



ARKANSAS DRINKING WATER UPDATE

RTCR Update:

Assessment Form Available

Lance Jones, P.E., Chief Engineer

As discussed in previous articles, the Revised Total Coliform Rule (RTCR) will become effective on April 1, 2016. The Engineering Section has been preparing for the implementation of the RTCR by applying for primacy from EPA, conducting training, developing Assessment forms and a tracking process and reviewing/updating sample site plans for bacteriological monitoring.

Engineering staff are reviewing the bacteriological sample site plans for all public water systems in Arkansas. The purpose of this review is to verify that the site plans are up to date, effectively cover the customer service area of the water system and are adequate to meet the requirements of the RTCR. During this review, many systems may be required to modify or update their sampling site locations or site plan.

We have also begun implementing the Assessment process in parallel with the current total coliform MCLs issued under the Total Coliform Rule. During the time leading up to the April 1 2016 effective date of the RTCR, the Assessments will be used as a training tool for both the water systems and Engineering Section staff to become familiar with the process. No RTCR violations related to Assessments will be issued in this training period.

Under the current TCR, a total coliform MCL violation is issued when total coliform is detected in more than one water sample per month (or more than 5% of the samples when more than 40 monthly samples are collected). The issuance of the MCL violation requires the water system to conduct a public notice to consumers, but does not require a corrective action.

The RTCR keeps the same trigger levels for total coliforms, but instead of an MCL violation being issued, the water system must conduct a Level 1 Assessment. An Assessment will also be triggered if the system does not conduct all of the required repeat samples after an initial total coliform positive distribution sample. The purpose of the Assessments is to identify the cause of the total coliform positive samples and any associated sanitary defects. The system must submit the assessment report, including any corrective actions to address the sanitary defects to the State primacy agency for review within 30 days. The Level 1 Assessment must include the following:

1. Inadequacies in sample sites, sampling protocol, and sample processing

2. Atypical events that may have affected distributed water quality or indicate that distributed water quality was impaired
3. Changes in distribution system maintenance and operation that may have affected or are affecting distributed water quality including water storage
4. An evaluation of source water quality and treatment changes or conditions that may affect distributed water quality, where appropriate
5. Existing water quality monitoring data

Currently, Engineering Section staff will conduct all training assessments with the water system. Once the RTCR is effective, water system operators will be responsible for conducting triggered Level 1 Assessments. The Engineering Section staff will provide technical assistance as needed to help the system conduct the Assessment and complete the report. Any sanitary defects that are identified shall be corrected to protect water quality.

The RTCR also includes requirements for Level 2 Assessments which require the same elements of the Level 1 Assessments be evaluated in more detail and will be conducted by Engineering Section staff in conjunction with the water system personnel. Level 2 Assessments are required under the following conditions:

1. More than one Level 1 Assessment is triggered in a 12-month period.
2. An MCL violation is issued for the confirmation of E-Coli in the distribution system. The ADH also requires a 'Boil Water Advisory' be issued when an E-Coli MCL violation is issued.

Failure to conduct the required Assessments or correct identified sanitary defects will result in a treatment technique violation.

(Continued Next Page)

Inside the <i>Update</i>	Page
Annual Compliance Report	2
Cyanotoxins	3
Operator Licensing Process	6
Geology Services	8
License Renewal	11

Annual Compliance Report Available

Jeff Stone, P.E., Director

The monitoring requirements for the RTCR are essentially the same as the current TCR for routine and repeat samples (samples following a total coliform positive result). However, the current requirement of collecting a minimum of 5 samples in the month following a total coliform positive sample will be removed when the RTCR becomes effective.

The Engineering Section will continue to provide training and updates for water systems regarding the RTCR requirements.

The Level 1 Assessment form is included in this newsletter on pages 4 and 5. This form and the revised Bacteriological Sampling Site Plan form are available on the Engineering Section website under the Reports, Forms & Policies tab.

<http://www.healthy.arkansas.gov/eng>

More information regarding the details and requirements of the RTCR can be found at the EPA website:

http://water.epa.gov/lawsregs/rulesregs/sdwa/tcr/regulation_revisions.cfm

Staff News



The Engineering Section welcomes back Jason Gilkey as the Environmental Health Specialist for District 6. Besides working for the Department of Health's Engineering Section, Jason worked for the Arkansas Department of Environmental Quality and the State of Oregon's Department of Environmental Quality.

The Engineering Section has completed the Annual Compliance Report (ACR) pertaining to calendar year 2014. As the primacy agency in Arkansas for the federal Safe Drinking Water Act (SDWA), the ACR is required to be completed and made available for each calendar year. The deadline for making this report available is July 1 of the following year. This most recent ACR is available via the Engineering Section website <http://www.healthy.arkansas.gov/programsServices/environmentalHealth/Engineering/Documents/Reports/EngReports/ACR2014.pdf> or a paper copy is available by request.

The ACR contains detailed information concerning the violations that public water systems have incurred and overall statistics concerning compliance with SDWA requirements for public water systems in the state. Highlights of the report are as follows:

Population of Arkansas	2,814,717
% of Arkansans Served by Public Water	94.9 %
Community Public Water Systems	698
Transient, Non-Community PWSs	324
Non-Transient, Non-Community PWSs	31
Monitoring Compliance	99.7 %
SDWA Water Quality Compliance	98.3 %
Overall SDWA Compliance	98.0 %

It is important to understand that overall compliance rates rise and fall incrementally as new SDWA requirements become effective and public water systems then make adjustments to maintain compliance. The overall compliance rate of 98.0% for 2014 is approximately the same as 2013 overall compliance rate of 98.2%.

If an electronic copy of the ACR is desired, please utilize the internet link provided above. If a paper copy is desired, please send a request to jeffery.stone@arkansas.gov or via regular mail to Jeff Stone, Engineering Section, Arkansas Department of Health, 4815 West Markham, Slot 37, Little Rock, AR 72205.

ARKANSAS DRINKING WATER UPDATE is published quarterly by the Engineering Section, Arkansas Department of Health to inform readers of issues and activities affecting this industry. Articles and information in the newsletter can be reproduced without restriction if credit is given for the source. Potential contributors of articles for the *UPDATE* and persons wishing to be added to the mailing list should contact the Section at the address listed on the last page.

Health Advisories Issued for Cyanotoxins

By Jeff Stone, P.E., Director

EPA pre-released health advisory information for toxins related to blue green algae (cyanobacteria) outbreaks in drinking water source waters in May 2015. Public awareness increased focus on toxins relating to “Harmful Algal Blooms” following a service disruption to the community public water system serving Toledo, Ohio during the late summer of 2014. A Do Not Drink warning was issued after cyanotoxins were found, in post treatment drinking water, at levels above limits recommended by the World Health Organization’s drinking water guidelines.

Lake Erie is the source water for the Toledo public water system. Lake Erie is subject to algal blooms each year during the late summer period. The shallowness of Lake Erie and the abundance of nutrients in runoff contribute to algal outbreaks. Many water supply lakes in the nation, including lakes in Arkansas, are similarly vulnerable to Harmful Algal Blooms (HABs).

Toledo was quick to respond to the source water contamination and within 3 days the do not drink warning was lifted. A combination of optimized treatment and careful selection of water intake depth can limit the concentration of cyanotoxins in finished drinking water. One key strategy is to remove the algae cells that contain toxins without rupturing those cells and thus spilling toxins into the water. Use of pre-filter disinfection is to be avoided since a disinfectant such as chlorine will rupture algal cells and release cyanotoxins.

The health advisory information released in May 2015 by EPA addressed two types of cyanotoxins: microcystins and cylindrospermopsin. Microcystins and cylindrospermopsin adversely affect the liver and the kidneys. Of the microcystins (there are approximately 80 types of microcystins), microcystin-LR is equally or more toxic than other microcystins. Infants and small children are at greater risk from cyanotoxins due to their relative higher consumption of water relative to body weight. Thus, the EPA advisory information

released in May, 2015 was two tiered. One tier is for infants and children below school age and another higher tier is for school age children and adults. The advisories are 10 day exposure advisories. In other words, these advisories represent the concentrations which consumers should not be exposed to for more than 10 days. The table below presents these 10 day advisory concentrations.

EPA Health Advisory Concentrations

Cyanotoxin	Infants, Pre-school children	Adults
Microcystins	0.3 ug/L	1.6 ug/L
Cylindrospermopsin	0.7 ug/L	3 ug/L

To date, no water systems in Arkansas have experienced harmful algal bloom outbreaks to an extent that would necessitate any type of public warning or disruption of service. However, the potential for such an outbreak in Arkansas lakes does exist.

Public water systems and the Arkansas Department of Health must be prepared to work in close cooperation if a water system is affected by a harmful algal bloom in their source water. Public water systems should remain observant of source water conditions and maintain an awareness of when significant growths of harmful algal blooms may be present. If present, the Arkansas Department of Health can assist the water system regarding appropriate pre- and post- treatment sample collection and analysis for cyanotoxin concentrations. The public water system can also strive to optimize the water treatment plants for turbidity and organic removal, as both will serve to maximize toxin removal. Based upon the results of any necessary monitoring, the Arkansas Department of Health can assist in the issuance of any necessary news releases or drinking water public advisories as well as answer questions that the press or public may have if cyanotoxins are found.

Further information on these newly released health advisories may be found at: http://www.awwa.org/Portals/0/files/legreg/documents/EPA_Health_advisories_May_11_HAB_public_meeting.pdf

RTCR Level 1 Assessment Form

System Name:		Source Water:		PWSID #			
System Type:		Population Served:		PWS Address:			
Operator in Responsible Charge (ORC):		Phone:					
City, State:							
County:		Sample Site info:					
Person that collected TC samples if different than ORC:						Phone:	
Address, City, State, Zip:							
Date Assessment Completed:		Completed by:					
Questions (1-4)	Reviewed? (Y/N or N/A)	Issue(s) Found? (Y/N)	Issue Description	Corrective Action Taken (Including Date)			
1. Evaluate sample site. -condition or location of tap -adequate disinfectant level maintained -regular use of tap/service -history of sample results from site -POE/POU -softeners							
2. Sample protocol followed and reviewed. -flush tap -disinfect/sterilize tap -remove aerator -sample storage acceptable -no swivel -fresh sample bottles							
3. Have any of the following occurred at relevant facilities prior to the collection of TC samples? -any interruptions or upsets in the treatment process -any reported loss of pressure events -reported vandalism and/or unauthorized access to facilities -visible indicators of unsanitary conditions reported -Has there been a fire fighting event, flushing operation, sheared hydrant, etc.							
4. Have there been any recent operational changes to the system? -sources introduced -treatment or operational changes -maintenance activities -potential sources of contamination							

Questions (5-8)	Reviewed? (check if completed or type N/A)	Issue(s) Found? (Y/N)	Issue Description	Corrective Action Taken (Including Date)
5. Distribution System -system pressure -cross connection -pump station -repairs				
6. Storage Tank -screens -security -access opening -condition of tank				
7. Treatment Process -interruptions / upsets -O&M -monitoring				
8. Source - Well -sanitary seal -vent screened -air gap -pump to waste line -cross connection -security	Spring -condition of spring development -condition of spring box -security	Surface Water -heavy rainfall -high turbidity -lake turnover -algae blooms -other impacts		

Additional Comments:

Name of person completing form: _____ Signature: _____ Date: _____
 Title and Organization: _____

Complete the assessment and submit this form within 30 days to:

**Engineering Section, Slot 37
 Arkansas Department of Health
 4815 W. Markham St.**

Little Rock, AR 72205

Reserved for State

1. Assessment has been successfully completed. (Y/N & Date)
2. Likely reason for total coliform positives occurrence is established.
3. System has corrected the problem. (Y/N & Date)
4. Was a reset requested and / or granted? – Rationale
5. Name of State reviewer:

Obtaining a Water License – The Process

Martin Nutt, Licensing and Certification

The obtaining of a water operator license is a multi-step process. The steps are:

- A license application must be submitted,
- License (\$10.00) & Exam (\$25.00) fees must be paid in advance,
- Re-exam (\$25.00) fee must be paid if same exam must be taken again,
- Mandatory Training must be attended,
- The license exam must be scheduled in advance of exam (45 days prior if paper based)
- The exam must be taken and passed,
- The license experience requirement must be met.

License Application

An Application for Water System Operator License form should be thoroughly completed and submitted to the Water License Program at least 60 days prior to sitting for a license exam. The two most overlooked areas of the application form are the experience section and the application signatures. In the experience section you should show all work experience present and past that you wish considered for experience credit. The experience must have a start date and end date (to present if current job) so experience time can be calculated. The description of work experience should be sufficiently detailed to provide a clear understanding of the work being performed or managed. Cryptic descriptions requiring the reviewer to make assumptions will not be given credit and may require a follow-up “experience update form” to be submitted to obtain credit for your experience.

License and Exam Fees Paid

The initial license application requires \$35.00 in fee payments to be included. This fee consists of the \$10.00 license fee and a \$25.00 initial exam fee. Additional exams for the same license grade and type require a \$25.00 re-exam fee. An invoice is provided with the failed license exam report and must be used to pay the re-exam fee. Required exam fees must be paid prior to the exam.

License Exam Registration

License exam registration is the most critical and overlooked step in the process. Exam registration is an additional step not part of a license application. The most straightforward method to register/schedule the exam is by utilizing this webpage: https://health.arkansas.gov/wa_engTraining/ExamType.aspx

The webpage allows registration for the paper based exam or the computer based exam. You may also register for an exam by submitting the paper based exam registration form or the computer based exam registration form.

You must be registered for a paper based exam 45 days or more before the exam session date. Failure to register for the exam will result in no exam available at the exam session. The registration process is not completed until an exam registration confirmation number is provided.

The computer based license exam can be scheduled in 1-2 weeks. The process requires registering for the exam using our webpage or paper request form. Submittal of the request will result in an emailed or mailed postcard notifying you of the exam registration/scheduling procedures and acceptable methods of paying the exam facility use fees of \$64.00. The use of email notification, AMP’s website, and payment by credit card significantly decreases the processing time to sit for an exam.

Mandatory Training Must Be Attended

Each license grade and type (distribution or treatment) has specific curriculum based courses that must be attended prior to sitting for an exam. The table below shows the required courses for each license exam:

TRAINING HOUR REQUIREMENTS FOR EXAMS										
COURSE NAME	LENGTH	VSS	D-1	D-2	D-3	D-4	T-1	T-2	T-3	T-4
RULES, REGS, COMPLIANCE	8 hr.	X	X	X	X	X	X	X	X	X
BASIC MATH	8 hr.	X	X	X	X	X	X	X	X	X
APPLIED MATH	8 hr.			X	X	X		X	X	X
DISTRIBUTION BASIC	24 hr.	X	X	X	X	X				
DISTRIBUTION INTERMEDIATE	24 hr.			X	X	X				
DISTRIBUTION ADVANCED	24 hr.					X				
TREATMENT BASIC	24 hr.						X	X	X	X
TREATMENT INTERMEDIATE	24 hr.							X	X	X
TREATMENT ADVANCED	24 hr.								X	X
	Total hrs.	40	40	72	72	96	40	72	96	96

After determining the license needed, determine what mandatory courses are required and map out an attendance plan. A schedule of all available courses (includes Arkansas Environmental Training Academy, Arkansas Rural Water Association, and ADH sponsored courses) is available on the Engineering Section's webpage (www.healthy.arkansas.gov/eng). While visiting the webpage download available preparation aids, such as the exam Needs To Know, list of reference manuals, ADH PWS Compliance Summary, etc. Also, download a license application to start the license process with the Water Licensing Program. The Needs to Know, AWWA Certification Study Guide and reference manuals should be used extensively in preparing for the license exam. Active attendance of the classes must be re-enforced by studying the manuals to improve your chances of passing the license exam.

Alternative methods to meet mandatory training are available. They include college degree substitution for certain courses, credit for courses based on licenses held, and California State University Sacramento, Office of Water Programs correspondence courses substitutions. Please see this webpage for additional information about substitutions:

<http://www.healthy.arkansas.gov/programsServices/environmentalHealth/Engineering/Documents/Reports/FormsAndMaterials/MandTrng.pdf>

License Issued

The passing of the licensing exam results in the issuing of either a license or operator in training designation. The License is issued when the experience requirement has been documented as met. If the experience requirement was not documented as met, the Operator in Training (OIT) designation is issued.

The OIT is issued when an applicant either has not performed countable experience for the length of time the license requires or is not performing job duties that can be used to meet the experience.

Too many OIT's are issued because the applicant failed to properly document their experience. Failure to carefully complete the license application's experience and signature sections (second page of application) many times is often why the OIT is issued. Dates experience was performed are not provided, or a lack of detail in the experience section results in your experience not being credited. Short cryptic non-specific statements are difficult to allow experience credit. The most unfortunate reason for turning down experience credit is the lack of proper signatures. The license applicant does not sign the application, signs both signature sections, or the section to be signed by the applicants supervisor, mayor, board president is left blank.

An Experience Update form should be submitted when the applicant/OIT holder meets the experience requirement or to correct any of the above described oversights. The application response letter details your experience status.

Source Water Protection and Geology Services at the Arkansas Department of Health

Evelyn Kort, Geologist

Have you ever wondered why the Engineering Section has hydrogeologists on staff? Source Water Protection is a non-regulatory program in the Technical Support area of the Engineering Section. The group includes a Geologist Supervisor, Senior Geologist, GIS Specialist and Environmental Health Specialist. Source Water Protection staff designate Wellhead Protection Areas (WHPAs) and Surface Water Assessment Areas (SWAAs) for each groundwater well and surface water intake source for public water supply in Arkansas. The group evaluates hundreds of permits and projects, which may pose environmental risks to public water supplies including industrial and municipal permits, land applications permits, confined animal feeding operations, oil and gas permits, and proposed pipelines. We also compile statewide inventories of Potential Sources of Contamination (PSOCs) using GIS. All of these are evaluated as to their proximity and risk to public water supplies.

ADH geologists calculate WHPAs for all public water supply wells using the characteristics of the aquifer, the water-bearing zones of sediments or rocks—and the maximum pumping rate of a well. The WHPA is the surface expression of the cone of depression created in the aquifer by pumping the well. It is usually expressed as a circle around the well, because groundwater flows radially to a well. The more hours per day a well is pumped, the larger the WHPA will be. The WHPA is the area to be monitored for PSOCs on the ground, which may pose risks to the groundwater below. For instance, one of the most common and ubiquitous PSOCs are gas stations; gasoline is stored in underground tanks which often leak and migrate to groundwater.

All new well locations proposed for public water supply are reviewed by the ADH geologist. The ADH geologist writes an Initial Well Recommendation. The Initial Well Recommendation always includes:

- A description of the location,
- The best aquifer/s to tap and how deep it is expected to be,
- The geologic layers that will be drilled through,
- Precautions for drilling complications based on conditions encountered in surrounding wells,
- Typical yield of the aquifer in the vicinity of the well,
- The estimated depth of casing and grout to install and
- Details regarding how to make the required submittal of cuttings and driller's notes and logs.

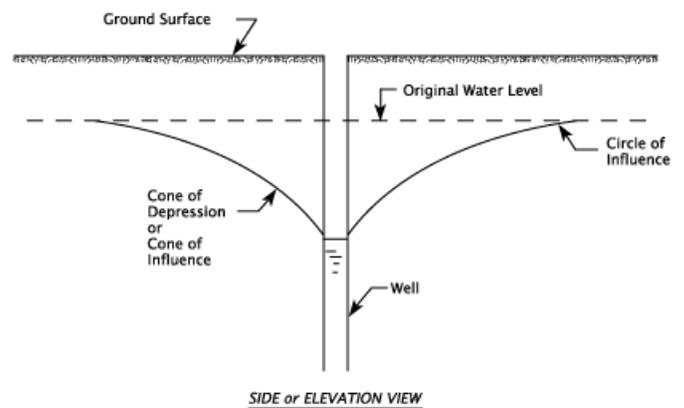
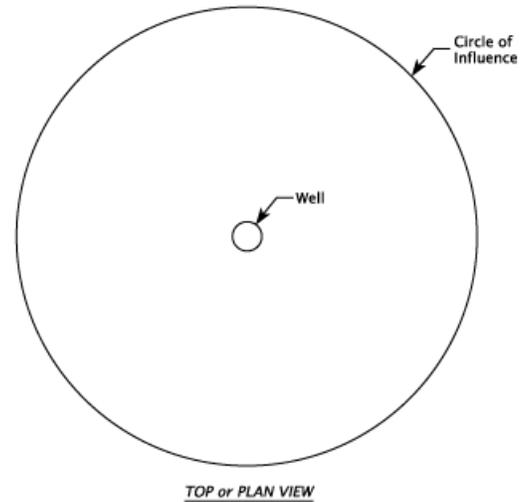
ADH geologists also track drilling progress. Drillers are to keep detailed logs of borehole conditions and to collect rock cuttings every ten feet from ground surface to total depth, and to submit both to the Arkansas Geological Survey. Both the Survey and the ADH geologists examine the drill cuttings under a high-powered binocular microscope, identifying rocks and sediments penetrated and looking for signs of surface water influence (oxidation). Geologists also evaluate the water producing zones encountered and the stability of the borehole. All of this information is used by ADH geologists to determine the final casing and grout depth; the PWS can expect to receive a Cuttings Analysis with the casing and grout depth requirements within a week of submittal and review of drilling cuttings.

A lot of effort is put into determining the casing and grout depth. Think of a well as a straw stuck deep into the ground. Water can be sucked up through it but can also flow down. Water can travel through the inside of the straw but also along the outside of the straw. The straw is a direct conduit from influences at the ground surface to groundwater below. The grout serves to seal the space outside the straw so that nothing can migrate down that conduit. Generally, the deeper the casing and grout the greater the protection of the aquifer from surface influences. Protecting Arkansas' groundwater resources and public health is our primary goal. As such, the Arkansas Board of Health's Rules and Regulations Pertaining to Public Water Systems require that "the required depth of the grout seal will be determined by the Arkansas Department of Health after a review of the geological formation" (VII. Ground Water Supplies B. Well Construction 1.Casing, p. 12).

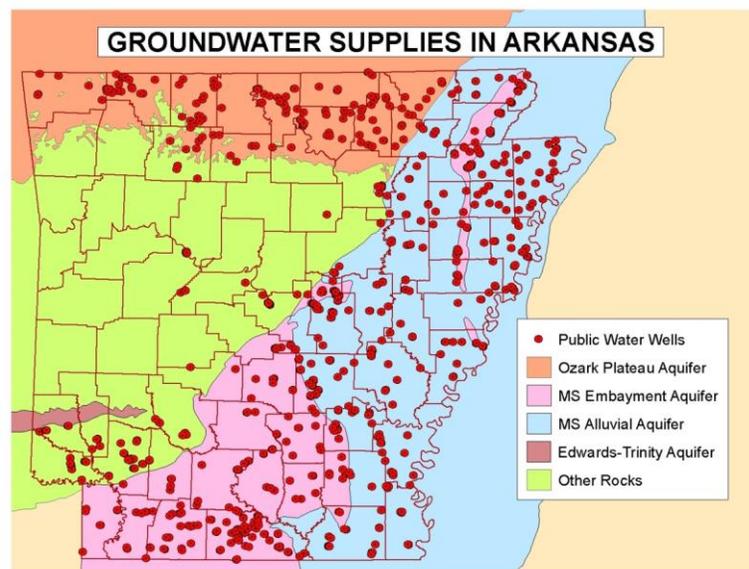
Even with careful review, there are no guarantees that a productive well will be successfully drilled and installed. Geology can be complicated and unpredictable. Arkansas has five distinct physiographic regions, each with different geology. In the north and covering the top three rows of counties is the Ozark Plateaus region, where limestones and dolomites prevail and groundwater flows through fractures in the rock. Limestone creates karst geology with sinkholes and caves and the deeper dolomites sometimes have large voids and caverns filled with groundwater, but if no fractures are drilled through there will be little or no groundwater. To the south is the Arkansas River Valley region which encompasses the Arkansas River. The river cuts through the underlying sandstone and shale and re-deposits sand in the river channel. These river sands provide the best groundwater in this region. South of the Arkansas Valley are the Ouachita Mountains, a geologically complex region which has been deformed and faulted by tectonic forces. Groundwater again flows through fractures in the rock and wells are typically low yielding and can only support small transient populations.

The vast majority of groundwater in Arkansas is produced from the Gulf Coastal Plain and Mississippi River Alluvial Plain regions in the south and east. These regions are characterized by gravel, sand, silt and clay sediments deposited by advancing and retreating ancient seas. Included in these sediments is the Sparta/Memphis Sand which is the second most widely used aquifer in Arkansas. Younger than the Sparta/Memphis are the alluvial and terrace sediments deposited by present day and older streams. The Mississippi River Alluvial Aquifer is present at the ground surface throughout the Mississippi River Alluvial Plain and is the most widely used aquifer in the state, mostly for irrigation. Alluvial sediments are also present in the West Gulf Coastal Plain around larger rivers and streams such as the Ouachita River and Red River. Wells in the West Gulf Coastal Plain and Mississippi River Alluvial Plain are more predictable because the geology is less complicated and more groundwater is available.

The Source Water Protection —and in particular, the geology staff in ADH Engineering—are available to assist all public water systems with any geology questions or well issues they may have and with all other aspects of your Source Water Protection Program. If your public water system has plans to install a new well, please take advantage of the geologic expertise available at no additional cost. You can reach us at 501-661-2623 or via email at Evelyn.Kort@arkansas.gov or Darcia.Routh@arkansas.gov.



Circle of influence and cone of depression/cone of influence



Major Monitoring, MCL, Treatment Technique, & Licensing Violations

Community & Nontransient Noncommunity Public Water Systems, Jan – Mar, 2015

ADC EAST ARK REGIONAL	BMCL 2, 3	HOUSTON WATERWORKS	OperLic 1, 2
ALMYRA WATERWORKS	Bmon 2	HOUSTON WATERWORKS	PN 1, 2, 3
ASP MT MAGAZINE	DBPR 1, 2, 3	HOXIE WATER DEPARTMENT	Bmon 2
AURELLE WATER SYSTEM	Bmon 3	HOXIE WATER DEPARTMENT	Dmon 2
BALD KNOB WATERWORKS	Dmon 2	HWY 4 24 WATER ASSOC	DPBR 1, 2, 3
BARLING WATERWORKS	Bmon 2	LAKE CHICOT WATER ASSOC	DBPR 1, 2, 3
BATTS-LAPILE WA	PN 1	LAKE VIEW MUNICIPAL WATER	BMCL 1
BELLEVILLE WATER	Bmon 2	LAKE VIEW MUNICIPAL WATER	Bmon 2
BEN LOMAND WATERWORKS	Bmon 1, 2	LITTLE RIVER CO RDA	DBPR 1, 2, 3
BEN LOMAND WATERWORKS	PN 2	LOCKESBURG WATERWORKS	Bmon 1
BIGGERS BLUFF DEVELOPMENT	PN 1	MADISON CO REGIONAL WATER	Bmon 2
BIGGERS BLUFF DEVELOPMENT	LCR 1	MENA WATER DEPARTMENT	BMCL 1
BLEVINS WATERWORKS	BMCL 2	MILLWOOD WATER CORP	Bmon 2
BLEVINS WATERWORKS	Bmon 3	MONTGOMERY CO RPWA	DBPR 1, 2, 3
BLUE MOUNTAIN WATERWORKS	DBPR 1, 2, 3	MONTROSE WATERWORKS	DBPR 1, 2, 3
BODCAW RURAL WATER	DBPR 1, 2, 3	MOUNT IDA WATERWORKS	DBPR 1, 2, 3
BOYDELL WATER SYSTEM	BMCL 3	MOUNT IDA WATERWORKS	Bmon 3
BRINKLEY WATERWORKS	DBPR 1, 2, 3	NEW LONDON WATER ASSOC	DBPR 1, 2, 3
CHICOT JUNCTION WA	DBPR 1, 2, 3	NORMAN WATERWORKS	OperLic 1, 2
CHICOT JUNCTION WA	PN 3	NORTH CARBON CITY WA	Bmon 3
CHIDESTER WATERWORKS	GWRmon 1	N HOWARD RWA	OperLic 1, 2
CHIDESTER WATERWORKS	BMCL 1, 3	N HOWARD RWA	Bmon 1, 2
CHIDESTER WATERWORKS	Bmon 2	N HOWARD RWA	PN 2
CONCORD WATER & SEWER	PN 1	OGDEN WATERWORKS	Bmon 3
COTTON PLANT WATERWORKS	BMCL 1	OXFORD WATERWORKS	BMCL 3
COTTON PLANT WATERWORKS	GWRmon 1	OXFORD WATERWORKS	OperLic 3
COTTONSHED WATERWORKS	PN 3	OXFORD WATERWORKS	GWRmon 3
EAST MONROE COUNTY WU	DBPR 1, 2, 3	PARKDALE WATERWORKS	BMCL 3
EUDORA WATERWORKS	Bmon 3	PERLA WATERWORKS	BMCL 3
FOUKE WATERWORKS	Bmon 2, 3	QUINN WATER ASSOC	Bmon 1
FREEDOM WATER ASSOC	Bmon 3	READLAND-GRANDLAKE WA	Bmon 3
FRENCHPORT WATER ASSOC	Bmon 1	REYNO WATERWORKS	BMCL 2
GENOA CENTRAL SCHOOL	Bmon 2	RIDGEFIELD ESTATES WS	LCR 1
GILMORE WATERWORKS	OperLic 3	SOUTHWEST ARK WATER SYS	DBPR 1, 2, 3
GLEN ACRES	Bmon 1	STARLIGHT ESTATES	BMCL 1
GRAND PRAIRIE REG WATER	BMCL 2	STRONG WATERWORKS	Bmon 3
GREENWAY WATERWORKS	PN 3	SUBIACO ACADEMY WATER	Tmon 2
GREENWICH CENTER	Bmon 3	SYLAMORE VALLEY WA	BMCL 3
HARMONY GROVE WA	DBPR 1, 2, 3	TRI-COUNTY WATER DD	DBPR 1, 2, 3
HARMONY WATER ASSOC	DBPR 1, 2, 3	WABBASEKA WATERWORKS	PN 2
HARTFORD WATERWORKS	Bmon 1, 2, 3	WALDENBURG WA	DPBR 1, 2, 3
HARTFORD WATERWORKS	OperLic 1, 2, 3	WALNUT HILL WA	DBPR 1, 2, 3
HOSANNA HEIGHTS WATER	GWRmon 2	WARD MHP	Bmon 1, 2
		WARD MHP	PN 1, 3
		WICKES WATERWORKS	Bmon 3

(continued next page)

KEY: Bmon = Bacti Monitoring; BMCL = Bacti MCL; CCR = Consumer Confidence Rule; Dmon = Disinfection By Product Rule Monitoring; DBPR=Disinfection By Product Rule MCL or Treatment Technique; GWRMCL=GWR Treatment Technique; GWRmon= GWR Monitoring or Reporting; PN = Public Notice Rule Tmon = SWTR Major Monitoring; TMCL = SWTR Treatment Technique; SWTR= Various SWTR requirements; Failure to Filter; RMCL = Radiochemical MCL; FMCL = Fluoride MCL; IMCL=Inorganic Chemical MCL; SMCL = Synthetic Chemical MCL; OperLic = Operator Licensing; 1 = Jan 2015, 2 = Feb 2015, 3 = Mar 2015

2015 Water License Renewal Update

Have You Renewed Your Water Licenses

Renewal notices for water licenses were mailed in mid- May 2015. All active water operator license holders, with a license expiring June 30, 2015, were mailed renewal invoices, to the water license address on record. If your license expires June 30, 2015 and you have not received your renewal invoice, please contact the water licensing program.

Many of you have already responded to the invoice by following the included renewal directions to submit your renewal. I expect many of you have already received your renewal wallet cards with a June 30, 2017 expiration date. If so, congratulations you have completed your renewal. We are also working hard to get all other submitted renewals processed. The first action taken upon receipt of your renewal is the cashing of the renewal check. If it has cleared your account, your renewal was received. A renewal response from us should be received within 30 days after the check cleared your account.

If you have yet to submit your renewal, remember you must have 24 contact hours of approved training, and at least 12 of the hours must be approved as direct water operator training. The other 12 can be more direct or indirect training. Considerable training attendance may be documented at: https://health.arkansas.gov/wa_engTraining/hours.aspx

There is a 90 day grace period after a license expires to complete the renewal process and your license is considered current. A \$5.00 renewal penalty is assessed on July 31, 2015. Reinstatement of licenses expired for more than one year is not allowed by Regulations.

If you are short renewal hours, the Regulations allow hours to be obtained until June 30, 2016 to meet

the 2015 renewal requirements. License not reinstated by June 30, 2016 are lost. Training schedules are on the internet at:

<http://www.healthy.arkansas.gov/eng/autoupdates/oper/opcertlinks.htm>

It is the operators' responsibility to see that their license is renewed regardless of the receipt of a renewal invoice, the renewal being processed by their utility, or receipt of the renewal documents by the license program. The operator needs to verify their license renewal by watching for the receipt of their renewal wallet card, with a June 30, 2017 expiration date.

Operators who submitted renewals 30 or more days ago without a response should please contact the Water Licensing Program to determine your renewal status, by calling (501) 661-2623 or by email at ADH.water.licensing@arkansas.gov.

Please remember, this is your license, it is not your water system's license or responsibility to renew the license. Your system may be pro-active in assisting you in obtaining renewal training. Your system may also take the lead in submitting your renewal documents and fee(s). However, it is your responsibility to see that your license is renewed. It is your license to lose and it is you who will be taking the exam to get your license back.

American Water Works Association Southwest Section Annual Meeting

October 4 - 6, 2015 – Shreveport Hilton, Shreveport, LA

www.swawwa.org

The conference consists of two (2) full days of training. Each day has six (6) training sessions with multiple concurrent training topics offered each session. An exhibit hall with a wide selection of water industry related companies displaying their latest and best products. The conference is approved for up to 16 contact hours of directly applicable water license training credit is available. No mandatory water training courses for exam purposes or license exams are available.

Water Operator Licenses Issued
March 1, 2015 through May 31, 2015

LICENSEE NAME	GRADE/TYPE	WATER SYSTEM NAME
ANDERSON MARK	D – III	MAGNOLIA WATERWORKS
BAUMGARTNER CURTIS	D – I	CENTRAL LOGAN COUNTY PWFB
BROWN WESLEY	D – I	COMMUNITY WATER SYSTEM
BUFORD GEORGE	D – I	BRECKENRIDGE UNION WATER ASSOC
BUFORD SEAN	D – I	BRECKENRIDGE UNION WATER ASSOC
CURETON MICHAEL	D – I	CASH WATERWORKS
DUBOSE JOSHUA	D – II	BEEBE WATERWORKS
EDKIN ROGER	D – II	BULL SHOALS WATER SYSTEM
FARRIER CHARLES	T – IV	BATESVILLE WATER UTILITIES & PFEIFFER WATER AUTHORITY
FERRELL STACEY	D – I	HERMITAGE WATERWORKS
GLOVER BRENT	D – II	YORKTOWN WATER ASSOCIATION
GRAEFE CHRISTOPHER	D – II	OZARK ACRES WATER ASSOCIATION
HARRIS BRUCE	D – IV	MONTICELLO WATER DEPARTMENT
HARVEY CHRISTOPHER	T – II	SHUMAKER PUBLIC SERVICE CO
HAYNES TIMOTHY	D – III	OSCEOLA WATERWORKS, DRIVER GRIDER WATER ASSOC, KEISER WATERWORKS & JOINER WATERWORKS
HILLMAN JOHN	D – II	REMINGTON ARMS COMPANY
HOWELL CODY	T – III	HOT SPRINGS UTILITIES
HUDDLESTON TIMOTHY	D – III	CITY CORPORATION
HUETT JOEL	D – I	VIOLA WATERWORKS
JONES JEFFREY	D – I	LIBERTY UTILITIES
JONES RICKY	D – I	OPPELO WATER DEPARTMENT & HOUSTON WATERWORKS
JONES RONNIE	D – VSS	CASH WATERWORKS
KELLEY JIM	T – III	LONOKE WATERWORKS
KELLUM WILLIAM	T – I	WYNNE WATERWORKS
KENNEDY ROBERT	T – I	4-H CENTER
LANGFORD JOHN	D – I	MANSFIELD WATERWORKS & HUNTINGTON WATERWORKS
LOWDER JASON	D – IV	CENTRAL ARKANSAS WATER
LUTZ MARK	D – II	BEEBE WATERWORKS
MARTIN MATTHEW	D – II	MARION COUNTY REG WATER DIST
MATTHEWS LEDESTINE	D – VSS	WILTON WATERWORKS
MATTINGLY MICHAEL	D – II	CHEROKEE VILLAGE WATER ASSOC
MEDLOCK ROBIN	T – II	SOUTHSIDE PUB WATER AUTHORITY
MILLER NICHOLAS	D – I	US AIR FORCE BASE LITTLE ROCK
MORELAND JAYMES	D – I	KELSO-ROHWER WATER ASSOCIATION & WATSON WATERWORKS
MORGAN ROBERT	D – IV	BEAVER WATER DISTRICT
OWENS SEAN	T – IV	CENTRAL ARKANSAS WATER
RAMSAY ALLISON	D – II	TULIP - PRINCETON WATER ASSN
RAYMICK THOMAS	D – I	LIBERTY UTILITIES

REED CORY	D – II	GENTRY WATERWORKS
ROSE JEFFERY	D – I	ALTUS WATERWORKS
SARTAIN BRIAN	D – IV	ROGERS WATER UTILITIES
SCHULTZ BRYAN	T – II	BOONEVILLE WATERWORKS
SCHULZ CHRIS	D – II	DORCHEAT WATER ASSOCIATION
SNYDER LEONARD	D – I	OPPELO WATER DEPARTMENT
STACY JAMES	D – III	CITY CORPORATION
STADLER JOSEPH	D – I	HOT SPRINGS VILLAGE WATER
STEVENS JARON	D – I	GRAVETTE WATERWORKS
STROUD LEONARD	D – I	US AIR FORCE BASE LITTLE ROCK
SULLIVAN ROBERT	D – II	LONOKE WATERWORKS
TYNAN JOHN	T – IV	CENTRAL ARKANSAS WATER
VAWTER JON	D – VSS	NO WATER SYSTEM OF RECORD
VILLANUEVA NOAH	T – I	US AIR FORCE BASE LITTLE ROCK
WEATHERFORD DOUGLAS	D – I	PICKENS WATERWORKS
WEAVER NAOMI	D – VSS	NO WATER SYSTEM OF RECORD
WILSON TIMOTHY	D – II	MAYFLOWER WATERWORKS

Free Water License Exam Manuals

Systems eligible for manuals are all Community Public Water Systems or Non-Community Non-Transient Public Water Systems serving a retail population of fewer than 3300 persons. The manuals, see table below, are provided to the water system, not the individual operator.

A simple request to Water Operator Licensing Program by phone at (501) 661-2623 or email at ADH.Water.Licensing@arkansas.gov is all that is required to receive the manuals.

Reference Manuals Provided OpCert Grant Eligible Systems	Value
<i>Water Treatment Plant Operation, Volume I, by CSU Sacramento*</i>	\$49.00
<i>Water Treatment Plant Operation, Volume II, by CSU Sacramento*</i>	\$49.00
<i>Water Distribution System Operation & Maintenance, by CSU Sacramento</i>	\$49.00
<i>Small Water System Operation and Maintenance, by CSU Sacramento</i>	\$49.00
<i>Manage For Success, by CSU Sacramento</i>	\$49.00
<i>Utility Management, by CSU Sacramento</i>	\$29.00
<i>Water System Security: A Field Guide by American Water Works Assn</i>	\$65.00
<i>Operator Certification Study Guide by American Water Works Association</i>	\$59.00
<i>Total Value of Set</i>	\$398.00

* Manual provided if system is required to have treatment-licensed operators.

ARWA Annual Technical Conference & Exhibition

September 13 - 16, 2015 – Hot Springs Convention Center – Hot Springs, Arkansas

www.arkansasruralwater.org

The conference consists of two (2) full days of training. Each day has four (4) training sessions with multiple concurrent training topics offered each session. An exhibit hall with a wide selection of water industry related companies displaying their latest and best products is available. The conference is approved for up to 16 contact hours of directly applicable water license training credit. The Conference will track attendance credit hours by scanning your conference badge barcode at stations Monday and Tuesday with a morning and afternoon scan. You must scan each morning and afternoon to receive full credit.

No mandatory water training courses for exam purposes are offered during this conference. License Exams are held Wednesday at 9:00 am in the convention center.

Mandatory Training Course Schedule

Most Current Listing is at: www.healthy.arkansas.gov/eng/autoupdates/oper/mandtrngall.htm.

Please contact the course sponsor to register for course well in advance of course date.

WATER LICENSE EXAM SESSION NOT HELD END OF MOST COURSES.

Mandatory Course Name	Start Date	Ending Date	Time	CITY	LOCATION	SPONSOR
Basic Water Distribution	06/29/15	07/01/15	8:00 AM	Camden	AR Env Training Academy, 100 Carr Road	AETA
Advanced Water Treatment	07/01/15	07/15/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Water Math	07/07/15	07/07/15	8:00 AM	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	ARWA
Intermediate Water Treatment	07/07/15	07/09/15	8:00 AM	Jonesboro	Jonesboro CWL Office Training Rm, 400 E Monroe	AETA
ADH PWS Compliance	07/08/15	07/08/15	8:00 AM	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	ADH
Applied Water Math	07/09/15	07/09/15	8:00 AM	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	ARWA
Advanced Water Distribution	07/16/15	07/30/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Water Math	07/21/15	07/21/15	8:00 AM	Greers Ferry	Community Water System, 299 Lakeshore Drive	AETA
Applied Water Math	07/22/15	07/22/15	8:00 AM	Greers Ferry	Community Water System, 299 Lakeshore Drive	AETA
ADH PWS Compliance	07/23/15	07/23/15	8:00 AM	Greers Ferry	Community Water System, 299 Lakeshore Drive	ADH
Intermediate Water Distribution	07/28/15	07/30/15	8:00 AM	Camden	AR Env Training Academy, 100 Carr Road	AETA
Basic Water Math	08/03/15	08/16/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Intermediate Water Treatment	08/04/15	08/06/15	8:00 AM	Mtn. Home	Charles R Newton Emer Serv Trng Center, Midway	ARWA
Basic Water Math	08/11/15	08/11/15	8:00 AM	Springdale	Springdale Water Training Facility, 525 Oak Ave	ARWA
ADH PWS Compliance	08/12/15	08/12/15	8:00 AM	Springdale	Springdale Water Training Facility, 525 Oak Ave	ADH
Applied Water Math	08/13/15	08/13/15	8:00 AM	Springdale	Springdale Water Training Facility, 525 Oak Ave	ARWA
Applied Water Math	08/17/15	08/31/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Advanced Water Treatment	08/18/15	08/20/15	8:00 AM	Lowell	Beaver Water Dist, 301 N Primrose Rd	AETA
Basic Water Treatment	08/25/15	08/27/15	8:00 AM	N Little Rock	CAW Maryland Complex, 1500 W Maryland Ave	AETA
Basic Water Treatment	09/01/15	09/15/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Water Math	09/08/15	09/08/15	8:00 AM	Camden	AR Env Training Academy, 100 Carr Road	AETA
Basic Water Math (Night Class)	09/08/15	09/11/15	TBD	Fort Smith	Fort Smith Utilities, 3900 Kelly Hwy	AETA
Applied Water Math	09/09/15	09/09/15	8:00 AM	Camden	AR Env Training Academy, 100 Carr Road	AETA
ADH PWS Compliance	09/10/15	09/10/15	8:00 AM	Camden	AR Env Training Academy, 100 Carr Road	ADH
Advanced Water Treatment	09/15/15	09/17/15	8:00 AM	Greers Ferry	Community Water System, 299 Lakeshore Drive	AETA
Basic Water Distribution	09/16/15	09/30/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Applied Water Math (Night Class)	09/22/15	09/25/15	TBD	Fort Smith	Fort Smith Utilities, 3900 Kelly Hwy	AETA
Intermediate Distribution	09/22/15	09/24/15	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
Intermediate Water Distribution	09/22/15	09/24/15	8:00 AM	Rogers	Rogers Water Utilities, 521 S 2 nd St	AETA
Advanced Water Distribution	09/29/15	10/01/15	8:00 AM	N Little Rock	CAW Maryland Complex, 1500 W Maryland Ave	AETA
Intermediate Water Treatment	10/01/15	10/15/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Advanced Water Treatment	10/06/15	10/08/15	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
Intermediate Water Treatment	10/06/15	10/08/15	8:00 AM	Russellville	Tri-County Water, 5306 N Arkansas Ave	AETA
Advanced Water Distribution	10/13/15	10/15/15	8:00 AM	Springdale	Springdale Water Training Facility, 525 Oak Ave	AETA
Intermediate Water Distribution	10/16/15	10/30/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Water Math	10/20/15	10/20/15	8:00 AM	Hot Springs	HS Transportation Depot, 100 Broadway Terrace	AETA
Applied Water Math	10/21/15	10/21/15	8:00 AM	Hot Springs	HS Transportation Depot, 100 Broadway Terrace	AETA
ADH PWS Compliance	10/22/15	10/22/15	8:00 AM	Hot Springs	HS Transportation Depot, 100 Broadway Terrace	ADH
Advanced Water Treatment	11/02/15	11/15/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Water Distribution	11/03/15	11/05/15	8:00 AM	Camden	AR Env Training Academy, 100 Carr Road	AETA
Intermediate Water Treatment	11/10/15	11/12/15	8:00 AM	Maumelle	Wastewater Plant Training Rm, 425 B Hyman Drive	AETA
Advanced Water Distribution	11/16/15	11/30/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Advanced Distribution	11/17/15	11/19/15	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
Advanced Water Treatment	11/17/15	11/19/15	8:00 AM	N Little Rock	CAW Maryland Complex, 1500 W Maryland Ave	AETA
Applied Water Math	12/01/15	12/15/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Water Math	12/01/15	12/15/15	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Water Math	12/01/15	12/01/15	8:00 AM	Fayetteville	Utilities Operations Center, 2435 S Industrial Dr	AETA
Applied Water Math	12/02/15	12/02/15	8:00 AM	Fayetteville	Utilities Operations Center, 2435 S Industrial Dr	AETA
ADH PWS Compliance	12/03/15	12/03/15	8:00 AM	Fayetteville	Utilities Operations Center, 2435 S Industrial Dr	ADH
Intermediate Water Distribution	12/08/15	12/10/15	8:00 AM	Russellville	Tri-County Water, 5306 N Arkansas Ave	AETA
Advanced Water Treatment	12/15/15	12/17/15	8:00 AM	Camden	AR Env Training Academy, 100 Carr Road	AETA
Basic Water Math	12/15/15	12/15/15	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
ADH PWS Compliance	12/16/15	12/16/15	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ADH
Applied Water Math	12/17/15	12/17/15	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA

The most current Mandatory Training Schedule with location information is available at
<http://www.healthy.arkansas.gov/eng/autoupdates/oper/mandtrngall.htm>

WATER OPERATOR LICENSE EXAMINATIONS SCHEDULE

The most current Exam Schedule is at: <http://www.healthy.arkansas.gov/eng/autoupdates/oper/operexam.htm>

You must register for the exam 45 days in advance. To register on the internet go to www.healthy.arkansas.gov/eng and click on Operator Certification, then select Register- Water License Exam. To register by e-mail provide name, license exam desired, exam session site, and exam date in an email addressed to ADH.Water.Licensing@arkansas.gov. You may register by phone with the Water Licensing Program at (501) 661-2623. Call (501) 661-2623, ask for Water Licensing Program.

Listed below are the dates and locations of examination sessions as scheduled, as of **June 30, 2015**. All Treatment and Distribution exam grades will be available at the sessions. Acceptable photo identification (Drivers License or equivalent) will be required to sit for an Exam. Cell phones, pagers and other electronic communication devices are not allowed. Non-Programmable calculators are allowed in exam sessions.

EXAM DATE	REGISTER DEADLINE	CITY	LOCATION	TIME
9/4/2015	7/21/15	Fayetteville	Fayetteville Operations Center, 2435 S Industrial Dr	9:00 AM
9/4/2015	7/21/15	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00 AM
9/4/2015	7/21/15	Mtn. Home	Baxter Co OEM Training Facility, 170 Dillard Dr, Midway	9:00 AM
9/11/2015	7/28/15	Camden	AR Environmental Training Academy, 100 Carr Road	9:00 AM
9/11/2015	7/28/15	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	9:00 AM
9/11/2015	7/28/15	Jonesboro	Jonesboro CWL Office Training Rm, 400 E Monroe	9:00 AM
9/16/2015	8/2/2015	Hot Springs	ARWA Conference, HS Convention Center	9:00 AM
12/4/2015	10/20/15	Fayetteville	Fayetteville Operations Center, 2435 S Industrial Dr	9:00 AM
12/4/2015	10/20/15	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00 AM
12/4/2015	10/20/15	Nashville	Carter Day Center, 200 Nichols Drive	9:00 AM
12/11/2015	10/27/15	Camden	AR Environmental Training Academy, 100 Carr Road	9:00 AM
12/11/2015	10/27/15	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	9:00 AM
12/11/2015	10/27/15	Jonesboro	Jonesboro CWL Office Training Rm, 400 E Monroe	9:00 AM

The above exam session information is subject to change. You should confirm this information just prior to the scheduled examination period. Also, the latest exam schedule information can be viewed on the Internet at: <http://www.healthy.arkansas.gov/eng/autoupdates/oper/operexam.htm> >.

Remember, you must register for the exam 45 days in advance.

Please verify that your license application has been filed with this office and that the required exam fee for each exam has been paid. The license exams require significant preparation prior to sitting for the exam. The preparation must include extensive study utilizing the study guide and recommended reference materials. Credit for the mandatory Certification Training Courses must be obtained before taking an exam. Copies of your training documentation must be provided when registering for an exam or provide documentation of its attendance by the exam session.

REPORT OF THE Arkansas Drinking Water Advisory and Operator Licensing Committee

The Arkansas Drinking Water Advisory and Operator Licensing Committee cancelled its April 9, 2015 quarterly meeting. The Committee's next scheduled meeting is July 9, 2015.

Return Service Requested

PRINTED ON RECYCLED PAPER

AWW&WEA District Meetings
 See also the Division's web site www.healthyarkansas.com/eng/ for updates.

DATE	TIME	CITY	LOCATION	SPONSOR
<u>August 2015</u>				
6	5:30 PM	Fort Smith	Golden Corral	Western District, AWW&WEA
6	5:00 PM	TBA	TBA	Central District, AWW&WEA
12	8:30 AM	Siloam Springs	American Legion	Northwest District, AWW&WEA
13	5:00 PM	Russellville	Western Sizzlin	AR Valley District, AWW&WEA
13	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
13	5:30 PM	Des Arc	Dondies on the River	Eastern District, AWW&WEA
18	5:00 PM	Watson Chapel	Leon's	Southeast District, AWW&WEA
20	12:30 PM	Jonesboro	Western Sizzlin	Northeast District, AWW&WEA
27	6:00 PM	Prescott	Casa Carlos	Southwest District, AWW&WEA
<u>September 2015</u>				
3	5:00 PM	TBA	TBA	Central District, AWW&WEA
3	5:30 PM	Fort Smith	Columbus Acres Picnic	Western District, AWW&WEA
9	8:30 AM	Springdale	Rodeo of the Ozarks	Northwest District, AWW&WEA
10	5:30 PM	Caldwell	Catfish Island	Eastern Central District, AWW&WEA
10	5:30 PM	Russellville	Western Sizzlin	AR Valley District, AWW&WEA
10	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
15	5:00 PM	White Hall	Wrights BBQ	Southeast District, AWW&WEA
17	12:30 PM	Paragould	Grecian Steakhouse	Northeast District, AWW&WEA
24	6:00 PM	E. Camden	AETA Training Lab	Southwest District, AWW&WEA
<u>October 2015</u>				
1	5:00 PM	TBA	TBA	Central District, AWW&WEA
1	5:30 PM	Fort Smith	Golden Corral	Western District, AWW&WEA
8	8:30 AM	Russellville	Western Sizzlin	AR Valley District, AWW&WEA
8	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
8	5:30 PM	West Memphis	Utility Office	Eastern District, AWW&WEA
14	8:30 AM	Eureka Springs	Best Western Inn	Northwest District, AWW&WEA
15	12:30 PM	Lake City	Winwater	Northeast District, AWW&WEA
20	5:00 PM	Monticello	Western Sizzlin	Southeast District, AWW&WEA
22	6:00 PM	Waldo	The Rails	Southwest District, AWW&WEA