

A scenic photograph of a forest stream. The water flows over large, moss-covered rocks in the foreground, creating a soft, blurred effect. In the background, a waterfall cascades down a rocky ledge, surrounded by dense green trees and foliage. The overall atmosphere is peaceful and natural.

Arkansas Rural Water Association

WATERINSIGHT

SUMMER 2014

FROM YOUR EXECUTIVE DIRECTOR DENNIS STERNBERG



I would like to thank everyone who participated in the Arkansas Rural Water Association 37th Annual Technical Conference in Hot Springs, Arkansas September 14-17, 2014. This year's conference featured six different concurrent sessions with something for everyone depending on your position with your utility. The exhibit hall was full with 85 booths with exhibitors displaying their latest products in the water and wastewater industry. Hopefully everyone had a chance to stop by the booths and visit with each of the exhibitors to discuss their products and how their products or services can assist you in your time of need.

ARWA had a total attendance at this year's conference of 882 water and wastewater industry personnel. I would like to give a special thank you to all the exhibitors who used 85 booths displaying their products at this year's ARWA conference. Also, a special thank you to those exhibitors who donated those great gifts to the Arkansas Rural Water State Water PAC and to everyone who purchased tickets to win those prizes. This year's Arkansas Rural Water raffle was a huge success thanks to everyone who participated.

A special thank you also goes to National Rural Water who provided a shotgun for the ARWA Federal Water PAC raffle. Also a muzzleloader was donated by myself with monies going to the Federal Water PAC. Also, a thank you to everyone who purchased tickets to win that shotgun and muzzleloader which made this year's event a great success.

I would like to thank all the systems that competed in this year's Arkansas Great Water Taste Test at this year's conference. A thank you to this year's Water Taste Test judges, Anita Earnest, Mark Matheson and Kelly Matheson all with Oklahoma Rural Water Association.

Congratulations to the 2014 winner for the Best Tasting Water in Arkansas, which goes to The City of Bono, Arkansas. The City of Bono, Arkansas will go on to compete in Washington D.C. at the Great American Water Taste Test at the National Rural Association Water Rally February 10-11, 2015.

This year's Annual Golf Tournament was held on Sunday September 14, 2014 at Diamondhead Golf Course in Hot Springs Village. I want to thank all the sponsors and all the players who showed up to play. The group appeared to have a great day of golf on a very beautiful golf course.

Again, a special thank you to everyone that attended ARWA's 37th Annual Technical Conference this year, because of your support it was a huge success, and to the ARWA staff for working to put on another great conference Thank You.

So mark your calendars for next year's ARWA's 38th Annual Technical Conference September 13-16, 2015 to be held at the Hot Springs Convention Center in Hot Springs, Arkansas.

Thanks for all your support in the past and for your continued support in the future, and if you have any questions please feel free to contact ARWA at 501-676-2255.



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Cover Photo Cornelius Falls in Heber Springs

ARWA Mission Statement

*To provide Arkansas' Rural Water Utilities the highest level of
Training and Technical Services in order to obtain
Quality Water at the lowest possible cost.*

Arkansas Rural Water Association is a non-profit organization of rural and small publicly owned water and wastewater systems. Our goal is to enhance the lives of Arkansans. Our efforts to achieve this goal are focused on providing training and technical assistance to the managers and operators of all eligible systems serving populations not greater than 10,000. We work with other non-profit organizations in representing the interest of public water and wastewater systems at both the local and national levels.

- ARWA is affiliated with the National Rural Water Association •

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P.O. Box 860, Lonoke, AR 72086
Phone (501) 676-2255 Fax (501) 676-2266

E-Mail: arkrwa@sbcglobal.net

Web page: arkansasruralwater.org

Water Facts and Myths

Many tidbits of the following information are common knowledge. Some aren't so common, but seemed interesting. Water is one of the best known solvents. Water is an agent in erosion of the land.

Water covers about 70 percent of the earth's surface in the oceans, lakes, rivers, and glaciers. Ninety-seven percent of the water on the planet is in the form of salt water. Only three percent is fresh, and two-thirds of that is ice. What this says is that only about one percent of the water on the face of the earth is water we as humans can consume. This is a point to consider. What happens to the human race if we contaminate this one percent of the water?

Water is essential to the manufacture of starch by plants. Many foods, such as milk and fruit, have high water content. At room temperature, water is an odorless, tasteless, and transparent liquid. Some people may argue that water has a taste, but does it?

Heavy water is water that contains heavy hydrogen or deuterium. Deuterium differs from the hydrogen usually found in water, protium, in that each atom of deuterium contains a proton and a neutron. Heavy water may be deuterium oxide, D₂O or it may be deuterium protium oxide, DHO. Heavy water occurs naturally, although it is much less common than regular water. Approximately one water molecule per twenty million water molecules is heavy water. Heavy water (deuterium oxide) was discovered by Harold C. Urey. It is used in nuclear weapons, nuclear reactors, but also has medical uses.

Completely pure water is a poor conductor of electricity. Water can't easily be compressed. The water molecule is not linear but bent in a special way. As a result, part of the molecule is negatively charged and part positively charged. Scientists believe that the structure of liquid water consists of aggregates of water molecules that form and re-form continually.

The United States uses three times the amount of water per day that is used in the average European country, and many, many times more water than most developing nations. The United States withdraws 339 billion gallons of ground and surface water a day.

Water is colorless in small amounts, but exhibits a



By David Quattlebaum,
Source Water Tech

Mystery, Art, and Science

bluish tinge in large quantities. Water constitutes the greater part of the fundamental substance (protoplasm) of which animal and plant bodies are made. Sap of plants and blood of animals contain large quantities of water. The physical and chemical properties of water are extraordinarily complicated and incompletely understood. Water's composition by weight is one part of hydrogen to eight of oxygen (or 11.1 percent of hydrogen and about 88.9 percent of oxygen). By convention, one cubic centimeter of water at 4°C (its temperature at maximum density) weighs one gram.

Water power is of major economic importance.

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In 1513, while searching for the fountain of youth, the Spanish conquistador Ponce de León discovered Florida. Written in the Koran are the words "We have created every living thing from water." The ancient Egyptian Heliopolitan creation story recounts that the sun-god Atum rested in the primordial ocean (Nun). From Assyro-Babylonian mythology, first the gods and subsequently all beings arose from the fusion of salt water (Tiamat) and sweet water (Apsu). According to Greek Mythology, Aphrodite, the ancient Greek goddess of love, was born of the sea. The holy books of the Hindus explain that all the inhabitants of the earth emerged from the primordial sea.

At the beginning of the Judeo-Christian story of creation, the spirit of God is described as "stirring above the waters," and a few lines later, God creates "a firmament in the midst of the waters to divide the waters" (Genesis 1:1-6). In ancient Greece, the souls of the dead were ferried across the dark waters of the River Styx.

In Christianity, baptism links the concepts of the water of life with the waters of purification. From the Bible, the Garden of Eden is watered by a river that divided into four rivers. The names of these four rivers are Pison, Gihon, Hiddekel, and Euphrates. Only the Euphrates River, by name, still exists. Many scholars have indicated in their beliefs that the River Hiddekel is known as the Tigris River today. An oddity about this story, if this interpretation is correct, these rivers all started at one point and split into the four downstream.

In Judean-Christian culture, God is called "the fountain of living waters" (Jeremiah 2:13). In the cosmogony of Mesopotamian peoples, the abyss of water was regarded as a symbol of the unfathomable, impersonal wisdom.

In China, the water of the fountain at Pon Lai was believed to confer a "thousand lives on those who drink it," according to Wang Chia, writing in the Chin Dynasty (265-420 BC). Also, water is considered the

specific abode of the dragon, because all life comes from the waters. In India, the sacred River Ganges embodies for Hindus the water of life. In Japan, water prefigures the purity and pliant simplicity of life.

The lotus-stream of the Buddha or Bodhisattva rises up from the waters of the soul, in the same way the spirit, illumined by knowledge, frees itself from passive existence.

The Babylonian moon goddess, Ishtar, was associated with sacred springs, and her temples were often situated in natural grottoes from which springs emanated.

After defeating the Romans in 218 BC, Hannibal and his armies stopped to drink the waters at Perrier in the south of France. The Romans later defeated Hannibal in 202 BC. The Roman philosopher Seneca declared that "Where a spring rises or water flows there we should build altars and offer sacrifices."

If a person was to drink from the waters of the Lethe, a river in Hades, it would cause forgetfulness. It was on the banks of another Underworld river called the Styx that the shades, or ghostly remains, of the dead congregated to seek passage to the afterlife. Unless they bribed Charon (also known as Kharon), the ferryman of Hades, to ferry them across the stream, they wandered aimlessly on the near bank forever. But those who made it across the Styx did not have much more to anticipate. Once they had drunk from the waters of Lethe, they were left with nothing to reminisce about for eternity.

As a liquid, water is wet. When cooled to its freezing temperature water changes to a colorless, crystalline solid (ice). Unlike other liquids, water expands during the freezing process. Water is less dense as ice than as a liquid. Ice will float in water. When water is heated to its boiling point, it vaporizes to steam. At ordinary temperatures, water undergoes evaporation. Most of this is knowledge we learn as a child.

Water present in the earth is called ground water with its upper level is called the water table. The Oceans, rivers, lakes and streams is referred to as surface water. Water falls from the sky as rain and discharges from the ground in springs.



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Wastewater Licensing

By Jim Barkie, ARWA Trainer/Technician

Many people are confused by the licensing process as required by the Arkansas Department of Environmental Quality. Arkansas Regulation No. 3 defines the process and requirements from beginning to end for each class of license, but a lot of operators and most new employees have uncertainties.

"Who needs a license?" Anyone whose regular job duties may directly affect the process operation of the wastewater treatment plant must obtain a license. That license must be at least equivalent to the treatment plant's classification. While some systems only have a collection system and maybe a lift station or two, I feel the operators should still obtain at least a Class I license. It will help you better understand how what you do or don't do can affect the receiving treatment plant.

"When should I obtain a higher class of license?" If your plant classification is changed you will be required to follow suit. But you can get a higher level license than what is required for your plant. For example, if your plant is classified as requiring an operator with a Class II license, you can still get a Class III license as long as you fulfill the requirements for that license. For a Class III license you would have



to currently hold a Class II license, complete 120 hours of approved training, have three years experience in wastewater treatment or related field, providing at least one year was in wastewater treatment plant operation, satisfactorily carried out the duties of a Class II operator and pass the Class III examination with a minimum score of 70%. ADEQ may choose to waive some of the requirements for experience, but you must contact them directly. They

have the final ruling for wastewater licensing in the state of Arkansas.

"Where do I start?" The best source for training and information is Arkansas Rural Water Association. We strive to provide operators with quality training and classes throughout their career. The 2014 training schedule is available online at arkansasruralwater.org and can be downloaded and printed for future reference. A curriculum for the wastewater license you are interested in can be obtained from ADEQ. Make sure you have the required books for that class of license and start reading them, a little effort on your part can go a long way. We look forward to providing you with the training you need no matter what license, so pick out a class and come see us.

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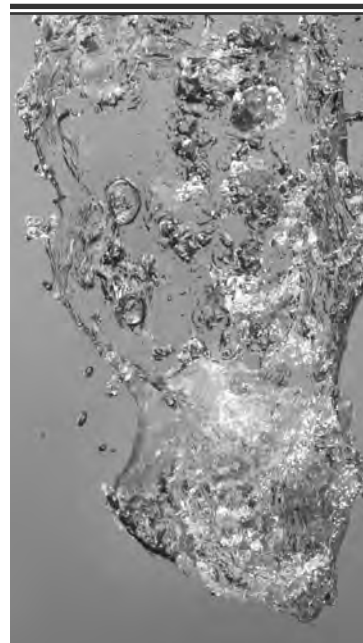
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Fulton County Water Authority
City of Fulton Water & Sewer Department
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Grange Calamine Water Association
Grand Prairie Region Water Distribution District
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Locke-Fern & Dollard Road Waterworks
City of London
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Mayfield Water Association, Inc.
McKinnon Contractors, Inc.
McNeil Water Association, Inc.
Milltown Washburn Public Water Authority
Mountain Top Public Water Authority
Mt. Holly Water Association, Inc.
Mt. Olive Water Association
City of Mountain View Water and Waste Water Dept.
Nail Swain Water Association
North Garland County Regional Water
North Howard Rural Water Association

North Pike County Rural Water
North White County Rural Water Public Facilities Board
Northeast Yell County Water
Oak Manor Water and Waste Water/Ozark Water & Sewer
Ozone Water Association, Inc.
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Parkers Chapel Water Association
Parkin Rural Public Water Authority
Paron Owensville Water Authority
City of Piggstown
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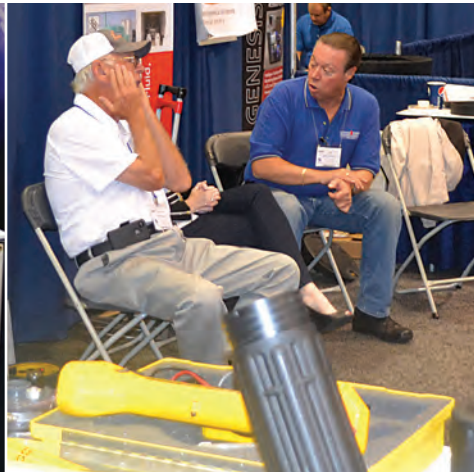
Arkansas Rural Water 2014 Conference





Arkansas Rural Water 2014 Conference





Arkansas Rural Water 2014 Conference



Best-Tasting Water in Arkansas – City of Bono

Officials at the Arkansas Rural Water Association (ARWA) have found the best-tasting water in Arkansas. On September 16, 2014, the winner of a state-wide competition was announced in an effort to identify the tastiest rural water in the state and, participants hope, in the nation.

Small and rural water utilities from around the state submitted samples of their water, straight from the tap. The winner of the event was the **City of Bono, Arkansas**, whose water sample was chosen by judges as the most appealing. "It tasted clean, pure and refreshing," stated the judges.

"Because of the quality of this water, Arkansas has a good chance at the national taste test in Washington, D.C." added Arkansas Rural Water Association CEO, Dennis Sternberg.

The competition is part of a Quality On Tap! Campaign to emphasize the high quality, stan-



dards and, consequently, taste of rural water. Winners of the state taste test will compete in a national contest at Capitol Hill in Washington, D.C. on February 10-11, 2015. This event is part of the Rural Water Rally, an annual legislative event for the 49 state affiliates of National Rural Water Association.



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Congratulations Ernie Faucett Scholarship Winners for 2014



The Scholarship Committee was proud to announce the Ernie Faucett Scholarship winners at our 2014 ARWA Conference in Hot Springs. Scholarships are awarded to students who are dependent children or step children of employees of ARWA member water utilities. The funds available to provide these scholarships are earned through donations and your support of our Ernie Faucett Scholarship fund raising events throughout the year. Thanks to our supporters and golf tournament participants, we were

privileged to be able to give twenty two scholarships again this year. Twenty of these were for \$500.00 and two were awarded in the amount of \$1000.00 each. The thousand dollar scholarships were sponsored by H D Supply and Crews & Associates. You, our members, continue to be there when we need you and continue to support us. This is our way of giving something back to you and your families and saying "Thank you" for your enduring support.

These applicants were chosen at random from over thirty entries we received from our member systems. The winners are as follows:

Winner	System	Attending
Thomas Bollier	Guy Water Association	Arkansas Tech University (\$500)
James Boston II	City of Decatur	Crowder College (\$1000)
Haley Bowman	Beaver Water District	U of A Fayetteville (\$500)
Sydney Daniell	Clark Co. River Valley	Ouachita Baptist University (\$500)
Kasey Draper	Sardis Water	U of A Little Rock (\$500)
Justin Elliot	Marshall Water & Sewer	Arkansas Tech University
William Klein	Carroll-Boone Water Dist.	NW Ark Community College (\$500)
Rebekah Lee	Wesson-Newel Water	LSU-Veterinary Medicine (\$1000)
Tracy Liles	Redfield Waste Water	Southeast Ark College (\$500)
Madison McCord	Fulton Co. Water Auth.	Arkansas State University (\$500)
Lindsey Pipkin	Kimzey Reg. Water Dist.	Ouachita Baptist University(\$500)
Kelsey Richey	Strawberry Water System	Ark State University-Newport (\$500)
Makaleigh Riddle	Harrisburg Water & Gas	Arkansas State University (\$500)
Alexander Scheffler	Piggott Water	Arkansas State University (\$500)
Jessica Scheffler	Piggott Water	Three Rivers Community College (\$500)
Blake Shaw	Community Water System	University of Central Arkansas (\$500)
Jeffrey Steward	Newport Waste Water	Arkansas State University (\$500)
Jeni Veazey	Watson Chapel Water	U of A – Monticello (\$500)
Kaleb Wallace	Lavaca Water	Carl Albert State College (\$500)
Benjamin Wilburn	Krooked Creek Water	U of A – Fayetteville (\$500)
Audrey Williamson	Brookland Utilities	UAMS – Pharmacy (\$500)
Courtney Zollicoffer	Ozark Water Dept.	Arkansas Tech University (\$500)

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ARWA TRAINING AND EVENTS 2014

ARWA WATER TRAINING SCHEDULE FOR 2014 AND JANUARY 2015

November 18-20, 2014	Advanced Water Treatment	Lonoke
December 3-4, 2014	Water Exam Review	Lonoke
December 9, 2014	Basic Water Math	Lonoke
December 10, 2014	ADH Compliance Course	Lonoke
December 11, 2014	Applied Water Math	Lonoke
December 10-11, 2014	Water Specialized Training	Mtn. Home
December 10-11, 2014	Water Exam Review	Bono
December 16-18, 2014	Advanced Distribution	Lonoke
January 6, 2015	Basic Water Math	Lonoke
January 7, 2015	ADH Compliance	Lonoke
January 14-15, 2015	Water License Renewal Training	DeGray State Park
January 20-22, 2015	Basic Distribution	Lonoke

ARWA WASTEWATER CLASS SCHEDULE FOR 2014 AND JANUARY 2015

November 17-21, 2014	Class III Wastewater	Lonoke
December 9-10, 2014	Wastewater Specialized Training	Mtn. Home
January 13-14, 2015	Wastewater License Renewal Training	DeGray State Park
January 27-29, 2015	Class I Wastewater	Lonoke

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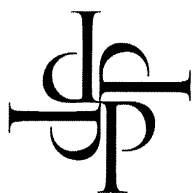
By Bruce Anderson, ARWA Wastewater Specialist & Energy Tech

I am Bruce Anderson and I have been retired from Arkansas Rural Water Association approximately three years. I was a Wastewater Trainer/Tech for 17 years. I have had the privilege of knowing a lot of you as I traveled around the state. Mr. Dennis Sternberg, Executive Director of ARWA has given me another opportunity to be productive in life and not sit on the porch and wait for the grass to grow. I will be working on two new programs; one is Effective Utility Management (EPA) and the second is Energy Efficiency (USDA). I will be traveling around the state meeting with you at the systems. We will discuss long range planning and saving energy to keep our utility cost down and help save our environment. The cus-



tomers will be happy if rates do not increase too much and all of us will be happy with a clean and beautiful place to live. I believe that WE can accomplish these goals by working together. The old additive of sometimes we have to spend money to save money is correct. We will be giving three classes on Effective Utility Management. It will be nice seeing my old friends again and making new ones. I hope as you travel through life that each step brings you success and enjoyment. The road that we travel is sometimes rocky but by working together maybe WE can make it smoother for future generations. For further assistance please call (501) 266-9840. My e-mail address is anderson.bruce98@yahoo.com.

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ARWA GETS LETTERS AND E-MAILS FROM SYSTEMS



• Dear Mr. Sternberg,

May 27, 2014

East End Intermediate School would like to thank you for allowing Mr. David Quattlebaum to visit our school this year and help educate our students about the importance of water conservation. This is the second year in a row Mr. Quattlebaum has visited our school. Each year he has spoken to all five of our 6th grade classes, about 140 students, over a two period. The students thoroughly enjoyed his presentation, including his models, about rural water and how important it is to protect this valuable resource. Prior to his presentations most of these students didn't fully understand where their water really comes from. They only know the water is there when they turn the faucet on. I believe it is safe to say most of these students probably take their clean, easily accessible water for granted. But, following Mr. Quattlebaum's presentation I know they have a much better understanding of their water and a deeper appreciation for it. Thanks again for allowing our school this valuable opportunity for student learning. We look forward to seeing Mr. Quattlebaum again next year.

Alan Braden, 6th Grade Math and Science
East End Elementary School
Sheridan School District

• Mr. Freeman,

June 11, 2014

Thank you so much for coming to Cotter and inspecting our water tank on Highway 62. We wish to stay in compliance with the state regulations governing the re-painting of our water tank and providing the best and safest water to our citizens.

I am very pleased to receive your report with your findings which indicate that we are in good standing noting a couple areas of fair conditions and that re-painting and sandblasting are not necessary at this time.

I will be reporting your findings to our city council for their information.

Once again I do appreciate your report and inspection of our tank.

Peggy Hammack, Mayor
City of Cotter

• Dear Dennis,

July 9, 2014

The Marion Water Department would like to thank Susan Poe for performing a smoke test this past year along with following up with a manhole inspection of the system this week which is going to help us tremendously on reducing our infiltration. We were able to locate some major issues that will be fixed in the near future to reduce pump times and costs. She also updated our Emergency Response Plan before leaving town and we truly appreciate her assistance.

We also would like to thank Rodney Baldwin for his assistance with Sunset Water System making the transition easier for Marion. Rodney also has been a tremendous help to Marion and we look forward to working with Rodney and Susan again in the future.

Jim Shempert, Water Utilities Manager
Marion Water Department

• Dear Mr. Sternberg,

July 15, 2014

I would like to take this opportunity to express my gratitude to a member of your staff, Jim Philipp. I took his class in Advanced Treatment in May, and with him helping me understand some of the math a little better, I was able to take the Treatment IV exam and pass. Jim is an excellent instructor who keeps his classes interesting and his students motivated to be successful. Again, my sincere gratitude to Jim and also the entire staff of Arkansas Rural Water Association. Keep up the good work.

Brad Lace, Treatment Operator
Cross County Rural Water System

• To Whom It May Concern:

July 16, 2014

I just wanted to say thanks to ARWA for always being here for my town and myself. Again Terry Fortenberry and Chris Harris came to our rescue. I don't know them as well as some of the others but I couldn't have been more pleased with them. They were very knowledgeable and helpful and most of all not afraid to jump in and do the dirty work. A special thanks to Terry, after working

(continued on next page)

LETTERS AND E-MAILS *(continued)*

hard all day that evening he climbed my water tank and inspected it even though I feel like he was more tired than myself. I can't imagine not having ARWA; my job would be so hard and my community wouldn't be able to have a lot of the things done that they do for us. Once again, a huge thanks to each and every one of you.

Clifford Page
City of Taylor

• To Whom It May Concern: July 18, 2014

Thank you for having such qualified instructors to help with the Wastewater training courses. I had Jim Barkie as my teacher this past week in Rogers, AR and I learned a lot about the Wastewater plant and the treatment program. I work in a Wastewater laboratory and I did not recognize a lot of the terminology used for this course but Jim helped me to understand the material. I look forward to taking my Class II and III Wastewater training programs with Arkansas Rural Water Association.

Elizabeth Cook
City Light & Water, Jonesboro

• Dear Mr. David Quattlebaum, July 24, 2014

I want to thank you for your presentation that you gave to teachers during the Reduce, Reuse, and Recycle workshop on July 22, 2014 at the Arch Ford Educational Service Cooperative over water quality. The presentation and discussion that was given will be a wonderful resource for school districts to utilize throughout the school year when teaching such units as conservation, ecology, recycling and the water cycle. Demonstrations and visuals, such as this, enrich lessons and help students have a better understanding of the environmental impact pollution can have on our planet and how specifically it can affect the less than one percent of potable drinking water that is available for consumption. Thank you for your efforts in helping to educate and to make good stewards out of our children.

Missy Stubblefield

• Dear Mr. Sternberg, August 6, 2014

The McCrory Water and Sewer System would like for you to be aware of how much Arkansas Rural Water Association has helped our system in the improvements of our water plant until we get our new one built. We truly believe we have better quality water due to their

assistance. They have really helped our employees in training and the knowledge of the water plant system. Arkansas Rural Water came to McCrory and smoke tested our sewer lines to help us find leaks so we could repair them. They also did our rate study and helped us to adjust our rates to where we actually have funds to repair and try to update our system. Our system truly appreciates all the support and training for our operators and all of the support that they give us.

Homer Reeves, Water Superintendent
City of McCrory Water & Sewer Department

• To ARWA, August 9, 2014

Once again I want to give a great big thanks to ARWA. The last week in August, Terry Fortenberry, Jim Barkie and Chris Harris came to Taylor to jet and video my sewer lines. These three men are very hard working, patient, and knowledgeable. They went the extra mile every day to ensure we got done as much as possible. We ran into many problems that had nothing to do with their job but they pitched right in and worked as hard as the rest of us. My town had never used ARWA until I got here three years ago. They are the most valuable resource I have and to this community. Again thanks to these three men and ARWA.

Waste Water Operator
Taylor Water

• Dear Mr. Sternberg, August 25, 2014

I am writing to thank you and Arkansas Rural Water for the programs you provide to the Water Purveyors in the State of Arkansas. This industry is becoming more challenging and demanding each day. Thanks to you and your organization we have not only training for our service personnel, but assistance with every day issues that arise.

Josh Freeman is truly an asset to your organization. He has helped our associations with issues from tank inspections, to water loss rater studies. I appreciate the visits and willingness to assist.

We truly appreciate the help we receive from your organization.

Clarisse Harris
Water Users LLC

(continued on next page)

LETTERS AND E-MAILS *(continued)*

• Dear Mr. Sternberg,

August 30, 2014

I would like to express my appreciation to Susan Poe for her assistance on our Wastewater Rate Study earlier in 2014. Ms. Poe came to our office and worked with our numbers to put together a plan for getting us financially stable. She also attended our Commission Meetings to explain the process as well as attending our Public Hearing and City Council Meeting for the final decision. We really appreciate her going through the whole process with us which was time consuming but did make a difference that she was there ready to answer questions or crunch new numbers when requested. She has worked with our system for technical support for over fifteen years now and has assisted myself and several of our operators with getting their certifications through her classes.

Little did I know after going through months of work on the rate study with Susan on the evening of April 27th well into the early hours of the morning I would be on the phone with her again after Vilonia was hit by a major tornado. She worked with us in 2011 after we were also hit by a tornado that year and was nice enough to stay

with me on the phone taking down notes and helping me organize what needed to be done while I drove around and assessed our damage which was a lot worse than we had in 2011 with more lives lost. First thing the next day we had Arkansas Rural Water Association's staff (Terry Fortenberry, Jim Philipp, and Jim Barkie) as well as yourself to the rescue in Vilonia to provide us with generators and help us get everything back on track. I know the rest of the staff was also in the area helping Mayflower and Vilonia Water Department as well. The assistance has continued from your group even after the worst of it was over including a smoke test, compliance assistance and supplies we needed being brought over by your group from neighboring systems.

Josh Freeman was also here this week to complete our Security Vulnerability Assessment and Emergency Response Plan which is always nice that we don't have to worry about getting it completed since ARWA assists with it every time USDA needs an updated one. We can't express enough how much we appreciate all of you at ARWA. Please, thank everyone for us and a special thanks to you for having such a wonderful organization full of caring and talented people to assist.

Bill Reed, Manager
City of Vilonia Sewer Department

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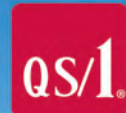


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City of Paris Light & Water

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BACKFLOW CLASSES

Please fill out information below and mail to Arkansas Rural Water, with payment, 10 working days prior to the class date you wish to attend.

ARWA - P.O. Box 860, Lonoke, AR 72086

REGISTRATION FORM

Class Time: 8:00 a.m. - 5:00 p.m.

NAME: _____

ADDRESS: _____

PHONE: _____

EMPLOYER: _____ ARWA MEMBER: YES___ NO___

NAME OF CLASS: _____

DATE OF CLASS: _____

BACKFLOW CLASSES IN 2015

February 9-13, 2015	Tester CertificationLonoke
April 6-10, 2015	Tester CertificationLonoke
July 13-17, 2015	Tester CertificationLonoke
October 12-16, 2015	Tester CertificationLonoke
February 9, 2015	Tester Re-CertificationLonoke
April 6, 2015	Tester Re-CertificationLonoke
July 13, 2015	Tester Re-CertificationLonoke
October 12, 2015	Tester Re-CertificationLonoke
March 17-19, 2015	Repair CourseLonoke
August 18-20, 2015	Repair CourseLonoke

ARKANSAS RURAL WATER ASSN. **BACKFLOW PROGRAM**

Arkansas Rural Water has been approved by the Arkansas Department of Health and is now offering training courses for persons wishing to be certified in backflow prevention and cross-connection.

Below, you will find courses offered and their cost. If you wish to attend a course, please fill out and return this registration form, along with a check for the amount of the course. Please mail to:

Arkansas Rural Water Association
P.O. Box 860, Lonoke, AR 72086 PH-501-676-2255 – Fax 501-676-2266
Or Email: arkrwa@sbcglobal.net

ASSEMBLY TESTER CERTIFICATION COURSE

COST: ARWA MEMBER: \$400.00 NON-MEMBER: \$445.00

The Assembly Tester Course is a 40-hour course that consists of classroom training and actual hands-on training to train the student to field test various backflow prevention devices.

NOTE: (It is required by the Arkansas Department of Health that anyone wishing to be a Certified Tester, attend and pass this type of an approved course and also pass a test given by the Arkansas Department of Health after completion of this course.)

ASSEMBLY TESTER RE-CERTIFICATION COURSE

COST: ARWA MEMBER: \$100.00 NON-MEMBER: \$125.00

The Assembly Tester Re-Certification Course is an 8-hour course that consists of classroom training and lab training to re-certify CERTIFIED TESTERS.

NOTE: (It is required by the Arkansas Department of Health that Certified Testers attend and pass this type of an approved course every two years in order to maintain Certification.)

ASSEMBLY REPAIR CERTIFICATION COURSE

COST: ARWA MEMBER: \$300.00 NON-MEMBER: \$345.00

The Assembly Repair Course is a 24-hour course that consists of classroom training and hands-on lab training to train the student to be able to repair Assemblies in the field.

NOTE: (It is required by the Arkansas Department of Health that before someone can be a Certified Assembly Repair person they must be a Certified Tester, attend and pass an Assembly Repair Course and also pass a test given by the Arkansas Department of Health after completion of this course.)

**PLEASE FILL OUT THE INFORMATION ON THE FOLLOWING PAGE & MAIL IT TO
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