



ARKANSAS DRINKING WATER UPDATE

Volume 33, No.3

ENGINEERING SECTION – DEPARTMENT OF HEALTH

Fall 2019

Revision of PWS Rules Progresses

Jeff Stone, P.E., Director

Revision of the Arkansas Department of Health’s Rules Pertaining to Public Water Systems is progressing through the administrative rule change process. Part of the changes is to remove the use of the word “regulations” and consistently use the word “rule(s)” in accordance with Act 315 of 2019. This is being done to eliminate possible confusion that might result from using the words “rule” and “regulation” interchangeably.

The previous edition of this newsletter, Summer 2019, provided excerpts of the proposed rule changes and presented the changes by section. These excerpts are provided once more on the next page.

It is proposed to modify Section VII.G Approved Chemicals, Materials, Equipment, and Processes so that, for very small water systems, product standards equivalent to ANSI/NSF 60 or 61 can be used for selecting equipment if those equivalent standards are issued by the FDA or ANSI/NSF.

It is proposed to modify Section XI.H Cleaning and Disinfection of Storage Tanks in order to update the referenced AWWA Standard C652-92, in order to refer to the most recent version of the standard which is C652-11.

It is proposed to modify Section XIV.E Disinfection of Pipe in order to update the referenced AWWA Standard C651-92 to refer to the most recent version of the standard which is C651-14. Also, it is proposed to strike the language concerning collection of bacteriological samples, “that are not collected on the same day”, so that the requirements of this section are not in conflict with the requirements of the latest revision of this standard. The latest revision of this standard allows for two options concerning bacteriological sampling. One of those options allows for collection of bacteriological samples on the same day. These changes would allow for use of either bacteriological sampling option. At the recommendation of the Arkansas Drinking Water Advisory and Operator Licensing Committee additional wording has been added to this section to make clear that both disinfection procedures and bacteriological sampling must conform to AWWA Standard C651-14.

It is proposed to modify Section XXV. Annual fees in order to update the indicated public water system service fee from \$0.30 per service connection per month to \$0.40 per service connection per month in accordance with the change made by Act 788 of the 2019 legislative session.

These proposed changes have been reviewed by the Arkansas Drinking Water Advisory and Operator Licensing Committee. The committee concurred with the proposed changes during the July 25th licensing committee meeting.

On August 1, 2019, the Arkansas Board of Health gave approval for the process of modifying this rule to proceed. The proposed rule was then added to the Agency’s web pages showing the rules that are being proposed and modified. The proposed rule can be found on the web pages here: <https://www.healthy.arkansas.gov/proposed-amendment-to-existing-rules>

A mailout of the notice of the public comment hearing (Sept. 26, 2019), and summary of proposed changes to the rule was mailed out to public water systems on August 8th. A notice of the proposed rule change and public comment hearing was placed in the weekend editions of the Arkansas Democrat Gazette during the weekend of August 11th. Due to a delay in filing the proposed rule with the Secretary of State, a second public notice was placed in the Arkansas Democrat Gazette during the weekend of September 20, 2019, and indicating that comments will be received up until 4:30 PM on October 14, 2019.

A public comment hearing was held on September 26th. Following the close of the public comment period, a Summary of Comments will be prepared.

The next steps will include review by legislative committees and final approval by the State Board of Health. It is hoped that this process will be completed by early next year.

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PROPOSED PWS RULE CHANGES BY SECTION

G. *Approved Chemicals, Materials, Equipment, and Processes*

All chemicals added to the water and all materials in contact with in-process or treated water shall be certified as being in compliance with ANSI/NSF Standards 60 and 61, as applicable. In addition, all products required to be "lead free" as determined through Section 1417 of the Safe Drinking Water Act (42 U.S.C. 300g-6) shall be certified as being in compliance with NSF/ANSI 372 or Annex G of NSF/ANSI 61. Certification shall be made by an independent agency. Self-certification by the manufacturer will not be accepted.

All unit processes, equipment, chemicals and appurtenances shall be in accordance with the latest edition of the applicable AWWA standards, and approved by the Arkansas Department of Health.

For treatment facilities utilized for treating water solely for bottled water or very small water systems, at its discretion, the Department may allow certification with the equivalent U.S. Food and Drug Administration food contact or food additive standard or other ANSI/NSF drinking water standards in lieu of certification with the appropriate ANSI/NSF 60/61 and AWWA standards.

H. *Cleaning and Disinfection*

Potable water storage tanks shall be cleaned as often as necessary. They shall be effectively disinfected before being placed into service in accordance with the "American Water Works Association Standard for Disinfection of Water Storage Facilities" (the latest edition of AWWA ~~C652-92~~ C652-11 or the latest revision thereof). Before the storage tank is placed in service, two consecutive series of samples that are not collected on the same day must show that the water is bacteriologically safe for drinking purposes.

E. *Disinfection of Pipe*

Before being placed in service, all new water distribution systems, extensions to existing systems, any valved section of such extension or any replacement of the water distribution system shall be properly disinfected. Prior to disinfection, all dirt shall be removed by thorough flushing. All valves and appurtenances affected shall be operated while the pipeline is filled with the disinfecting agent. Following disinfection, all treated water shall be thoroughly flushed from the pipeline and bacteriological samples shall be taken to determine the efficiency of the disinfection procedure. Before the system or line is placed in service, two consecutive series of samples ~~that are not collected on the same day~~ must show that the water is bacteriologically safe for drinking purposes. Disinfection and bacteriological sampling shall conform with American Water Works Association, "Standard Specifications for Disinfecting Water Mains," ~~C651-92~~ C651-14, or the latest revision thereof.

XXV. ANNUAL FEES

The annual fees for public water systems provided for in Arkansas Statutes § 20-28-101 et seq are established at ~~\$0.30~~ \$0.40 per service connection per month for community and nontransient noncommunity water systems, with a minimum fee of \$250; and at \$125 for transient noncommunity water systems.

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Water Operator Licensing Rules Revisions

Martin Nutt, Water Operator Licensing Program

Revisions and additions to the Arkansas Department of Health's Rules and Regulations Pertaining to Water Operator Licensing in adherence to adopted Arkansas law made during the 2019 legislative session is progressing through the administrative rule change process. The changes in state law are as follows:

Act 820 concerns the occupational licensing of active duty service members, returning military veterans, and their spouses. The requirements of the law require an expedited process of issuing a license if the active duty service member, returning military veteran, or spouse, holds an equivalent occupational license in another state, territory, or district of the United States.

Act 1011 concerns licensing rules when a license is to be reinstated or issued based upon reciprocity. The law places limits upon the requirements that can be placed upon a person petitioning for a reinstatement of their license or issuance of a license based upon reciprocity.

Act 426 concerns issuing of temporary or provisional licenses and to reduce barriers to entrance of qualified workers to the labor market.

Act 990 regarding criminal background concerns for professions and occupations to obtain consistency regarding criminal background reviews and disqualifying offenses for licensure.

Act 315 requires that modified rules and regulations uniformly utilize the word "rule" rather than the "rule" and "regulation" being used interchangeably and perhaps creating confusion.

On August 1, 2019 the Arkansas State Board of Health gave approval for the process for modifying this rule to proceed. The proposed rule was then added to the Agency's webpage showing the rules that are being proposed or modified. The proposed modified rule can be found at this webpage: <https://www.healthy.arkansas.gov/rules-and-regulations>

A mail out of the notice of the public hearing set for October 4, 2019 and a summary of the proposed changes to the rule was mailed to all water license holders on August 30th. A notice of the proposed rule change, public comment period, and public comment hearing was published August 30th in the Arkansas Democrat Gazette.

The next steps will include review by legislative committees and final approval by the Arkansas State Board of Health. It is hoped that this process will be completed by the end of the year.

2019 DWSRF Needs Assessment Begins

Aaron Hilborn, P.E., Engineer Supervisor

The Drinking Water State Revolving Fund (DWSRF) was created in the 1996 amendments to the Safe Drinking Water Act. It is a partnership between EPA and States to provide funding to help ensure safe drinking water is being provided across the country.

Each year Congress appropriates funding for the DWSRF. A percentage of the total appropriation is given to each state based on the most recent Drinking Water Infrastructure Needs Survey and Assessment (DWINSAs). This is called the DWSRF Capitalization Grant. Each state is also responsible for providing a 20% match. This total provides the funding that is available to be used by each state for the year. State's provide low interest loans for drinking water infrastructure projects. As payments are made on these loans, new loans can be given to others allowing this money to "revolve".

Arkansas' current focus is to provide loans for infrastructure improvements that help systems that are currently not in compliance achieve that goal. Current interest rates for Drinking Water State Revolving Loan Funds are shown below:

- 1% for a ten (10) year repayment period
- 1.75% for a twenty (20) year repayment period
- 2.25% for a thirty (30) year repayment period

For Fiscal Year 2019 Congress appropriated \$1,126,088,000 for the DWSRF. Arkansas was awarded approximately 1.5% of this for a total of \$16,555,000. That percentage was based on the 2015 DWINSAs.

The 2019 DWINSAs is currently being kicked off. A thorough review and response in the DWINSAs will help ensure Arkansas receives appropriate funding for the next four-year cycle. These funds are critical to advancing the goals of the SDWA in the state of Arkansas and this process is very important. The Arkansas Department of Health assists with review and submission of the assessment. We appreciate your cooperation and assistance in this task.

For more information about the DWSRF, contact Aaron Hilborn at Aaron.Hilborn@Arkansas.gov or by phone at 501-661-2681.

FLO – Fluoridation Learning Online

Lindy Bollen, Jr., DDS | Director of Oral Health

Fluoridation Learning Online

Earlier this spring, the Center for Disease Control and Prevention (CDC) released a new online training program called Fluoridation Learning Online, or simply FLO. Previously, CDC held a three-day training seminar in Sacramento, CA during the spring and repeated the course in the fall at Murfreesboro, TN. However, this was very limiting for participation due to the expense of travel to one of these two locations as well as the limited time it was offered. To broaden the reach of the program, an intense effort was made to convert the live presentation into this new online version. With its launch in April, FLO is a free resource for anyone to log in, explore and learn more about water fluoridation.

FLO is composed of four different modules. Each module will contain a series of lessons. At the conclusion of each lesson a quiz question is presented to measure comprehension and understanding of the material. A polite response to “try again” is offered should a wrong answer be given. Failure to respond with the correct answer the second time will lead to a redirection to the material in question for further review to complete the learning process.

Each of the first three modules can be completed in less than an hour. In module one, a brief history is shared on the discovery of fluoride in water and how it results in less dental decay. Lessons in this module discuss the process of how a tooth begins to develop tooth decay; what role does fluoride play in reducing cavity formation; how is the fluoride incorporated into teeth that makes decay less likely to occur; and how water fluoridation became one of the top ten public health achievements of the twentieth century.

In module two the lessons address issues fundamental to the promotion of community water fluoridation as a safe, effective preventive program to decrease the burden of dental decay in a community.

Despite over seventy years of the success seen through community water fluoridation, there remains opposition and misleading information against this proven program. Information learned in module two provides talking points that can be beneficial when addressing some of the negativity

that is still promoted and gaining traction through social media.

Module three provides a broad background on water treatment issues related to fluoridating water. Lessons cover system design for new water fluoridation systems; equipment requirements for water fluoridation and treatment systems; trends in system selection relative to the water system size; the best practices when choosing to fluoridate a water system; and selecting a target concentration for the de-fluoridation of water containing high levels of natural fluoride.

The final module, Water Treatment Operations, provides technical information for water fluoridation additives and operations. This in-depth module consists of 12 lessons and may require up to four hours to complete the entire module. All forms of fluoride additives are discussed; dosage and feed rates reviewed; troubleshooting and maintenance; and sampling methods are all reviewed.

Fluoridation Learning Online is hosted on the Arkansas TRAIN Learning Network at <https://www.train.org/ADH/>. The beauty of this online course is you can work at your own pace, save selected passages in your own “favorites” file for future review and stop and/or resume anywhere throughout the program. To discontinue your learning review, simply close out of the program. The next time you open the link to resume, the program will ask if you wish to start over or resume so you can pick up right where you left off. Note: if you start over you literally start over losing all progress previously completed! Once all modules have been completed successfully, TRAIN allows the participant to print a certificate of completion. This refresher course certificate can be a handy method to demonstrate an active role in staying informed about water fluoridation. Operator License renewal direct training credit may be received by completion of the entire course. Submit your course completion documentation to the Water Licensing Program if you wish to receive credit.

Check it out, open module one and look around to familiarize yourself with the process. I hope this new platform will provide clear insights to water fluoridation that will be helpful throughout your career.

Introducing Water Microbiology Sample Data Submission Program

Arkansas' Water Microbiology Lab is one of the highest volume labs in the country receiving over 60,000 samples per year. On an average day, analysts can process approximately 500 samples. Currently, each laboratory sample form is manually logged upon receipt by one person. The data collected on the form is also manually entered by one person into the database. While sample processing takes eighteen to twenty-four hours, there is a 3 to 5 day turnaround time to complete data entry and finalization.

The Water Microbiology Electronic Sample Collection Data Submission Program was developed by the laboratory to streamline the process of submitting compliance samples for testing. Samples submitted using this program reduce the administrative burden on the lab and provide the Public Water System users with a real time view of the sample status as it is processed through the laboratory.

In order to submit samples, you will first need to register at <https://pws.adh.arkansas.gov/>. The link will guide you through the process. Operators and collectors must register individually. You may select multiple water systems under the same account. Account approval will be sent to the email address used during registration.

Once the account has been approved, please use a QR Code reader app on your smart device (phone or tablet) to scan the QR code on the bottle at the time of sample collection. Please note the only method of submitting a sample with this program is by using a QR reader. If you do not have a QR Code reader installed, you can visit the app store for your device. There are many free options available for both IOS and Android. Some devices and operating systems may already include a QR Code reader.

Users will then collect the sample, scan the QR code on the bottle cap, enter the sample's information then ship to the laboratory. (Note: Although paper sample collection forms will be included with each sample bottle, please do not submit the paper form with the samples when electronic data is submitted.) If internet access is not available at the sample site or time of sample collection, then the sample will need to be submitted with the paper collection forms. Users will be able to view in real time if the samples have

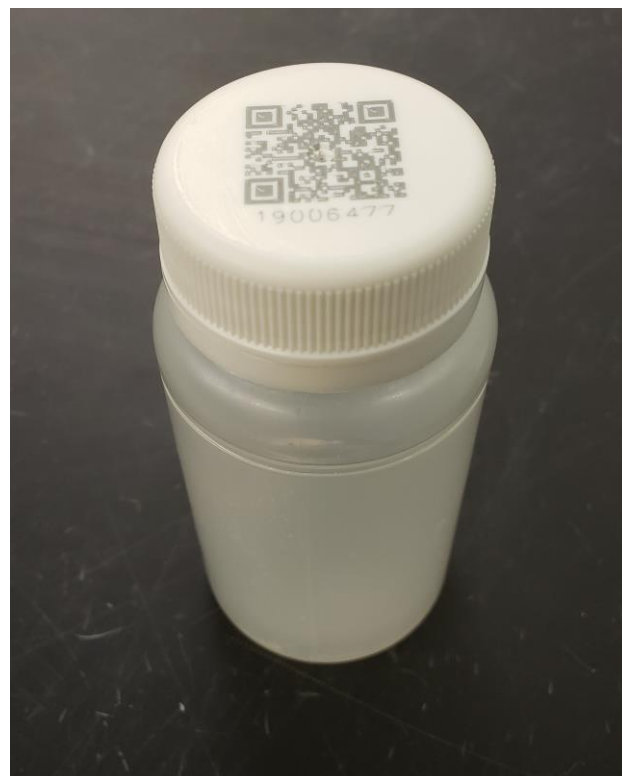
been 1) Submitted; 2) Received by the lab; 3) in Testing; 4) Completed; or 5) Rejected. The program is beneficial to both the laboratory and users as it is paperless, accurate, and fast.

Please note the program is for submission of compliance and raw water samples only utilizing the water system's approved sampling site plan. New Construction, Boil Order and Special Investigative samples will not be able to utilize the system at this time and will require submission with completed paper forms.

For further questions or information, please email Safewater@arkansas.gov or contact your district staff at:

Arkansas Department of Health
Engineering Section
4815 West Markham Street
Little Rock, Arkansas 72205
Phone (local): 1-501-661-2623
Phone (toll-free): 1-800-462-0599
Fax: 501-661-2032

Registration Web
Site: <https://pws.adh.arkansas.gov/>



Bacteriological Bottle with QR Code

REPORT OF THE Arkansas Drinking Water Advisory and Operator Licensing Committee

Martin Nutt, Training and Certification Officer

A quarterly meeting of the Arkansas Drinking Water Advisory and Operator Licensing Committee (Committee) was held on July 25, 2019.

Members present:

Aaron Benzing, P.E., Chair, Hawkins Weir Engineers (2021)
Lance McAvoy, Fort Smith Utility (2024)

Member Absent:

Lashun Massey, Ph.D., P.E., UA Little Rock (2022)

Department of Health (ADH) Staff & Guests present:

Reginald Rogers, Attorney, ADH
Ida L Hampton, Administrative Specialist, ADH
Ricky Cole, Arkansas Environmental Training Academy

Scott Boggs, Searcy Board of Water Utilities (2023)
Jeff Stone, P.E., Executive Secretary; ADH

Martin Nutt, Training and Cert Officer, ADH
Dennis Sternberg, Arkansas Rural Water Association

Jeff Stone called the meeting to order and welcomed all present to the Committee meeting. He introduced Jeff Ford, Manager, Kimzey Regional Water District as the Committee's newest member. The Committee held officer elections, electing Benzing as Chair and electing Massey as Chair Elect. The Committee approved the April 11, 2019 meeting minutes.

Rogers provided the Committee a new member orientation session. Rogers reviewed the responsibilities of Committee members. He provided each Committee member a *Board Member Handbook*, produced by Attorney General Leslie Rutledge. He briefly reviewed it noting their three roles under licensing boards which are licensure, compliant resolution, including discipline, and rulemaking. He reviewed the Committee's requirement to meet the Arkansas Freedom of Information Act outlining its primary points of concern related to the Committee's work. He advised the Committee they had general immunity for actions related to Committee work. He then reviewed the Committee's responsibility under the Administrative Procedures Act as it relates to disciplinary investigations and hearings noting the Committee makes recommendation to the Board of Health.

OLD BUSINESS

Nutt updated the Committee on the 2019 license renewal progress. He noted renewals were going well with roughly 585 renewals not submitted. Originally, 3,475 licenses were invoiced for renewal. He estimated that there were still around 600 renewals in review, either needing initial review, further research into their training hours or clarification on water systems operated. He reported that penalty invoices would be invoiced August 1 and mailed, serving as a second notice to renew, a final renewal effort will be non-renewed licenses being listed in an upcoming newsletter.

(The list is in this newsletter.) He closed noting this renewal allowed, for the first time, for renewal fees to be paid on-line with a credit card, with the process going fairly smoothly and an estimated 10 percent utilizing the process. He expects credit card use to increase in future renewals.

NEW BUSINESS

Stone addressed revisions to the "Rules and Regulations Pertaining to Public Water Systems" by providing a summary of the revisions to the Rules Pertaining to Public Water Systems. He noted that with the passage of Act 788 authorizing the service fee to increase to \$0.40 per meter per month created a need to revise the Rules. He stated the proposed revisions would be taken to the Board of Health at its meeting next week, on August 1, 2019. He then requested the Committee to consider supporting the revisions and discussed the various revisions. Act 315 requires the use of the term "Rules" not "Rules and Regulations". One proposed revision is to assist our smallest Transient Non-Community systems to comply with the requirement for all equipment and chemicals to comply with ANSI/NSF 60 and 61. It is proposed to revise that requirement to allow these very small systems to utilize alternate ANSI/NSF approved equivalent equipment and chemicals which are approved for residential use. The sizing of this equipment is a better fit for these small systems.

He then discussed proposed revisions in reference to disinfecting storage tanks and pipelines. The storage tank is updating the AWWA "Standard for Disinfection of Water Storage Facilities" from AWWA C652-92 to C652-11. The pipeline disinfection changes from the AWWA "Standard for Disinfecting Water Mains C651-92 to C651-14 will change bacteriological sampling protocol, it will allow sampling to meet the sampling requirements of the Standard by removing the requirement that the "samples not be collected on

the same day". The new standard has a protocol with time periods met in less than one day. A discussion followed that both disinfection and sampling need to be stressed in the revision, Stone agreed to add the revision. McAvoy motioned to concur with the proposed revisions to the Rules Pertaining to Public Water Systems as revised. Ford seconded the motion and it was passed by the Committee.

Nutt addressed revisions to the Rules and Regulations Pertaining to Water Operator Licensing indicating like the PWS Rules the first revision was to strike "Regulations" making them "Rules". He provided excerpts of the revised sections of the Rules and reviewed the primary revision. The revision was a significant rewriting of Section XII.C Reciprocity with the revisions all being mandated "boiler plate" language required by Legislative Acts. He stated the revisions would complicate the reciprocity/endorsement process, but the revisions primarily put into the Rules procedures already being followed for reciprocity requests. Boggs motioned to concur with the proposed revisions to the Rules Pertaining to Water Operator Licensing. McAvoy seconded the motion and the Committee passed it.

Nutt reviewed the 2019 EPA OpCert Guidelines Report which reports how the Water Operator Licensing Program meets the SDWA Act, OpCert Program Guidelines of the Capacity Development Program. He reviewed the report, noting his greatest concern is meeting the program review guideline, the Committee's involvement in the program is relied upon heavily to meet this guideline. He answered several Committee questions with McAvoy motioning to concur with the Report. Boggs seconded the motion and it was passed by the Committee.

Nutt reviewed the Michigan Water License program reciprocity chart. The chart allowed license transfers for most licenses, some required certain license combinations be held, and required the ADH Compliance Course be attended. After review and Committee discussion, Boggs motioned to approve the chart, Ford provided the second, and the Committee passed the motion.

COMMITTEE REPORTS

Stone in his Section Director's Report reported the Section's budget was looking up with the recently passed fee increase. The new fees should allow the ADH Labs to gear up for UCMR5, which requires all system serving populations above 3,300 being required to monitor, with a representative group of smaller systems monitored. He understands that UCMR5 will include PFA's.

PFA's were included in UCMR3 in which Arkansas only had two positive samples. He expects that the UCMR5 PFA's sampling will be at lower detection limits. He is hopeful the Public Health Labs will have PFA analysis capability.

Stone in his Program report noted the high turnover rate of staffing and the operational concerns that come with it. Recent hires have been very encouraging, and the Section is closer than in a long time to being fully staffed.

Nutt in his license update report provided a handout detailing exam performance information. He reviewed rates for each exam, noted that buried in the numbers were first time passers overshadowed by many repeat exam takers. He stated he was continuing to stress that studying the manuals was imperative.

Nutt in his enforcement plan update report provided a handout to the Committee detailing enforcement actions, which has more systems advancing into upper enforcement efforts. Discussion followed about certain systems and methods used to comply.

Nutt in his general program update stressed the program's processing times for applications, exam results, and licenses, were suffering due to the workload renewal creates.

Cole provided the Arkansas Environmental Training Academy Report reporting that for the period July 1, 2018 through June 30, 2019 the academy trained 815 students for 1,280 contact hours in 76 classes. He then noted renewal training which included direct and indirect credit courses had 2,862 students for 4,393 hours and 248 classes.

Sternberg provided the Arkansas Rural Water Association written training report detailing their training classes and attendance data for January through July 19, 2019. He invited everyone to ARWA's Annual Conference, September 15-17, 2019. He announced that on Monday of the conference EPA will be providing their one-day Cyber Security Workshop.

OTHER BUSINESS

Having no other business, the Committee set its next meeting at its regularly scheduled date of October 10, 2019, received a motion to adjourn and adjourned the meeting.

2019 Water Licensing Renewal

You Should Be Renewed

The 2019 License Renewal process is in its final stages. All renewals received have been processed. Renewal wallet cards have been mailed or renewal withheld notices provided. Do you have your 2021 expiration date card(s)?

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(s), with a June 30, 2021 expiration date.

If you have not submitted 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

If you are short renewal hours, the Regulations allow hours to be obtained until June 30, 2020 to meet the 2019 renewal requirements. Training schedules are on the internet at: <http://www.healthy.arkansas.gov/eng/autoupdates/oper/opcertlinks.htm> Licenses not reinstated by June 30, 2020 are lost/voided.

In one last effort to reach operators who have not renewed their licenses, please see in this newsletter a listing of operators that are not renewed. Renewal notices for water licenses with a license expiring June 30, 2019, were mailed renewal invoices, to the water license address of record. If your license expires June 30, 2019 and you have not received your renewal invoice, please contact the water licensing program.

Please remember, this is your license, it is not your water system's license or your system's 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 lost if not renewed. It is you that will be taking the license exam to get your license back.

Help Needed – Exam Processing Concerns

The Water Operator Licensing Program needs your help with the license exam process. The program has these license exam procedure concerns:

License applications need to be filed at least 60 days in advance of an exam. An operator takes several exam preparation steps, filing a license application 60 days before the exam should not be a hardship.

An exam candidate must register for the exam. Submitting the license application does not register the operator for an exam. Registering for the exam is not an application for a license. These are two separate steps.

The most convenient and reliable method to register for an exam is online at this webpage: https://health.arkansas.gov/wa_engTraining/ExamType.aspx By using the registration webpage, you receive immediate confirmation of the exam registration, as well as an email confirming registration.

If it is necessary to repeat the same exam, a re-exam fee of \$25.00 is required. A second application, with a \$35.00 fee, is not required. When submitting re-exam fee payment, the re-exam fee invoice provided with your exam results notification letter or an application form with re-exam fee checked should be included. When only a check is received the processing of the check is problematic. Also, the fee cannot be paid on-line.

The first time an exam is to be taken, attendance of the mandatory training must be documented as met. The best way to document attendance is to submit copies, by fax or scanned copy attached to an email, of each course completion certificate. If emailing certificates, please email to ADH.Water.Licensing@Arkansas.gov.

NOTICE

The Arkansas Department of Health/Office of Oral Health has grant money available to upgrade old and outdated water fluoridation equipment. If you are interested, please send the following documents: engineering plans/schematic for engineering approval, a list of materials to be purchased for the project, and a letter of interest printed on municipal stationary. For more information, contact the director of the Office of Oral Health:

Lindy Bollen, Jr., DDS
Lindy.Bollen@arkansas.gov 501.280.4111

OPERATORS NOT RENEWED 2019

List as of September 18, 2019, all are eligible to reinstate until June 30, 2020.

Many may not intend to reinstate due to retirement, left the industry, etc. Operators requesting to not renew not listed.

LICENSEE NAME	CITY
ADAMSON JERRY	OSCEOLA
AHLQUIST NATHAN	RUDY
ALDRIDGE HARLIN	STAR CITY
ALEXANDER MICHAEL	WEST HELENA
ALLEN ANSELM	SUBIACO
ALLEN KENNETH	AVOCA
ALSTON BILLY	MALVERN
AMOS DONALD	GENTRY
ANSTINE WAYNE	FAYETTEVILLE
ARMSTRONG CHARLES	STAR CITY
ARMSTRONG KENNETH	EUDORA
ASHLEY JIMMY	BENTON
BALENTINE FLOYD	CONWAY
BALLARD ROGER	HIGGINSON
BARRETT JACOB	GLENWOOD
BARTON MARYLYN	HEBER SPRINGS
BEAVERS JIMMY	FAYETTEVILLE
BERNDT KENNETH	EUREKA SPRINGS
BIDDLE VINCENT	ROSTON
BLACK NEAL	CAMDEN
BLANKENSHIP DANNY	PINE BLUFF
BOATMAN JOHNNY	MANILA
BOND JAMES	PINE BLUFF
BOTTOMS ROBERT	ELKINS
BRANCH TONY	PINE BLUFF
BRANSCUM TYLER	GREERS FERRY
BRANTLEY KENNETH	POINEER
BREWER JASON	MULBERRY
BRICE BILLY	MORRILTON
BRIDGES PAUL	HENSLEY
BRITTON MALISSA	JUDSONIA
BROWN DOUGLAS	MTN HOME
BROWN WESLEY	GREERS FERRY
BRYANT TODD	COAL HILL
BUNT WILLIAM	TRASKWOOD
BURLEY CHRISTOPHER	MAGNOLIA
BURR WILLIAM	BENTONVILLE
BURRIS JESS	BEE BRANCH
BURROUGHS KERRY	MALVERN
BUSCH JARED	MAMMOTH SPRING
BYRD TRACY	MALVERN
CALDWELL JAKE	JUNCTION CITY
CAMERON DAVID	REPUBLIC
CANARD TRAVIS	OIL TROUGH
CARTER ROBERT	CLARKSVILLE
CASALMAN RANDALL	WYNNE
CHANEY JOSHUA	DELMAR
CHATMAN JAMES	HARRISBURG
CHERRY CHRISTOPHER	CLARKSVILLE
CHESHER JAMES	ARKOMA
CLARDY JONATHAN	BELLA VISTA
COATS THOMAS	PROCTOR
COFFEE KATHRYN	NASHVILLE
COPLIN TIMOTHY	EUREKA SPRINGS
CORRIGAN WILLIAM	SPRINGDALE
COTTON JEFF	GREENBRIER
CRAIG DAVID	EMERSON
CRAWFORD BRANDON	BRADFORD
CREWS JOSHUA	SEARCY
CROSBY LUCAS	CHERRY VALLEY

LICENSEE NAME	CITY
CROY CHARLES	JEFFERSON
CURETON MICHAEL	CASH
DALE JONATHAN	FISHER
DANIEL WILLIAM	POCAHONTAS
DEBES JACOB	OZARK
DEJARNATT JON	MALVERN
DEMMITT SHELTON	DOVER
DIXON AMANDA	MORRILTON
DOHRMAN MARK	COTTER
DOLLAR LARRY	SHIRLEY
DORN MICHAEL	WHITE HALL
DOVER LESLIE	PINE BLUFF
DOWDY TRENT	PARAGOULD
DRYE SHANE	PINE BLUFF
DUNLAP GARY	JEFFERSON
DUNN RYAN	MTN HOME
DUVALL EDDIE	POTTSVILLE
EAKIN KEVIN	DOVER
EDERINGTON JAMES	HERMITAGE
EDMONDS CHARLES	HOT SPRINGS VIL
EDWARDS BILLY	MAMMOTH SPRING
ELLIS RANDY	OZARK
ELLISON JAMES	PINE BLUFF
ENGBRETSON MATTHEW	PEARCY
ENGLAND KEVIN	BATESVILLES
ERICSON LLOYD	BELLA VISTA
EUBANKS JACOB	JONESBORO
EVANS JOSHUA	HOT SPRINGS
EVATT RAYMOND	CONWAY
EVERSOLL JONATHAN	BEE BRANCH
FERNALD ANTHONY	HOT SPRINGS
FIDURA MARTIN	SOUTHAVEN
FILDES JAMES	HARTFORD
FOSTER JOSEPH	HAMBURG
FREEMAN WAYNE	DUMAS
FRISBY ERIC	EL DORADO
FULLER CHRISTOPHER	GLENWOOD
FURLOW ROBERT	OGDEN
GAGE TRAVIS	FORT SMITH
GILES MISTY	PYATT
GOBLET ERIC	MAMMOTH SPRING
GOLDEN LESLIE	KIRBY
GOODMAN GREGORY	PINE BLUFF
GREEN JAMES	POCAHONTAS
GREER WILLIAM	EARLE
HACKWORTH MICHAEL	MAYNARD
HAFNER CHARLES	BIG FLAT
HALE BILLY	BLYTHEVILLE
HALL GALEN	MOUNTAIN VIEW
HALL MICHAEL	RUSSELLVILLE
HALMES TIMOTHY	OZARK
HANKINS CHRISTIAN	WHITE HALL
HARDIN DAVID	BOONEVILLE
HARMON BLAKE	BRADFORD
HARMON DENNIS	BENTONVILLE
HARRIS KEITH	MIDWAY
HARTLERODE WAYNE	COMPTON
HARTSFIELD TOM	SEARCY
HAVENS ERIC	GREENBRIER
HERNANDEZ PRESTON	ATKINS

LICENSEE NAME	CITY
HICKS ALBERT	HUNTINGTON
HICKS RONNIE	PEA RIDGE
HIGHTOWER BARRY	LITTLE ROCK
HILL GEORGE	FORT SMITH
HILL JAMES	BOONEVILLE
HILTON DANIEL	HARDY
HOBBS ASHLEY	LITTLE ROCK
HOEK BILL	VANDERVOORT
HOLYCROSS BRIAN	FORT SMITH
HORTON DUANE	LEAD HILL
HOWARD JASON	POTTSVILLE
HUM GARY	CONWAY
JACKSON RANDY	CALE
JACKSON SAMMIE	WABASH
JEFFERY RICHARD	BATESVILLE
JINKS TRAVIS	HUMNOKE
JOHNSON ELIZABETH	WINTHROP
JONES JEFFREY	WHITE HALL
JONES SCOTT	TRUMANN
KELLEY MICKEY	SELIGMAN
KENNINGTON MARVIN	FOREMAN
KIRBY SY	ROGERS
KOPP JONATHAN	WALNUT RIDGE
KRIEGER ADAM	MOUNTAIN VIEW
LACEY JAMES	FORT SMITH
LAGIOS THOMAS	EL DORADO
LAMAY PRESTON	GARLAND CITY
LAWRENCE JOSEPH	MAYFLOWER
LEVY JOSHUA	ALEXANDER
LEWIS JERRY	FAYETTEVILLE
LIBBY DARREN	ROGERS
LIECHTY STEPHANIE	LITTLE ROCK
LOBBS RICHARD	MOUNTAIN PINE
LOGAN KENNETH	MTN HOME
LONG JONATHAN	LITTLE ROCK
LONG ROBERT	CONWAY
MADDON TOMMY	HOT SPRINGS
MAHAR STEVE	CONWAY
MARTIN EDWIN	BULL SHOALS
MASSEY DILLON	DOVER
MASSEY KENNETH	HOT SPRINGS
MATTSOON ARON	LONOKE
MAWHINNEY WILLIAM	MAYFLOWER
MAY JOSHUA	HOT SPRINGS
MCALISTER JAMES	CRAWFORDSVILLE
MCCOY DUSTY	MALVERN
MCENTIRE CODY	VILONIA
MCCEE DENNIS	HEBER SPRINGS
MCGUIRE SCOTT	SPRINGDALE
MCKIBBEN DANIA	STIGLER
MCKINZIE GUY	TUTTLE
MCKNIGHT SHANNON	WYNNE
MCMAHAN RODNEY	CAMDEN
MCMAHEN JOEL	MAGNOLIA
MCMASTERS DAVID	CORNING
MCNAIR DAVID	COLCORD
MCNATT LARRY	MAGNOLIA
MEACHAM WAYNE	LITTLE ROCK
MERRITT TERRY	COLUMBIA
MIESNER PHILLIP	PINE BLUFF

LICENSEE NAME	CITY
MILLS BRYAN	SAINT JOE
MOORE JOHNNY	MAGNOLIA
MOORE JOSEPH	MANSFIELD
MORGAN MARLON	MALVERN
MORGAN ROBERT	SPRINGDALE
MORRIS FRANK	LITTLE ROCK
MORTON SETH	POCOLA
MOTHERSHED JASON	HOT SPRINGS
MURPHREE ALFRED	TILLAR
MYERS RONNIE	BLYTHEVILLE
NIXON JAMES	BISMARCK
NORBURY KENNETH	BARLING
NORMAN RONALD	PEARCY
NORWOOD KENDALL	CONWAY
O'NEAL DON	WYNNE
OSMON DANIEL	HIGGINSON
OXNER DWIGHT	BEEBE
PALMER WILLIAM	CLARKSVILLE
PARKER JEFFREY	TOPEKA
PARKER MICKEY	HUTTIG
PARSONS DWAIN	SPRINGDALE
PATTERSON PATRICK	BERRYVILLE
PAYTON TERRY	RUSSELLVILLE
PENDERGRAST DENNIS	OSCEOLA
PENNEY RONALD	CADDO VALLEY
PETERS STEVEN	FORT SMITH
PHILLIPS GEORGE	LITTLE ROCK
PLANK KENNETH	MULDROW
PLY STEPHEN	WACO
POLLARD JIMMY	WICKES
POLSTON WESLEY	JACKSONVILLE
POOLE JAYSON	JASPER
PORCH III RAYMOND	BATESVILLE
POSEY BILLY	MENA
POTEETE WILLIAM	QUEEN CITY
PRICE MELISSA	ASHDOWN
PRINCE SHERMAN	DONALDSON
PYE ROBERT	ARKADELPHIA
QUALLS LOUIS	SALESVILLE
QUINN KEVIN	EUREKA SPRINGS
REAMS VERNON	GENTRY
REED JOHN	YELLVILLE
REEDER REGINALD	NASHVILLE
REID ERIC	FORT SMITH
RHODS JACOB	MCALLEN
RICHARDSON JOHN	BATESVILLE
RILEY DAVID	CAMDEN
RITCHIE KENNETH	MONUMENT

LICENSEE NAME	CITY
ROAN CHRIS	CROSSETT
ROBBINS STEVE	RISON
ROBBINS WAYNE	FARMINGTON
ROBERTS JASON	MALVERN
ROBERTSON JONATHAN	ALVIN
ROGERS JON	LOWELL
ROWE JEREMY	FORDYCE
RUSSELL JEFFERY	CROSSETT
SACKETT JAMES	HIGDEN
SAMPLES JAMES	EMERSON
SAUNDERS GERALD	SEARCY
SAUNDERS RICH	GARFIELD
SBANOTTO JAMES	SILOAM SPRINGS
SCHATZ CHARLES	BENTONVILLE
SCHULTZ MARC	DOVER
SCOTT JAMES	HARTMAN
SHEPARD GARY	BENTON
SIMMONS ROBERT	BENTON
SIPE MIKE	WARD
SIPES GARY	RISON
SLOAN MARVIN	ROYAL
SMITH BILLY	DARDANELLE
SMITH DANNY	PINE BLUFF
SMITH MARK	EL DORADO
SNIPES FRED	CEDARVILLE
SOUTHERN GARY	ODEN
ST JOHN MICHAEL	BATESVILLE
ST JOHN NATALIE	BATESVILLE
STAGGS STEWART	WALDRON
STAHLMAN WILLIAM	BULL SHOALS
STEPHENS RODNEY	NTH LITTLE ROCK
STOKES DARRELL	WEST MEMPHIS
STONE BRADLEY	HARRISON
STORY MICHAEL	ARKADELPHIA
STRAWN GREGORY	NASHVILLE
STUDE GAYLE	YELLVILLE
TALAMANTEZ JUSTIN	HOT SPRINGS VIL
TALLEY THOMAS	BOISE
TAYLOR ALLEN	PARAGOULD
TAYLOR JUSTIN	AUGUSTA
TERRY KENNETH	FAYETTEVILLE
THIBODEAUX SCOTT	TUMBLING SHOALS
THIGPEN CHRISTOPHER	COLT
THOMPSON DONALD	JEFFERSON
THOMPSON KEVIN	OZARK
TODD JEANNIE	GREENWOOD
TOLLEY TRUDY	FAYETTEVILLE
TRACY FORREST	PETOSKEY

LICENSEE NAME	CITY
TRAMELL JOSHUA	EVERTON
TRAVERS PATRICK	WALDRON
TURNER CRISTOPHER	BOONEVILLE
UPTON STEVEN	EL DORADO
VAN ASSCHE PATRICK	OAKLAND
VAN HORN PERRY	ALMA
VANKIRK JONATHON	WALNUT RIDGE
VARNER GARY	HOLIDAY ISLAND
VAUGHN ASHLEY	CORNING
VINEY MICHELLE	FAYETTEVILLE
VONDRAN JOHN	BENTON
VU DZUNG	FORT SMITH
WADDLE JASON	PINE BLUFF
WADLEY DARRELL	WILLS POINT
WALDO TONY	DOVER
WALKER MATTHEW	PRAIRIE GROVE
WALLACE KASSIM	GREENWOOD
WALLS THOMAS	MABELVALE
WALTHER ZENO	FORT SMITH
WASHINGTON ANTHONY	PINE BLUFF
WASSON ANDREW	PRAIRIE GROVE
WASSON DOUG	HARRISON
WATERS-ANDERS AUSTIN	ALEXANDER
WATSON RANDY	ROGERS
WEAVER RUSSELL	HOUSTON
WESTPHAL CYNTHIA	VAN BUREN
WHEETLEY ARLEY	LITTLE ROCK
WHITE GARRETT	LONOKE
WHITE TOMMY	SHERWOOD
WHITEHEAD JERRY	WHITE HALL
WILLIAMS BEN	GURDON
WILLIAMS DWIGHT	GLENWOOD
WILLYARD JEFFREY	BRYANT
WILSON CASEY	EL DORADO
WILSON JOHN	KNOXVILLE
WINSTON GABRIEL	BASTROP
WORLEY ZACHARIAH	MARSHALL
WRIGHT ADAM	MONTICELLO
WRIGHT CLIFFORD	SHERIDAN
WRIGHT PAMELA	MARKED TREE
WRIGHT WILLIAM	MAGNOLIA
ZACARIAS JORGE	FORT SMITH
ZIMMEREKNER DAVID	MAUMELLE

If you see a friend or coworker give them a friendly reminder to renew.

Renewals Withheld – Inadequate Training Documented

(List as of September 18, 2019)

All are eligible to reinstate until June 30, 2020 by documenting required hours have been obtained.

Licensee Name	City
GARY ANDERSON	DEQUEEN
RAYMOND AVERY	LOWELL
JAMES COX	GREENWOOD
RONNIE CRAWFORD	EL DORADO
DANNY DEARING	LOWELL
DOUGLAS FARRIS	FORT SMITH
DWIGHT HENDERSON	JACKSONVILLE
KENNETH HOWK	BATESVILLE
HOWARD JONES	MALVERN

Licensee Name	City
RICK JONES	MARIANNA
RUSTY JONES	MONTICELLO
WILLIAM KELLUM	WYNNE
WILLIAM LONGINO	STEPHENS
WILLIAM MASON	BENTON
MARK MCDONALD	ROGERS
BLAKE MCFARLAND	JONESBORO
DUSTIN PAYNE	VIOLET HILL
KIMBERLY REDO	MOUNTAINBURG

Licensee Name	City
REGINALD REEDER	NASHVILLE
LELAH RENO	CASA
SYLVESTER ROSE	POPLAR GROVE
KYLE SHORT	REDFIELD
JAMES SUTTERFIELD	SHIRLEY
ANDREW TILLMAN	GARFIELD
JOSHUA TRAMELL	EVERTON
STEVEN TROYKE	DARDANELLE
JOHNNY VILLINES	HINDSVILLE

WATER OPERATOR LICENSES ISSUED

June 1, 2019 through August 31, 2019

LICENSEE NAME	GRADE/TYPE	SYSTEM NAME
ADAIR LLOYD	T - II	FORT SMITH WATER UTILITIES
BALLARD JAMES	T - II	LEACHVILLE WATERWORKS
BIRGE WAYNE	D - III	CENTRAL ARKANSAS WATER
BLACKMAN DONNIE	D - II	MCGEHEE WATERWORKS
BROWN BRANDON	D - IV & T - I	SPRINGDALE WATER UTILITIES
BULLARD AUSTIN	T - I	ATKINS WATER SYSTEM
CLUBB DUSTY	D - II	LAMAR WATERWORKS
COHEN DANIEL	D - VSS	HOSANNA HEIGHTS WATER
CONVERSE JAMES	D - I & T - III	POCAHONTAS WATERWORKS
COOMBES CHRISTOPHER	D - III	OAK GROVE WATER ASSOCIATION & VAN BUREN WATERWORKS
CULLIPHER JORDAN	T - I	LEWISVILLE WATERWORKS
DAVIS JACOB	T - I	FORT SMITH WATER UTILITIES
DAVIS SHANNON	T - I	USCOE OC - BRADY MTN & LITTLE FIR
DICKEY ALAN	D - IV & T - IV	CENTRAL ARKANSAS WATER
EFURD STEPHAN	T - IV	KIMZEY REGIONAL WATER DISTRICT
FARMER DEREK	T - II	AHTD HARRISON 9 HEADQUARTERS & AHTD MARION COUNTY
FIELDS DARREN	D - I	MULBERRY WATERWORKS
FOSTER DILAN	D - I	ELKINS WATERWORKS
GERKEN KEVIN	D - III	NO PWS LISTED
HAAG RICHARD	D - III	SILOAM SPRINGS WATERWORKS
HAMILTON STEVEN	T - I	FORT SMITH WATER UTILITIES
HAMMONTREE WILLIAM	D - I	CENTERTON WATERWORKS & HIGHFILL WATER DEPARTMENT
HART JOHNNY	D - II	POTTSVILLE WATER ASSOCIATION
HEFLEY LARRY	D - II	HOT SPRINGS VILLAGE WATER
HENSLEY CORY	D - IV	TEXARKANA WATER UTILITIES
JENKINS RONNIE	D - III	CENTRAL ARKANSAS WATER
JENNINGS GORDON	D - IV	SPRINGDALE WATER UTILITIES
KEETON JAMES	T - II	AHTD HARRISON 9 HEADQUARTERS & AHTD MARION COUNTY
KING EDDIE	D - I & T - I	HOT SPRINGS VILLAGE WATER
KISSACK STEPHANIE	D - IV	SPRINGDALE WATER UTILITIES
LAWRENCE BOBBY	D - III	MOUNTAIN VIEW WATERWORKS
MALONE SAM	D - I	GENTRY WATERWORKS
MCFERRAN BILLY	D - IV	FORT SMITH WATER UTILITIES
MCKINNEY CHRISTOPHER	D - IV & T - IV	TEXARKANA WATER UTILITIES
MITCHELL BRETT	D - I	OAK GROVE WATER ASSOCIATION & VAN BUREN WATERWORKS
MORRIS WILLIS	D - II & T - II	DOVER WATERWORKS
MYERS ZACHARY	D - II	TRI-COUNTY WATER DISTBR DIST
NEU JEFFREY	D - IV	FORT SMITH WATER UTILITIES
PENSE DIRK	D - I	ELKINS WATERWORKS
PREVOE HAL	D - I	WALDO WATERWORKS
REMSEN TONY	T - I	SPARKMAN WATERWORKS
SEELEY STEVEN	D - I	LEAD HILL WATERWORKS
SHAWVER CHASE	D - I	GENTRY WATERWORKS
SIMS BRETT	T - I	WEST MEMPHIS WATERWORKS
SMITH JEFFERY	T - II	WYNNE WATERWORKS
STRICKLAND JESSE	D - III	SILOAM SPRINGS WATERWORKS
THIBODEAUX JR RICHARD	D - I	TAYLOR WATERWORKS
WEIHRAUCH DAVID	D - IV & T - IV	NO PWS LISTED
WHITE KENT	D - IV	EAST JOHNSON CO WATER ASSN
WOODRUFF KRISTOPHER	T - IV	NASHVILLE WATERWORKS

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 with License application filed at least 60 days before the exam. To register on the internet, go to www.healthy.arkansas.gov/eng and click on Operator Certification, then select Register- Water License Exam.

Listed below are the dates and locations of examination sessions as scheduled, as of **September 20, 2019**. 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
12/6/2019	10/22/2019	Fayetteville	Fayetteville Operations Center, 2435 S Industrial Dr	9:00 AM
12/6/2019	10/22/2019	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00 AM
12/6/2019	10/22/2019	Nashville	Carter Day Center, 200 Lake Nichols Drive	9:00 AM
12/13/2019	10/29/2019	Camden	AR Environmental Training Academy, 100 Carr Road	9:00 AM
12/13/2019	10/29/2019	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	9:00 AM
12/13/2019	10/29/2019	Jonesboro	Jonesboro CWL Office Training Rm, 400 E Monroe	9:00 AM
3/5/2020	1/21/2020	Mtn. Home	Baxter Co OEM Training Facility, 170 Dillard Dr, Midway	9:00:00 AM
3/5/2020	1/21/2020	Rogers	Rogers Water Utility Training Rm, 521 South 2nd St	1:00:00 PM
3/6/2020	1/21/2020	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00:00 AM
3/6/2020	1/21/2020	Fayetteville	Fayetteville Operations Center, 2435 S Industrial Dr	9:00:00 AM
3/13/2020	1/28/2020	Camden	AR Environmental Training Academy, 100 Carr Road	9:00:00 AM
3/13/2020	1/28/2020	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	9:00:00 AM
3/13/2020	1/28/2020	Jonesboro	Jonesboro CWL Office Training Rm, 400 E Monroe	9:00:00 AM
4/29/2020	3/16/2020	Hot Springs	AWW&WEA Annual Conf, HS Convention Center	9:00:00 AM
6/4/2020	4/21/2020	Rogers	Rogers Water Utility Training Rm, 521 South 2nd St	1:00:00 PM
6/5/2020	4/21/2020	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00:00 AM
6/5/2020	4/21/2020	Nashville	Carter Day Center, 200 Lake Nichols Drive	9:00:00 AM
6/5/2020	4/21/2020	Fayetteville	Fayetteville Operations Center, 2435 S Industrial Dr	9:00:00 AM
6/12/2020	4/28/2020	Camden	AR Environmental Training Academy, 100 Carr Road	9:00:00 AM
6/12/2020	4/28/2020	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	9:00:00 AM
6/12/2020	4/28/2020	Jonesboro	Jonesboro CWL Office Training Rm, 400 E Monroe	9:00:00 AM
9/3/2020	7/21/2020	Mtn. Home	Baxter Co OEM Training Facility, 170 Dillard Dr, Midway	9:00:00 AM
9/3/2020	7/21/2020	Rogers	Rogers Water Utility Training Rm, 521 South 2nd St	1:00:00 PM
9/4/2020	7/21/2020	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00:00 AM
9/4/2020	7/21/2020	Fayetteville	Fayetteville Operations Center, 2435 S Industrial Dr	9:00:00 AM
9/11/2020	7/28/2020	Camden	AR Environmental Training Academy, 100 Carr Road	9:00:00 AM
9/11/2020	7/28/2020	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	9:00:00 AM
9/11/2020	7/28/2020	Jonesboro	Jonesboro CWL Office Training Rm, 400 E Monroe	9:00:00 AM
9/16/2020	8/3/2020	Hot Springs	ARWA Conference, HS Convention Center	9:00:00 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 and complete 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. Application for License is not registration for an exam. Please file application at least 60 days prior to the exam. If repeating same exam, please remit \$25.00 exam fee using provided invoice at time of exam registration.

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 manuals/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.

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 Math	10/1/19	10/1/19	8:00 AM	Little Rock	CAW Clearwater Complex, 11 Clearwater Drive	AETA
Applied Water Math	10/2/19	10/2/19	8:00 AM	Little Rock	CAW Clearwater Complex, 11 Clearwater Drive	AETA
ADH PWS Compliance	10/3/19	10/3/19	8:00 AM	Little Rock	CAW Clearwater Complex, 11 Clearwater Drive	ADH
Intermediate Distribution	10/14/19	10/27/19	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Advanced Distribution	10/15/19	10/17/19	8:00 AM	Rogers	Rogers Water Utility, 521 South 2nd Street	AETA
Basic Water Distribution	10/22/19	10/24/19	8:00 AM	Camden	AR Env Training Academy, 4615 Spellman Road	AETA
Intermediate Treatment	10/22/19	10/24/19	8:00 AM	Bono	Contact ARWA for location	ARWA
Advanced Treatment	10/28/19	11/10/19	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Intermediate Distribution	11/5/19	11/7/19	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
Intermediate Treatment	10/29/19	10/31/19	8:00 AM	Russellville	Tri-County Water, 5306 N Arkansas Ave	AETA
Basic Water Math	11/5/19	11/5/19	8:00 AM	Jonesboro	Operations Facility, 105 W Johnson Ave	AETA
Applied Water Math	11/6/19	11/6/19	8:00 AM	Jonesboro	Operations Facility, 105 W Johnson Ave	AETA
ADH PWS Compliance	11/7/19	11/7/19	8:00 AM	Jonesboro	Operations Facility, 105 W. Johnson Ave.	ADH
Advanced Distribution	11/11/19	11/24/19	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Water Treatment	11/12/19	11/14/19	8:00 AM	Little Rock	CAW Clearwater Complex, 11 Clearwater Drive	AETA
Intermediate Treatment	11/19/19	11/21/19	8:00 AM	Camden	Operations Facility, 105 W Johnson Ave	AETA
Advanced Treatment	11/19/19	11/21/19	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
Applied Water Math	12/2/19	12/15/19	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Water Math	12/2/19	12/15/19	TBD	Internet	http://www.sautech.edu/aeta/schedule.aspx	AETA
Basic Math - Night Class	12/2/19	12/5/19	TBA	Little Rock	CAW Clearwater Complex, 11 Clearwater Drive	AETA
Basic Water Treatment	12/3/19	12/5/19	8:00 AM	Texarkana	Texarkana Water Utility, 801 Wood St.	AETA
Advanced Distribution	12/3/19	12/5/19	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
Basic Water Math	12/10/19	12/10/19	8:00 AM	Camden	AR Env Training Academy, 4615 Spellman Road	AETA
Applied Water Math	12/11/19	12/11/19	8:00 AM	Camden	AR Env Training Academy, 4615 Spellman Road	AETA
ADH PWS Compliance	12/12/19	12/12/19	8:00 AM	Camden	AR Env Training Academy, 4615 Spellman Road	ADH

Most current and future training schedule is posted at this website:

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

2020 training schedule will be posted at above website when available from trainers.

Major Monitoring, MCL, Treatment Technique, & Licensing Violations

Community & Nontransient Noncommunity Public Water Systems, April - June 2019

ADC EAST ARKANSAS REG.	PN 5	HUNTINGTON WW	DBPR 4, 5, 6
AHTD MARION COUNTY	OperLic 4, 5, 6	HUNTINGTON WW	Dmon 4
ALTHEIMER WATERWORKS	PN 4	HUTCHINSON REALTY	IMCL 4, 5, 6
ASP MOUNT MAGAZINE	Bmon 5	HWY 64 WATER ASSN	Bmon 5
ASP MOUNT MAGAZINE	OperLic 6	HWY 64 WATER ASSN	PN 4, 5
BALD KNOB NORTH	Bmon 5	JACKSONPORT WW	Bmon 5, 6
BARTON-LEXA	Bmon 4	JACKSONPORT WW	DBPR 6
BAUXITE	Bmon 6	JLM VA HOSPITAL	DBPR 5
BELLEVILLE	DBPR 4, 5, 6	JOHNSON TOWNSHIP	PN 6
BEN LOMOND	PN 4	KEISER WATERWORKS	PN 5, 6
BOIS D'ARC	Bmon 6	LAKE CHICOT WATER ASSN	Dmon 5
BRECKENRIDGE UNION	Bmon 4	LAVE VIEW MUNICIPAL	Bmon 4
CALHOUN COUNTY WATER	PN 4	LAKE VIEW MUNICIPAL	GWRmon 4
CARLISLE WATERWORKS	Bmon 4	LAKESHORE ESTATES	Bmon 5, 6
CAVE SPRINGS WATER	Bmon 4, 5	LAKESIDE WATER ASSN	DBPR 4, 5, 6
CAVE SPRINGS WATER	OperLic 4, 5, 6	LAURELWOOD HOMEOWNERS ASSN	Bmon 5
CAVE SPRINGS WATER	PN 5, 6	LEE COUNTY WATER ASSN	DBPR 4, 5, 6
CHIDESTER WATERWORKS	Bmon 5	LEE COUNTY WATER ASSN	Dmon 6
CHIDESTER WATERWORKS	PN 4	LEE COUNTY WATER ASSN	PN 6
CLARKSVILLE WATER	Bmon 4	LITTLE RIVER COUNTY RDA	DBPR 4, 5, 6
COTTON PLANT WATER	Bmon 6	LURTON-PELSOR WATER	GWRMCL 6
COTTON PLANT WATER	OperLic 4, 5, 6	MAGNOLIA WATERWORKS	Dmon 4, 5, 6
COTTON PLANT WATER	PN 5	MAGNOLIA WATERWORKS	Tmon 4
COVE WATERWORKS	DBPR 4, 5, 6	MCRAE WATERWORKS	PN 4
CRAWFORDSVILLE WATER	Bmon 5	MILLTOWN-WASHBURN	DBPR 4, 5, 6
DENNING WATERWORKS	Bmon 4	MORO WATERWORKS	DBPR 4, 5, 6
EARLE WATERWORKS	BMCL 6	MOUNT IDA WATERWORKS	DBPR 4, 5, 6
EARLE WATERWORKS	Bmon 5	MOUNT IDA WATERWORKS	PN 6
EARLE WATERWORKS	DBPR 5	MOUNTAIN PINE WW	Bmon 5, 6
EAST MONROE COUNTY	DBPR 4, 5, 6	NASHVILLE RURAL WATER	DBPR 4, 5, 6
FREE HOPE WATER ASSN	Bmon 4	NE MISSISSIPPI CO WATER	PN 4
FRENCHPORT WATER ASSN	Bmon 4, 5	NEW HOPE WATER ASSN	PN 5
FRENCHPORT WATER ASSN	PN 4	NEW LONDON WATER ASSN	DBPR 4, 5, 6
GILLHAM REGIONAL WATER	DBPR 4, 5, 6	NEW LONDON WATER ASSN	PN 6
HATFIELD WATER WORKS	DBPR 4, 5, 6	NORTH WHITE CO RURAL	DBPR 6
HEAFER-BLACK OAK	Bmon 5	NORTH WHITE CO RURAL	OperLic 4, 5
HEAFER-BLACK OAK	PN 4, 5	NORTHERN OHIO WATER	PN 4, 5
HOLLY GROVE WATER	Bmon 5, 6	OSAGE POINT MHP	Bmon 6
HOPE WATER & LIGHT	DBPR 4, 5, 6	PANGBURN WATERWORKS	Bmon 6
HOSANNA HEIGHTS WATER	PN 5	PICKENS WATERWORKS	Bmon 4
HOXIE WATER DEPT.	DBPR 4, 5, 6	PICKENS WATERWORKS	DBPR 4, 5, 6
HUMNOKE WATERWORKS	PN 4	PIGGOTT WATERWORKS	Dmon 4
HUMPHREY WATERWORKS	Bmon 5, 6	PORTIA WATERWORKS	DBPR 4, 5, 6
HUNTINGTON WW	Bmon 4		

PYATT WATERWORKS	Bmon 6
PYATT WATERWORKS	GWRmon 6
PYATT WATERWORKS	PN 5, 6
RAMBO WATER DISTRICT #1	IMCL 4, 5, 6
SHADY ACRES MHP	Bmon 5, 6
SHADY ACRES MHP	DBPR 5, 6
SOUTH PIKE CO WATER	DBPR 4, 5, 6
SOUTHWEST ARKANSAS WATER	DBPR 4, 5, 6
SPADRA-GOOSE CAMP	PN 6
STUTTGART WATERWORKS	Dmon 4
SYLAMORE VALLEY WATER	BMCL 6
SYLAMORE VALLEY WATER	Bmon 6
SYLAMORE VALLEY WATER	Tmon 6
SYLAMORE VALLEY WATER	PN 4
TRI-COUNTY RWDD-MOORES CHAPEL	Bmon 4
TRINITY BEHAVIORAL HEALTH CENTER	Bmon 5
TURRELL WATERWORKS	PN 5
UNITED WATER ASSN	DBPR 4, 5, 6
UNITED WATER ASSN	PN 6
VANDERVOORT WW	PN 5
WABBESAKA WATERWORKS	Bmon 5
WABBESAKA WATERWORKS	GWRmon 5
WABBESAKA WATERWORKS	OperLic 4, 5, 6
WABBESAKA WATERWORKS	PN 4, 5, 6
WALKER WATER ASSN	Bmon 4
WEST HELENA WATERWORKS	Bmon 5
WILTON WATERWORKS	PN 5
WINTHROP WATER ASSN	DBPR 4, 5, 6
YARBRO WATERWORKS	Bmon 5

STAFF NEWS:



Dean Gernon is the new District 6 Engineer. Originally from Jacksonville, Dean has lived all around the United States, from Alaska to South Carolina and a few places in between. He graduated *cum laude* from Auburn University in 2019 with a Bachelor of

Chemical Engineering. He also worked as an intern at the South Parkway Water Treatment Plant in Huntsville, AL before leaving for college.



Andrew Shaw is the new District 5 Engineer. He is from St. Louis, Missouri and received his B.S. in Biological Engineering from the University of Arkansas in 2017. He began working on his M.S in Biological Engineering in

August 2017. His research focused on modelling water supply available for irrigation through different climate change scenarios in 31 major USDA Agricultural Statistics Districts (ASDs) and analyzing water supply stress at the USGS Hydrologic Unit Code 8 sub basin scale.

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; 4 = April 2019, 5 = May 2019, 6 = June. 2019

Return Service Requested

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AWW&WEA District Meetings

See also the Division's web site www.healthyarkansas.com/eng/ for updates.

DATE	TIME	CITY	LOCATION	SPONSOR
<u>November 2019</u>				
7	5:30 PM	CAW	Maryland Drive, NLR	Central District, AWW&WEA
7	5:30 PM	Fort Smith	Western Sizzlin	Western District, AWW&WEA
13	8:30 AM	Berryville	Community Center	Northwest District, AWW&WEA
14	5:00 PM	West Memphis	Dog Track	Eastern District, AWW&WEA
14	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
19	6:00 PM	White Hall	Wright's BBQ	Southeast District, AWW&WEA
21	12:30 PM	Jonesboro	Ron's Catfish	Northeast District, AWW&WEA
21	6:00 PM	Hope	UACC, Hempstead Hall	Southwest District, AWW&WEA
<u>Monthly Meetings Discontinued</u>				
<u>December 2019</u>				
5	5:30 PM	Jacksonville	Community Center	Central District, AWW&WEA
5	5:30 PM	Fort Smith	Western Sizzlin	Western District, AWW&WEA
11	8:30 AM	Fayetteville	Don Tyson Ctr., Ari. Sciences	Northwest District, AWW&WEA
12	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
13	6:00 PM	Brinkley	TBA	Eastern Central District, AWW&WEA
17	6:00 PM	Star City	Country Village BBQ	Southeast District, AWW&WEA
19	12:30 PM	Jonesboro	Ron's Catfish	Northeast District, AWW&WEA
No Meeting				Southwest District, AWW&WEA
<u>Monthly Meetings Discontinued</u>				
<u>January 2020</u>				
2	5:30 PM	TBA		Central District, AWW&WEA
2	5:30 PM	Fort Smith	Western Sizzlin	Western District, AWW&WEA
8	8:30 AM	Eureka Springs	Best Western Inn	Northwest District, AWW&WEA
9	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
21	6:00 PM	White Hall	Wrights BBQ	Southeast District, AWW&WEA
23	6:00 PM	Texarkana	TBA	Southwest District, AWW&WEA
TBA				Northeast District, AWW&WEA
TBA				Eastern District, AWW&WEA
<u>Monthly Meetings Discontinued</u>				