



ARKANSAS DRINKING WATER UPDATE

Water Operator Training Hours Waived

Jeff Stone, P.E., Director, Eng. Sect.



Due to the effects of the pandemic upon the availability of water operator training, the requirement of obtaining training hours for the renewal of water operator licenses for the current 2-year period has been waived.

The water operator licensing regulations require that during each license renewal period operators obtain 24 hours of training in order to renew their licenses. The current 2-year renewal period ends June 30, 2021. Most water operators obtain their required training hours by attending a waterworks association conference and attending district meetings.

There are four main conferences that water operators in Arkansas typically use to obtain the bulk of their required renewal hours. They are: the Arkansas Water Works and Water Environment Association conference, the Arkansas Rural Water Association conference, the Southwest Section AWWA conference, and the Arkansas Water & Wastewater Managers Association conference. All of these conferences were cancelled during 2020 due to the pandemic. Also, most of the district meetings have been cancelled during the pandemic. This has left most water operators with no practical way to obtain the required training hours during the pandemic.

The Engineering Section asked the Drinking Water Advisory and Operator Licensing Committee to make recommendations to the program as to how to best proceed with renewals this period. On September 17, 2020, the Committee recommended to the program that the training requirement be waived for the current 2-year period which runs from July 1, 2019 to June 30, 2021. This recommendation was accepted by the program. Pursuant to Public Health Emergency Regulatory Suspensions under Executive Order 20-06 and 20-16, the 24 hours training requirement is waived for this renewal period.

In order for a licensed water operator to renew during 2021 the renewal process will continue as normal but documentation of training hours will not be required. License renewal invoices (\$10) will be mailed to active water license holders during May 2021. License holders will be required to submit their renewal notices with payment, no training documentation will be required and the license will be renewed. Failure to submit the renewal and fee will result in the loss of the license.

The training requirement of 24 hours remains in effect for the next 2-year period running from July 1, 2021 to June 30, 2023. Hours earned during this present renewal cycle cannot be carried forward to the upcoming cycle.

The mandatory license examination training requirements remain in place and are unchanged. The mandatory courses are being held, some utilizing virtual classroom concepts. See this webpage for additional information: https://www.ark.org/health/eng/autoupdates/oper/m_andtrngall.htm

Another option is to complete correspondence courses with the California State University of Sacramento. These courses are discussed in information found on the program website found here: <https://www.healthy.arkansas.gov/images/uploads/pdf/drinking-water-MandTrng.pdf>

On the following page is this announcement in the format that it was emailed to most water operators for whom we have an email address.

If you have any questions, please email the licensing program at adh.water.licensing@arkansas.gov

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ARKANSAS DEPARTMENT OF HEALTH
Arkansas Water Operator Licensing Program
License Renewal Training Waiver

July 1, 2019 to June 30, 2021

Please feel free to share the below information.

The Department of Health and the Arkansas Drinking Water Advisory and Operator Licensing Committee have taken the below action pursuant to Public Health Emergency Regulatory Suspensions under Executive Order 20-06 and 20-16:

Arkansas Department of Health

RULES PERTAINING TO WATER OPERATOR LICENSING under Section XIII. A:

The 24 hours of renewal training instruction, for the two-year renewal period of July 1, 2019 to June 30, 2021, is **waived**. No continuing education (renewal training) will be required to renew Water Treatment Licenses, Water Distribution Licenses or Very Small Water System operator licenses.

To verify this action the above text has also been placed on the bottom of this ADH [webpage](#):

<https://www.healthy.arkansas.gov/rules-and-regulations> for verification

To renew the above licenses in 2021, license renewal invoices (\$10.00) will be mailed to active water license holders during May 2021. License holders will be required to submit their renewal invoice with payment, no training documentation will be required, and the license will be renewed with a June 30, 2023 expiration date. Failure to submit the renewal will result in the loss of the license. The only change in the renewal process will be no requirement/request to document training hours will be made. Renewal hour requirements will return for the 2021 to 2023 renewal cycle. Hours earned in this present renewal cycle cannot be carried forward and used in the 2021 to 2023 renewal cycle.

License Exam Training Requirements

Mandatory license exam training requirements are unchanged and must be met to sit for an exam. The mandatory courses are being held, some utilizing virtual classroom concepts. See this [webpage](#) for additional information:

<https://www.ark.org/health/eng/autoupdates/oper/mandtrngall.htm>

If you have any questions, please contact the Water Operator Licensing Program.

Martin Nutt/Ida Hampton/Carla Greisen
Water Operator Licensing Program
Arkansas Dept of Health
Ph: 501-661-2623 Fax: 501-661-2032
Email: adh.water.licensing@arkansas.gov
www.healthy.arkansas.gov/water-license

Dr. José R. Romero Appointed Secretary of Health



Dr. José R. Romero is the new Secretary of Health and Director of the Arkansas Department of Health. Governor Asa Hutchinson

appointed him to the position in August after former Secretary of Health Dr. Nate Smith left in mid-July to join the Centers for Disease Control and Prevention (CDC) in Atlanta, Ga.

In his new role, Dr. Romero is a member of the Governor's cabinet and provides senior scientific and executive leadership for the agency. He is also currently the chairman of the CDC's Advisory Committee on Immunization Practices (ACIP), which is providing guidance nationally on the prioritization and distribution of a COVID-19 vaccine.

The ADH delivers over 100 services through the main office in Little Rock and over 90 local health units in each of the state's 75 counties. These services include immunizations, WIC, outbreak response, vital records, chronic disease prevention, preparedness and emergency response, injury and violence prevention, and suicide prevention. The ADH also includes the Arkansas Public Health Laboratory, which tests for safe food and drinking water, detects inherited genetic disorders in newborns, and provides early identification of infectious diseases. Local, state, and federal partnerships help the ADH to advance its mission and best serve the people of Arkansas.

Dr. Romero previously served as Chief Medical Officer at the ADH and was appointed as the interim Secretary of Health by Governor Asa Hutchinson in May 2020. He was Director of the Section of Pediatric Infectious Diseases at the University of Arkansas for Medical Sciences (UAMS) and the Arkansas Children's Hospital from 2008-2020. He is also a Professor of Pediatrics in the Department of Pediatrics at UAMS and has board-certification in Pediatrics and Pediatric Infectious Diseases.

Dr. Romero's research interests include the molecular pathogenesis, epidemiology, and diagnosis of enteroviral infections, clinical and therapeutic aspects of enterovirus, herpes virus, cytomegalovirus, pediatric tuberculosis, and pneumococcal infections.

Staff News:



Emily Pavlovic joins the Engineering Section as the District 1 Environmental Health Specialist. Emily graduated from University of Central Arkansas Schedler Honors College with a B.S. in Chemistry. Emily recently spent a year volunteering with the AmeriCorps program in the Conway community.



Rebecca Relic joins the Engineering Section as the Environmental Health Specialist for District 7. Rebecca has an M.S in Biology and a B.S in Biology from the University of Central Arkansas. While attending UCA, she worked in various watersheds doing aquatic ecology research. Prior to working with the Engineering Section Rebecca worked at ATOKA, Inc. for two years as a staff biologist.



Susanna Schleiff joins the Engineering Section as the Environmental Health Specialist for the transient, non-community water systems. Susanna has a degree in Environmental Studies from Ouachita Baptist University. While attending college, Susanna researched avian biodiversity and habitat preference in South West Arkansas.

2018 Edition of Ten States Standards, Highlighted Changes

By Craig Corder, P.E., Engineer Supervisor

The 2018 Edition of “Recommended Standards for Waterworks” by the Great Lakes – Upper Mississippi River Board (GLUMRB), commonly known as “Ten States Standards” has been officially published and adopted. Copies, both print and digital, are available for purchase from the Minnesota Department of Health’s Bookstore at:

<https://www.health.state.mn.us/communities/environment/water/tenstates/standards.html>

The Engineering Section of the Arkansas Department of Health uses AWWA standards and GLUMRB standards as design guidelines for improvements to public water systems. Consulting Engineers and others involved in the design of public water systems are strongly encouraged to purchase a copy of the 2018 Edition and become familiar with the revised standards. The ADH Engineering Section has begun to conduct plan review based on the current 2018 Edition. There are several changes/updates from the 2012 to the 2018 edition. Some of the more notable changes are listed below:

1. The previous Policy Statement on Infrastructure Security for Public Water Supplies has been removed and items related to security have been added throughout the Standard. Significant additions have been made to section 2.19 Security.
2. Significant changes have been made to the Policy Statement on Design Considerations for the Optimization of Rapid Rate Filtration at Surface Water Treatment Plants. These changes include considerations on currents in basins, controlling filtration flow rates, achieving filter effluent turbidities of less than 0.1 NTU, and operation of filters.
3. The previous Interim Standard on Membrane Technologies for Public Water Supplies has been removed and items have been incorporated into the Standard.
4. Section 2.21 Chemicals and Water Contact Materials has been modified from “. . . meet . . . standards” to “. . . be certified for compliance with ANSI/NSF Standards 60 or 61.” and “to comply with the 2011 Reduction of Lead in Drinking Water Act”.
5. Section 4.2 Clarification has been modified to state “Provide a means of measuring and modifying the flow to each train or unit unless otherwise approved by the reviewing authority” instead of being a recommended practice.
6. Section 4.3 Filtration has been modified to state “Air scouring controls must allow the operator to control the air flow rates and duration. Rate of flow indicators for air and water shall be provided.” Air scouring is not required, surface wash may be used. Note that ADH Engineering Section recognizes the use of proper air scour is significantly more effective than surface wash.
7. Section 4.4. has been re-ordered and has significant changes including changes in general disinfection practices, in Ozone, and in Chloramines.
8. Section 4.7.7 Protection of aerators from contamination has been changed from excluding only those aerators discharging to lime softening or clarification plants to excluding only aerators discharging to surface water treatment plants.
9. Section 4.9 Stabilization and Corrosion Control has changes in the general discussion on corrosion and corrosion control and has many changes throughout the sub sections.
10. Section 4.11 Membrane Technologies for Public Water Supplies has been added.
11. Section 7 on Finished Water Storage has several updates that enhance safety and sanitary protections and maintaining finished water quality.
 - a. Section 7.0.2 Location of finished water storage structures has added language on waterproofing tanks below grade.
 - b. Section 7.0.6 Stored Water age revised to place stronger emphasis on maintaining finished water quality through design and operation of storage tanks.
 - c. Section 7.0.7 Overflow has changes in how overflow piping terminates.
 - d. Section 7.0.12 Safety has added requirements for ladder access and for compliance with OSHA standards.

This is in no way a complete list of all changes and we encourage you to review the new 2018 edition and utilize the standards in both the design and operation of drinking water system facilities.

Source Water Protection Funding & the 2018 Farm Bill: An Arkansas 2020 Update

Darcia Routh, P.G., Geologist Supervisor

The 2018 Farm Bill required that 10 percent of funds (~\$4 billion) authorized for conservation programs be used to protect sources of drinking water, increased incentives for agricultural producers to implement practices that benefit source water protection, and authorized USDA's Natural Resource Conservation Service (NRCS)—through their respective State Technical Committees—to work with state source water protection programs and community water systems to identify state/local source water protection priorities.

The Arkansas NRCS source water protection working group consists of members from water utilities, conservation districts, state and federal agencies (Arkansas Department of Health, Division of Agriculture, US EPA, USGS) as well as the State Technical Committee. ADH has collaborated with NRCS providing GIS analysis to delineate the priority areas both for groundwater and for surface water protection statewide.

The NRCS, with US EPA input, has identified the following as risk factors in setting statewide priorities:

- Excess nutrients, pathogens, and/or pesticides in source water at watershed scale,
- Reported likelihood of Harmful Algal Blooms (CyanoHABs),
- Community public water system health-based (MCL) violations,
- Size of population served by water utility,
- Designated groundwater depletion or sole source aquifer areas,
- Other risks such as karst, highly erodible soils, wildfire risk.
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Best management/implementation practices for each of these risks were identified, all with the potential to either improve or maintain water quality for both groundwater and surface water sources. NRCS offers a variety of funding sources for implementation activities in the priority areas.

EQIP, Environmental Quality Incentives Program, is the traditional financial or technical assistance to agricultural producers to improve water quality, increase soil health, and conserve ground and surface water.

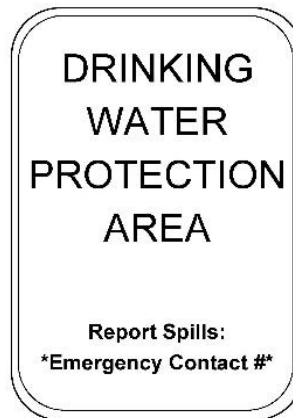
RCPP, Regional Conservation Partnership Program, one example is the West Fork of the White River Watershed Project. The \$375,000 funded in 2017 consists of a watershed plan and stabilization of three miles of stream bank in the West Fork/White River. This is a joint project of Watershed Conservation Resource Center, Beaver Water District, beaver Watershed Alliance, Walton Family foundation, and NRCS. Several water utilities are exploring opportunities for source water quality improvements under the 2020 grant cycle.

CIG, Conservation Innovation Grants, feature collaboration between NRCS and partners to implement on-the-ground conservation activities and then evaluate their impact. Arkansas Forestry division The Arkansas Agriculture Division of Forestry received a grant from the NRCS to prioritize forested watersheds with respect to drinking water utilities and increase technical assistance to landowners in those watersheds.

You can find more information about these programs in future newsletters as we examine the details of the different funding programs mentioned, by visiting the AR NRCS website at <https://www.nrcs.usda.gov/wps/portal/nrcs/ar/home/>, and by contacting Darcia Routh at 501-661-2623 or darcia.routh@arkansas.gov.

Sign Up for Source Water Protection ADH to Provide Drinking Water Protection Area Signs

Kyle Johnson, Environmental Health Specialist



Arkansas's high-quality groundwater and surface water resources provide public drinking water, often with minimal treatment. Source Water Protection is an important tool for safeguarding our public drinking water sources. Participation from the local communities greatly enhances Source Water Protection efforts.

Each municipality has resources available to educate themselves about Source Water Protection. ADH can provide reports, maps, assistance with finding funding, establishing ordinances and resolutions, developing emergency plans, and public outreach materials. These resources can be used as tools for educating the public and increasing public participation. ADH Source Water Protection staff are available to assist any municipality with developing a Source Water Protection Plan.

ADH-Engineering is now offering FREE DRINKING WATER PROTECTION AREA SIGNS to any public water system to increase public awareness about their drinking water. Systems must fill out an ADH application and contact their local ARDOT district for approval of the sign locations. ADH Source Water Protection staff provide maps with the sign locations on them that can be sent to ARDOT for their approval. Signs are typically placed on major routes of travel in areas with high visibility. So far, thirteen public water systems have requested applications from ADH, and three systems have returned their completed applications. ADH is ordering these signs with the system-specific emergency numbers delivered to you with no cost on your part. ADH hopes to provide signs to 100 systems per year; we encourage systems to participate in this program.

Direct any questions or request an application by contacting Kyle Johnson, source water protection specialist, at Steven.Johnson@arkansas.gov or at 501-661-2623.

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 stationery. For more information, contact the director of the Office of Oral Health:

Lindy Bollen, Jr., DDS

Lindy.Bollen@arkansas.gov 501.280.4111

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 9, 2020 utilizing Zoom virtual technology.

Members present:

Aaron Benzing, P.E., Chair, Hawkins Weir Engineers (2021)
Scott Boggs, Chair Elect, Searcy Board of Water Utilities (2023)
Jeff Ford, Kimzey Regional Water District (2025)
Jeff Stone, P.E., Executive Secretary, ADH

Department of Health (ADH) Staff & Guests present:

Reginald Rogers, Attorney, ADH
Brian Nichols, Administrative Law Judge, ADH
Martin Nutt, Training and Cert Officer, ADH
Dennis Sternberg, Exec Director, AR Rural Water Assn

Larry Lloyd, P.E., University of Arkansas (2022)
Lance McAvoy, Fort Smith Utility (2024)
Sharron Sweeney, Central Arkansas Water (2026)

Charles Thompson, Managing Attorney, ADH
Rachel Marsala, Law Clerk, ADH
Carla Greisen, Training Coordinator, ADH
Randy Harper, Director, AR Environmental Training Academy

Benzing called the meeting to order and welcomed everyone to the Committee meeting. Benzing introduced the two new committee members Sharon Sweeney, with Central Arkansas Water, as one of the Committee's members representing water operators noting her term expires June 2026. He then introduced Larry Lloyd with the University of Arkansas, College of Engineering, noting he was completing the educator term due to Dr. Lashun Thomas' resignation, with his term expiring June 2022. The Committee approved the April 9, 2020 meeting minutes.

OLD BUSINESS

Stone reported the "Rules Pertaining to Public Water Systems" had completed the review process and are now effective. He briefly reviewed changes noting the fee increase and continued reliance on AWWA standards and keeping rules current with those standards.

Nutt indicated the Rules Pertaining to Water Operator Licensing were expected to see legislative reviews in August and September and would become final after those reviews. He stated that the Rules revisions were legislatively required and were in reference to the license reciprocity process and criminal history review.

Ford and McAvoy provided brief reports of their attendance of the ABC Annual Conference January 14–17, 2020. Ford noted the ABC Professional Operator presentation was informative. Both stated the PSI presentation on the exam development process and mock exam question development workshop were very interesting and "eye opening" in understanding the effort and time that goes in to writing an exam question that is fair, without biases, and related to the exam.

NEW BUSINESS

Nutt stated the pandemic had shut down almost all in-person training since late March, including mandatory training, annual conferences, and district meetings. He informed the Committee that ARWA and AETA had both returned to offering mandatory training courses in July, meeting required pandemic guidelines with limited participation. He noted at least one AWWWEA District had restarted meeting in June with other district having difficulty finding adequately sized facilities. He then discussed the various alternatives to in-person training that either already existed or he had allowed credit. Stone then stated that the Committee and Section's challenge was going to be how to assist operators to get their needed hours. Stone then invited comments from the Committee and a discussion followed over concerns for small system operators to get training and concerns over how future training would return. Lloyd concluded the discussion when he inquired into what authority the Committee or Department of Health (Department) have in waiving present renewal requirements. Rogers responded that the Governor's Executive Order allows for the suspension of Rules as necessary by state agencies, boards and commissions. He then reviewed the Licensing Law noting under section 17-51-105 the Committee, as subject matter experts, is to advise the Board of Health or the Department of all matters related to training programs and it would be in the purview of the Committee to advise the Board and Department on the need to waive certain renewal hour requirements due to the pandemic. Discussion followed on whether to waive hours or extend time to obtain hours. Benzing created an Ad-Hoc Committee, appointed Boggs, Ford, and McAvoy, tasking the Ad-Hoc Committee to bring 2021 renewal recommendations to the full

Committee at its next meeting. (See related newsletter article on page 1.)

Harper informed the Committee that the Arkansas Environmental Training Academy (AETA) was setting up a Zoom Technology virtual classroom. He stated that AETA, for the foreseeable future, has limited access to off campus classrooms. He stated for the Academy to continue in person training a Zoom classroom will need to be used to provide virtual in-person, instructor led, real time classroom training. The Academy is proposing to follow its published schedule of classes. When the scheduled classroom is not available, the class will be moved to the Academy's Zoom classroom and the course conducted both on campus and via Zoom. A discussion followed with the Committee indicating acceptance of the concept. McAvoy motioned that both AETA and ARWA be allowed to use online collaborative software that allows the instructor to observe all participants and those courses be counted towards mandatory training for licensure through midnight June 30, 2021. Ford seconded the motion and the motion passed.

Nutt updated the Committee on the impact Covid-19 was having on license exams. He stated he was thankful the Committee, years ago, voted to use ABC Standardized exams. This allowed exams to continue using computer based online exams which never completely shut down. This is allowing critically needed or desired exams to continue to be taken. He stated that paper exams in March ended as the rooms used for exam sessions closed, and that June exams were cancelled. September exams are planned with registrations being accepted.

COMMITTEE REPORTS

Stone reported the pandemic had seriously impacted the entire Department. The allowance of staff to go home, due to certain vulnerabilities, left the Section missing a third of its staff. Work was prioritized, thankfully the water quality monitoring staff stayed relatively intact, and all monitoring requirements are being met for the PWS's. Due to reduced staffing levels and pandemic restrictions the Section suspended sanitary surveys and other flexible less critical functions. Plan review and water quality complaints/concerns have been kept current. Now that most of the staff has returned, efforts to catch up sanitary surveys, etc. has begun.

Nutt started his License Update Report by referencing the normally provided spreadsheet detailing exam performance

information. He noted the reduced number of exams with no paper exams and minimal computer exams left exam performance unchanged. Still buried in the numbers were first time passers overshadowed by many repeat exam takers.

Nutt in his Enforcement Plan Update Report provided a handout to the Committee detailing enforcement actions, that still has systems advancing into upper enforcement efforts. He indicated that pressure was still being applied to systems to comply, with the pandemic taken into consideration. He indicated three systems have recently had enforcement hearings. One has a licensed operator, and another has ceased operations as a public water system. The third system will be going before the Board of Health at its July meeting.

Nutt in his General Program Update informed the Committee that even with reduction of one program staff and a new employee starting in mid-April the program had stayed current. This was achieved due to a reduced level of exams, applications, etc. to be processed.

Harper provided the AETA report stating that the Academy taught no in-person courses from March 15, 2020 to June 30, 2020. The Academy lost 63 classes and approximately 1500 students across all 5 training divisions with the on-line classes also experiencing reduced participation levels. In follow-up to the Committee's action to allow alternative course presentations, he wanted to clarify that the Academy has no intention to cease in person training at various sites around the state and would return to those classrooms as soon as they become available. He indicated classes scheduled in Camden in 2021 may be Zoomed as well.

Sternberg reported that ARWA had not held classes in April, May and June. They had held two webinars. The Mueller Virtual Water Distribution, with 136 in attendance. The second was by Badger Meter with 156 in attendance.

OTHER BUSINESS

Having no other business, the Committee confirmed its next meeting for October 8, 2020 and the meeting adjourned.

Pandemic Update – Mandatory Training & License Exams

The waiving of renewal continuing education training for the present renewal period does **not** apply to the need to attend all mandatory training courses for license exam preparation. These courses' availability returned in July 2020. However, to meet pandemic social distancing requirements many of the normally used sites around the State are not available and course locations have been changed.

The Arkansas Rural Water Association (ARWA) has adjusted their training by holding all planned courses through December 31, 2020, either at the original planned site, when available, or at their training center in Lonoke, Arkansas when the planned classroom is not available.

The Arkansas Environmental Training Academy (AETA) adjusted their training by adding virtual attendance to all planned courses through December 31, 2020, utilizing a Zoom technology classroom with real time, instructor led courses. This hybrid attendance concept offers all their present classroom scheduled courses to be attended free of charge, in both a virtual/remote attendance setting using Zoom technology or to attend courses in-person at AETA in Camden, Arkansas. To attend Zoom courses, you need a computer with suitable internet service, a webcam, microphone, speakers, adequately sized screen to see presentation slides (cell phones not suitable), and a quiet/distraction free workspace.

The remaining updated 2020 training schedule for both trainers is included in this newsletter. The most current schedule can be viewed at this website:

<https://www.ark.org/health/eng/autoupdates/oper/mandtrngall.htm>

What about the 2021 mandatory training schedules? ARWA and AETA are actively planning their 2021 calendars with pandemic accommodations being an integral part of the planning process. The 2021 schedule will be added to the above website, as soon as it becomes available.

Also, there are alternative ways to meet most of the mandatory training requirements. The Academy offers the mandatory courses via internet courses, there are correspondence courses available, and certain college degrees can be substituted for some of the mandatory courses. This website details these methods:

<https://www.healthy.arkansas.gov/images/uploads/pdf/drinking-water-MandTrng.pdf>

Please visit our "Obtaining A Water License" website: <https://www.healthy.arkansas.gov/water-license> for an overview of the water licensing process.

Attention New License Applicant

A License Application dated October 1, 2020 or later must be used. Please download and print the required application [here](#):

<https://www.healthy.arkansas.gov/water-license> (See step 2)

Effective **October 10, 2020**, failure to use this license application will result in your application being delayed while the correct required application is completed and submitted.

Save time and effort use correct application.

Computer Based Exams Update

The Arkansas Water Operator License exams are available at PSI Services (also known as AMP) computer testing centers as one of two methods to take license exams. Traditional paper exams remain available quarterly. The computer-based exams offer flexibility in scheduling exams. The testing centers offer exams throughout the workday/workweek, with some centers available on Saturday. Before requesting a computer-based exam, the license application must be on file, you must have an unspent exam fee paid, and the mandatory training courses must be documented as attended (copies of course completion certificates have been submitted). Use this website:

https://health.arkansas.gov/wa_engTraining/ExamType.aspx

to request your exam. The request will be confirmed by from the licensing program, a second email will confirm your exam has been approved. A PSI Services email will direct you through their exam registration process to arrange your date, time and location for the exam. An additional facility use fee of \$69.00 will be collected by PSI. This process is usually completed within a week, and exam results are provided immediately following exam completion.

During this Covid-19 period of heightened contact concerns, the computer centers offer reduced in-person exposure, with greater flexibility in scheduling staff members at different times, reducing exposure risk.

PSI Testing Center Locations:

LITTLE ROCK - Exams Plus (PAN), 8 Shackelford Plaza., Suite 300A, Little Rock, AR 72211

LITTLE ROCK - Velvatex College, 1520 Martin Luther King Dr., Little Rock, AR 72202

NORTH LITTLE ROCK - H & R Block Office, 2819 Lakewood Village Center, North Little Rock, AR 72116

NORTH LITTLE ROCK - Barrett Testing, Inc., 8318 Remount Rd, NLR Airport, NLR, AR 72118

PINE BLUFF - Southeast Arkansas College, 1900 S. Hazel Street, Pine Bluff, AR 71603

MAGNOLIA - Southern Arkansas University, 100 East University – Reynolds, 216 Magnolia, AR 71753

HARRISON - North AR College, 1515 Pioneer Dr, Room L111, S Campus Library, Harrison, AR 72601

JONESBORO - NEA Testing Center, 3014 Turman Drive, Suite F, Jonesboro, AR 72404

FORT SMITH - Adult Education Center, 501 South 20th St, Fort Smith, AR 72901

FAYETTEVILLE - University of Arkansas Testing Services, 97 N. Razorback Road, 1 University of AR, Fayetteville, AR 72701 (Please note, on UA campus with significant parking details to be followed.)

FAYETTEVILLE - H & R Block Office, 3015 North College Avenue, Fayetteville, AR 72703

MEMPHIS - 6099 Mt Moriah Road Extension, Suite 17 & 19, Memphis, TN 38115

SHREVEPORT - Nat'l Safety Council-ArkLaTex, 8100 Kingston Rd, Shreveport, LA 71108

SHREVEPORT - 910 Pierremont Rd, Suite 216, Shreveport, LA 71106 US

SHREVEPORT - H & R Block Office, 8510 Youree Drive, Shreveport, LA 71115 US

For additional information on computer-based exams: www.goamp.com

Water Operator Licensing Rules Revisions Finalized

Martin Nutt, Water Operator Licensing Program

Revisions and additions to the Arkansas Department of Health's *Rules Pertaining to Water Operator Licensing* became effective October 8, 2020. The Rules were adopted in adherence to adopted Arkansas laws made during the 2019 legislative session. The Rules may be viewed at this website:

https://www.healthy.arkansas.gov/images/uploads/rules/WATER_OPERATOR_LICENSING.pdf

There were two significant changes in the Rules, and they are outlined below.

The most critical revision is the added Section VI Criminal Offenses. This section addresses criminal history concerns for professions and occupations to obtain consistency regarding criminal history reviews and disqualifying offenses. Please internet search Ark. Code Ann. §17-3-102 et. seq. for a listing of criminal offenses of concern. The Rules require individuals with a criminal history to declare such on their Water License Application and provide detailed information on their criminal offenses. The Rules have language that allow the License Committee to grant a waiver in certain circumstances, also detailed in above law citation. An individual may petition for a pre-licensure determination of whether the individual's criminal record will disqualify the individual from licensure and whether a waiver may be obtained.

The Rules were also revised in Section XIII to address the endorsement of an applicant's reciprocal licensure providing specific qualifications and license documentation. A provision allows a provisional license to be held while the reciprocity process is completed. The Rules address licensing of active duty service members, returning military veterans, and their spouses; applying for reciprocal licensure. The changes in the license reciprocity process places into the Rules specific processes that must be followed that have been in guidelines followed before the Rule revision.

The above Rule revisions have required the water operator license application to be revised. The revised application, dated October 1, 2020, must be used for all future applications for license. The application can be downloaded and printed at this website:

<https://www.healthy.arkansas.gov/images/uploads/pdf/drinking-water-operator-license-application.pdf>

The submittal of a previous application version will result in application processing delays due to the need to obtain required criminal history information. Also, any pre-application criminal history review results should be included with the license application.

WATER OPERATOR LICENSES ISSUED

Through August 2020

LICENSEE NAME	GRADE/TYPE	SYSTEM NAME	ISSUE DATE
ARMSTRONG JULIAN	T - II	ALTHEIMER WATERWORKS	29-Jul-20
BLACK MASON	D - IV	SPRINGDALE WATER UTILITIES	10-Jul-20
CONN RODNEY	D - I		29-Jun-20
CUPPLES KIMBERLY	D - III & T - III	EAST END WATER	05-Aug-20
DAY JOHN	D - IV	FORT SMITH WATER UTILITIES	29-Jul-20
HALLER WILLIAM	T - III	ALMA WATERWORKS	02-Sep-20
HOLT WILLIAM	T - IV	CENTRAL ARKANSAS WATER	05-Aug-20
HORTON KEITH	D - IV & T - IV	CARROLL-BOONE WATER DISTRICT	06-Aug-20
JENQUINE JOSEPH	D - I	SYLVAN SHORES SD WATERWORKS	19-Jun-20
JOHNSTON RYAN	D - IV	WASHINGTON WATER AUTHORITY	13-Jul-20
LAND CHRISTOPHER	D - III	SILOAM SPRINGS WATERWORKS	25-Jun-20
MORGAN CHRISTOPHER	T - II	USCOE OC - BRADY MTN & LITTLE FIR	26-Jun-20
MORRIS RANDY	D - III	CROWLEYS RIDGE WATER ASSOC	27-Aug-20
MOUNTAIN LORA	D - IV & T - IV	BATESVILLE WATER UTILITIES & PFEIFFER WATER AUTHORITY	11-Jun-20
PARKER KALEB	D - II	WEST SALINE WATER USERS ASSN	19-Jun-20
PERSON WILLIAM	D - I	NORTH CROSSETT UTILITIES	20-Jul-20
SMITH NICHOLAS	D - I	VAN BUREN WATERWORKS & OAK GROVE WATER ASSOCIATION	23-Jun-20
STITHEM NICK	D - II	VAN BUREN COUNTY W U A	29-Jul-20
TURNER BRANDON	D - II	SPRINGDALE WATER UTILITIES	03-Aug-20
UPTEGROVE JACOB	D - III	SILOAM SPRINGS WATERWORKS	26-Jun-20
VILLEGAS NICHOLAS	D - IV & T - IV	SARDIS WATER ASSOCIATION	18-Jun-20
WALL CURTIS	D - III	CENTRAL ARKANSAS WATER	25-Aug-20
WALTZ JEFFREY	D - IV	SPRINGDALE WATER UTILITIES	16-Jun-20
WATKINS RONALD	D - IV	SPRINGDALE WATER UTILITIES	21-Aug-20
WHITFIELD JOE	T - III	ALMA WATERWORKS	09-Jul-20

Want Exam Question Answers?

Exam question answers can be found in these books:

Essential for Treatment Licenses

Water Treatment Plant Operation, Volume I, by (SacState); Office of Water Programs (\$90.00)

Water Treatment Plant Operation, Volume II, by (SacState); Office of Water Programs (\$90.00)

WSO: Water Treatment Series (Grade 1) by AWWA (list \$89.00, member \$62.00)

WSO: Water Treatment Series (Grade 2) by AWWA (list \$99.00, member \$74.00) (Also need Lower Grade)

WSO: Water Treatment Series (Grades 3 & 4) by AWWA (list \$109.00, member \$80.00) (Also need Lower Grade)

Essential for Distribution Licenses- and Very Small System License

Water Distribution System Operation & Maintenance, by (SacState); Office of Water Programs (\$90.00)

WSO: Water Distribution Series (Grades 1 & 2) by AWWA (list \$89.00, member \$62.00)

WSO: Water Distribution Series (Grades 3 & 4) by AWWA (list \$109.00, member \$80.00) (Also need Lower Grade)

Purchase info: <https://www.healthy.arkansas.gov/water-license> See Step 4, List of Study Books

Mandatory Training Course Schedule

Please contact the course sponsor to register for courses. Training courses, due to the pandemic, have had site changes with reduced seating capacity. Registration is required to reserve a seat or to receive ZOOM* log-in information.

Mandatory Course Name	Start Date	Ending Date	Time	CITY	LOCATION	SPONSOR
Advanced Treatment	10/20/20	10/22/20	8:00 Am	Lonoke	AR Training Facility, 240 Dee Dee Ln	ARWA
Basic Distribution	10/20/20	10/22/20	8:00 Am	Camden & ZOOM*	AR Env Training Academy, 6287 Spellman Road	AETA
Basic Treatment	10/27/20	10/29/20	8:00 Am	Camden & ZOOM*	Caw Clearwater Complex, 11 Clearwater Drive	AETA
Advanced Treatment	11/02/20	11/16/20	TBD	Internet	www.sautech.edu/aeta/	AETA
Basic Distribution	11/03/20	11/5/20	8:00 Am	Siloam Springs	Siloam Springs Public Library, 205 E Jefferson St	ARWA
Basic Math	11/03/20	11/03/20	8:00 Am	Camden & ZOOM*	Utilities Operations Center, 2435 S Industrial Dr	AETA
Applied Math	11/04/20	11/04/20	8:00 Am	Camden & ZOOM*	Utilities Operations Center, 2435 S Industrial Dr	AETA
ADH PWS Compliance	11/05/20	11/05/20	8:00 Am	Camden & ZOOM*	Utilities Operations Center, 2435 S Industrial Dr	ADH
Advanced Distribution	11/16/20	11/30/20	TBD	Internet	www.sautech.edu/aeta/	AETA
Advanced Distribution	11/17/20	11/19/20	8:00 Am	Camden & ZOOM*	Rogers Water Utility, 521 South 2nd Street	AETA
Basic Treatment	11/17/20	11/19/20	8:00 Am	Lonoke	AR Training Facility, 240 Dee Dee Ln	ARWA
Intermediate Distribution	12/08/20	12/10/20	8:00 Am	Siloam Springs	Siloam Springs Public Library, 205 E Jefferson St	ARWA
Intermediate Treatment	12/1/20	12/3/20	8:00 Am	Camden & ZOOM*	AR Env Training Academy, 6287 Spellman Road	AETA
Intermediate Distribution	12/8/20	12/10/20	8:00 Am	Camden & ZOOM*	AR Env Training Academy, 6287 Spellman Road	AETA

*AETA is going Zoom (including PWS Compliance in Nov) for the rest of the calendar year and may carry forward into 2021. To attend Zoom courses, you need a computer with suitable internet service, a webcam, microphone, speakers, adequately sized screen to see presentation slides (cell phones not suitable), and a quiet/distraction free workspace.

Arkansas Water Works & Water Environment Association The Water Conference

May 2 – 5, 2021 – Hot Springs Convention Center – Hot Springs, Arkansas
www.awwwea.org

The 2021 AWWWEA conference is expected to offer 16 contact hours of directly applicable water license training credit for full participation in the conference. The conference is expected to consist of two (2) full days of training with six sessions each day, with most sessions offering a choice of 12 training topics. Typically, no training topic is repeated. The exhibit hall Sunday afternoon through Tuesday morning will have water industry related companies displaying their products.

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.

If you are working on Mandatory Training courses for exam purposes, the conference through Arkansas Environmental Training Academy will offer the AETA Basic Water Math course on Monday and the AETA Applied Water Math course on Tuesday. The ADH Public Water System Compliance course will also be offered on Tuesday. You must register for the conference through AWWWEA and the training provider to attend the courses. All mandatory courses start at 8:00 a.m. and end at 5:00 p.m., with an opportunity to enjoy the conference lunch buffet. Attendance of the entire course is required to receive a course completion certificate. A water license exam session is scheduled for Wednesday, April 29, 2020 at 9:00 am at the convention center.

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 a paper 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 24, 2020**. Covid-19 may impact availability of sites creating the need to adjust final December scheduling of exams to allow all registered exam candidates an opportunity to sit for their exam. 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
The below sessions are planned to be held provided pandemic guidelines will allow.				
12/3/2020	10/20/2020	Rogers	Rogers Water Utility Training Rm, 521 South 2nd St	1:00:00 PM
12/4/2020	10/20/2020	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00:00 AM
12/4/2020	10/20/2020	Nashville	Carter Day Center, 200 Lake Nichols Drive	9:00:00 AM
12/4/2020	10/20/2020	Fayetteville	Fayetteville Operations Center, 2435 S Industrial Dr	9:00:00 AM
12/11/2020	10/27/2020	Camden	AR Environmental Training Academy, 100 Carr Road	9:00:00 AM
12/11/2020	10/27/2020	Clarksville	CLW (Operations Bld) 710 East Main (Hwy 64 East)	9:00:00 AM
12/11/2020	10/27/2020	Jonesboro	Jonesboro CWL Office Training Rm, 400 E Monroe	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 paper 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.

Major Monitoring, MCL, Treatment Technique, & Licensing Violations

Community & Nontransient Noncommunity Public Water Systems, Apr. – May 2020

ALMYRA WATERWORKS	GWRmon 5, Bmon 5	ODEN PENCIL BLUFF WATER	DBPR 4, 5, 6
BELLEVILLE WATER	DBPR 4, 5, 6	OLD BELLA VISTA POA	DBPR 4,5,6, Bmon 6
BLUE MOUNTAIN WATER	DBPR 4, 5, 6	PARKDALE WATERWORKS	Bmon 4,5, GWRmon 4
BODCAW RURAL WATER	DBPR 4, 5, 6, Dmon 6	PICKENS WATERWORKS	GWRmon 4, OperLic 4
BOIS D'ARC WATER SYSTEM	Bmon 4, 5, 6	PICKENS WATERWORKS	PN 4, 5, 6
BOIS D'ARC WATER SYSTEM	OperLic 4, 5, 6	SOUTHWEST ARKANSAS WTR	DBPR 4, 5, 6
BOIS D'ARC WATER SYSTEM	PN 4, 5, 6	SPARKMAN WATERWORKS	Dmon 4
BOWSER WATER ASSN	PN 4	SUBIACO CITY WATERWORKS	DBPR 4, 5, 6
BRANCH WATERWORKS	DBPR 4, 5, 6	SULPHUR SPRINGS WATER	BMCL 5
BRECKENRIDGE UNION	Bmon 5, PN 6	SYLAMORE VALLEY WATER	Bmon 6, PN 4
CAMPBELL STATION	PN 4	TONTITOWN WATERWORKS	DBPR 4, 5, 6
CAVE SPRINGS WATERWORKS	DBPR 4, 5, 6	VAN BUREN WATERWORKS	Bmon 5
CHESTER WATERWORKS	PN 4	VANDERVOORT WATER	Bmon 4, 5, Dmon 5
CHIDESTER WATERWORKS	Bmon 6	VETERANS HEALTHCARE	Bmon 5
DANVILLE WATERWORKS	DBPR 4, 5, 6, Tmon 4	SYSTEM OF THE OZARKS	
DENNING WATERWORKS	PN 6	WABBASEKA WATERWORKS	Bmon 4, 6
DIAMOND CITY WATER	OperLic 4,5,6, PN 6	WABBASEKA WATERWORKS	OperLic 4,5,6, PN 4, 6
DIAMOND CITY WATER	Bmon 6	WALNUT RIDGE WATER	Bmon 6
FIFTY SIX WATERWORKS	Bmon 5	WEST HELENA WATERWORKS	BMCL 4
FORREST CITY WATERWORKS	Bmon 4	WEST STONE COUNTY WATER	Bmon 6
FRENCHPORT WATER ASSN	PN 4	WILTON WATERWORKS	Bmon 5
GRAND PRAIRIE BAYOU 2 PWA	Bmon 6		
GRASSY KNOB	Bmon 6		
GREEN HILL-BROOKS CHAPEL	OperLic 4		
HACKETT WATERWORKS	DBPR 4, 5, 6		
HARRISON WATERWORKS	Dmon 6		
HICKORY RIDGE WATER	Bmon 5		
HIGHFILL WATER DEPT	Bmon 6		
HOSANNA HEIGHTS WATER	Bmon 5, Dmon 5		
HUMPHREY WATERWORKS	Bmon 4, 5, 6		
HUMPHREY WATERWORKS	OperLic 4,5,6, PN 4,5,6		
HUMPHREY WATERWORKS	GWRmon 5, Dmon 6		
HUNTSVILLE	Bmon 6		
IMBODEN	Bmon 6		
JAMES FORK REGIONAL	DBPR 4, 5, 6		
JOHNSON TWP WATER ASSN	Dmon 4		
KEO WATERWORKS	Bmon 4, 5, PN 5,6		
KEO WATERWORKS	OperLic 4, 5, 6		
LAKE CHICOT WATER ASSN	DBPR 4, 5, 6		
LAKE FOREST SUBORDINATE	Bmon 6		
LAKE VIEW MUNICIPAL WATER	Bmon 4,5,6, Dmon 4,5,6		
LAKE VIEW MUNICIPAL WATER	OperLic 4,5,6 PN 5,6		
LAURELWOOD HOMEOWNERS	Bmon 4		
LEE COUNTY WATER ASSN	DBPR 4,5,6, Bmon 5,6		
LEE COUNTY WATER ASSN	Dmon 4, OperLic 6, PN 4		
LITTLE RIVER COUNTY RDA	DBPR 4, 5, 6		
MAGNOLIA WATERWORKS	Dmon 6, TMCL 6		
MAGNOLIA WATERWORKS	Tmon 6, PN 4		
MANSFIELD	Bmon 6		
MILLTOWN-WASHBURN	DBPR 4, 5, 6		
MONTGOMERY COUNTY RWA	DBPR 4, 5, 6		
MORO WATERWORKS	DBPR 4, 5, 6		
MOUNT IDA WATERWORKS	Dmon 6, DBPR 4,5,6		
MUNDELL HEIGHTS	Bmon 6		
NASHVILLE RURAL WATER	DBPR 4, 5, 6		
NE YELL COUNTY WATER	DBPR 4, 5, 6		
NEW LONDON WATER ASSN	DBPR 4, 5, 6, PN 6		
NEW LONDON WATER ASSN	Dmon 4		
NEWPORT WATERWORKS	Bmon 6		
NORTH CARBON CITY WATER	DBPR 4,5,6, Dmon 5		
NORTH HOWARD RURAL	DBPR 4, 5, 6		
NORTH LAGRUE WATER ASSN	Dmon 6		

[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 2020, 5 = May 2020, 6 = June 2020

ENGINEERING SECTION
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AWW&WEA District Meetings

Due to disruptions caused by the COVID-19 pandemic, local AWW&WEA districts should be contacted directly concerning meeting plans. Also, visit the Division's web site: www.healthyarkansas.com/eng for possible district meeting updates.