	05/26/2011
Sunset Mobile Home Park	FS391546-0001	17,091	09/30/2010
Tuppers Plains-Chester Water District	FS391356-0005	1,533,904	06/30/2011
Wakeman	FS390950-0001	120,487	05/26/2011
Wellston	FS390969-0009	779,726	06/30/2011
Wellston	FS390969-0007	752,580	06/30/2011

**Total Loan Amount for the Period:** (7/2010 - 6/2011) 37,467,052

## DWSRF Project Management System

### LOAN INFORMATION

Borrower : Addyston			Record Complete Flag : <input type="checkbox"/>	Tracking #	FS390092-0002
Assistance Type : Loan			First Principal Date : 01/01/2013	Other # :	3866
Funding Source : SRF			Loan Interest Rate 2.00 %	Incremental Funding ? :	<input type="checkbox"/>
			State Market Interest Rate : 4.99 %		

	Initial Amount	Final Amount			
Total Assistance \$	118,241	118,241	Loan Terms : Yrs	Phase #	0
Principal Forgiveness \$	22,770	22,770	% Funded By DWSRF : 0.87	Original Tracking #	
Loan Closing Date	05/26/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits	<input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>					

Final :

---

### PROJECT INFORMATION

PWS Number : OH3100012	System Name : ADDYSTON VILLAGE PWS
System Type : Community	Country(s) Served :
Ownership Type : Municipal	Primary : Hamilton
Age of the System : 30	Other Country 1 :
	Other Country 2 :

Project Description : This project will replace 1,300 feet of 4-inch waterline in Second Street and Baker Lane with new 8-inch waterline. Waterline replacement will include additional fire hydrants, isolation valves and new service connections. The replacement will greatly reduce pressure and supply problems for the users on this street as well as reducing the number

Project Purpose : Other Assistance Not Compliance Related

Project Start Date : 06/21/2011      Project Completion Date : 12/31/2011

Number of Projects Funded : 0

Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 1,200	By the System : 415

---

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/> Percentage	% Of Assistance
<input type="checkbox"/> Amount :	0

Total % 0

Public Health Impact Description : There is no public health impact documented for this project.

Other Project Comments :



## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Blanchester      First Principal Date : 01/01/2012      Tracking # FS390172-0009  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 3583  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	931,405	931,405	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	171,746	171,746	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	06/30/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH1400111      System Name : BLANCHESTER VILLAGE  
 Country(s) Served :  
 System Type : Community      Primary : Clinton  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This project involves the replacement of the existing 4-inch water main on Main St. (SR28) and the existing 8-inch water main on Broadway St.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 08/15/2011      Project Completion Date : 12/31/2011  
 Number of Projects Funded 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 4,500	By the System : 1,700

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Borrower :	Brilliant	Record Complete Flag :	<input type="checkbox"/>	First Principal Date :	01/01/2013	Tracking #	FS391423-0002
Assistance Type :	Loan	Loan Interest Rate	2.00 %	Other # :	3975	Incremental Funding ? :	<input type="checkbox"/>
Funding Source :	SRF	State Market Interest Rate :	4.99 %				

	<b>Initial Amount</b>	<b>Final Amount</b>	Loan Terms :	Yrs	Phase #	0
Total Assistance \$	868,299	868,299	% Funded By DWSRF :	100.00	Original Tracking #	
Principal Forgiveness \$	335,607	335,607	Disadvantaged Assistance ? :	<input checked="" type="checkbox"/>	Same Health Benefits	<input type="checkbox"/>

Loan Closing Date : 06/30/2011  
ARRA Funding :   
Final :

### PROJECT INFORMATION

PWS Number :	OH4100412	System Name :	BRILLIANT WATER &
		Country(s) Served :	
System Type :	Community	Primary :	Jefferson
Ownership Type :	Private	Other Country 1 :	
Age of the System :	30	Other Country 2 :	

Project Description : The project involves the replacement of 3,400 lf of waterline that is presently experiencing severe tuberculation.

Project Purpose :	Other Assistance Not Compliance Related	Project Completion Date :	04/01/2012
Project Start Date :	07/21/2011		
Number of Projects Funded	0		
Project Creates New Systems :	<input type="checkbox"/>	Project Consolidates Systems ( Yes ) :	<input type="checkbox"/>
		Number of Systems Eliminated :	0

<b>Population Served Current</b>	<b>Number of Connections</b>
By the Project :	0
By the System :	1,762
By the Project :	0
By the System :	766

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/> Percentage	% Of Assistance
<input type="checkbox"/> Amount :	0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : GPR Water Efficiency Business Case. The water main replacement project, upon completion will save the community an estimated cost savings of \$3,999.00 per year.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Brilliant  
 Assistance Type : Loan  
 Funding Source : SRF

First Principal Date : 01/01/2012  
 Loan Interest Rate : 2.00 %  
 State Market Interest Rate : 4.99 %

Tracking # : FS391423-0004  
 Other # : 3972  
 Incremental Funding ? :

	Initial Amount	Final Amount	
Total Assistance \$	416,573	416,573	Loan Terms : Yrs
Principal Forgiveness \$	163,520	163,520	% Funded By DWSRF : 100.00
Loan Closing Date	05/26/2011		Disadvantaged Assistance ? : <input checked="" type="checkbox"/>
Final : <input type="checkbox"/>			ARRA Funding : <input type="checkbox"/>
			Phase # : 0
			Original Tracking #
			Same Health Benefits : <input type="checkbox"/>

### PROJECT INFORMATION

PWS Number : OH4100412  
 System Name : BRILLIANT WATER &  
 Country(s) Served :  
 System Type : Community  
 Ownership Type : Private  
 Age of the System : 30  
 Primary : Jefferson  
 Other Country 1 :  
 Other Country 2 :

Project Description : The project involves the construction of a new well for the Brilliant water system to supplement the two existing wells both of which are experiencing capacity limitations. The project will also install a separate transmission line to allow a greater rate of flow to be pumped from the wells directly to the water tank.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 06/21/2011  
 Project Completion Date : 09/01/2011

Number of Projects Funded : 0  
 Project Creates New Systems :  Project Consolidates Systems ( Yes ) :  Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 1,762	By the System : 766

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Buckeye Lake Estates      First Principal Date : 01/07/2011      Tracking # FS391064-0001  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4017  
 Funding Source : SRF      State Market Interest Rate : 3.91 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	133,634	133,634	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	26,727	26,727	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	10/27/2010		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
Final : <input type="checkbox"/>			ARRA Funding : <input type="checkbox"/>	

### PROJECT INFORMATION

PWS Number : OH4500012      System Name : BUCKEYE LAKE ESTATES  
 Country(s) Served :  
 System Type : Community      Primary : Licking  
 Ownership Type : Private      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This project is for the connection of the Buckeye Lake Estates Mobile Home Park water system to the Village of Buckeye Lake's water system, and the abandonment of the existing active and inactive wells at the park. The proposed project involves the construction of 137 3/4 inch diameter service lateral waterlines connecting the main waterlines to

Project Purpose : Assist Compliant Systems to Maintain Compliance  
 Project Start Date : 10/27/2010      Project Completion Date : 12/15/2010  
 Number of Projects Funded 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 1

	Population Served Current		Number of Connections
By the Project :	0		0
By the System :	438		168

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : Upon completion of this project, the park residents will have a improved quality of water and water pressure.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

 Record Complete Flag : 

 Borrower : Burr Oak  
 Assistance Type : Loan  
 Funding Source : SRF

 First Principal Date : 07/01/2012  
 Loan Interest Rate : 2.00 %  
 State Market Interest Rate : 4.99 %

 Tracking # : FS391066-0003  
 Other # : 3856  
 Incremental Funding ? : 

	Initial Amount	Final Amount
Total Assistance \$	2,167,450	2,167,450
Principal Forgiveness \$	425,430	425,430
Loan Closing Date	05/26/2011	
Final : <input type="checkbox"/>		

 Loan Terms : Yrs  
 % Funded By DWSRF : 0.99  
 Disadvantaged Assistance ? :   
 ARRA Funding : 

 Phase # : 0  
 Original Tracking #  
 Same Health Benefits : 

### PROJECT INFORMATION

PWS Number : OH0501311

System Name : BURR OAK REGIONAL

Country(s) Served :

 System Type : Community  
 Ownership Type : Private  
 Age of the System : 30

 Primary : Athens  
 Other Country 1 :  
 Other Country 2 :

Project Description : The project consists of the construction of approximately 18,000 feet of 18" HDPE waterline, a 900,000 gallon water storage tank, with appurtenances all as described in the Ohio EPA Plan Approval dated October 12, 2010, application #777913.

Project Purpose : Assist Non-Compliant Systems to Achieve Compliance

Project Start Date : 06/14/2011

Project Completion Date : 11/30/2011

Number of Projects Funded : 0

 Project Creates New Systems : 

 Project Consolidates Systems ( Yes ) : 

Number of Systems Eliminated : 0

#### Population Served Current

 By the Project : 0  
 By the System : 305

#### Number of Connections

 By the Project : 0  
 By the System : 109

### Project Nims Categories and Compliance objectives

#### Nims Categories :

 Percentage

% Of Assistance

 Amount :

0

Total %

0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Cincinnati, Greater      First Principal Date : 01/01/2012      Tracking # FS390255-0007  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4235  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	1,409,143	1,409,143	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	277,506	277,506	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	06/30/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH3102612      System Name : CINCINNATI PUBLIC  
 Country(s) Served :  
 System Type : Community      Primary : Warren  
 Ownership Type : Municipal      Other Country 1 : Hamilton  
 Age of the System : 10      Other Country 2 :

Project Description : Construction of a 24-inch water main as part of the total project to supply water from GCWW to the City of Lebanon and the Village of South Lebanon.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 07/28/2011      Project Completion Date : 12/15/2011  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 1

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 813,000	By the System : 236,702

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

 Record Complete Flag : 

 Borrower : Cincinnati, Greater  
 Assistance Type : Loan  
 Funding Source : SRF

 First Principal Date : 01/01/2012  
 Loan Interest Rate : 2.00 %  
 State Market Interest Rate : 4.99 %

 Tracking # : FS390255-0008  
 Other # : 4236  
 Incremental Funding ? : 

	Initial Amount	Final Amount
Total Assistance \$	1,249,262	1,249,262
Principal Forgiveness \$	246,020	246,020

 Loan Terms : Yrs  
 % Funded By DWSRF : 100.00  
 Disadvantaged Assistance ? :   
 ARRA Funding : 

 Phase # : 0  
 Original Tracking #  
 Same Health Benefits : 

Loan Closing Date : 06/30/2011

 Final : 

### PROJECT INFORMATION

PWS Number : OH3102612

System Name : CINCINNATI PUBLIC

**Country(s) Served :**

 System Type : Community  
 Ownership Type : Municipal  
 Age of the System : 10

 Primary : Warren  
 Other Country 1 : Hamilton  
 Other Country 2 :

Project Description : Construction of a 16-inch and 12-inch water main as part of the total project to supply water from GCWW to the City of Lebanon and the Village of South Lebanon.

Project Purpose : Other Assistance Not Compliance Related

Project Start Date : 07/28/2011

Project Completion Date : 12/15/2011

Number of Projects Funded : 0

 Project Creates New Systems : 

 Project Consolidates Systems ( Yes ) : 

Number of Systems Eliminated : 0

**Population Served Current**

 By the Project : 0  
 By the System : 813,000

**Number of Connections**

 By the Project : 0  
 By the System : 236,702

### Project Nims Categories and Compliance objectives

**Nims Categories :**
 Percentage

% Of Assistance

 Amount :

0

Total %

0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Borrower : Cincinnati, Greater  
 Assistance Type : Loan  
 Funding Source : SRF

Record Complete Flag :   
 First Principal Date : 01/01/2013  
 Loan Interest Rate : 2.00 %  
 State Market Interest Rate : 4.99 %

Tracking # : FS390255-0009  
 Other # : 4237  
 Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	3,815,319	3,815,319	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	741,153	741,153	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	06/30/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH3102612  
 System Type : Community  
 Ownership Type : Municipal  
 Age of the System : 10

System Name : CINCINNATI PUBLIC  
**Country(s) Served :**  
 Primary : Warren  
 Other Country 1 : Hamilton  
 Other Country 2 :

Project Description : Construction of a 7 MGD pumping station to deliver water from GCWW to the City of Lebanon.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 07/28/2011  
 Project Completion Date : 09/01/2012

Number of Projects Funded : 0  
 Project Creates New Systems :  Project Consolidates Systems ( Yes ) :  Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 813,000	By the System : 236,702

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Cincinnati, Greater      First Principal Date : 01/01/2012      Tracking # FS390255-0010  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4233  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	3,049,241	3,049,241	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	600,352	600,352	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	06/30/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH3102612      System Name : CINCINNATI PUBLIC  
 System Type : Community      Country(s) Served :  
 Ownership Type : Municipal      Primary : Hamilton  
 Age of the System : 10      Other Country 1 :  
 Other Country 2 :

Project Description : This project replaces two water mains along Dana Avenue as part of GCWW's water main replacement program.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 06/30/2011      Project Completion Date : 08/01/2011  
 Number of Projects Funded 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 813,000	By the System : 236,702

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : GPR Water Efficiency Business Case. Replacement of old cast iron water mains will save the city an estimated \$256,641.00 in water loss.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Coal Grove      First Principal Date : 07/01/2012      Tracking # FS390269-0003  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 3985  
 Funding Source : SRF      State Market Interest Rate : 4.77 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	460,271	460,271	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	178,689	178,689	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	03/31/2011		Disadvantaged Assistance ? : <input checked="" type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH4400012      System Name : COAL GROVE VILLAGE  
 Country(s) Served :  
 System Type : Community      Primary : Lawrence  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This project consists of the replacement of 6,200 L.F of 8-inch water transmission main which runs from the water treatment plant to the existing 500,000 gallon water tank. This project also includes re-connections to existing distribution lines, valves, fittings, pavement restoration - WTP improvements including a new backwash pump/motor,

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 04/05/2011      Project Completion Date : 03/01/2012  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 3,996	By the System : 1,534

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : This project replaces a 40 year old water transmission line that has required many repairs. When outages and breaks occur, the entire village water system loses service.

Other Project Comments : GPR Water Efficiency Business Case. Completion of replacing the water main and filter media will save the community an estimated \$25,000 per year.

## DWSRF Project Management System

### LOAN INFORMATION

 Record Complete Flag : 

Borrower :	Cumberland (supplemental)	First Principal Date :	01/01/2011	Tracking #	FS390457-01-1
Assistance Type :	Loan	Loan Interest Rate	0.00 %	Other # :	3376
Funding Source :	SRF	State Market Interest Rate :	4.99 %	Incremental Funding ? :	<input type="checkbox"/>

	Initial Amount	Final Amount		
Total Assistance \$	99,323	99,323	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	0	0	% Funded By DWSRF : 100.00	Original Tracking #
			Disadvantaged Assistance ? : <input checked="" type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
Loan Closing Date	06/30/2011		ARRA Funding : <input type="checkbox"/>	
Final : <input type="checkbox"/>				

### PROJECT INFORMATION

PWS Number :	OH3000212	System Name :	CUMBERLAND VILLAGE
		Country(s) Served :	
System Type :	Community	Primary.:	Guernsey
Ownership Type :	Municipal	Other Country 1 :	
Age of the System :	24	Other Country 2 :	
Project Description :	SUPPLEMENTAL loan to the September 2009 ARRA project loan 390294-0001. This supplemental loan is needed to cover the cost of an additional boring and a backup generator for the booster station.		

Project Purpose :	Assist Non-Compliant Systems to Achieve Compliance		
Project Start Date :	06/30/2011	Project Completion Date :	07/30/2011
Number of Projects Funded	0		
Project Creates New Systems :	<input type="checkbox"/>	Project Consolidates Systems ( Yes ) :	<input checked="" type="checkbox"/> Number of Systems Eliminated : 1
<b>Population Served Current</b>		<b>Number of Connections</b>	
By the Project :	0	By the Project :	0
By the System :	402	By the System :	205

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/> Percentage	% Of Assistance
<input type="checkbox"/> Amount :	0

Total %	0
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Public Health Impact Description : Completion of this project will resolve findings and orders and provide residents of the village safe and reliable drinking water.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Flushing  
 Assistance Type : Loan  
 Funding Source : SRF

First Principal Date : 01/01/2013  
 Loan Interest Rate : 2.00 %  
 State Market Interest Rate : 4.99 %

Tracking # : FS390357-0003  
 Other # : 3855  
 Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	2,059,118	2,059,118	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	802,611	802,611	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	05/26/2011		Disadvantaged Assistance ? : <input checked="" type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH0700912  
 System Name : FLUSHING VILLAGE PWS  
 Country(s) Served :  
 Primary : Belmont  
 Other Country 1 :  
 Other Country 2 :

System Type : Community  
 Ownership Type : Municipal  
 Age of the System : 30

Project Description : The project consists of the installation of 19,510 linear feet of 6 inch PVC waterline, 300 linear feet of 4 and 8 inch waterline, 26 valves, 39 fire hydrants, 16,480 linear feet of service line and various measures of road re-surface replacement.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 06/21/2011  
 Project Completion Date : 06/15/2012

Number of Projects Funded : 0  
 Project Creates New Systems :  Project Consolidates Systems ( Yes ) :  Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 1,803	By the System : 583

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/> Percentage	% Of Assistance
<input type="checkbox"/> Amount :	0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : GPR Water Efficiency Business Case. Completion of this project will save the community \$1,145 per year in water costs.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Franklin County Timberlake      First Principal Date : 07/01/2011      Tracking # FS391796-01-1  
 Assistance Type : Loan      Loan Interest Rate 3.25 %      Other # : 3482  
 Funding Source : SRF      State Market Interest Rate : 3.91 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	125,891	125,891	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	0	0	% Funded By DWSRF : 100.00	Original Tracking #
			Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
Loan Closing Date	12/09/2010		ARRA Funding : <input type="checkbox"/>	
Final : <input type="checkbox"/>				

### PROJECT INFORMATION

PWS Number : OH2501812      System Name : CORDELL REGIONAL  
 Country(s) Served :  
 System Type : Community      Primary : Franklin  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : SUPPLEMENTAL loan to the 391796-01 ARRA project. This loan funds the addition of necessary items required in construction to bring the new WTP construction to the required codes and create a functioning operational WTP as desired by the Franklin County Sanitary Engineer's Office.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 03/16/2011      Project Completion Date : 11/01/2011  
 Number of Projects Funded 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current		Number of Connections	
By the Project :	0	By the Project :	0
By the System :	600	By the System :	197

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : This is a supplemental loan to the October 2009 ARRA loan #391796.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Girard      First Principal Date : 01/01/2012      Tracking # FS390391-0003  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 3862  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	79,920	79,920	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	15,729	15,729	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	05/26/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH7801103      System Name : GIRARD CITY PWS  
 Country(s) Served :  
 System Type : Community      Primary : Trumbull  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This project consists of the replacement of 325 feet of ductile iron water line suspended from the Liberty Street Bridge over SR 11, with appurtenances, all as described in the Ohio EPA CAP Approval dated April 25, 2011.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 06/14/2011      Project Completion Date : 07/17/2011  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 15,000	By the System : 6,400

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Ironton      First Principal Date : 01/01/2013      Tracking # FS390468-0002  
 Assistance Type : Loan      Loan Interest Rate : 2.00 %      Other # : 1806  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	1,359,517	1,359,517	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	397,224	397,224	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	05/26/2011		Disadvantaged Assistance ? : <input checked="" type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding :			<input type="checkbox"/>	

Final :

### PROJECT INFORMATION

PWS Number : OH4400711      System Name : IRONTON PWS  
 Country(s) Served :  
 System Type : Community      Primary : Lawrence  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This project consists of the installation of automated meters, re-setters, replacement of meter pits, clean debris from meter boxes and replacement of lids, all as described in the Limited Environmental review issued May 3, 2011.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 06/21/2011      Project Completion Date : 08/01/2012  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

	Population Served Current		Number of Connections
By the Project :	0		0
By the System :	11,256		4,844

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount :      0

Total %      0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : GPR Water Efficiency Categorical. This project will install 4,803 AMR meters to replace 30 year old meters that are broken and malfunctioning.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Mahoning Valley Sanitary      First Principal Date : 07/01/2013      Tracking # FS391400-0008  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 1827  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount			
Total Assistance \$	10,000,000	10,000,000	Loan Terms : Yrs	Phase #	0
Principal Forgiveness \$	2,000,000	2,000,000	% Funded By DWSRF :	Original Tracking #	
			Disadvantaged Assistance ? :	Same Health Benefits	<input type="checkbox"/>
Loan Closing Date	05/26/2011		ARRA Funding :		<input type="checkbox"/>
Final :	<input type="checkbox"/>				

### PROJECT INFORMATION

PWS Number : OH7801811      System Name : MAHONING VALLEY  
 Country(s) Served :  
 System Type : Non Community      Primary : Trumbull  
 Ownership Type : Private      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This project consists of the construction of two 30 MGD solids contact clarifiers and a recarbonation system at the Meander Water Treatment Plant. The project also involves the relocation of chemical feeds, sludge and drain line construction, electrical improvements, demolition of old structures, replacement of raw water gates and new raw water

Project Purpose : Assist Compliant Systems to Maintain Compliance  
 Project Start Date : 06/14/2011      Project Completion Date : 12/01/2012  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

	Population Served Current		Number of Connections	
By the Project :	0		By the Project :	0
By the System :	47		By the System :	3

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount :      0

Total %      0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Borrower :	Malta	Record Complete Flag :	<input type="checkbox"/>
Assistance Type :	Loan	First Principal Date :	07/01/2012
Funding Source :	SRF	Loan Interest Rate :	2.00 %
		State Market Interest Rate :	4.99 %
		Tracking # :	FS390561-0005
		Other # :	4032
		Incremental Funding ? :	<input type="checkbox"/>

	<b>Initial Amount</b>	<b>Final Amount</b>	
Total Assistance \$	498,990	498,990	Loan Terms : Yrs
Principal Forgiveness \$	97,213	97,213	% Funded By DWSRF : 100.00
			Disadvantaged Assistance ? : <input type="checkbox"/>
Loan Closing Date	06/30/2011		ARRA Funding : <input type="checkbox"/>
Phase #			0
Original Tracking #			
Same Health Benefits			<input type="checkbox"/>

Final :

### PROJECT INFORMATION

PWS Number :	OH5800412	System Name :	MALTA VILLAGE PWS
		Country(s) Served :	
System Type :	Community	Primary :	Morgan
Ownership Type :	Municipal	Other Country 1 :	
Age of the System :	30	Other Country 2 :	

Project Description : The project consists of the installation of water meters in the Village of Malta with appurtenances, all as described in the Ohio EPA Plan Approval dated march 28, 2011. This project qualifies for the Small System with Affordability Points which equates to 20% Principal Forgiveness with the remaining a 2% loan for 20 years.

Project Purpose : Other Assistance Not Compliance Related

Project Start Date : 07/18/2011      Project Completion Date : 09/06/2011

Number of Projects Funded : 0

Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

<b>Population Served Current</b>	<b>Number of Connections</b>
By the Project : 0	By the Project : 0
By the System : 696	By the System : 389

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/> Percentage	% Of Assistance
<input type="checkbox"/> Amount :	0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : GPR Water Efficiency Categorical. This project will install radio read meters in an unmetered area.

## DWSRF Project Management System

### LOAN INFORMATION

Borrower : Martins Ferry  
 Assistance Type : Loan  
 Funding Source : SRF

Record Complete Flag :   
 First Principal Date : 07/01/2012  
 Loan Interest Rate : 2.00 %  
 State Market Interest Rate : 4.77 %

Tracking # : FS390576-0004  
 Other # : 3851  
 Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	1,314,666	1,314,666	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	541,822	541,822	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	03/31/2011		Disadvantaged Assistance ? : <input checked="" type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH0701212  
 System Type : Community  
 Ownership Type : Municipal  
 Age of the System : 30

System Name : MARTINS FERRY PUBLIC  
 Country(s) Served :  
 Primary : Belmont  
 Other Country 1 :  
 Other Country 2 :

Project Description : Purchase and the installation of Water Meters throughout the City of Martins Ferry and its environs that will be served.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 04/27/2011  
 Project Completion Date : 02/15/2012

Number of Projects Funded : 0  
 Project Creates New Systems :  Project Consolidates Systems ( Yes ) :  Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 9,330	By the System : 3,960

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There is no documented public health impact associated with this project.

Other Project Comments : GPR Water Efficiency Categorical. This is an unmetred area.

## DWSRF Project Management System

### LOAN INFORMATION

Record-Complete Flag :

Borrower : Miami County (Boone Hill)      First Principal Date : 01/01/2013      Tracking # FS390055-0012  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 3609  
 Funding Source : SRF      State Market Interest Rate : 4.77 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	75,805	75,805	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	0	0	% Funded By DWSRF : 100.00	Original Tracking #
			Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
Loan Closing Date	02/24/2011		ARRA Funding : <input type="checkbox"/>	
Final : <input type="checkbox"/>				

### PROJECT INFORMATION

PWS Number : OH5502503      System Name : MIAMI CO-CAMP TROY  
**Country(s) Served :**  
 System Type : Community      Primary : Miami  
 Ownership Type : County      Other Country 1 :  
 Age of the System : 21      Other Country 2 :

Project Description : This project is the design of a waterline on County Road 25-A in Concord Twp, Miami county that is necessary to get water service from Stonewood Drive to Boonehill and Windemere Estates.

Project Purpose : Assist Compliant Systems to Maintain Compliance  
 Project Start Date : 04/05/2011      Project Completion Date : 08/01/2012  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 3,213	By the System : 1,236

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/>	Percentage	% Of Assistance
<input type="checkbox"/>	Amount :	0

Total % 0

Public Health Impact Description : Upon completion this project will provide safe, quality water to the Boone Hill subdivision which has documented drinking well contamination.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Miami County (Camp Troy)      First Principal Date : 01/01/2013      Tracking # FS390055-0009  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 3518  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount			
Total Assistance \$	863,680	863,680	Loan Terms : Yrs		Phase # 0
Principal Forgiveness \$	166,767	166,767	% Funded By DWSRF :	0.00	Original Tracking #
			Disadvantaged Assistance ? :	<input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
Loan Closing Date	05/26/2011		ARRA Funding :	<input type="checkbox"/>	
Final :	<input type="checkbox"/>				

### PROJECT INFORMATION

PWS Number : OH5502503      System Name : MIAMI CO-CAMP TROY  
 Country(s) Served :  
 System Type : Community      Primary : Miami  
 Ownership Type : County      Other Country 1 :  
 Age of the System : 21      Other Country 2 :

Project Description : The project consists of the construction of a water distribution system including approximately 6,800 lineal feet of 8-inch diameter water main, and 1900 lineal feet of 1-inch service lines and 60 water meters to 61 properties in the Camp Troy area along Windemere Drive, Carrousel Drive and South County Rd 25A in Miami County, all as described

Project Purpose : Assist Compliant Systems to Maintain Compliance  
 Project Start Date : 07/21/2011      Project Completion Date : 07/01/2012  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current		Number of Connections	
By the Project :	0	By the Project :	0
By the System :	3,213	By the System :	1,236

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount :      0

Total %      0

Public Health Impact Description : Upon completion this project will provide safe, quality drinking water to Camp Troy which has documented drinking well water contamination.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Miami County (Camp Troy)      First Principal Date : 01/10/2011      Tracking # FS390055-0013  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 3610  
 Funding Source : SRF      State Market Interest Rate : 4.77 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	51,803	51,803	Loan Terms : Yrs	Phase # 0
Principal Forgivness \$	0	0	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	02/24/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH5502503      System Name : MIAMI CO-CAMP TROY  
 Country(s) Served :  
 System Type : Community      Primary : Miami  
 Ownership Type : County      Other Country 1 :  
 Age of the System : 21      Other Country 2 :

Project Description : This project is the design of a water distribution system located on the west side of on County Road 25-A in Concord Township, Miami County south of the City of Troy Corporation line, north of Tipp-Cowlesville Road and West of the Great Miami River.

Project Purpose : Assist Compliant Systems to Maintain Compliance  
 Project Start Date : 04/05/2011      Project Completion Date : 11/01/2011

Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 3,213	By the System : 1,236

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : Upon completion this project will provide safe, quality drinking water to Camp Troy which has documented drinking well water contamination.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Mt. Orab      First Principal Date : 01/01/2011      Tracking # FS390636-0013  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4027  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	161,106	161,106	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	31,620	31,620	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	04/28/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH0801011      System Name : MOUNT ORAB VILLAGE  
 Country(s) Served :  
 System Type : Community      Primary : Brown  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This project is for the purchase of 600 new water meters to replace existing deteriorating manual read meters with new remote read meters to increase meter reading efficiency, reduce labor costs, monitor water losses and water consumption, and to better manage the water and wastewater systems.

Project Purpose : Assist Compliant Systems to Maintain Compliance  
 Project Start Date : 06/22/2011      Project Completion Date : 09/15/2011  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

	Population Served Current	Number of Connections
By the Project :	0	0
By the System :	3,565	2,477

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount :      0

Total %      0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : GPR Water Efficiency Categorical. Installation of remote read water meters to replace old defective meters. The estimated GPR amount submitted is greater than the amount funded by DWSRF. The GPR amount has been adjusted to equal the amount of the DWSRF loan amount.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Mt. Orab (supplemental)      First Principal Date : 01/01/2012      Tracking # FS390636-0013-1  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4027  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	20,889	20,889	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	4,100	4,100	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	06/30/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH0801011      System Name : MOUNT ORAB VILLAGE  
 Country(s) Served :  
 System Type : Community      Primary : Brown  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This SUPPLEMENTAL loan is to purchase an additional 100 remote read water meters to replace existing, deteriorating manual read meters. The new meters will increase meter reading efficiency, reduce labor costs, monitor water loss and water consumption and to better manage the water and wastewater systems. Upgraded software will

Project Purpose : Assist Compliant Systems to Maintain Compliance  
 Project Start Date : 08/15/2011      Project Completion Date : 09/15/2011

Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 3,565	By the System : 2,477

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/>	Percentage	% Of Assistance
<input type="checkbox"/>	Amount :	0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : This is a supplemental loan to the April 2011 loan FS390636-0013.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :   
 Borrower : Northview Utility      First Principal Date : 01/01/2012      Tracking # FS391265-0002  
 Assistance Type : Loan      Loan Interest Rate 3.02 %      Other # : 3383  
 Funding Source : SRF      State Market Interest Rate : 4.77 %      Incremental Funding ? :   
  

	Initial Amount	Final Amount		
Total Assistance \$	111,253	111,253	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	0	0	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	02/24/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

  
 Final :

### PROJECT INFORMATION

PWS Number : OH7500912      System Name : NORTHVIEW UTILITIES  
 Country(s) Served :  
 System Type : Community      Primary : Shelby  
 Ownership Type : Private      Other Country 1 :  
 Age of the System : 30      Other Country 2 :  
  
 Project Description : This project consists of a new sand filter treatment facility for arsenic and iron removal at the location of a newly-drilled second well for the Northview Utility Corporation which provides water and sewer services to the residents along the south end of Lake Loramie in Shelby County. Also included in the project is a 3" return line from the new treatment  
  
 Project Purpose : Assist Non-Compliant Systems to Achieve Compliance  
 Project Start Date : 05/02/2011      Project Completion Date : 07/29/2011  
 Number of Projects Funded 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0  
  

	Population Served Current	Number of Connections
By the Project :	0	0
By the System :	115	75

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount :      0

Total % 0

Public Health Impact Description : Upon completion of this project, Northview Utilities Corporation will be able to meet the revised arsenic standards.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Old Straitsville Water      First Principal Date : 07/01/2012      Tracking # FS391275-0004  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 3987  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	324,098	324,098	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	63,164	63,164	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	05/26/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH6401403      System Name : OLD STRAITSVILLE  
 Country(s) Served :  
 System Type : Community      Primary : Perry  
 Ownership Type : Private      Other Country 1 : Hocking  
 Age of the System : 30      Other Country 2 :

Project Description : This project includes the replacement of 2,400' of 2-inch waterline with 3-inch waterline, new water meters and meter pits for the 39 customers in the Old Town area. Also included in this project is the replacement of 360 residential water meters and meter pits for customers throughout the OSWA's system all as described in the Permit to Install dated

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 06/14/2011      Project Completion Date : 01/01/2012  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

	Population Served Current	Number of Connections
By the Project :	0	0
By the System :	3,620	1,293

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/>	Percentage	% Of Assistance
<input type="checkbox"/>	Amount :	0

Total % 0

Public Health Impact Description : Completion of this project will provide safe, reliable drinking water to approximately 50 homes that currently utilize private wells and cisterns which are susceptible to contamination.

Other Project Comments : GPR Water Efficiency Business Case.Replacement of waterline and water meters (with AMR) and 4 sub-meters (leak detection) will save the water association an estimated \$242,506.56 in water loss.

## DWSRF Project Management System

### LOAN INFORMATION

Borrower : Piketon		Record Complete Flag : <input type="checkbox"/>	First Principal Date : 07/15/2011	Tracking # FS390753-0004
Assistance Type : Loan		Loan Interest Rate 2.00 %	Other # : 3995	
Funding Source : SRF		State Market Interest Rate : 4.77 %	Incremental Funding ? : <input type="checkbox"/>	

	<b>Initial Amount</b>	<b>Final Amount</b>		
Total Assistance \$	121,743	121,743	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	0	0	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	01/27/2011		Disadvantaged Assistance ? : <input checked="" type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

### PROJECT INFORMATION

PWS Number : OH6600712	System Name : PIKETON VILLAGE PWS
System Type : Community	Country(s) Served :
Ownership Type : Municipal	Primary : Pike
Age of the System : 30	Other Country 1 :
	Other Country 2 :

Project Description : This loan is for the design of a new 400,000 gallon water storage tank, demolition of an existing 250,000 gallon and 150,000 gallon storage tanks, installation of 7,500 linear feet of 10" water line, gate valves, master meter, fire hydrants and upgrade to the pump station.

Project Purpose : Other Assistance Not Compliance Related

Project Start Date : 01/27/2011      Project Completion Date : 07/01/2011

Number of Projects Funded : 0

Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

<b>Population Served Current</b>	<b>Number of Connections</b>
By the Project : 0	By the Project : 0
By the System : 1,907	By the System : 641

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/> Percentage	% Of Assistance
<input type="checkbox"/> Amount :	0

Total % 0

Public Health Impact Description : Existing tanks fill/empty from the bottom of the tank which creates stagnant water quality problems. Upon completion this project will assure proper water turnover into and out of the tank.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Put In Bay      First Principal Date : 01/01/2012      Tracking # FS390778-0007  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4024  
 Funding Source : SRF      State Market Interest Rate : 4.77 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	239,021	239,021	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	0	0	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	01/27/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH6203311      System Name : PUT-IN-BAY VILLAGE PWS  
 Country(s) Served :  
 System Type : Community      Primary : Ottawa  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This design loan is provided to the Village of Put-in-Bay to assist in the design of the following: a new 12-inch diameter 600 linear feet raw water intake pipe with concrete ballast and intake screens, two(2) new 8-inch diameter multi-barriers filtration trains with new raw water pumps, transfer pumps, backwash pumps, with controls and all associated building

Project Purpose : Assist Compliant Systems to Maintain Compliance  
 Project Start Date : 04/05/2011      Project Completion Date : 06/15/2011  
 Number of Projects Funded 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

	Population Served Current		Number of Connections
By the Project :	0		0
By the System :	700		256

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount :      0

Total %      0

Public Health Impact Description : Upon completion this project will provide improved raw water quality and volume during periods of peak demand.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Put In Bay      First Principal Date : 01/01/2012      Tracking # FS390778-0008  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4025  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	1,494,812	1,494,812	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	294,377	294,377	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	06/30/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH6203311      System Name : PUT-IN-BAY VILLAGE PWS  
 Country(s) Served :  
 System Type : Community      Primary : Ottawa  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : Put-In-Bay is a tourist attraction and during the busy season an average of 30,000 people per weekend visit the island. This places an inordinately high demand on water supply and treatment capacity. This project extends the existing intake into deeper water and improves raw water quality and volume during periods of peak demand. Also, the WTP

Project Purpose : Assist Non-Compliant Systems to Achieve Compliance  
 Project Start Date : 07/01/2011      Project Completion Date : 07/30/2011  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 700	By the System : 256

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount :      0

Total %      0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : Put-In-Bay is under finding and orders for WTP exceedence of the approved capacity for 24 days during July 2010 and 12 in August. The completed project will resolve insufficient water supply and treatment capacity.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Scioto Water, Inc.      First Principal Date : 01/01/2012      Tracking # FS391407-0005  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4239  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	120,235	120,235	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	23,600	23,600	% Funded By DWSRF : 100.00	Original Tracking #
			Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
Loan Closing Date	06/30/2011		ARRA Funding : <input type="checkbox"/>	
Final : <input type="checkbox"/>				

### PROJECT INFORMATION

PWS Number : OH7300303      System Name : SCIOTO WATER, INC.-ROSE  
 System Type : Community      Country(s) Served :  
 Ownership Type : Private      Primary : Scioto  
 Age of the System : 30      Other Country 1 :  
 Other Country 2 :

Project Description : This project is for the construction replacement of one of the existing pumps with a 500 gpm capacity pump, upgrading the electrical system, VFD power controls, and other components, and the purchase of a standby generator sized to be used as a dependable emergency power supply.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 06/30/2011      Project Completion Date : 12/31/2011  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current		Number of Connections	
By the Project :	0	By the Project :	0
By the System :	9,708	By the System :	3,467

### Project Nims Categories and Compliance objectives

#### Nims Categories :

<input checked="" type="checkbox"/>	Percentage	% Of Assistance
<input type="checkbox"/>	Amount :	0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

**LOAN INFORMATION**

Record Complete Flag :

Borrower : Southern Perry County Water      First Principal Date : 07/01/2012      Tracking # FS391640-0001  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4007  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	464,273	464,273	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	90,482	90,482	% Funded By DWSRF : 100.00	Original Tracking #
			Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
Loan Closing Date	05/26/2011		ARRA Funding : <input type="checkbox"/>	
Final : <input type="checkbox"/>				

**PROJECT INFORMATION**

PWS Number : OH6401603      System Name : SOUTHERN PERRY  
 Country(s) Served :  
 System Type : Community      Primary : Perry  
 Ownership Type : County      Other Country 1 :  
 Age of the System : 29      Other Country 2 :

Project Description : This project consist of the construction of waterline extensions and a booster station upgrade in the Congo Service area in Perry County.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 06/07/2011      Project Completion Date : 01/01/2012  
 Number of Projects Funded 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 3

Population Served Current		Number of Connections	
By the Project :	0	By the Project :	0
By the System :	3,729	By the System :	1,386

**Project Nims Categories and Compliance objectives**

**Nims Categories :**

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : GPR Energy Efficiency Business Case. By replacing two more efficient service pumps, the water district will save an estimated \$131,000.00 in electricity spent on operating costs.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Sunset Mobile Home Park      First Principal Date : 01/01/2011      Tracking # FS391546-0001  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 1816  
 Funding Source : SRF      State Market Interest Rate : 4.33 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	17,091	17,091	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	3,214	3,214	% Funded By DWSRF : 100.00	Original Tracking #
			Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
Loan Closing Date	09/30/2010		ARRA Funding : <input type="checkbox"/>	
Final : <input type="checkbox"/>				

### PROJECT INFORMATION

PWS Number : OH6502412      System Name : SUNSET MOBILE HOME  
 Country(s) Served :  
 System Type : Community      Primary : Pickaway  
 Ownership Type : Private      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This project is for the construction improvement of an existing arsenic treatment system at the Sunset Mobile Home Park. The mobile home park arsenic treatment system will be retrofitted with a system that will be purchased from McDonald's Restaurant. The McDonald's arsenic system is rated at 12 gpm. The first upgrade would size the system to

Project Purpose : Assist Non-Compliant Systems to Achieve Compliance  
 Project Start Date : 07/07/2010      Project Completion Date : 12/15/2010  
 Number of Projects Funded 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

	Population Served Current		Number of Connections
By the Project :	0		0
By the System :	75		25

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : Upon completion of the project, arsenic will no longer be present in the water provided to the residents and a long-term solution to the drinking water needs of the park will be addressed.

Other Project Comments : Sunset MHP is under Findings and & Orders to correct violations of the Arsenic Rule.

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Tupper Plains-Chester      First Principal Date : 07/01/2012      Tracking # FS391356-0005  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4002  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	1,533,904	1,533,904	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	455,373	455,373	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	06/30/2011		Disadvantaged Assistance ? : <input checked="" type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH5300612      System Name : TUPPER PLAINS/CHESTER  
 Country(s) Served :  
 System Type : Community      Primary : Meigs  
 Ownership Type : Private      Other Country 1 : Athens  
 Age of the System : 30      Other Country 2 :

Project Description : This project consists of the Phase 9 Water System Improvements project that involves 11,000 LF of 12-inch waterline, 11,800 LF of 6-inch waterline, 200 LF of 4-inch waterline, 25 gate valves, 8 flush hydrants, 18 service taps, 17 meter reconnections, 23,000 LF of locator wire, 1 booster station, telemetry control equipment and 12 generators, all as

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 07/28/2011      Project Completion Date : 03/01/2012  
 Number of Projects Funded 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 15,602	By the System : 5,300

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments : GPR Energy and Water Efficiency Business Case. New VFD's and pumps will provide the community an estimated \$1,000 in electrical savings each year. The water main replacement will provide the community an estimated \$6,387.50 in water savings each year. This project combines three other nominations: New England

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Wakeman      First Principal Date : 01/01/2012      Tracking # FS390950-0001  
 Assistance Type : Loan      Loan Interest Rate 2.00 %      Other # : 4343  
 Funding Source : SRF      State Market Interest Rate : 4.99 %      Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	120,487	120,487	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	23,712	23,712	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	05/26/2011		Disadvantaged Assistance ? : <input type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

### PROJECT INFORMATION

PWS Number : OH3901411      System Name : WAKEMAN VILLAGE PWS  
 Country(s) Served :  
 System Type : Community      Primary : Huron  
 Ownership Type : Municipal      Other Country 1 :  
 Age of the System : 30      Other Country 2 :

Project Description : This project consists of the replacement of 950 feet of waterline, valves and hydrants along Railroad Street in the Village of Wakeman.

Project Purpose : Other Assistance Not Compliance Related  
 Project Start Date : 07/21/2011      Project Completion Date : 09/30/2011  
 Number of Projects Funded : 0  
 Project Creates New Systems :       Project Consolidates Systems ( Yes ) :       Number of Systems Eliminated : 0

Population Served Current		Number of Connections	
By the Project :	0	By the Project :	0
By the System :	951	By the System :	418

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage      % Of Assistance  
 Amount :      0

Total %      0

Public Health Impact Description : There are no documented public health impacts for this project.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Record Complete Flag :

Borrower : Wellston  
 Assistance Type : Loan  
 Funding Source : SRF

First Principal Date : 07/01/2012  
 Loan Interest Rate : 2.00 %  
 State Market Interest Rate : 4.99 %

Tracking # : FS390969-0007  
 Other # : 3346  
 Incremental Funding ? :

	Initial Amount	Final Amount		
Total Assistance \$	752,580	752,580	Loan Terms : Yrs	Phase # 0
Principal Forgiveness \$	293,857	293,857	% Funded By DWSRF : 100.00	Original Tracking #
Loan Closing Date	06/30/2011		Disadvantaged Assistance ? : <input checked="" type="checkbox"/>	Same Health Benefits <input type="checkbox"/>
ARRA Funding : <input type="checkbox"/>				

Final :

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### PROJECT INFORMATION

PWS Number : OH4001912  
 System Name : WELLSTON PUBLIC  
 Country(s) Served :  
 Primary : Jackson

System Type : Community  
 Ownership Type : Municipal  
 Age of the System : 10  
 Other Country 1 :  
 Other Country 2 :

Project Description : This project involves the purchase and installation of a 1.0 MG glass-lined, bolted, ground storage tank constructed next to the existing 1.0 MG storage tank which is beyond its useful life and will be demolished as part of the project.

Project Purpose : Assist Compliant Systems to Maintain Compliance  
 Project Start Date : 07/21/2011  
 Project Completion Date : 02/15/2012

Number of Projects Funded : 0  
 Project Creates New Systems :  Project Consolidates Systems ( Yes ) :  Number of Systems Eliminated : 0

Population Served Current		Number of Connections	
By the Project :	0	By the Project :	0
By the System :	7,302	By the System :	2,608

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### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance

Amount : 0

Total % 0

Public Health Impact Description : Completion of this project will resolve the classification of a major sanitary risk for this water supply.

Other Project Comments :

## DWSRF Project Management System

### LOAN INFORMATION

Borrower : Wellston  
 Assistance Type : Loan  
 Funding Source : SRF

Record Complete Flag :   
 First Principal Date : 07/01/2012  
 Loan Interest Rate : 0.00 %  
 State Market Interest Rate : 4.99 %

Tracking # : FS390969-0009  
 Other # : 1521  
 Incremental Funding ? :

	Initial Amount	Final Amount	
Total Assistance \$	779,726	779,726	Loan Terms : Yrs
Principal Forgiveness \$	386,577	386,577	% Funded By DWSRF : 100.00
			Disadvantaged Assistance ? : <input checked="" type="checkbox"/>
Loan Closing Date	06/30/2011		ARRA Funding : <input type="checkbox"/>
Phase #			0
Final : <input type="checkbox"/>			Original Tracking #
			Same Health Benefits <input type="checkbox"/>

### PROJECT INFORMATION

PWS Number : OH4001912  
 System Type : Community  
 Ownership Type : Municipal  
 Age of the System : 10

System Name : WELLSTON PUBLIC  
 Country(s) Served :  
 Primary : Jackson  
 Other Country 1 :  
 Other Country 2 :

Project Description : The project involves repairs and improvements to the North Water Treatment Plant in Wellston. The improvements include pumps for raw water, sand filter, ROF, control valves, pump, motor, bulk storage tanks for lime/alum, chlorine scales, pH/turbidity monitors, PLCs, record keeping computers, powdered activated carbon feeder, sludge rakes,

Project Purpose : Assist Non-Compliant Systems to Achieve Compliance  
 Project Start Date : 07/21/2011  
 Project Completion Date : 12/01/2011

Number of Projects Funded : 0  
 Project Creates New Systems :  Project Consolidates Systems ( Yes ) :  Number of Systems Eliminated : 0

Population Served Current	Number of Connections
By the Project : 0	By the Project : 0
By the System : 7,302	By the System : 2,608

### Project Nims Categories and Compliance objectives

#### Nims Categories :

Percentage % Of Assistance  
 Amount : 0

Total % 0

Public Health Impact Description : Completion of this project will eliminate the severe sanitary risk occurring at the WTP and supply the residents of Wellston with safe and reliable drinking water.

Other Project Comments :