

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
- Tappers 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
		Total Utility Management	72	44
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
		Total Financial Management	76	44
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
		Total Asset Management	39	24
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
		Total Applied Asset Management	36	20

Other: Leveraged Funds

Leveraged Funds Detail:

1st 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

2nd 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)

3rd 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

4th 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.

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.

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)