



ARKANSAS DRINKING WATER UPDATE

Volume 38, No. 1

ENGINEERING SECTION – DEPARTMENT OF HEALTH

Winter 2024

EPA Proposes Lead and Copper Rule Improvements

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

On December 6, 2023, EPA published the proposed Lead and Copper Rule Improvements (LCRI) which follows the decision from December 2021 to move forward with the Lead and Copper Rule Revisions (LCRR) with the acknowledgement that improvements were needed prior to implementation of most of the new requirements of the LCRR.

The LCRI proposes to keep the current requirement of the LCRR for all water systems to complete an initial survey of materials for each service line to identify them as Lead, Galvanized downstream of lead, Non-Lead or Unknown by October 16, 2024. It also proposes to keep the LCRR requirement for water systems to provide a Tier 1 public notification to their customers if the system exceeds the Action Level for lead during a monitoring period.

The proposed Rule requires annual updates to the service line inventory, with addition of connector material identification, creation of a service line replacement plan for lines identified as Lead or Galvanized downstream of lead, and a plan to identify the material of service lines identified as Unknown. It also requires the water systems to replace the service lines identified as Lead and Galvanized downstream of lead within 10-years of the effective date of the final Rule.

The proposal eliminates the lead Trigger Level requirements of the LCRR and lowers the lead Action Level to 10 ppb from the current 15 ppb. Systems with multiple lead Action Level exceedances will be required to conduct additional outreach and make lead removal filters available to all customers to lower their exposure to lead from the water.

Other requirements of the proposed Rule modify the Tier categories and conditions for

conducting customer tap sampling, including sampling from schools and day care centers, and updates to the methods and requirements for providing corrosion control treatment.

The following webpage can be used to identify licensed day care centers in the communities served by a water utility:

portal.arkansas.gov/service/ar-child-care-provider-search

EPA accepted comments on the proposed Rule through February 5, 2024 and is expected to release the Final LCRI later this year with a target date before October 16, 2024. The requirements of the final Rule are expected to take effect 3 years after publication in the Federal Register.

Please visit the following webpage for more information about or to read the proposed Rule:

www.epa.gov/ground-water-and-drinking-water/proposed-lead-and-copper-rule-improvements

For more information about the service line inventory requirements or to sign up for assistance, please visit the ADH website at the following address or via the QR code:

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



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Legionella Control: Water Systems and Health Care Facilities

Jeff Stone, P.E.
Engineer Supervisor

Legionnaires' Disease is a type of pneumonia caused by Legionella bacteria. Legionella bacteria is found in all lakes and streams, some of which are utilized as sources of supply for drinking water systems. The populations most at risk of acquiring Legionnaires' Disease from exposure to the bacteria are: a) people older than 50 years of age, b) current or former smokers, c) people with chronic lung disease, and d) people with weak immune systems.

Transmission of the bacteria can occur in aerosols that can emanate from contaminated water chillers used in air conditioning systems and also from shower heads or other water fixtures in buildings where the plumbing piping may be contaminated. Breathing in those aerosols containing the bacteria can result in pneumonia.

Some of the at-risk populations are located in health care facilities such as nursing homes, hospitals, and assisted living facilities. Legionella can flourish in the plumbing systems of these facilities if the water temperatures and disinfectant levels are not optimally managed. Both public water systems and managers of the care facilities play equally important roles in controlling legionella growth and minimizing the risk of exposure and infection.

The disease was first discovered in 1976 following an American Legion convention held in Philadelphia where more than 2,000 people were in attendance. A contaminated water chiller that was part of the air conditioning system sickened at least 182 people of which 29 died. The CDC performed an epidemiological investigation and the disease has since been referred to as "Legionnaires" Disease. It has

also been learned that people can become infected from aerosols from shower heads and other fixtures where the building plumbing is contaminated. Each year in the US, an estimated 8,000 to 18,000 cases of Legionnaires' Disease occur and the death rate is estimated at 10%. The death rate for people who are immune suppressed and get sick is estimated to be between 40% and 80%.

In 1993, EPA issued the Surface Water Treatment Rule, as part of the Safe Drinking Water Act, with the stated purpose of controlling the presence of giardia, cryptosporidium, and Legionella. It was thought that by meeting the treatment requirements that this Rule placed upon surface water treatment plants that these pathogens would be controlled and limited to a level that would not cause disease. Thus, the public water systems using surface water sources have a role in controlling Legionella by: a) providing filtration and disinfection, b) maintaining treated water turbidity below established limits, c) providing the required disinfectant contact time (CT), and d) maintaining an adequate disinfectant level in the treated water entering and throughout the distribution system.

Even when the public water systems do their part by providing required water treatment, health care and other facilities can still be vulnerable to Legionella contamination of their plumbing systems and to disease outbreaks if those plumbing systems are not properly monitored, managed, and corrective actions taken when needed. The plumbing systems remain vulnerable to contamination because: a) a small portion of Legionella can evade treatment and disinfection by "hiding" inside other organisms, b) chlorine residuals may not persist inside of buildings, c) stagnant plumbing lines provide legionella growth sites, d) 'hot' water temperatures in care facilities are usually lower than other plumbing systems and optimal for legionella growth, and e) in many cases facility managers are unaware of the water quality within the facility.

Facility managers of health care facilities are required, by their regulators, to develop and implement a water management program to address Legionella risks. The water management program must be in accordance with the requirements found in ANSI/ASHRAE Standard 188-2021 “Legionellosis: Risk Management for Building Water Systems”. Elements of a water management program include but are not limited to: a) elimination of stagnant unused plumbing lines, b) water quality monitoring, and c) corrective actions when appropriate.

While facility managers of these facilities are responsible for the water quality inside of the plumbing system, and ultimately the well-being of their staff, guests, and residents, public water system operators can occasionally provide technical assistance to these facility managers as they sometimes struggle with regards to water quality issues.

Initially, water system operators may be contacted by facility managers requesting help in the testing of the water coming into the care facilities from the water system. The water system operators can respond to this initial request by: a) checking the chlorine residuals at the care facility site, b) collecting a bacteriological sample to verify the water is disinfected and free from coliform bacteria, c) helping the facility manager understand water quality issues, and d) assisting the facility manager in selection of an adequate chlorine test kit, if they indicate they need one, to monitor the water quality in the care facility. Water system operators should expect that they will be much more knowledgeable with regards to water quality issues than the care facility managers. The initial contact is an opportunity to help these facilities.

Water system operators should also consider the location of care facilities in their service area when selecting bacteriological sampling sites for regular monthly coliform and disinfectant residual monitoring. Regular sampling near care facilities will provide an

opportunity to ensure the safety of water being supplied to these facilities and also to ensure the adequacy of the concentration of disinfectant residuals in the area. While locating sampling sites near care facilities is not a specific requirement of the Safe Drinking Water Act, it is consistent with the intent of ensuring safe drinking water to the community and, more specifically, to at risk populations.

The water system operator can also contact their district personnel at the ADH drinking water program for assistance in responding to questions from the care facility about water quality issues.

A few of the reference materials available concerning these issues are listed below:

- “Developing a Water Management Program to Reduce Legionella Growth & Spread in Buildings”, CDC, 2021
www.cdc.gov/legionella/wmp/toolkit
- “Legionella: Drinking Water Health Advisory”, EPA, 2001
www.epa.gov/sites/default/files/2015-10/documents/legionella-report.pdf
- “Technologies for Legionella Control in Premise Plumbing Systems: Scientific Literature Review”, EPA, 2016
www.epa.gov/sites/default/files/2016-09/documents/placeholder.pdf
- “Legionellosis: Risk Management for Building Water Systems”, ANSI/ASHRAE, 2021
blog.ansi.org/ansi-ashrae-standard-188-2021-legionnaires-risk/

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 summaries of the past two meetings October 12, 2023 and January 18, 2024. Both meetings of the Arkansas Drinking Water Advisory and Operator Licensing Committee (Committee) were held at the ADH Offices and utilizing virtual technology.

October 12, 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)
Lance Jones, P.E., Executive Secretary; ADH

Department of Health (ADH) Staff & Guests present:

Reginald Rogers, Attorney, ADH
Robin Lynch, Administrative Specialist, ADH
Raymon Lancaster, West Stone County Water
Bruce Hipp, Supervisor, West Stone County Water

Brian Nichols, Attorney, ADH
Heather Parker-Foster, Training and Cert Officer, ADH
Jim Philipp, Water Training Provider, ARWA
Ricardo Fletcher, Rison Water

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 July 19, 2023 meeting minutes provided prior to the meeting. Rogers requested any corrections to the meeting minutes. The Committee had no corrections and McAvoy received a motion from Ford to approve minutes as presented, Hammond provided the second and the motion was passed by the Committee. It was noted that McAvoy will pass the Chair responsibilities to Ford (Chair-Elect) later in the meeting when he needed to depart to attend to other responsibilities.

McAvoy received a motion from Lloyd and second from Hammond for Jeff Ford to serve as Chair-Elect, and the motion passed. McAvoy noted one (1) high school waiver listed in the agenda, with Parker-Foster confirming the school waiver application was ready to be reviewed by the Committee.

Raymon Lancaster answered questions about West Stone County Water Association pertaining to the process, expectations, and his high school diploma waiver request. Lloyd made a motion to approve the waiver, Hammond provided the second and the motion was passed by the Committee to grant the waiver.

McAvoy noted that five (5) criminal history waivers were listed on the agenda, with Parker-Foster confirming that only two (2) criminal history waiver applications were ready to be reviewed by the Committee.

Raymon Lancaster answered questions pertaining to the process, expectations, and his waiver request that was submitted to the Committee. Lloyd offered a motion to approve the waiver with Hammond providing the second and the motion was passed by the Committee to grant the criminal history waiver.

Ricardo Fletcher answered questions pertaining to the process, expectations, and his waiver request. Sweeney offered a motion to approve the waiver, with Lloyd providing the second and the motion was passed by the Committee to grant the criminal history waiver.

Old Business

Parker-Foster provided the EPA approved FY22 SDWA Operator Certification OPCERT Guideline report. EPA Region 6 indicated it is satisfied with the ADH's implementation of the State's Operator Certification Program via a letter dated September 13, 2023. The letter serves as a formal approval of the State Fiscal Year (SFY) 2023 Report. The next report will be due August 1, 2024 for the regulatory deadline of September 30, 2024.

New Business

Jones updated the Committee on the Licensing Program and that state agencies have submitted changes to their licensing Rules to provide uniformity in language and definitions and will provide Public Notice of the process to solicit comments on the Rules around the first of the year. Parker-Foster then updated the Committee that the Licensing Program is working with the two (2) training providers to submit mandatory training and exam schedules for publication for 2024. Confirmation and review of training and exam schedules is currently in progress.

Committee Reports

Jones briefly updated the Committee of the varied new PWS funding available from the federal government to include general SRF, Emerging Containment and Lead Service Line. The Section is currently working to get a 1st year contract for providers to assist smaller water systems with their service lines inventories that are due Oct 16, 2024. The Natural Resources Division (AR Dept. of Agriculture) is working on the project funding applications for the FY23 allotment of Infrastructure monies.

ADH will be working on the primacy extension request for the Pb/Cu Rule Revisions (LCRR). States have two (2) years to apply for the extension and are hoping for the improvements to the Rule (LCRI) to be published soon.

The Section has been busy with the review and implementation for several EPA Rules such as the Lead and Copper Rule (LCRR) and impending Lead and Copper Rule Improvements (LCRI), MDBP Rule suite revisions, new revisions for CCR, and new proposed Rule for six 6 compounds of PFAS, which includes combined MCL/hazard index, and also cybersecurity concerns.

The Section is still experiencing staff turnover, currently 15-20%, with some technical positions having been filled with recent hires. Workloads have increased to meet compliance

requirements and the electronic submission of plans has increased faster correspondence than waiting on the mail service.

Parker-Foster provided an exam report showing the Operator Licensing program administered 188 license exams between July 1, 2023 and September 30, 2023, with an overall 35 percent passage rate. Licensing administrative tasks, such as processing licensing exam results, licensing fees and license applications are proceeding ahead with above normal numbers. The license renewal period is from July 1, 2022, to June 30, 2023 with renewal invoices sent out after the first week in May 2023.

The number of licensing renewals since the June 30, 2023 deadline was at 79 percent as of September 30, 2023. The Licensing Program has completed 2,640 licensing renewals out of 3,360 renewal invoices.

Jeremy Rowe with AETA provided a written report for the Committee, stating that the AETA was fully staffed but looking for an OSHA instructor. Act 605 Retail Water Provider Board Member Training through traditional in-person, Zoom Video Conferencing, and self-paced online training classes were being conducted. Training numbers were provided to the Committee for the 2nd quarter of 2023.

Philipp provided a report for the Committee, stating that ARWA, in January – June 2023, provided 100 hours of water classes, with 352 training hours with 319 students, which includes 2,200 student class days taught to water operators.

Ford commenced discussion to set the date for the next Committee meeting, which concluded with scheduling the next meeting date for January 18, 2024, at Freeway Medical Tower in Little Rock, AR. Ford requested a motion to adjourn the Committee meeting. Smith motioned to adjourn, Lloyd providing the second motion and the motion passed.

January 18, 2024 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 Water (2029)
Lance Jones, P.E., Executive Secretary; ADH

Department of Health (ADH) Staff & Guests present:

Reginald Rogers, Attorney, ADH
Chuck Thompson, Attorney, ADH
Daniel Dowdy, City of Fayetteville
Tim Nyander, Director of Utilities, City of Fayetteville
Jared Rodriguez, Central Arkansas Water, (CAW)
Chris Shanan, Asst. Director of Distribution, CAW

Brian Nichols, Attorney, ADH
Deborah Reagan, Attorney Specialist, ADH
Heather Parker-Foster, Training and Cert Officer, ADH
Jane Hurley, Education/Outreach Specialist, CAW
John Lane, Bradford Waterworks
Billy Burruss, Superintendent, Bradford Waterworks
Melissa Goad, Bradford Waterworks

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 October 12, 2023 meeting minutes, provided prior to the meeting, and requested any corrections to the minutes. Hammond recognized a duplicate statement at the end of the minutes that needed to be removed. Correction was noted and McAvoy received a motion from Hammond to approve minutes as amended, with Smith providing the second and the motion was passed by the Committee.

McAvoy noted that four (4) criminal history waivers were listed on the agenda, with Parker-Foster confirming that only two (2) were present to have their criminal history waiver applications reviewed by the Committee and all waiver requests were previously reviewed by the ADH Legal team.

William Wood, who was not present for the previous committee meeting, was not present. Lloyd made a motion to delay the decision on Wood's waiver request until he was able to attend a future committee meeting. Sweeney provided a second and the motion was passed.

Daniel Dowdy was not present. Lloyd made a motion to delay a decision on Dowdy's waiver request until he was able to attend a future Committee meeting. Smith provided the second and the motion was passed by the Committee with Hammond recusing himself from the waiver consideration.

John Lane answered questions pertaining to the process, expectations, and his waiver request. His supervisor, Billy Burruss, spoke in support of Lane and provided positive information regarding his employment at the Bradford Water system. Sweeney made a motion to approve the waiver. Smith provided the second and the motion was passed.

Ryan Williams withdrew his criminal history waiver application the day before the Committee meeting. McAvoy noted one (1) high school waiver listed in the agenda, with Parker-Foster confirming ready to be reviewed by the Committee.

Jared Rodriguez answered questions about his pertaining to the process, expectations, and waiver request. His supervisor, Chris Shanan, spoke in support of Rodriguez and stated he was an outstanding employee. Sweeney recused herself from the waiver consideration. Lloyd provided a motion to approve the waiver. Smith provided the second and the motion was passed.

Daniel Dowdy and Tim Nyander arrived at the meeting. McAvoy received a motion from Lloyd to hear the criminal history waiver request. Sweeney provided the second and the motion was passed. Dowdy answered questions pertaining to the process, expectations, and waiver request. His supervisor, Tim Nyander, spoke in support of Dowdy and provided positive information regarding his employment at Fayetteville Waterworks. Lloyd made a motion to approve the waiver. Sweeney provided the second and the motion was passed.

Old Business

No old business needed to be discussed.

New Business

Rogers briefed the Committee members on travel expense re-imbusement and that a vote on reimbursement was needed. Hammond made a motion to authorize Committee members to receive applicable reimbursement in 2024. Lloyd provided the second and the motion passed.

Rogers updated the Committee on the latest status of the Committee revocation recommendation of Danny Clark's water licenses to the Board of Health. He reminded the Committee that the Board had revoked the license, and that Clark had appealed the revocation to the Circuit Court. On September 19, 2022, the Circuit Court entered an order confirming the Board of Health's order of revocation of Clark's water licenses. Clark appealed the ruling to the Arkansas Court of Appeals along with a motion to stay the ruling pending the Court's review. The Court reviewed the stay and granted approval. Briefs have been filed by both parties and the case is waiting for the Court to hear the case. Clark did renew his license on December 8, 2023 for the 2023-2025 period.

Hurley provided background on the Ford Next Generation Learning (NGL) program that the four public school districts in Pulaski County had joined. This is an educational and philanthropic program to pair businesses with local high schools. CAW has been paired with Maumelle High School with a course called Skilled Trades. They have forty (40) students enrolled into two (2) classes and were providing the AWWA Distribution I and II licensing materials for this semester. The students will get their education from the AWWA materials and receive assistance to prepare to take the license test before they graduate high school. Hurley is asking for input on the school program, test taking and licensing scenarios from the Committee. CAW will be using these AWWA materials, practice tests, and speakers from the waterworks field to discuss real world experiences and provide job shadowing or internships for the high school students.

Parker-Foster attended the Water Professionals International (WPI) Annual Conference the previous week and provided a report to the Committee. WPI/PSI is upgrading and migrating exam data for each state user and will provide more clarification and be updating tests, practice tests, need-to-know criteria, language for tests and overall reporting data to each user in early summer. The Licensing Program is scheduled for a one-on-one session with PSI to go over the new and improved reports and functions of the website. Different adult motivational learning techniques were shared at the conference, troubleshooting operator certification and state programs to find common ground and presentations from other state users to include provinces in Canada. Next year's WPI Annual Conference will be held in New Orleans, LA the first week of January 2025.

Committee Reports

Jones briefly updated the Committee on the varied PWS funding available from the federal government to include SRF, Emerging Containment and Lead Service Line. The Section is currently working with the Natural Resource Division (NRD) and contracted service provider to assist water systems to get their service lines inventories completed by the due date of Oct 16, 2024.

ADH submitted a primacy extension request for the LCRR and are currently reviewing the proposed LCRI which was published at the end of November 2023. Public comments are due to EPA by February 5, 2024. The PFAS compound rule that was proposed early last year will likely be finalized and published in the next few months.

The Engineering Section is anticipating EPA to finalize the CCR rule revisions, that were also proposed last year, and publish the proposed Water System Assessment Restructuring Rule in the coming months. The Restructuring Rule proposes to address systems that have challenges in their management and do not have capacity from the technical, managerial, and financial standpoint.

January 18 Meeting Cont.

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

The Section is also updating the (PWS) Compliance Course by reviewing the presentations, looking at information consistency, and setting up modules for the training. The draft PWS Operator Database update was halted due to COVID-19, but the staff will start to evaluate and update the new database to provide better tracking of data for each operator and their licenses. The Agency is looking at a new system for allowing an online option for license registrations and renewals.

The Section will be requesting nominations for the next Committee member before end of January 2024 and present the nominations to the Board of Health at their April meeting. The Section is still experiencing staff vacancies (15-20%) with some technical positions having been filled with recent hires. Workloads have increased to meet compliance requirements and the electronic submission of plans has been successful and provides faster processing than waiting on the mail service.

Parker-Foster provided an exam report showing the Operator Licensing program administered 153 license exams between October 1, 2023, and December 31, 2023, with an overall 40 percent passage rate. The Water Operator Licensing Program is proceeding ahead with licensing, training, and testing at the

Arkansas Department of Health. Renewal training sessions and attendance are returning to normal levels. License applications continue to be received in above normal numbers. Administrative staffing concerns have lessened allowing the Program staff to return to processing licenses, exam results, etc. in a timely manner.

The Program has promoted Jack Gregg (previous District 5 Environmental Health Specialist) as the new Training Coordinator in December 2023.

The current license renewal period is from July 1, 2023, to June 30, 2025. The previous renewal period from July 1, 2021 to June 30, 2023 are still being processed. 540 invoices with late penalties were mailed in early December 2023 to all water operators that had expired licenses due to incomplete or missing renewal applications. Some late renewals were being received and processed.

Reports from ARWA and AETA were not reviewed during the Committee Meeting.

McAvoy requested information to set the date for the next Committee meeting. McAvoy concluded the discussion, scheduling the next meeting date for April 11, 2024, at Freeway Medical Tower in Little Rock, AR. McAvoy appreciated his time and thanked everyone for the opportunity to serve on the Committee.

McAvoy requested a motion to adjourn the Committee meeting. Smith motioned to adjourn, Lloyd provided the second motion and the motion passed concluding the meeting.

Update on Water Operator Licensing Rules

The proposed 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 next step is for the proposed Rules to be reviewed by Committees of the Arkansas General Assembly before being signed and implemented.

WATER OPERATOR LICENSES ISSUED

(Issued Since Fall 2023 Newsletter Edition)

LICENSEE NAME	GRADE/TYPE	SYSTEM NAME	ISSUE DATE
ARNOLD, MELISSA	D - IV	FORT SMITH WATER UTILITIES	05-Dec-23
BARNES, BRICE	T - III	PFEIFFER WATER AUTHORITY BATESVILLE WATER UTILITIES	15-Nov-23
BELL, BRANDON	T - IV	CAMDEN WATERWORKS	08-Dec-23
BOWMAN, ADAM	T - II	HAZEN WATERWORKS	06-Dec-23
BRINKLEY, RAY	T - IV	N/A	28-Dec-23
BUCHOLZ, THOMAS	D - I	BENTONVILLE WATER UTILITIES	08-Nov-23
CASTRO, ISAAC	D - I	PRAIRIE GROVE WATERWORKS	27-Nov-23
CRAWLEY, BROCK	D - I	N/A	01-Dec-23
DAFFERN, JAMES	D - III	TEXARKANA WATER UTILITIES	07-Nov-23
DAUGHERTY, SHANE	T - II	COMMUNITY WATER SYSTEM	22-Dec-23
DAVIS, SHERRY	D - I	QUITMAN WATERWORKS	01-Dec-23
DELAP, CHARLES	D - II	WASHINGTON WATER AUTHORITY WWA	01-Dec-23
DILKS, DAVID	D - II	LEE COUNTY WATER ASSOCIATION	21-Nov-23
DOVE, NICHOLAS	D - I	GLENWOOD WATER DEPARTMENT	01-Dec-23
DOWDY, TRENT	T - IV	PARAGOULD MUNICIPAL UTILITIES	05-Jan-24
DYE, RAYMOND	T - IV	GRAND PRAIRIE BAYOU 2 PWA	14-Dec-23
ELDRIDGE, TISHA	D - II	BUFFALO ISLAND REG WATER DIST CARAWAY WATERWORKS	28-Dec-23
EVANS, ROBERT	T - III/D - III	CENTRAL ARKANSAS WATER	06-Dec-23
FARMER, JOHN	D - I	IMBODEN WATERWORKS	04-Dec-23
FOSTER, COLBY	D - IV	SPRINGDALE WATER UTILITIES	30-Nov-23
GLOVER, FRANKIE	D - II	BRYANT WATERWORKS	01-Dec-23
GRAHAM, RAYMOND	D - II	FAYETTEVILLE WATERWORKS	17-Nov-23
HALL, EMMETT	D - I	FAYETTEVILLE WATERWORKS	28-Nov-23
HAMILTON, MICHAEL	T - I	FORT SMITH WATER UTILITIES	01-Dec-23
HARRINGTON, GRANT	D - II	SMACKOVER WATERWORKS	14-Nov-23
JOHNSON, DILLON	D - II	COMMUNITY WATER SYSTEM	22-Dec-23
KENDRIX, TONYA	D - VSS	N/A	18-Dec-23
KIRK, ALBERT	D - II	GENTRY WATERWORKS	01-Dec-23
KNIGHT, BEN	D - II	GENTRY WATERWORKS	01-Dec-23
LEON, RAY	D - II	VAN BUREN WATERWORKS OAK GROVE WATER ASSOCIATION	28-Nov-23
MASON, ERIC	D - II	OAK GROVE WATER ASSOCIATION VAN BUREN WATERWORKS	06-Dec-23
MCCLELLAN, JAMES	D - III	CENTRAL ARKANSAS WATER	02-Jan-24
MONTROSE, DWIGHT	D - I	ARKANSAS DEPARTMENT OF HEALTH	01-Dec-23
MORAN, KADEN	T - II	SOUTHSIDE PUB WATER AUTHORITY	01-Dec-23
NEUMEIER, ERIC	D - II	CHARLESTON WATERWORKS	19-Dec-23
NEW, AARON	T - IV	LONOKE WHITE PUBLIC WATER AUTH	05-Dec-23
NIX, DANIEL	T - II	BAY WATERWORKS	09-Dec-23
OBERT, BUDDY	T - IV	BENTON-WASHINGTON REGIONAL PWA	30-Nov-23
PECKHAM, HUNTER	D - II	SPRINGDALE WATER UTILITIES	30-Nov-23
PLUMLEE, NICHOLAS	T - II	HOT SPRINGS NATIONAL PARK HOT SPR NAT PK WHITTINGTON SPR	08-Dec-23

WATER OPERATOR LICENSES ISSUED

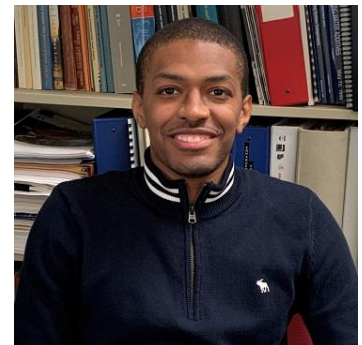
(Issued Since Fall 2023 Newsletter Edition)

LICENSEE NAME	GRADE/TYPE	SYSTEM NAME	ISSUE DATE
POST, MEGHAN	T - I	BEAVER WATER DISTRICT	01-Dec-23
POWELL, FRANKLIN	D - I	COLT WATER ASSOCIATION	01-Dec-23
RICKS, ZACHARY	D - I	GENTRY WATERWORKS	01-Dec-23
ROUSE, WILLIAM	T - I	MCCRORY WATERWORKS	01-Dec-23
RUTH, JAMES	D - II	DEQUEEN WATER WORK	28-Nov-23
SELF, JOHN	T - IV	BEAVER WATER DISTRICT	17-Nov-23
SNIDER, JUSTIN	D - I	LANXESS CORPORATION	06-Nov-23
VAN HOUDEN, MATTHEW	D - II	BENTONVILLE WATER UTILITIES	11-Dec-23
VOSS, JOSHUA	D - II	TRI-COUNTY WATER DISTBR DIST	01-Dec-23
WALKER, SHEA	T - II	ALMA WATERWORKS	06-Dec-23
WILLIAMS, CHAD	D - I	MONETTE WATERWORKS	08-Dec-23
WILLIAMS II, DAVID	D - I	OZARK WATERWORKS	08-Dec-23

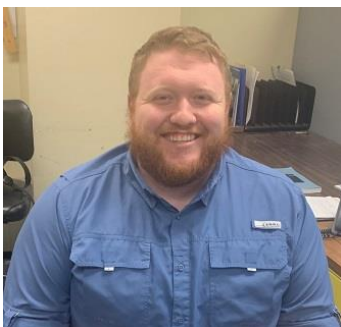
Engineering Section Staff News



Marret Lineberry (left) has joined the Section as an engineer in the District 2/8 (Central) group. Marret earned his B.S. in Biological Engineering from the University of Arkansas along with a minor in Mandarin Chinese. After graduation, Marret worked as a volunteer and in research studying sustainable rice production focusing on reducing water usage and methane production. He enjoys rock climbing, playing with his dog, and eating foreign foods (preferably spicy).



Cornelius Mayfield (right) has joined the Section as an engineer in the SWTR and D/DBP group. Cornelius recently graduated from Tuskegee University with a B.S. in Chemical Engineering. In his free time, he enjoys reading, traveling, and listening to music.



Kyle Lambert (left) has joined the Section as an engineer for District 3 (Northeast Arkansas). Kyle recently received a B.S. in Mechanical Engineering from Arkansas Tech University. He enjoys doing anything outdoors and watching football.



Tyler McCaghren-Gilbreath (right) has joined the Section as an Environmental Health Specialist in the Transient Water System group. He recently received a B.S. in Biology from the University of Central Arkansas and enjoys watching sports, weightlifting, and hanging out with friends.

Arkansas Water Operator Licensing Through May 2024 Mandatory Training Course Schedule

Please contact the course sponsor to register for course well in advance of course date this now 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
Advanced Water Treatment	3/4/24	3/17/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Intermediate Water Treatment	3/5/24	3/7/24	8:00 AM	Bismarck	Kimzey Water Plant, 482 Chestnut	ARWA
Basic Water Treatment	3/5/24	3/7/24	8:00 AM	Camden/ZOOM	AR Env Training Academy, 6287 Spellman Rd	AETA
Advanced Water Distribution	3/12/24	3/14/24	8:00 AM	Fort Smith	TBD	AETA
Advanced Water Distribution	3/18/24	3/31/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Advanced Water Distribution	3/19/24	3/21/24	8:00 AM	Clarksville	CC (Operations Bldg.) 710 East Main (Hwy 64)	ARWA
Basic Water Math	3/19/24	3/19/24	8:00 AM	Texarkana	WW Treatment Facility, 4001 South State Line	AETA
Applied Water Math	3/20/24	3/20/24	8:00 AM	Texarkana	WW Treatment Facility, 4001 South State Line	AETA
ADH Public Compliance Course	3/21/24	3/21/24	8:00 AM	Texarkana	WW Treatment Facility, 4001 South State Line	AETA
Advanced Water Treatment	3/26/24	3/28/24	8:00 AM	Benton	Benton Utilities, 1827 Dale Ave	AETA
Basic Water Math	4/1/24	4/14/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Applied Water Math	4/15/24	4/28/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Basic Water Distribution	4/16/24	4/18/24	8:00 AM	Conway	Conway Expo & Event Center, 2505 E. Oak St.	AETA
Basic Water Math	4/16/24	4/16/24	8:00 AM	Paragould	Paragould City Water & Light, 1901 Jones Rd.	ARWA
ADH Public Compliance Course	4/17/24	4/17/24	8:00 AM	Paragould	Paragould City Water & Light, 1901 Jones Rd.	ADH
Applied Water Math	4/18/24	4/18/24	8:00 AM	Paragould	Paragould City Water & Light, 1901 Jones Rd.	ARWA
Advanced Water Treatment	4/23/24	4/25/24	8:00 AM	Bismarck	Kimzey Water Plant, 482 Chestnut	ARWA
Intermediate Water Treatment	4/23/24	4/25/24	8:00 AM	Springdale	Springdale Training Facility, 525 Oak Ave	AETA
Basic Water Math	4/29/24	4/29/24	8:00 AM	Hot Springs	Convention Center (AWW&WEA Conference)	AETA
Applied Water Math	4/30/24	4/30/24	8:00 AM	Hot Springs	Convention Center (AWW&WEA Conference)	AETA
ADH PWS Compliance	4/30/24	4/30/24	8:00 AM	Hot Springs	Convention Center (AWW&WEA Conference)	AETA
Basic Water Distribution	4/30/24	5/2/24	8:00 AM	Paragould	Paragould City Water & Light, 1901 Jones Rd.	ARWA
Basic Water Treatment	5/6/24	5/19/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Intermediate Water Dist.	5/7/24	5/9/24	8:00 AM	Texarkana	WW Treatment Facility, 4001 South State Line	AETA
Basic Water Distribution	5/13/24	5/26/24	8:00 AM	Internet	www.sautech.edu/aeta	AETA
Advanced Water Treatment	5/14/24	5/16/24	8:00 AM	Lowell	Beaver Water District, 301 N Primrose Rd	AETA
Basic Water Math	5/14/24	5/14/24	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
ADH Public Compliance Course	5/15/24	5/15/24	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
Applied Water Math	5/16/24	5/16/24	8:00 AM	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	ARWA
Intermediate Water Dist.	5/21/24	5/23/24	8:00 AM	Paragould	Paragould City Water & Light, 1901 Jones Rd.	ARWA
Intermediate Water Dist.	5/21/24	5/23/24	8:00 AM	Springdale	Springdale Training Facility, 525 Oak Ave	AETA
Basic Water Math	5/28/24	5/28/24	8:00 AM	Mountain Home (Midway)	Charles R Newton Emergency Services Training Center, 170 Dillard Drive, Midway	AETA
Applied Water Math	5/29/24	5/29/24	8:00 AM	Mountain Home (Midway)	Charles R Newton Emergency Services Training Center, 170 Dillard Drive, Midway	AETA
ADH PWS Compliance	5/30/24	5/30/24	8:00 AM	Mountain Home (Midway)	Charles R Newton Emergency Services Training Center, 170 Dillard Drive, Midway	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
5/1/24	3/17/24	Hot Springs	AWW&WEA Annual Conference, Hot Springs Convention Center	9:00 AM
6/6/24	4/22/24	Centerton	Centerton Water Office-Training Room Entrance, 517 N Main	1:00 PM
6/7/24	4/23/24	Lonoke	ARWA Training Facility, 240 Dee Dee Ln	9:00 AM
6/7/24	4/23/24	Fayetteville	Fayetteville Water Operations Center, 2435 S Industrial Drive	9:00 AM
6/14/24	4/30/24	Camden	AR Environmental Training Academy, 6287 Spellman Road	9:00 AM
6/14/24	4/30/24	Bono	Bono Community Building, 241 E College St	9:00 AM
6/14/24	4/30/24	Clarksville	Clarksville Connected (Operations Building), 710 East Main (Hwy 64)	9:00 AM
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.

Cybersecurity Update

By Craig Corder, P.E., Chief Engineer

On March 3, 2023, EPA issued a memorandum requiring states to address Public Water System Cybersecurity during Sanitary Surveys or with an Alternate Process. The memorandum stated that EPA interpreted the regulatory requirements relating to sanitary surveys to require an evaluation of the cybersecurity when a public water system uses an industrial control system (commonly referred to as a SCADA system). There were multiple issues with this memo:

1. This memorandum was the first interpretation that sanitary surveys shall include cybersecurity.
2. The normal rule making process was not followed by EPA.
3. EPA guidance on sanitary surveys does not include cybersecurity.
4. There are both State and Federal Rules that require findings from sanitary surveys to be public information and subject to release with an FOIA request. Further, the Federal rules require significant deficiencies to be included in CCR's and for large systems, publicly available on the internet.
5. ADH Engineering Section staff, as most other state drinking water program staff, are generally not cybersecurity experts and not experienced nor trained for the evaluation of cybersecurity on SCADA system or on office computers.

On April 17, 2023, the Attorneys General for three states (Iowa, Arkansas, and Missouri) filed a legal petition in the US Court of Appeals Eighth Circuit to stop the implementation of the EPA memorandum on cybersecurity based on EPA not following its rule making process. Both the American Water Works Association and National Rural Water Association joined the three states legal challenge to the memorandum.

On July 12, 2023, the Court issued a stay on implementation of the requirements in the memorandum until the Court decides if the rule is legally valid. This effectively prevented the EPA from enforcing the Cybersecurity Rule.

EPA issued a memorandum dated October 11, 2023, which withdrew the March 3, 2023 Cybersecurity memorandum.

The October 11, 2023 memorandum, includes the following statement: "EPA continues to believe that adopting cybersecurity best practices at public water systems is essential to providing safe and reliable drinking water."

ADH Engineering Section concurs with the EPA Statement above from the October 11, 2023 memorandum. Both Public Water Systems and Wastewater systems which have SCADA and /or office computer systems need to implement and maintain effective cybersecurity protections.

Both the Cybersecurity & Infrastructure Security Agency (CISA) and EPA offer training and technical assistance on cybersecurity. Visit the EPA webpage for resources and assistance at: www.epa.gov/waterriskassessment/epa-cybersecurity-water-sector

The first 4 things to work on are:

1. Use Multifactor Authentication.
2. Update your software.
3. Use strong passwords.
4. Think before you click on email links.*

*Per CISA, over 90% of successful cyber-attacks start with a phishing email.

UPCOMING WATERWORKS CONFERENCES

Arkansas Water Works & Water Environment Association The Water Conference

April 28 - May 1, 2024 – Hot Springs Convention Center – Hot Springs, Arkansas

www.awwwea.org

The 2024 AWW&WEA conference to offer up to 16 contact hours of directly applicable water license training credit for full participation in the conference. The conference consists of two (2) full days of training with an exhibit hall of water industry related companies available Sunday afternoon through Tuesday morning.

If you are working on Mandatory Training courses for exam purposes, the conference, through the Arkansas Environmental Training Academy, will offer the Basic Water Math course on Monday and the 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 AWW&WEA and the training provider to attend the courses. All mandatory training 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, May 1, 2024, at 9:00 am, which requires prior registration with the ADH licensing office by March 17, 2024.

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 expected to be 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 expected to be 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.

Major Monitoring, MCL, Treatment Technique, & Licensing Violations

Community & Nontransient Noncommunity Public Water Systems, July – September 2023

AR ST PARK – QUEEN WILHELMINA	OperLic 9	NORTHERN OHIO WATER ASSN	Bmon 8, 9
ARKANSAS CITY WATER	DBPR 7, 8, 9	OLA WATERWORKS	DBPR 7, 8, 9
BEAVERFORK PWA	DBPR 7, 8, 9	OZAN CREEK WATER	DBPR 7, 8, 9
BOIS D'ARC WATER SYSTEM	Bmon 7, 8, 9	PICKENS WATERWORKS	Bmon 9
BOIS D'ARC WATER SYSTEM	OperLic 7, 8, 9	PLUMERVILLE WATERWORKS	Dmon 8
BOIS D'ARC WATER SYSTEM	PN 7, 8, 9	POTTSVILLE WATER ASSN	Bmon 9
BONANZA WATERWORKS	TMCL 7, 8, 9	PRAIRIE GROVE WATER	DBPR 7, 8, 9
CASH WATERWORKS	Bmon 9	PYATT WATERWROKS	OperLic 7, 8, 9
CENTERTON WATERWORKS	Bmon 7	PYATT WATERWORKS	PN 9
COLT WATER ASSN	Bmon 8	SALEM WATER USERS LLC	Dmon 8
COMPTON WATERWORKS	OperLic 7, 8, 9	SILOAM SPRINGS WATER	Bmon 7
COMPTON WATERWORKS	PN 9	ST FRANCIS RIVER REG WATER	Bmon 9
COTTONWOOD WATER ASSN	OperLic 7	STRONG WATERWORKS	GWRTT 7, 8, 9
DEER WATER ASSN	BTT 9	STRONG WATERWORKS	PN 7, 8, 9
DEVALLS BLUFF WATERWORKS	Bmon 8, 9	STRONG WATERWORKS	Bmon 9
ELAINE WATERWORKS	Bmon 9	SWIFTON WATERWORKS	OperLic 7, 8, 9
FOUKE WATERWORKS	PN 9	WALNUT HILL WATER ASSN	DBPR 7, 8, 9
FOUKE WATERWORKS	Bmon 7, 8, 9	WEST HELENA WATER	OperLic 7, 8, 9
FULTON WATERWORKS	Bmon 7, 8, 9	WEST HELENA WATER	PN 7, 9
HAPPY FEET LEARNING CENTER	Bmon 8	WILLISVILLE WATERWORKS	OperLic 7
HELENA WATERWORKS	OperLic 7, 8, 9	WINTHROP WATER ASSN	OperLic 7
HELENA WATERWORKS	PN 7, 9	WINTHROP WATER ASSN	Bmon 7
HOSANNA HEIGHTS WATER	Bmon 7, 9	WOOSTER WATERWORKS	Dmon 7
HOSANNA HEIGHTS WATER	GWRmon 8, 9	YARBRO WATERWORKS	Bmon 9
HOSANNA HEIGHTS WATER	OperLic 7, 8, 9		
HWY 4 24 WATER ASSN	OperLic 7		
HWY 4 24 WATER ASSN	Dmon 7		
KENSETT WATERWORKS	Bmon 7		
LAKE CHICOT WATER ASSN	DBPR 7, 8, 9		
LAKE LUCERNE ESTATES	BTT 7		
LAKE LUCERNE ESTATES	OperLic 8, 9		
LAKE TABLE ROCK ESTATES	Bmon 7		
LAKE VIEW MUNICIPAL WATER	Dmon 8, 9		
LAKESIDE WATER ASSN	DBPR 7, 8, 9		
LEAD HILL WATERWORKS	Bmon 7, 8, 9		
LEE COUNTY WATER ASSN	DBPR 7, 8, 9		
MADISON CO REG WATER	Tmon 7, 8		
MANSFIELD WATERWOKS	DBPR 7, 8, 9		
MORO WATERWORKS	DBPR 7, 8, 9		
MORO WATERWORKS	PN 9		
MOUNT IDA WATERWORKS	PN 9		
NORMAN WATERWORKS	DBPR 7, 8, 9		
NORTH PIKE CO RURAL WATER	Bmon 9		

KEY: Bmon = Bacti Monitoring; BMCL = Bacti MCL; BTT = Bacti Treatment Technique; CCR = Consumer Confidence Rule; Dmon = Disinfection By Product Rule Monitoring; DBPR=Disinfection By Product Rule MCL or Treatment Technique; GWRTT=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;
7 = July 2023, 8 = August 2023, 9 = September 2023

Return Service Requested

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AWW&WEA District Meetings

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

DATE	TIME	CITY	LOCATION	SPONSOR
March 2024				
			no meeting currently scheduled	AR Valley District, AWW& WEA
7	5:00 PM	TBA	TBA (Rebecca.Burkman@lrwra.com)	Central District, AWW&WEA
7	6:30 PM	Fort Smith	Western Sizzlin (5200 Townson Ave)	Western District, AWW&WEA
13	8:30 AM	Rogers	Center for Non-Profits (1200 W. Walnut)	Northwest District, AWW&WEA
14	5:00 PM	Wynne	Johnson's Cafe (329 HWY 64)	Eastern District, AWW&WEA
14	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn (6201 Batesville Blvd)	North Central District, AWW&WEA
19	6:00 PM	Crossett	Fiesta Linda (1500 MLK Jr. Dr.)	Southeast District, AWW&WEA
21	12:30 PM	Jonesboro	Ron's Catfish (3213 Dan Ave)	Northeast District, AWW&WEA
28	6:00 PM	Camden	The River Woods (650 Terminal Rd)	Southwest District, AWW& WEA
April 2024				
			no meeting scheduled	AR Valley District, AWW& WEA
			no meeting scheduled	Eastern District, AWW&WEA
			no meeting scheduled	Southeast District, AWW&WEA
4	5:30 PM	TBA	TBA (Rebecca.Burkman@lrwra.com)	Central District, AWW&WEA
4	6:30 PM	Fort Smith	Western Sizzlin (5200 Townson Ave)	Western District, AWW&WEA
10	8:30 AM	Lincoln	American Legion (104 E. Park St.)	Northwest District, AWW&WEA
11	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
18	12:30 PM	Paragould	Grecian Steakhouse (210 Airport Rd.)	Northeast District, AWW&WEA
25	6:00 PM	Smackover	Municipal Building (201 E 7 th Street)	Southwest District, AWW& WEA
May 2024				
			no meeting scheduled	AR Valley District, AWW& WEA
			no meeting scheduled	Northwest District, AWW&WEA
			no meeting scheduled	Western District, AWW&WEA
2	5:30 PM	TBA	TBA (Rebecca.Burkman@lrwra.com)	Central District, AWW&WEA
9	5:00 PM	Caldwell	Catfish Island (5319 AR-1 N.)	Eastern District, AWW&WEA
9	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
16	12:30 PM	Jonesboro	Golden Corral (2405 E. Highland)	Northeast District, AWW&WEA
21	6:00 PM	Watson Chapel	Water Shop (6909 Sulphur Springs Rd)	Southeast District, AWW&WEA
23	6:00 PM	Arkadelphia	Parks Center (2555 Twin Rivers Dr.)	Southwest District, AWW& WEA