



ARKANSAS DRINKING WATER UPDATE

EPA Finalizes New Rule on PFAS Chemicals

Lance A. Jones, P.E.
Engineering Section Director

On April 10, 2024, USEPA announced the final National Primary Drinking Water Regulation for six Per- and Polyfluoroalkyl Substances (PFAS). These include:
Perfluorooctanoic Acid (PFOA),
Perfluorooctane Sulfonic Acid (PFOS),
Perfluorobutane Sulfonic Acid (PFBS),
Perfluorononanoic Acid (PFNA),
Perfluorohexane Sulfonic Acid (PFHxS), and
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA), commonly known as GenX Chemicals.

PFAS are a category of manufactured chemicals that have been used in industry and consumer products since the 1940s. Their characteristics make them useful in a variety of products, including nonstick cookware, waterproof clothing, and firefighting foam, as well as in certain manufacturing processes. Due to their durability, PFAS compounds tend to break down extremely slowly in the environment and levels of the chemicals can build up in people, animals, and the environment over time.

Studies have shown that very small PFAS levels in the body can lead to negative health effects on pregnant women and in developing babies, weaken a body’s ability to fight disease, increase the risk for some cancers, liver damage and elevated cholesterol levels. Due to these risks, the six chemicals were included in the March 2023 proposed Rule to be regulated in drinking water at levels measured in parts per trillion (ppt).

The final Rule sets a maximum contaminant level (MCL) of 4.0 ppt each for PFOA and PFOS with a goal of 0 ppt. Three of the other chemicals are assigned MCLs of 10ppt each.

PFBS does not have an individual MCL, but is included with the three 10 ppt chemicals in the Health Index (HI) standard for as the enforceable level for their combined concentrations.

Any calculation using the following HI formula that is above 1 will be considered to exceed the collective MCL for these chemicals:

$$\frac{\text{PFBS}}{2000 \text{ ppt}} + \frac{\text{PFNA}}{10 \text{ ppt}} + \frac{\text{PFHxS}}{10 \text{ ppt}} + \frac{\text{HFPO-DA(GenX)}}{10 \text{ ppt}} = \text{HI}$$

These MCL and HI will be applied to the running annual average (RAA) of the PFAS monitoring results, with two or four samples required per year based on the water system population. Systems under 10,000 population would be required to conduct semi-annual monitoring with larger systems required to conduct quarterly monitoring.

Water systems with no detects or low levels would be eligible for triennial monitoring if the RAA for PFOA and PFOS are ≤ 2 ppt each, the others (except for PFBS) are ≤ 5 ppt each and the HI ≤ 0.5.

Community and Non-Transient public water systems that exceed an individual MCL or the HI will be required to take corrective action to reduce the levels of PFAS in their drinking water. The primary options for corrective action are elimination of the PFAS contamination in the source water, utilization of a different source water (that does not contain PFAS) and installation of PFAS removal treatment processes.

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EPA Commits to Regulating Perchlorate In Drinking Water

Jeff Stone, P.E., Engineer Supervisor

According to the U.S. Environmental Protection Agency (EPA), it is committed to regulating perchlorate in drinking water and has indicated a timetable for issuing a perchlorate Rule. The intended regulation of perchlorate in drinking water is in compliance with a recent judicial ruling.

The path to a forthcoming perchlorate regulation has had a complicated history as follows:

At the beginning of this saga, perchlorate was included in the Unregulated Contaminant Monitoring Rule 1 (UCMR1) which was published in 1999. During UCMR1 sampling, Perchlorate was not detected in any of the Arkansas water systems tested under UCMR1 sampling.

During 2011, EPA announced that it would regulate perchlorate in drinking water as it met the criteria for regulation which includes adverse health effects and frequency of occurrence in drinking water systems across the country.

In 2019, EPA issued a proposed rule for comment that included 3 options. Two options involved regulation at different concentrations and one option for not regulating perchlorate in drinking water at all.

During 2020, EPA withdrew the 2011 determination to regulate perchlorate and issued a decision to not regulate perchlorate in drinking water. This action followed the reevaluation of the frequency of occurrence in drinking water, reevaluation of health concerns, and consideration of proactive steps that had been taken by states and water systems to reduce perchlorate levels.

Additionally in 2022, EPA announced completion of a review of the 2020 determination to not regulate perchlorate and concluded that the determination to not regulate was supported by “best available peer reviewed science”.

However, the Natural Resources Defense Council (NRDC) filed a lawsuit against EPA arguing that EPA did not have legal authority to withdraw a regulatory determination. As an intervenor in the case, the American Water Works Association (AWWA) supported EPA in its defense of the decision to not regulate perchlorate in drinking water.

In a decision dated May 9, 2023, the US Court of Appeals for the District of Columbia Circuit ruled in favor of NRDC and indicated that EPA must regulate perchlorate in drinking water because it did not have the authority to withdraw the previous determination to regulate.

EPA now indicates that it is committed to issuing a proposed rule for the regulation of perchlorate in drinking water by November 21, 2025, and issuing a final rule by May 21, 2027.

Typically, there is a 3-year time period between the issuance of a final rule and its effective date. If that is to also be the case here, then a final perchlorate Rule would possibly become effective in 2030 if the above dates are met. It is unclear at what concentration perchlorate in drinking water will be limited/regulated. However, the current Interim Drinking Water Health Advisory level, that was issued in 2008, is 15 ug/L (15 ppb) based upon the recommendations of the National Research Council which is part of the National Academies of Sciences, Engineering, and Medicine.

EPA indicates that perchlorate occurs naturally in arid states in the southwest United States, in potash ore, and has been manufactured in the United States for various purposes that include rocket propellant. Also, the degradation of bleach can generate perchlorate. For water systems that disinfect with bleach, limiting the storage time and managing storage conditions can minimize this risk.

Perchlorate is a health concern because it can disrupt the normal function of the thyroid gland in both children and adults. With regards to fetuses and infants, thyroid hormones are critical for normal growth and development of the central nervous system. Perchlorate can interfere with the human body's ability to absorb iodine into the thyroid gland which is a critical element in the production of thyroid hormones.

Based upon the results of the UCMR1 sampling (no detects were found in Arkansas drinking water samples), it is possible that the biggest impact of a perchlorate rule, in Arkansas, will be the costs of sample collection and analysis. The sample collection and analysis of regulatory drinking water samples will be conducted by the Arkansas Department of Health utilizing the public water service fees.

For any water system unfortunate enough to have the presence of perchlorate in their water in high enough concentrations to require treatment, the treatment costs can be high. Perchlorate cannot be removed by conventional treatment. Advanced treatment schemes must be used to remove perchlorate. Types of advanced treatment that will remove perchlorate include: reverse osmosis, some types of ion exchange, and some types of biological treatment.

SDWA's 50th Anniversary

December 16, 2024 marks the 50th anniversary of the Safe Drinking Water Act.

This Act followed the Clean Water Act of 1973 and Clean Air Act of 1970 as part of the initial set of environmental and public health protection requirements assigned to the newly created U.S. Environmental Protection Agency.

Further information regarding SDWA anniversary will be provided in upcoming issues of this Update. The original Act can be found at the following website:

www.congress.gov/93/statute/STATUTE-88/STATUTE-88-Pg1660-2.pdf

(PFAS Rule, Cont. 1)

The treatment processes identified as the current best available technology for removal of PFAS are all considered advanced treatment and have significant installation and operational costs. These include Granular Activated Carbon, Ion Exchange, Nanofiltration and Reverse Osmosis. In addition, these removal treatment processes will generate waste residuals that contain concentrated PFAS levels that will require proper disposal.

Initial monitoring is required to be completed within three years and compliance with the MCLs and HI is required within 5 years of the final Rule. ADH is currently monitoring several water systems for these chemicals under the 5th Unregulated Contaminant Monitoring Rule (UCMR-5) and will seek approval from EPA to utilize these results for the initial monitoring requirements of this Rule.

ADH will start to schedule monitoring for applicable systems that were not included in the UCMR-5 in the near future. This initial monitoring will be scheduled to be completed well ahead of the 3-yr requirement. ADH will also conduct ongoing routine quarterly, annual, and triennial monitoring of systems based on the results of their individual samples. These monitoring efforts will be funded by the PWS service fees.

EPA reviewed over 120,000 comments on the March 2023 proposed Rule and estimates that the Rule will reduce PFAS exposure to 100 million Americans. EPA estimates that 6 to 10% of the 66,000 water systems in the US subject to the Rule will have to take action to meet these standards. EPA also estimates that meeting these requirements will cost approximately \$1.5 billion per year which will be offset in an annual public health benefit of the same amount.

For more information on the Rule and PFAS in drinking water, visit the EPA webpage at:

www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas

Consumer Confidence Report Rule Revised

As we were going to print, EPA released the final Consumer Confidence Report Rule (CCR) Revisions on May 15, 2024. At first glance, the revisions appear similar to those proposed in March 2023.

More information on these new and revised requirements will be included in the next edition of the Update and can be found on the EPA website at:

www.epa.gov/ccr/consumer-confidence-report-rule-revisions

Lead and Copper Rule Service Line Inventories

Teresa Lee, P.E.,
Technical Support Chief

The October 16th deadline for submitting your system's service line inventory is drawing near. If you have not submitted your inventory, there are several actions that you need to take as soon as possible. If your system serves a population under 50,000, you are eligible to receive assistance from Horner and Shifrin (H&S), an engineering firm located in Rogers. This service is provided by the Natural Resources Division of the Arkansas Department of Agriculture using funds from the Drinking Water State Revolving Loan Fund. The deadline to apply for this assistance is **July 31, 2024**. Sign up for assistance at this weblink: <https://health.arkansas.gov/Eng/LSLIRequest.aspx>.

H&S will assist in setting up your *initial* inventory. To start, they will need a list of your water system's service addresses. Your billing software should have this information in a data file. The deadline for submitting this data to H&S is August 15, 2024. They will also need to do an on-site review of any digital and paper records you have. The more information you can provide H&S, the fewer follow-up actions will
Spring 2024

be needed at a later date. Installation dates are very important, as any service lines installed after 1988 can be listed as non-lead.

H&S will also provide a form for your customers to self-identify their portion of the service line. If the customer does not respond, and you have no records, the customer's service line will be listed as unknown. H&S will provide your water system and ADH with a copy of this initial inventory by October 16th.

If you are preparing your service line inventory without the assistance of H&S please use the template found on our website here: www.healthy.arkansas.gov/images/uploads/resources/Arkansas_Service_Line_Inventory_Template.xlsx.

Guidance for developing your inventory can also be found on our website at:

www.healthy.arkansas.gov/images/uploads/pdf/EPAs_Fact_Sheet_for_Developing_and_Maintaining_a_Service_Line_Inventory.pdf

Completed inventories should be submitted to ADH using Engineering's File Transfer Portal. After you are on the portal website, you will either register as a new user, or log-in with your username and password. Once you have logged in, you will be able to upload your Excel file. The file portal is available at:

health.arkansas.gov/Eng/HomePage.aspx

Water systems are required to notify customers of any lead, galvanized requiring replacement, or unknown service lines within 30 days of submitting the inventory to our office. The notification is required to be repeated on an annual basis until all of your service lines are listed as non-lead.

If you have any questions, please don't hesitate to call our office at 501-661-2623 and ask for Kaleb Lee or Jack Wilson with the Lead and Copper Rule Program.

The links in this article can also be found on our main Lead and Copper Rule webpage at:

www.healthy.arkansas.gov/programs-services/topics/drinking-water-lead-and-copper

Engineering Section Staff News



Grayson Mixon (left) has joined the Section as an Environmental Health Specialist for District 1 (Northwest). Grayson graduated from the University of Central Arkansas in 2022 with a B.S. in Environmental Science and a Minor in Political Science. He enjoys spending his free time with friends and family, working on house projects, and traveling.



Dylan Douglas (right) has joined the Section as an Environmental Health Specialist for District 5 (Southeast). Dylan received a B.S. in Biology from the University of Arkansas - Little Rock. He participated in high school and collegiate athletics as a cross country and distance track and field long distance runner. He enjoys outdoor work, spending time with his pets, and cooking new recipes.



Quinn Hastings (left) has joined the Engineering Section as an Engineer Technician in the Compliance Monitoring Section. Quinn worked previously with ARKUPS locating utilities, and for the past five years he served as the chief operator at Prescott Waterworks. In his spare time Quinn enjoys fishing.



Dean Gernon, P.E. (right) has been promoted to an Engineer Supervisor in the Technical Support Section. Dean has worked as the District 6 engineer (Southwest) for the past 5 years and will now oversee the compliance and assistance efforts for several Safe Drinking Water Rules. When not working, Dean enjoys watching football and visiting U.S. national parks and other historic sites.

Adam Parker, P.E. and Tanner Burns, P.E. have passed the Principles and Practice of Engineer exam and earned their Professional Engineer licenses. Adam has worked for the Section for the past 8 years in the District 1 (Northwest) group. Tanner has worked for the Section for the past 4 years in the Technical Assistance and District 1 groups. Their primary responsibilities include water infrastructure plan review, sanitary survey inspections and technical assistance for water systems in District 1.

The Section welcomes three engineer interns for this summer which will be assisting the Section with plan reviews, water system inspections, and data analysis. All will return to their current schools in August to continue their education. Ethan King is studying Civil Engineering at the University of Arkansas, Caitlyn Kelley is studying Chemical Engineering at the University of Mississippi and Karyiah Clemons is studying Civil Engineering at the University of Mississippi.

REPORT OF THE Arkansas Drinking Water Advisory and Operator Licensing Committee

Heather Parker-Foster, Training and Certification Officer

Note: This edition of the Update includes a summary of the April 11, 2024 meeting of the Arkansas Drinking Water Advisory and Operator Licensing Committee (Committee). The meeting was held at the ADH Offices and utilizing virtual technology.

April 11, 2023 Meeting

Members present:

Lance McAvoy, Chair, Fort Smith Utility (2024)
Jeff Ford, Chair Elect, Kimzey Regional Water (2025)
Sharon Sweeney, Central Arkansas Water (2026)

Brad Hammond, P.E., Olsson Engineering (2027)
Larry Lloyd, P.E., University of Arkansas (2028)
Bryan Smith, Grand Prairie Regional (2029)
Lance Jones, P.E., Executive Secretary; ADH

Department of Health (ADH) Staff & Guests present:

Reginald Rogers, Attorney, ADH
Charles Thompson, Attorney, ADH
Robin Lynch, Administrative Specialist, ADH
Randy Harper, Director, AETA
Jeremy Rowe, Assistant Director, AETA

Brian Nichols, Attorney, ADH
Deborah Reagan, Attorney Specialist, ADH
Heather Parker-Foster, Training and Cert Officer, ADH
Jack Gregg, Training Coordinator, ADH
Chris Harris, Deputy Director, ARWA

The meeting was called to order by McAvoy, who then asked everyone to introduce themselves starting with the Committee members, staff, and guests. (See above attendance notations). McAvoy then directed attention to the January 18, 2024 meeting minutes, provided prior to the meeting, and requested any corrections to the minutes. McAvoy received a motion from Ford to approve the minutes, with Sweeney providing the second, and the motion was passed.

Old Business

There was no old business to discuss.

New Business

Jones updated the Committee on this year's proposed member appointment. Nomination packets were received by three (3) waterworks entities with a total of two (2) nominees.

The Arkansas Water Works and Water Environment Association (AWW&WEA) and the Arkansas Environmental Training Academy - Southern Arkansas University Tech (AETA) nominated Mr. James Whisenhunt III, Chief Operator, Texarkana Water Utilities, Texarkana, AR.

The Arkansas Rural Water Association (ARWA) nominated Mr. Bruce Curtis from Conway County Regional Water Distribution District, Morrilton, AR.

These nominees hold Arkansas Grade IV Treatment and Distribution Water Operator licenses and meet the eligibility requirements for appointment. Their resumes and nomination packets will be presented to the Board of Health on April 25, 2024 for consideration. Upon approval of appointment from the Board of Health, the selected nominee will begin their 6-year term in July 2024.

Committee Reports

Jones stated that the Agency is starting the budget process for the next fiscal year and that the current program funding was adequate. The Section is currently working with the Natural Resource Division (NRD) of the Arkansas Department of Agriculture and the contracted service provider to assist water systems get their service lines inventories completed by the due date of Oct 16, 2024 using federal funds from the Bipartisan Infrastructure Law.

ADH submitted a primacy extension request for the federal Lead and Copper Rule Revisions (LCRR) and are currently reviewing the proposed Lead and Copper Rule

Improvements (LCRI) which were published at the end of November 2023. Public comments were due to EPA by February 5, 2024. The Section was also reviewing the PFAS Rule that was finalized the previous day.

The Section is anticipating EPA to finalize the Consumer Confidence Report Rule (CCR) revisions, that were also proposed last year and publish, in the next few weeks. Also expecting the proposed federal Water System Assessment Restructuring Rule to be released in the coming months. The Restructuring Rule proposes to address water systems that have challenges in their operational management and finances and do not have the required capacity from the technical, managerial, and financial standpoint.

All of these federal Rules will require ADH to update the state PWS Rules so that ADH can adopt the EPA Rules by reference, most likely will propose this update in 2025.

On the water operator licensing update, the proposed revised Rules were reviewed by the legislative Public Health Committee and are still waiting on the Rules Committee before an update can occur.

ADH and the Natural Resources Division provided education and updates on the state water plan, water infrastructure funding and the drinking water program to the legislative members of the Public Health Committee per a request by Co-Chair Senator Missy Irvin.

Parker-Foster provided an exam report showing the Operator Licensing program administered 159 license exams for the first quarter of 2024, with an overall 37 percent passage rate. License applications continue to be received in above normal numbers.

The current license renewal period is from July 1, 2023, to June 30, 2025. The previous renewal period was from July 1, 2021 to June 30, 2023. All remaining licenses were inactivated in our ADH system. The Rules Pertaining to Water Operator Licensing, Section XV. Maintenance of License, D. Any licensee whose License has expired can request, within

one (1) year of expiration, (June 30, 2024), the license may be reinstated by the Department upon documentation of past renewal training requirements and the payment of the fees as stated in Section XI, Subsection C and D.

AETA announced their new chancellor, Dr. Jerry Thomas of Southern Arkansas University Tech-SAU-AETA who has been in the position for approximately three (3) months. Krona Page has taken over student services within AETA and Heather Barkhimer has taken over course production and marketing for the AETA.

AETA reported that in the first quarter of 2024 it has completed 91 classes and trained 775 students for 1436 training course hours across all five divisions that included water, wastewater, backflow prevention, environmental health and safety, and solid waste management. For drinking water related training, they provided 64 classes with a total of 537 students.

ARWA provided a written report for the Committee that stated that 164 training course hours with a total of 549 students in attendance from January – March 2024.

Other Business

A motion by Smith with a second by Lloyd was made nominating Ford for the 2024 Chair and Sweeney as the Chair-Elect and passed by the Committee. Elections for the officers will be conducted at the July 2024 meeting. Following the nominations, a certificate of appreciation was presented by Jones to McAvoy for his service on the Committee and as current Chair.

McAvoy requested information to set the date for the next Committee meeting, scheduling the next meeting for July 11, 2024, at the Arkansas Department of Health, in Little Rock, AR. McAvoy expressed appreciation and thanked everyone for the opportunity to serve on the Committee. McAvoy requested a motion to adjourn the meeting. Smith motioned to adjourn, Ford provided the second motion and the motion passed.

Appointment to Water License Committee



On April 25, 2024, the State Board of Health appointed James Whisenhunt, Chief Operator for Texarkana Water Utilities Millwood Treatment Plant to the Arkansas Drinking Water Advisory and Operator Licensing Committee

Whisenhunt's appointment is for a six-year term as one of the four licensed drinking water operator positions. His background includes 16 years of experience in the drinking water industry, previously with the Little River Rural Development Authority and the City of Foreman, AR and, with Texarkana Water Utilities since 2012. He currently holds an Arkansas Treatment Grade 4 license since 2018 by reciprocity from Texas and an Arkansas Distribution Grade 4 license since 2013 and serving as Southwest District Director for the Arkansas Water Works and Water Environment Association.

Nominations for Whisenhunt were received from the Arkansas, Arkansas Water Works and Water Environment Association, the Arkansas Environmental Training Academy Advisory Board.

The Committee advises the Department of Health through the Engineering Section on matters affecting Public Water Systems and administration of the Drinking Water Operator Licensing Program.

The Committee thanks Lance McAvoy, Fort Smith Water Utilities, for his six years of dedicated service to the Committee including the past year as Committee Chair.

Martin Nutt Receives Kellogg Award



The Arkansas Water Works and Water Environment Association presented Martin Nutt with the 2024 Glen T. Kellogg Award for his service to the waterworks industry at their Annual Conference on April 30, 2024.

Martin retired from the Arkansas Department of Health Engineering Section in 2023 after 46 years of service, including 30 years as the Water Operator Training and Certification Officer. He led the drinking water program's transition to the use of the national Association of Boards of Certification (ABC) water operator exams and implementation of the water operator training requirements.

The Award is named in honor of Glen T. Kellogg who was pioneering leader in the waterworks industry and staunch proponent for public health provided by safe drinking water and sanitary wastewater systems.

Martin Nutt (right) receiving the 2024 Glen T. Kellogg Award from Perry Nelson (left) who previously received the Award in 2011.

Revised Water Operator Licensing Rules Approved

The revisions to the Rules Pertaining to Water Operator Licensing to incorporate requirements of Acts 137 and 457 of 2023 were posted for public comments in January 2024 and received none. The proposed Rules were reviewed by the Committees of the Arkansas General Assembly with no comment and became effective as of March 25, 2024.

WATER OPERATOR LICENSES ISSUED

(Issued Since Winter 2024 Newsletter Edition)

LICENSEE NAME	GRADE/TYPE	SYSTEM NAME	ISSUE DATE
YORK CODY	T - II	BENTON WATERWORKS	14-Feb-24
HURLEY MARK	D - IV	CONWAY WATER SYSTEM	14-Feb-24
MARSH CRAIG	D - I	PRAIRIE GROVE WATERWORKS	20-Feb-24
FRAZIER AUSTIN	T - IV	OZARK WATERWORKS	22-Feb-24
CROSLIN COLTON	D - I	CAVE CITY WATERWORKS	26-Feb-24
DAFFERN JAMES	D - IV	TEXARKANA WATER UTILITIES	27-Feb-24
DIAZ ROMAN	T - I	LIBERTY UTILITIES	27-Feb-24
		LIBERTY - WOODSON / HENSLEY	27-Feb-24
DIAZ ROMAN	D - IV	LIBERTY UTILITIES	27-Feb-24
		LIBERTY - WOODSON / HENSLEY	27-Feb-24
DAVIS DANIEL	D - II	CENTERTON WATERWORKS	29-Feb-24
REED MEAGAN	D - IV	FORT SMITH WATER UTILITIES	29-Feb-24
RANGEL NICHOLAS	D - II	CENTERTON WATERWORKS	29-Feb-24
RYAN LOGAN	D - III	LAKEVIEW MIDWAY PUBLIC WATER AUTHORITY	29-Feb-24
PORTER JOHNNY	D - II	SPRINGDALE WATER UTILITIES	29-Feb-24
ODEGARD JOSHUA	D - IV	MOUNTAIN HOME WATERWORKS	29-Feb-24
NICHOLS BRADLEY	D - I	MARION COUNTY REG WATER DIST	29-Feb-24
LOWE PERRY	D - II	CENTERTON WATERWORKS	29-Feb-24
WHITWORTH JOSHUA	D - II	WEST WOODRUFF WATER DISTRICT	01-Mar-24
CRAWFORD ROBERT	D - I	GENTRY WATERWORKS	01-Mar-24
THOMASTON ZACHARY	T - I	FORT SMITH WATER UTILITIES	01-Mar-24
WHITWORTH JOSHUA	D - II	MC CRORY WATERWORKS	01-Mar-24
BROWN ANDREW	D - II	SPRINGDALE WATER UTILITIES	04-Mar-24
BREEDLOVE NICHOLAS	D - IV	LIBERTY UTILITIES	04-Mar-24
BURROUGHS WILLIAM	T - I	LONOKE WHITE PUBLIC WATER AUTH	06-Mar-24
RIDENOUR TRAVIS	D - VSS	LAKE LUCERNE ESTATES	08-Mar-24
WEBB LANDON	T - I	CLARKSVILLE CONNECTED UTILITIES	08-Mar-24
TAYLOR BRANDON	D - I	TAYLOR WATERWORKS	08-Mar-24
CONLEY KYSON	D - I	PIGGOTT WATERWORKS	08-Mar-24
CULLIPHER JORDAN	D - II	LEWISVILLE WATERWORKS	08-Mar-24
PARKER DENISE	D - VSS	LAKE LUCERNE ESTATES	08-Mar-24
LAUBER LUKE	D - II	ALMA WATERWORKS	12-Mar-24
FROMAN DYLLIAN	T - II	PANGBURN WATERWORKS	13-Mar-24
MOSER TREVOR	D - I	FAYETTEVILLE WATERWORKS	13-Mar-24
TALBOT ALEX	D - I	BENTONVILLE WATER UTILITIES	14-Mar-24
PARRISH KENNETH	D - II	ALMA WATERWORKS	14-Mar-24
STEWART SHELBY	D - I	BENTONVILLE WATER UTILITIES	15-Mar-24
HACKWORTH MICHAEL	D - I	PECO FOODS	15-Mar-24
CAMP BRAYDEN	D - IV	MAGNOLIA WATERWORKS	18-Mar-24
CONYERS ADAM	D - II	CALICO ROCK WATERWORKS	18-Mar-24
WILEY EZRA	T - IV	CONWAY WATER SYSTEM	20-Mar-24
CHAMBERS LANCE	D - II	CENTERTON WATERWORKS	23-Mar-24
STAGGS THOMAS	D - II	CLARKSVILLE CONNECTED UTILITIES	25-Mar-24
POWERS WILLIAM	D - II	BRINKLEY WATERWORKS	27-Mar-24
FIELDS CALEB	D - II	MULBERRY WATERWORKS	27-Mar-24
HARRISON JEFF	D - IV	SILOAM SPRINGS WATERWORKS	27-Mar-24
FRANKS ANTHONY	T - IV	NO PWS LISTED	28-Mar-24

WATER OPERATOR LICENSES ISSUED

(Issued Since Winter 2024 Newsletter Edition)

LICENSEE NAME	GRADE/TYPE	SYSTEM NAME	ISSUE DATE
SUTHERLAND RICHARD	D - IV	GRAVETTE WATERWORKS	28-Mar-24
DEES TAYLOR	T - III	GILLHAM REGIONAL WATER DIST	29-Mar-24
PHILLIPS MICHAEL	D - IV	HOLIDAY ISLAND WATERWORKS	30-Mar-24
CASEY JARED	D - II	CLARKSVILLE CONNECTED UTILITIES	02-Apr-24
ROACH COLEY	T - I	PRAIRIE GROVE WATERWORKS	04-Apr-24
DOWDY TRENT	D - IV	PARAGOULD MUNICIPAL UTILITIES	04-Apr-24
DAUGHERTY SHANE	T - III	COMMUNITY WATER SYSTEM	04-Apr-24
JOHNSON DILLON	D - III	COMMUNITY WATER SYSTEM	04-Apr-24
WEAVER JOSHUA	D - II	COMMUNITY WATER SYSTEM	04-Apr-24
HENSLEY ANDREW	T - III	COMMUNITY WATER SYSTEM	04-Apr-24
HARDING BENJAMIN	D - IV	JACKSONVILLE WATERWORKS	05-Apr-24
CHRISTMAN GREGORY	D - IV	CITY CORPORATION	08-Apr-24
CASEY AIDEN	T - IV	CONWAY WATER SYSTEM	11-Apr-24
LOOY DAVID	D - II	FAYETTEVILLE WATERWORKS	12-Apr-24
BURROUGHS WILLIAM	D - IV	LONOKE WHITE PUBLIC WATER AUTH	12-Apr-24

Computer-Based Water License Examinations Provided by PSI Services (PSI) Information & Reservation Instructions

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 per the schedule included in this publication. 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 the following website to request your exam:

health.arkansas.gov/wa_engTraining/ExamType.aspx

The request will be confirmed by email 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 is currently assessed and will be collected by PSI. Exam results are provided immediately following exam completion.

For additional information on computer-based exams and testing locations visit the following webpage:
test-takers.psiexams.com/abc-ar

PLEASE NOTE: License exams have a basic calculator & no cell phone use policy. If your calculator has more than simple math function (add, subtract, multiply, divide, %, √) buttons, it's use may be denied.

Arkansas Water Operator Licensing Through September 2024 Mandatory Training Course Schedule

Please contact the course sponsor to register for courses in advance of course date this also includes PWS Compliance Course registration on their course registration websites.
The entire course must be attended to receive mandatory course completion credit.

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

Mandatory Course Name	Start Date	End Date	Time	City	Location	Sponsor
Basic Water Treatment	6/11/24	6/13/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ARWA
Basic Water Math	6/11/24	6/11/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	AETA
Applied Water Math	6/12/24	6/12/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	AETA
ADH PWS Compliance	6/13/24	6/13/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	ADH/AETA
Intermediate Water Distribution	6/17/24	6/16/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Advanced Water Distribution	6/18/24	6/20/24	8:00 AM	Centerton	Centerton Utilities 517 N. Main St.	AETA
Advanced Water Distribution	6/25/24	6/27/24	8:00 AM	Paragould	Paragould City Water & Light 1901 Jones Road	ARWA
Intermediate Water Distribution	6/25/24	6/27/24	8:00 AM	Jonesboro	Operations Facility 105 W Johnson Avenue	AETA
Advanced Water Treatment	7/8/24	7/21/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Basic Water Math	7/9/24	7/9/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ARWA
ADH PWS Compliance	7/10/24	7/10/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ADH/ARWA
Applied Water Math	7/11/24	7/11/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ARWA
Advanced Water Distribution	7/15/24	7/28/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Intermediate Water Treatment	7/16/24	7/18/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ARWA
Basic Water Treatment	7/16/24	7/18/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	AETA
Advanced Water Distribution	7/23/24	7/25/24	8:00 AM	Texarkana	WW Treatment Facility 4001 South State Line	AETA
Basic Water Distribution	7/30/24	8/1/24	8:00 AM	Fayetteville	Utilities Operations Center, 2435 S Industrial Dr	AETA
Basic Water Math	8/5/24	8/18/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Advanced Water Treatment	8/6/24	8/8/24	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
Applied Water Math	8/12/24	8/25/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Intermediate Water Treatment	8/13/24	8/15/24	8:00 AM	Benton	Benton Utilities - 1827 Dale Avenue	AETA
Basic Water Math	8/20/24	8/20/24	8:00 AM	Conway	Conway Expo & Event Center - 2505 E. Oak St.	AETA
Applied Water Math	8/21/24	8/21/24	8:00 AM	Conway	Conway Expo & Event Center - 2505 E. Oak St.	AETA
ADH PWS Compliance	8/22/24	8/22/24	8:00 AM	Conway	Conway Expo & Event Center - 2505 E. Oak St.	ADH/AETA
Intermediate Water Distribution	8/27/24	8/29/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	AETA
Advanced Water Treatment	9/3/24	9/5/24	8:00 AM	Greers Ferry	Community Water System 299 Lakeshore Drive	AETA
Basic Water Treatment	9/9/24	9/22/24	8:00 AM	Internet	http://www.sautech.edu/aeta/	AETA
Basic Water Treatment	9/10/24	9/12/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	AETA
Basic Water Distribution	9/16/24	9/29/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Advanced Water Distribution	9/17/24	9/19/24	8:00 AM	Conway	Conway Expo & Event Center - 2505 E. Oak St.	AETA
Basic Water Distribution	9/24/24	9/26/24	8:00 AM	Siloam Springs	American Legion Community Center 110 N. Mt. Olive St.	ARWA
Basic Water Math	9/24/24	9/24/24	8:00 AM	Fayetteville	Utilities Operations Center 2435 S Industrial Dr	AETA
Applied Water Math	9/25/24	9/25/24	8:00 AM	Fayetteville	Utilities Operations Center 2435 S Industrial Dr	AETA
ADH PWS Compliance	9/26/24	9/26/24	8:00 AM	Fayetteville	Utilities Operations Center 2435 S Industrial Dr	ADH/AETA

AETA website: www.sautech.edu/aeta/

ARWA website: www.arkansasruralwater.org

WATER OPERATOR PAPER BASED EXAM SCHEDULE

You must register for the paper based exam 45 days in advance with a License application filed at least 60 days before the exam.

To register on the internet, go to www.healthy.arkansas.gov/water-license, see Step 5.

Listed below are the dates and locations of scheduled examination sessions through December 2024. All Treatment and Distribution exam grades will be available at these sessions. Acceptable photo identification (Driver's License or equivalent) will be required to sit for an Exam. Cell phones, pagers and other electronic communication devices are not allowed. Non-Programmable calculators are allowed in exam sessions.

EXAM DATE	REGISTER DEADLINE	CITY	LOCATION	TIME
9/5/24	7/22/24	Mountain Home (Midway)	Charles R Newton Emergency Services Training Center, 170 Dillard Drive, Midway	9:00 AM
9/5/24	7/22/24	Centerton	Centerton Water Office-Training Room Entrance, 517 N Main	1:00 PM
9/6/24	7/23/24	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00 AM
9/6/24	7/23/24	Fayetteville	Fayetteville Water Operations Center, 2435 S Industrial Drive	9:00 AM
9/13/24	7/30/24	Camden	AR Environmental Training Academy, 6287 Spellman Road	9:00 AM
9/13/24	7/30/24	Bono	Bono Community Building, 241 E College St	9:00 AM
9/18/24	8/4/24	Hot Springs	ARWA Annual Conference, Hot Springs Convention Center	9:00 AM
12/5/24	10/21/24	Centerton	Centerton Water Office-Training Room Entrance, 517 N Main	1:00 PM
12/6/24	10/22/24	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00 AM
12/6/24	10/22/24	Fayetteville	Fayetteville Water Operations Center, 2435 S Industrial Drive	9:00 AM
12/13/24	10/29/24	Camden	AR Environmental Training Academy, 6287 Spellman Road	9:00 AM
12/13/24	10/29/24	Bono	Bono Community Building, 241 E College St	9:00 AM
12/13/24	10/29/24	Clarksville	Clarksville Connected (Operations Building), 710 East Main (Hwy 64)	9:00 AM

The above exam session information is subject to change. You should confirm this information just prior to the scheduled examination period. Also, the latest 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.

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 or utility stationery. For more information, contact the Office of Oral Health at 501-280-4111.

Cybersecurity Actions for Securing Water Systems

By Amy Theriac, Natural Resources Division

Arkansas's water and wastewater systems can be vulnerable to cyberattacks. The Cybersecurity and Infrastructure Security Agency (CISA), Environmental Protection Agency (EPA) and Federal Bureau of Investigation (FBI) has released a fact sheet, [Top Actions for Securing Water Systems](#), to aid water and wastewater systems sector stakeholders with reducing their cyber risk and improving resilience to cyberattacks.

The Arkansas Natural Resources Division has Drinking Water State Revolving Loan Funds and Clean Water State Revolving Loan Funds available for water and wastewater projects that include eligible cybersecurity component(s). The lending rate will be reduced up to 0.50% with savings not to exceed the cost of the cybersecurity component(s). The eligible cybersecurity component(s) must be included in a publicly owned community water system infrastructure improvement project or publicly owned centralized wastewater treatment project.

Overview

Water and Wastewater Systems (WWS) run operational technology (OT) and information technology (IT) systems that are too often vulnerable to cyberattacks. This fact sheet highlights the top cyber actions water systems can take today to reduce their risk and improve resilience to cyberattacks and provides free services, resources, and tools to support these actions, which can be taken concurrently.

The fact sheet contains eight actions along with available resources and services to help organizations implement each action and is available at www.cisa.gov/resources-tools/resources/top-cyber-actions-securing-water-systems.

These actions are:

1. Use cyber hygiene services to **reduce exposure of key assets to the public-facing internet**.
2. Conduct a **cybersecurity assessment on a regular basis** to understand and prioritize existing vulnerabilities.
3. Require unique, strong, and complex passwords for all water systems, including connected infrastructure – **DO NOT USE default passwords**.
4. Create an **inventory of software and hardware assets**, which will help your security team understand what needs to be protected.
5. Develop and exercise cybersecurity **incident response and recover plans** so everyone understands roles, responsibilities and reporting requirements.
6. Regularly **backup OT/IT systems** so you can recover to a known and safe state in the event of a compromise.
7. **Mitigate known vulnerabilities**, especially known exploited vulnerabilities, and keep all systems up to date with patches and security updates.
8. At a minimum, conduct **annual cybersecurity awareness training** to help all employees understand the importance of cybersecurity and how to prevent and respond to cyberattacks.

Every WWS executive, leader, operator, and IT security professional should be familiar with the information in this fact sheet and ensure appropriate actions are taken. WWS organizations should also ask their software manufacturers and vendors how they are adopting Secure by Design principles and tactics within their products to mitigate cybersecurity threats.

CISA provides a NO-COST vulnerability scanning service. CISA will scan your external, internet-facing devices weekly and provide a weekly report on the scanning status along with recommendations for mitigating identified vulnerabilities.

Visit CISA's Water and Wastewater Systems Cybersecurity site at cisa.gov/water and EPA's Cybersecurity tools for the Water Sector at www.epa.gov/waterriskassessment/epa-cybersecurity-water-sector

UPCOMING WATERWORKS CONFERENCES

Arkansas Water & Wastewater Managers Association Water Managers Annual Conference

July 24 – 27, 2024 – Doubletree by Hilton, Hot Springs, Arkansas

www.arkwwma.org

The conference is expected to consist of three (3) days of manager focused training. Each day having morning only training sessions. The conference is approved for up to 10 contact hours of directly applicable water license training credit. No mandatory water training courses for exam purposes or license exams are available.

Arkansas Rural Water Association 46th Annual Technical Conference & Exhibition

September 15 – 18, 2024 – Hot Springs Convention Center – Hot Springs, Arkansas

www.arkansasruralwater.org

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

No mandatory water training courses for exam purposes are offered during this conference. License exams are scheduled Wednesday, September 18, 2024, at 9:00 am, which requires prior registration with the ADH licensing office by August 4, 2024.

Southwest Section - American Water Works Association Annual Meeting

October 13 - 15, 2024 – Embassy Suites – Norman, Oklahoma

www.swawwa.org

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

Violations KEY for the next page: 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; GWRRTT=GWR Treatment Technique; 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; 10 = October 2023, 11 = November 2023, 12 = December 2023

Major Monitoring, MCL, Treatment Technique, & Licensing Violations

Community & Nontransient Noncommunity Public Water Systems, October – December 2023

ALBEMARLE CORP. SOUTH	OperLic 10	LAKE CHICOT WATER ASSN	DBPR 7, 8, 9
ALBEMARLE CORP. WEST	OperLic 10	JOINER WATERWORKS	OperLic 10
ANTOINE WATERWORKS	OperLic 10, 11, 12	KEISER WATERWORKS	OperLic 10
ARK ST PARK – QUEEN	OperLic 10, 11, 12	KINGS HILL ESTATES	OperLic 10
WILHELMINA		LAKE CHICOT WATER ASSN	DBPR 10, 11, 12
ARKANSAS CITY WATER	DBPR 10, 11, 12	LAKE LUCERNE ESTATES	BACTTT 7
BELLEVILLE WATER	DBPR 10, 11, 12	LAKE FOREST SID	OperLic 10
BIGGERS WATERWORKS	Bmon 11	LAKE LUCERNE ESTATES	OperLic 10, 11, 12
BOIS D'ARC WATER SYSTEM	Bmon 10, 11, 12	LAKE LUCERNE ESTATES	PN 12
BOIS D'ARC WATER SYSTEM	OperLic 10, 11, 12	LAKESHORE ESTATES	OperLic 11, 12
BOIS D'ARC WATER SYSTEM	PN 10, 11, 12	LAKESIDE WATER ASSN	DBPR 10, 11, 12
BONANZA WATERWORKS	TMCL 10, 11, 12	LAMAR WATERWORKS	Bmon 10
BRECKENRIDGE UNION WA	OperLic 10	LEAD HILL WATERWORKS	Bmon 10, 11, 12
BRUNNER HILL WA	OperLic 10	LEAD HILL WATERWORKS	Dmon 10, 11, 12
BUENA VISTA-OGEMAW WA	Bmon 12	LEE COUNTY WATER ASSN	DBPR 10, 11, 12
CASA WATER DEPT	Bmon 11	LEISURE HILLS MHP	GWRmon 11
COMPTON WATERWORKS	OperLic 7, 8, 9	LINCOLN WATERWORKS	Bmon 11
CLARENDON WATERWORKS	OperLic 10, 11, 12	LITTLE PORTION HERMITAGE	Bmon 10
COAL HILL	OperLic 10	MOCKINGBIRD HILL WATER	Bmon 12
(SALESVILLE)COMMUNITY	OperLic 10	MORO WATERWORKS	DBPR 10, 11, 12
WATER		MUNDELL HEIGHTS	OperLic 10
COMPTON WATERWORKS	Bmon 12	NAIL-SWAIN WATER ASSN	OperLic 10, 11, 12
COMPTON WATERWORKS	OperLic 10, 11, 12	NORMAN WATERWORKS	DBPR 10, 11, 12
CONCORD WATER & SEWER	Bmon 12	NORTHERN OHIO WATER	Bmon 10
COTTON PLANT WATER	Bmon 12	OLA WATERWORKS	PN 12
DEER WATER ASSN	OperLic 10, 11, 12	OSCEOLA WATERWORKS	OperLic 10
DEER WATER ASSN	PN 12	PARKIN WATERWORKS	OperLic 10
DELIGHT WATERWORKS	OperLic 10, 11, 12	PICKENS WATERWORKS	BMCL 10
DIAZ WATERWROKS	OperLic 10	PICKENS WATERWORKS	OperLic 12
DYESS RURAL WATER	OperLic 10	PICKENS WATERWORKS	PN 12
FELSENTHAL WATER	Bmon 12	REED WATERWORKS	OperLic 10
FIFTY-SIX WATERWORKS	OperLic 10	STAR CITY WATERWORKS	Dmon 10
FOUKE WATERWORKS	OperLic 10, 11, 12	STAR CITY WATERWORKS	Bmon 10
FOUKE WATERWORKS	Bmon 12	STARLIGHT ESTATES	OperLic 10
FULTON WATERWORKS	Bmon 12	STRONG WATERWORKS	GWRMCL 10, 11, 12
FULTON WATERWORKS	OperLic 10, 11, 12	STRONG WATERWORKS	PN 7, 8, 9
GRASSY KNOB SD	OperLic 10	SW REGIONAL CAMP	OperLic 10, 11, 12
GRASSY KNOB SD	PN 12	SWIFTON WATERWORKS	OperLic 10, 11, 12
GREEN HILL-BROOKS	Bmon 11, 12	SYLAMORE VALLEY WATER	OperLic 10
CHAPEL WATER		SYLAMORE VALLEY WATER	Dmon 11
GREEN HILL-BROOKS	OperLic 11, 12	TALL OAKS MHP	OperLic 10
CHAPEL WATER		TAYLOR WATERWORKS	OperLic 10, 11, 12
HAPPY FEET LEARNING	Bmon 10	TAYLOR WATERWORKS	Bmon 12
HELENA WATERWORKS	OperLic 10, 11, 12	WALKERVILLE WATER ASSN	OperLic 10
HELENA WATERWORKS	PN 10, 11, 12	WALNUT HILL WATER ASSN	DBPR 10, 11, 12
HORSEHEAD WATER ASSN	Bmon 12	WEST HELENA WATER	OperLic 10, 11, 12
HOSANNA HEIGHTS WATER	Bmon 10, 11, 12	WEST HELENA WATER	PN 10, 11, 12
HOSANNA HEIGHTS WATER	GWRmon 10, 11, 12	WEST HELENA WATER	GWRTT 10, 11, 12
HOSANNA HEIGHTS WATER	OperLic 10, 11, 12	WKMM RURAL WATER ASSN	OperLic 10
HWY 4 24 WATER ASSN	OperLic 11, 12	WOOSTER WATERWORKS	DBPR 10, 11, 12
HWY 4 24 WATER ASSN	Bmon 12	WOOSTER WATERWORKS	PN 12
INDEPENDENCE JACKSON	OperLic 10	YARBRO WATERWORKS	Bmon 12
INDIAN SWITCH WATER ASSN	OperLic 10, 11, 12		

Return Service Requested

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AWW&WEA District Meetings

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

DATE	TIME	CITY	LOCATION	SPONSOR
July 2024				
			no meeting currently scheduled	AR Valley District, AWW& WEA
6	6:30 PM	Fort Smith	Columbus Acres (10203 Columbus Acres Rd.)	Western District, AWW&WEA
10	8:30 AM	Pea Ridge	City Administration Building (975 Weston St.)	Northwest District, AWW&WEA
11	5:00 PM	Caldwell	Catfish Island (5319 AR-1 N.)	Eastern District, AWW&WEA
11	5:00 PM	TBA	TBA (Rebecca.Burkman@Irwra.com)	Central District, AWW&WEA
16	6:00 PM	Star City	The Happy Bowl (700 S. Lincoln Ave.)	Southeast District, AWW&WEA
18	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn (6201 Batesville Blvd)	North Central District, AWW&WEA
21	12:30 PM	Paragould	Grecian Steakhouse (210 Airport Rd.)	Northeast District, AWW&WEA
25	6:00 PM	Ashdown	Big Jakes BBQ (170 Constitution Ave.)	Southwest District, AWW& WEA
August 2024				
			no meeting scheduled	AR Valley District, AWW& WEA
1	5:30 PM	TBA	TBA (Rebecca.Burkman@Irwra.com)	Central District, AWW&WEA
8	5:00 PM	Wynne	Johnson's Cafe (329 HWY 64)	Eastern District, AWW&WEA
11	6:30 PM	Fort Smith	Western Sizzlin (5200 Townson Ave)	Western District, AWW&WEA
14	8:30 AM	Siloam Springs	S.S. Public Library (205 E. Jefferson St.)	Northwest District, AWW&WEA
15	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
18	12:30 PM	Jonesboro	Golden Corral (2405 E. Highland)	Northeast District, AWW&WEA
20	6:00 PM	Monticello	Los Arcos (502 US-425)	Southeast District, AWW&WEA
22	6:00 PM	Ashdown	Fish Bowl (1409 AR-32)	Southwest District, AWW& WEA
September 2024				
			no meeting scheduled	AR Valley District, AWW& WEA
5	5:30 PM	TBA	TBA (Rebecca.Burkman@Irwra.com)	Central District, AWW&WEA
5	6:30 PM	Fort Smith	Western Sizzlin (5200 Townson Ave)	Western District, AWW&WEA
11	8:30 AM	Holiday Island	H.I. Clubhouse (1 Country Club Dr.)	Northwest District, AWW&WEA
12	5:00 PM	Caldwell	Catfish Island (5319 AR-1 N.)	Eastern District, AWW&WEA
16	12:30 PM	Jonesboro	Ron's Catfish (3213 Dan Ave)	Northeast District, AWW&WEA
17	6:00 PM	Warren	Robertson's Smokehouse (215 W. Central St.)	Southeast District, AWW&WEA
19	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
26	6:00 PM	Camden	SAU Tech Activity Center (14411 Carr Rd)	Southwest District, AWW& WEA