

3rd Annual Report

November 2002 - October 2003

Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas

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What is the Southeastern Regional Small Public Water Systems Technical Assistance Center?

The Safe Drinking Water Act (SDWA), 42 USC SS300f et seq., was significantly amended in 1996. In particular, the SWDA amendments authorized the Environmental Protection Agency (EPA) to make grants to institutions of higher learning to establish and operate small public water system technology assistance centers (TACs). The Southeastern Regional Small Public Water Systems Technical Assistance Center (SE-TAC) administered by the GeoResources Institute (GRI) at Mississippi State University, is one of eight TACs nationwide. Established in September 2000, SE-TAC provides seed money for new or enhanced training, technical assistance, or pilot projects that will directly and significantly enhance the ability of small public water systems in the Southeastern United States to meet the Safe Drinking Water Act's increased technical, monitoring and reporting requirements and protect public health.

SE-TAC's mission is to use the unique capabilities of universities to build partnerships throughout the southeastern region of the United States to directly and significantly protect public health by enhancing small water systems' capacity and sustainability to protect source water. SE-TAC's goal is to build partnerships and collaborative relationships between the EPA, state primacy agencies, and technical assistance provider organizations to maximize the capabilities and expertise of each partner; encourage universities to actively apply their training, research, and outreach resources to these efforts; and support the development and transfer of new and/or enhanced technical and capacity development training to small public water systems in the Southeastern United States.

How does the SE-TAC work?

SE-TAC relies on the expertise of an advisory board to help accomplish its goals. Comprised of representatives from state drinking water primacy agencies, state rural water associations, and other technical assistance provider organizations, the SE-TAC advisory board is:

- 1) A **forum** to annually refine and translate EPA's national small public water system priorities into the SE-TAC's project priorities, and provide strategic guidance in developing the SE-TAC's regional Request for Proposals (RFP) and proposal grading criteria.
- 2) A **network** to help broadly distribute the SE-TAC's competitive RFP regionally; and
- 3) A **panel** of experts to grade the grant proposals based on their direct, day-to-day knowledge of the priority challenges facing the Southeast United States' small public water systems.

Representatives from Alabama, Louisiana, Mississippi, North Carolina and Texas participate on the SE-TAC advisory board because these states are representative of the region. The 15-member advisory board is comprised of 3 voting members from each state, with each state's seats allocated as follows:

- 1 state rural water association or equivalent organization,
- 1 representative from the state's Department of Health or similar state agency with primacy or significant jurisdiction over safe drinking water programs, and
- 1 technical assistance provider, including, but not limited to a Community Resource Group, Incorporated or state section of the American Water Works Association, or similar organization active in assisting small community water systems in that state.

Working closely with the advisory board, SE-TAC has funded 2 types of activities:

- 1) a regional grants competition, and
- 2) small, non-competitive demonstration projects at water institutes/centers in the 5 advisory board states.

Regional Competitive Grants Program

The regional competitive grants program is designed to address regional small public water system priority issues identified by SE-TAC's advisory board. Organizations represented on the advisory board may submit proposals in response to the RFP; however, they are not allowed to evaluate their own proposals.

SE-TAC Priority Areas

The advisory board is especially interested in projects with a high likelihood to significantly and directly meet small public water system needs. Applied pilot or demonstration projects with willing small public water systems and/or training or technology transfer programs were strongly encouraged in Cycles 3 and 4. Priority areas were outlined as follows:

1. **Source Water Protection Implementation**- Innovative approaches to implement state source water protection plans or methodologies for small public water systems are sought. Applicants are encouraged to consult their state primacy agency to determine priority source water threats (i.e., Non-Point Source Pollution including agricultural/industrial runoff, failing septic systems, animal feeding operations) and/or priority geographic areas for demonstration or outreach projects. Letters of support and/or a willingness to participate in demonstration or pilot projects from small public water systems are also important. **Projects must relate to implementation of State approved Source Water Protection Plans and must clearly outline a mechanism to transfer project results to other small public water systems facing similar Source Water Protection issues. Competitive proposals will document a clear, direct link to significant small public water systems' source water protection issues.**

2. **Small Public Water System Security** - Proposals for innovative demonstration/pilot, training and/or technology transfer projects that enhance small public water system security from purposeful contamination or jeopardy through acts of terror and/or vandalism are requested. These proposals should enhance and/or expand emerging national and state efforts in this area. **Applicants must provide a literature review of existing small public water system security tools and programs to show that their proposed project will not duplicate any existing program. Security training projects must identify the source of proposed training materials/tools.**

3. **Training/Technology Transfer**- Compliance with the SDWA's increased reporting and monitoring standards requires additional and timely training for small public water systems' board members and/or operators. Technology assistance or transfer projects are especially sought. Emphasis will be placed on proposals to develop or enhance training materials (e.g., videos, multimedia, audio visuals, manuals, workbooks, handouts) or the delivery of training to small public water systems. Novel technology transfer and training approaches to establish or enhance the ability of small public water system operators or boards to access and use relevant web-based and CD ROM technology are also encouraged.

4. **Capacity Development**- Proposals to enhance the technical, managerial, and financial capacity of small public water systems to directly and significantly assist them in complying with SDWA are encouraged. Potential areas of interest include but are not limited to alternative water supplies, system consolidation, long-range planning, demonstration projects in financial and managerial methods and/or practices, as well as applications of technology to improve small public water systems' managerial and financial viability and reporting.

3rd Cycle Project Funding

<u>Recipient</u>	<u>SE-TAC</u>	<u>Cost Share</u>	<u>Total</u>
Alabama Rural Water Association	\$ 50,000	\$ 22,420	\$ 72,420
Mississippi Rural Water Association	37,789	9,825	47,614
Mississippi Rural Water Association	13,161	26,687	39,848
Tennessee Assn. of Utility Districts	43,540	32,233	75,773
Tennessee Assn. of Utility Districts	39,407	42,976	82,383
Texas Rural Water Association	46,103	28,251	74,354
TOTAL	\$ 230,000	\$ 162,392	\$ 392,392

4th Cycle Project Funding

Alabama Rural Water Association	\$ 50,000	\$ 18,920	\$ 68,920
Florida Rural Water Association	50,000	80,000	130,000
Mississippi Rural Water Association	14,693	66,194	80,887
MSU Extension Service	48,875	0	48,875
MSU Extension Service	25,230	0	25,230
Tennessee Assn. of Utility Districts	45,608	48,464	94,072
University of North Carolina	46,075	11,440	57,515
Total	\$ 280,481	\$ 225,018	\$ 505,499

The first three funding cycles supported both competitive and non-competitive projects. Non-competitive projects were funded in these early years to support applied research projects that identified and addressed priority needs in each advisory board member state, under the leadership of the state's Water Resources Research Institute. With the fourth cycle, all SE-TAC projects underwent a competitive selection process. To help each project achieve its goals, SE-TAC provides as much administrative flexibility as possible. One important element of any project is how long the project will take. The duration of SE-TAC projects does not follow a standardized time period, and some projects have been extended or modified with additional support in a subsequent funding period. This past year saw significant project activity, as projects funded in Cycles 2 and 3 were in full operation, and Cycle 4 projects were selected. As contract negotiations for Cycle 4 projects are finalized, these projects will start up in 2004.

Continuing 2nd Cycle Projects

GeoResources Institute
Mississippi State University
Integrating Technologies for Mobile Computing, Field Mapping, GPS, and GIS for Rural Septic Systems (STARSS)

Spatial Technologies Assessing Rural Septic Systems (STARSS) is a pilot project coordinated with the Mississippi Departments of Health and Environmental Quality directed at developing a GIS/GPS field application for septic system mapping, inspection, and fault reporting. Mobile computing, field mapping, remote sensing and GIS technologies are being applied to study septic issues, problems, and solutions at a range of scales, from a particular development, a community, or a watershed. Major tasks have been directed at developing the IT architecture and a functional application using OpenSource technologies, GIS, and mobile computing to address septic system field problems and workflows.

GeoResources Institute
Mississippi State University
Enhancing Health Protection and Water Supply Through Partnerships

Enhancing Health Protection and Water Supply Through Partnerships is a pilot effort to use geospatial technologies to integrate source water protection into a broad-based water quality protection effort. Specifically, an emerging watershed advisory group is examining ways to address fecal coliform as a threat to water quality and surface and groundwater drinking water supplies in Mississippi's Upper Pearl River Valley. Geospatial technologies will be used to merge various water quality monitoring databases and prioritize areas within the watershed to implement best management practices (BMPs).

In cooperation with EPA and with the support of the advisory board, starting with the 3rd Cycle, SE-TAC identified and emphasized specific priority project areas as shown below:

Continuing 3rd Cycle Projects

SE-TAC Priority Area: Capacity Development

Alabama Rural Water Association Capacity Development Assurance Through Engineering Assistance

The Alabama Rural Water Association has obtained the assistance of a registered professional engineer with more than 30 years of drinking water related experience. By working with state water organizations and state and federal agencies, he identifies small water systems that are experiencing water system operational problems, having system expansion concerns, and need assistance with drinking water treatment processes. Credibility of water system operation and service has declined for many small systems due to questionable water quality, low water pressure, or lack of water. These problems may be related to lack of adequate treatment, poor distribution system operation, improperly sized mains, uncontrolled customer additions, or even bacteriological growth in water lines. Many operators lack understanding of these problems and do not have a solution. With proper engineering assistance, many of these problems are being solved.

Start/End Dates: 05/01/03 – 6/30/04

Mississippi Rural Water Association Hands-On Capacity Development Computer Training

The Safe Drinking Water Act requires that new public water supply systems or systems applying for state revolving loan funds be able to demonstrate certain capabilities. These water systems must have the technical, managerial, and financial capability to meet present and foreseeable state and federal regulations, provide adequate water service, and operate as financially viable entities. Mississippi Rural Water Association is conducting statewide hands-on computer training in the area of capacity development. Public water systems in the state are rated with system award points during their annual sanitary survey conducted by the Mississippi Department of Health's Division of Water Supply's regional engineers. Systems are rated in the following areas: Technical Capacity, Management Capacity, and Financial Capacity.

Start/End Dates: 06/01/03 – 05/31/04

SE-TAC Priority Area: Training & Technology Transfer

Mississippi Rural Water Association Train the Trainer: Certification Training for Instructors

By state law, all public water systems in the state are required to have a certified waterworks operator. Every three years the operator is required to obtain continuing education credits in order to renew their license. Also, by state law, each board member elected or re-elected after June 30, 1998, to serve on a governing board of any community public water system, except systems operated by municipalities with a population greater than two thousand five hundred (2,500), shall attend an eight (8) hour management

training session. Surrounding states have similar laws. Mississippi Rural Water Association is one of the agencies that conducts the water operator re-certification and board member training. With this project, Mississippi Rural Water Association, along with the state associations from Alabama, Arkansas, Louisiana, and Tennessee, responded to a need to enhance the training skills of instructors in the 5-state region through the Train the Trainer program developed by the National Environmental Training Association (NETA). The training program not only enhanced the skills of the instructors but also gave them the credentials they need to conduct excellent and professional training sessions. Start/End Dates: 05/01/03 – 9/30/03 (**COMPLETED**)

Tennessee Association of Utility Districts Performance-based Operations Training for Water Treatment Plant Operators

Tennessee Association of Utility Districts will target water treatment plant operators at systems serving a population of 10,000 or less. The project is to develop procedures and materials for training water treatment plant operators to perform critical tasks for operating water treatment plants. These training materials will be used to conduct six (6) training sessions covering essential skills and tasks required for operating a treatment plant in compliance with state primacy agency rules. Each session will be limited to 12-15 learners in order to maximize participation in performing tasks being learned. Training materials, procedures, and CDs with PowerPoint presentations will be submitted to SE-TAC.

Start/End Dates: 7/01/03 – 6/30/04

Tennessee Association of Utility Districts Optimizing Filter Performance

The Tennessee Association of Utility Districts will target surface water treatment plant operators at systems serving a population of 10,000 or less. The project is to develop procedures and materials for training water treatment plant operators in two areas: filter performance evaluation techniques and how to correct problems discovered. Eight (8) two-day training sessions in filter performance optimization will be conducted at small water systems. The hosting system will enjoy the added benefit of the filter evaluation demonstration being conducted at their facility. Each session will be limited to 12-15 learners in order to maximize participation in performing tasks being learned. Training materials, procedures, and CDs with PowerPoint presentations will be submitted to SE-TAC.

Start/End Dates: 7/01/03 – 6/30/04

SE-TAC Priority Area: Small System Security

Texas Rural Water Association Security Training for Small Public Water Systems in Texas

Texas Rural Water Association will present a series of one-day security training sessions for small public water systems across Texas. The sessions are being developed in cooperation with the state primacy agency, the Texas Commission on Environmental Quality (TCEQ), and will compliment the current and ongoing water utility security work for that agency. Vulnerability assessment and emergency response plan models and templates that have been developed by the National Rural Water Association and the National Association of State Drinking Water Administrators will be adapted for Texas. As a result of attending these sessions, small water utilities will be trained to prepare, and submit where

required, vulnerability assessments and emergency response plans that have been tailored for their utility. Sessions will be held at no less than 14 locations across Texas. In addition, TRWA will prepare a Security Manual to provide further information and guidance on preparing and implementing these assessments and plans. The manual and training sessions will emphasize those requirements already in place from TCEQ.
Start/End Dates: 05/01/03 – 3/31/04

Non-Competitive Project

One noncompetitive grant was awarded in Cycle 3. SE-TAC funds supported an effort to bring together university researchers and decision makers in EPA Region IV states to investigate water resources and environmental issues.

University of Mississippi

EPA Region IV Water Supply and Source Water Protection Workshop and Organization Building for Southeast Water Resources Technology and Environmental Policy

The *Southeast Water Resources Technology and Environmental Policy Consortium* was organized to assist EPA Region IV in identifying water resources and environmental issues, and coordinate university researchers and research institutes to conduct research that consolidates and supports EPA's regulatory and remediation needs. Due to federal and state agency travel budget constraints, a regional stakeholder meeting was not feasible. The project was modified to allow the investigators to interact with federal and state agency personnel throughout the region, and attend other regional conferences, workshops, and symposia to gain a broad regional perspective on the priority groundwater and source water protection issues. The investigators are compiling a brief whitepaper identifying those issues and outlining possible solutions. The document will be released in the early spring of 2004.

Continuing 4th Cycle Projects

SE-TAC Priority Area: Capacity Development

Alabama Rural Water Association

Capacity Development Assurance Through Engineering Assistance-Phase II

This project enhances the Alabama Rural Water Association's 3rd Cycle SE-TAC project to provide engineering assistance to small water systems experiencing technical problems, and allows the association to move into Phase II of the project. Credibility of water system operation and service has declined for many small systems due to questionable water quality, low water pressure, or lack of water. Many operators lack a complete understanding of these problems. Phase I began with an engineer working with state water organizations and state and federal agencies to identify small water systems experiencing water system operational problems, having system expansion concerns, and needing assistance with drinking water treatment processes. Work with many of these systems has already begun. Phase II allows additional systems to receive assistance. It also provides follow up as

needed, and the opportunity to present options and explain the expected outcome of recommendations to water boards.
Start/End Dates: Pending

Florida Rural Water Association

Public Water System Engineering Services

This project is a continuation of the Florida Rural Water Association's innovative project to partner with the Florida Department of Environmental Protection to provide engineering assistance to small water systems, which was originally supported in the first two cycles of SE-TAC funding. For over three years, the FRWA and the state primacy agency have expanded their efforts and partnership to make a Professional Engineering program available to smaller systems. The program is funded through set-asides of the Drinking Water State Revolving Fund. This program has benefited many water systems through various program efforts, such as permitting assistance, preliminary design and estimating for drinking water project financing, assistance with EPA needs survey requests, securing both interim and permanent project financing, as well as other system specific engineering requests. This phase of the project expands the effort by developing another partnership to introduce a cooperative student program with Florida A&M and Florida State University Colleges of Engineering. The cooperative student position will assist the professional engineer with engineering related tasks that do not require a PE directly, and can be accomplished with PE supervision. Building this relationship could also lead to graduate student research.
Start/End Dates: Pending

SE-TAC Priority Area: Training & Technology Transfer

Mississippi Rural Water Association

Development of a Capacity Development Handbook and Training for Small Water Systems

With this project, Mississippi Rural Water Association will develop a Capacity Development Handbook and conduct five training sessions in the three broad areas of capacity development, as outlined in the Mississippi Safe Drinking Water Act: technical; managerial; and financial. The handbook will include models for policies and procedures, long range planning, rate setting, an emergency response plan, cross connection plan, by-laws, a water user agreement, employee job descriptions, and a security plan. These models will serve as guidelines for water systems to develop their system's policies. The target audience for the training is the managers, operators, and office personnel of all rural community water systems and municipal community water systems serving populations of 10,000 or less.
Start/End Dates: Pending

Mississippi State University Extension Service

Improving Customer Service Skills of Public Water System Officials

This project will develop a customer service video, "Managing Difficult Customers," to be used as a training tool to enhance the Public Water System Board Management Training Program developed by MSU-ES. Currently, customer service is one of the lowest rated subject areas covered in the curriculum by participants of the program. The video will also be distributed to water systems upon request to use as a training tool within their own

system. The video will be specifically designed for small water systems. At the present time, there is no training tool available that focuses on small systems. The video will incorporate tips, strategies, and techniques for dealing with difficult customers by featuring real-life customer conflict scenarios. Board members, managers, operators, bookkeepers and other water system officials will benefit from the video.

Start/End Dates: Pending

Mississippi State University Extension Service Improving Financial and Managerial Capacity of Small Public Water Systems

While there is a belief that the only factor critical to providing safe drinking water to the public is a strong technical capacity, high managerial and financial capacities have proven at least as important in the medium and long runs. This project will provide tools to help rural water systems develop a stronger managerial and financial capacity through the development of two products to be distributed to small public water systems and/or technical assistance providers: financial and managerial indicator study and consolidation issues study.

Start/End Dates: Pending

Tennessee Association of Utility Districts Utility District Commissioner Voluntary Certification Program Curriculum Handbook

The Tennessee Association of Utility Districts will develop the training materials, visual aids, and a commissioner's handbook to be used in a voluntary certification program for utility district commissioners. These materials will be developed with input from the Utility Management Review Board (a board that has financial oversight responsibilities for utility districts) and four committees of utility district managers. The training will be conducted at the association's annual meeting in June 2005, and presented in each recurring annual meeting, as well as two annual training conferences.

Start/End Dates: Pending

The University of North Carolina at Chapel Hill Environmental Finance Center Financial Management Training and Support for Water Utility Governing Boards

Recent developments across the country have reinforced the importance of financial management in assuring the ability of utilities, especially small ones, to provide high quality and safe drinking water to their customers. Assessing and strengthening financial capacity is now a formal federal and state regulatory requirement as part of the capacity development program. Assuring that utilities implement sustainable financial management is a shared responsibility between utility staff, those that provide them with technical assistance (consultants, professional associations, etc.); and most importantly individuals on utility governing boards. The individuals on these governing boards often have very little financial management experience, yet regularly make incredibly important decisions. This project will bring together a range of organizations that provide assistance or oversight to utilities; develop a consensus on the priority financial issues facing governing boards; and develop a series of workshops and publications to address key issues.

Start/End Dates: Pending

Competitive Projects Completed This Year

Alabama Rural Water Association - Management Training. Working with the Auburn University Center for Governmental Services, the association developed strategic management training materials and conducted four on-site training sessions attended by 117 small public water system managers and board members. Course approved by the state primacy agency for 5 continuing education hours at each location.

Florida Rural Water Association - Public Water/Wastewater System Engineering Services. A modification and extension of 1st cycle project, in which the association partnered with the Florida Department of Environmental Protection to hire a professional engineer (PE) to provide on-site technical support to Florida's small public water and wastewater systems. The project was continued with additional funding in the 2nd cycle. This project gave systems and local communities direct assistance to identify compliance problems and alternate solutions, as well as to define their infrastructure needs and various mechanisms to meet them.

Florida Rural Water Association - Ground Penetrating Radar (GPR) Equipment Grant. The GPR has been used extensively to assist small public water systems throughout Florida in locating utility, raw water lines and distribution lines, valves, and other items to facilitate regular maintenance and to avoid damage during new construction.

Mississippi Rural Water Association - Utilizing GPS Equipment for Leak Detection Purposes Equipment Grant. A modification and extension of 1st cycle project, "Computers for Training," which allowed the association to purchase computers to train water/wastewater and groundwater technicians on reporting requirements for compliance with the SDWA. The leak detection equipment secured through 2nd Cycle funding was used almost weekly by circuit riders on small systems throughout Mississippi.

Mississippi Water & Pollution Control Operators' Association - Waterworks Operator Continuing Education Training Program Equipment Grant. Purchased equipment (laptop computers/video projectors) to conduct field training. Project training completed; equipment is continuing to help bring training to field locations.

Tennessee Association of Utility Districts - Performance-based Training for Water Treatment Plant Operators. In consultation with experienced water treatment professionals throughout the state, the association identified critical water treatment processes and skills, and developed a performance-based water treatment training manual to assist trainers in preparing to teach classes, help operators understand basic skills needed for efficient operations, and aid managers and utility decision makers in understanding the complexities of water treatment operations. A range of treatment processes and skills were covered, including: Raw Water Pumpage Reporting, Coagulation/Flocculation, Sedimentation, Filtration, Disinfection, Corrosion Control, Taste and Odor, Aeration, Iron and Manganese Control, and Fluoridation.

Texas Rural Water Association - A modification and extension of 1st cycle project, “Technical Training for Small Drinking Water System Operators: Making Hands— On Instruction Available at the Local Level,” which supported a mobile classroom housing demonstration equipment in three custom-built trailers. The project received additional funding in the 2nd cycle, allowing the association to continue to develop and implement a variety of technical training activities by transporting the classroom to local small system personnel for training seminars. More than 488 operators received hands-on training in Utility Safety and Confined Space Entry. In addition, SE-TAC funding supported other courses such as Surface Water Production, Chlorinator Maintenance, Water Laboratory, and Valve and Hydrant, providing training to nearly 600 additional operators. Not only do these courses meet all state operator certification requirements, they allow students to return to their water system with current and readily applicable knowledge and skills that can be used to improve the operation of their systems and promote compliance with SDWA requirements.

North Carolina Rural Water Association - Train and Assist Transient Non-community Systems in Monitoring Requirements/ Procedures. Project not implemented due to personnel shortage.

Non-Competitive Projects Completed This Year

Auburn University’s Environmental Institute

GIS Development for Managing Rural Water Systems. Pilot project with the Beaugard Water Authority to develop a desktop geospatial application to map the system’s utilities (wellheads, storage tanks, valves, hydrants, and pipelines) and identify potential source water threats. The project created a GIS for the Beaugard distribution system, which provides over 2,700 installations covering 131 square miles. The GIS was created so that it would be available on a desktop computer platform and on a personal digital assistant (PDA) platform. Water system personnel were trained to utilize the digital map and field equipment to maintain an up-to-date inventory of the system.

Louisiana State University’s Water Resources Research Institute

Technical Assistance for Louisiana Rural Watershed Issues. A modification and extension of 1st cycle project, which established an internet-based information infrastructure to enhance the dissemination and exchange of technical information about the Safe Drinking Water Act, technology available to achieve the Act’s goals, and the technical and financial assistance opportunities for small drinking water systems. Funding during the 2nd cycle has allowed the Louisiana Water Resources Research Institute to enhance its computer-based information transfer infrastructure for small public water systems.

North Carolina State University’s Water Resources Research Institute This project developed, printed and distributed a “Safe Drinking Water Guide for Owners of Non-transient, Non-community (NTNC) Public Water Systems Using Groundwater in North

Carolina.” The technical literature will assist child day care centers, adult day care centers, schools, factories and businesses in North Carolina in complying with the Safe Drinking Water Act Requirements. The publication discusses the start-up responsibilities of the owner of a NTNC public water system, regulations governing siting and the construction of wells and their operation, monitoring responsibilities, anticipated system requirements, and keys to operating a safe drinking water system.

Texas A & M University’s Water Resources Institute

Small Public Water Systems Training on Preventing Bacterial and Pesticide Contamination and Source Water Protection. More than 175 participants attended training sessions on bacterial contaminants that affect rural water systems. In particular, challenges that contaminants such as fecal coliform, *E. coli*, *Cryptosporidium*, and *giardia* pose for water treatment and strategies small systems might consider to deal with related water quality threats were discussed. Presentations on source water assessment and protection for public water supply systems and pesticide contamination and impacts to small water systems were also included. Several one-day training workshops were conducted throughout Texas, with live broadcasting over the Internet. Several fact sheets related to these programs were developed.



Previously Completed Projects

Alabama Rural Water Association: *Energy Efficiency in Water Utilities*

North Carolina Rural Economic Development Center: *Planning for Regional Water Source Alternatives: Central Coastal Plain Capacity Use Area*

Southeast Rural Community Assistance Project, Inc.: *Board Member Training for Small Water Systems*

Western Piedmont Community College: *Development of a D-well Correspondence/Internet Course*

Alabama Water Resources Research Institute: *Energy Efficiency in Rural Water Systems*

North Carolina Water Resources Research Institute: *Developing Technical Literature to Assist Rural Churches in Complying with Sampling Requirements of the Safe Drinking Water Act*

Texas Water Resources Institute: *Educating Texas Rural Water System Managers About Cross -Connection Issues*

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Florida Department of Environmental
Protection
Mississippi Department of Health
Hwy 30 West Water Association, Mississippi
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For more information on SE-TAC and other technical assistance center programs, visit the EPA Technical Assistance Center Network (TACNet) website at <http://water.montana.edu/tacnet>.



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