



# ARKANSAS DRINKING WATER UPDATE

Volume 38, No.3

ENGINEERING SECTION – DEPARTMENT OF HEALTH

Summer 2024

## EPA Finalizes Revised Rule for Consumer Confidence Reports

Teresa Lee, P.E.  
Technical Support Chief

EPA published the final Consumer Confidence Report Rule Revisions on May 24<sup>th</sup> of this year. The Rule’s first compliance date is January 1, 2027, with the new requirements starting with the July 1, 2027, Consumer Confidence Report (CCR). The new revisions are intended to make the information in the CCR more understandable and accessible to the public.

Under the revised Rule, water systems serving populations over 10,000 will be required to distribute the CCR biannually. The report will be due by July 1, which covers the previous calendar year, and the second report must be distributed by December 31, which adds information for January through June of the current calendar year. Any new violations, action levels, or compliance monitoring data received between January 1 and June 30 of the current year must be included in the second report. If there is no new information, the previous report must be redistributed.

Each report must contain a summary prominently displayed at the beginning of the report which includes, at a minimum, a summary of violations and compliance information; contact information for the owner, operator, or designee of the water system where consumers may obtain additional information concerning the report; directions for consumers to request a paper copy of the report; information where consumers may obtain a translated copy of the report; and, if the report is being used to meet the public notification requirement, a brief statement about the nature of the notice, and how to locate the notice in the report. The summary must also include a paragraph to encourage the distribution of the report to persons who may not have received the report directly.

Other changes include:

- An explanation on corrosion control treatment, if installed
- An informational statement about lead in drinking water
- A notification to customers on how they can access lead tap sampling data
- A statement concerning the service line inventory and where it can be obtained
- A paragraph stating that drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants, and where consumers can find more information about these contaminants.
- Additional definitions and health effects language

Arkansas is one of nine states that creates a completed Consumer Confidence Report for each community water system. The ADH Engineering Section will continue to ensure all applicable information is included in the CCR to meet the previous and new requirements. Water systems will be responsible for ensuring proper distribution of the CCR is completed. These additional requirements will likely lengthen the new reports, making the electronic distribution alternative even more attractive. If you have any questions, please contact the CCR program staff at 501-661-2623.

More information is available at EPA’s website at: [www.epa.gov/ccr/consumer-confidence-report-rule-revisions](http://www.epa.gov/ccr/consumer-confidence-report-rule-revisions)

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# **Air Valve Suspected In Cryptosporidium Outbreak**

Jeff Stone, P.E.  
Engineer Supervisor

An outbreak of cryptosporidium affected the Brixham Area of the County of Devon in England during May 2024. This resulted in a boil water notice for ~17,000 households through July 8, 2024. News media has reported that the UK Health Security Agency identified 77 cases of cryptosporidium with more people reporting symptoms as of May 24, 2024. It is suspected that a damaged “air valve” located on a pipe in a field containing cattle allowed for the contamination of drinking water to occur. Cattle feces is well understood to be a potential source of cryptosporidium contamination.

Air relief valves are a common feature found in water system distribution systems. They are typically located at high elevation points on pipes and are used to release air from the piping system and thus allowing the system to hydraulically function normally. Air entrapped in the piping at high points can reduce or prevent the normal flow of water in the piping and must be removed.

Ten State Standards recommended design standards contain a section for air relief valves. These standards incorporate elements that are intended to prevent contamination of drinking water from occurring through these valves. These include the following:

- 1) Use of manually operated air relief valves are preferred over automatic valves whenever possible.
- 2) Automatic air relief valves shall not be used in situations where flooding of the chamber may occur unless equipped with an inflow preventer conforming to AWWA Standard C 514.
- 3) The open end of an air relief pipe from a manually operated valve should be extended to the top of the pit and provided with a screened, downward facing elbow if drainage is provided for the manhole.
- 4) The open end of an air relief pipe from automatic valves shall be: a) extended to at least one foot above grade and provided with a screened, downward facing elbow, or b) equipped with an inflow preventer conforming to AWWA Standard C 514.

When locating air relief valves, there are several issues that should be considered. Whenever possible, water systems should attempt to avoid known sanitary hazards when locating air release valves. As can be seen from the incident at Brixham, cattle feces is a risk and ground water or rainwater can wash cattle dung into a valve pit or manhole and thus come in contact with the air valve. Also, manually operated air relief valves are preferred, and this type ensures that conditions will be monitored by the water system when a manual valve is utilized. Some water systems, with larger pipe sizes, may be able to utilize fire hydrant installations to manually release air. While fire hydrants are possibly more expensive, they may also be less vulnerable to damage from bush hog type mowers compared to smaller air relief piping from an air relief valve. Use of fire hydrants on larger lines also ensures water system observation when utilized.

## **LCRR Deadline for Service Line Inventories is Fast Approaching**

If you are a large water system, or a small or medium water system that did not request assistance with your inventory, please submit your inventory by the October 16, 2024 Lead and Copper Rule Revisions (LCRR) compliance date through the Engineering Section’s file transfer portal located at:

<https://health.arkansas.gov/Eng/HomePage.aspx>

Water systems are required to directly notify the affected customers if they have an identified lead service line or a galvanized line that needs replacement per the LCRR. Additionally, systems are required to notify all customers if they have any service lines of unknown materials. If you have service lines of unknown material, please place the following message and webpage link on your November 2024 water bill to fulfill this requirement.

“If your service line was installed before 1989, it may contain lead. Find more info at the following webpage: <https://health.arkansas.gov/eng/sl.pdf>”

If you have questions, please contact Kaleb Lee or Jack Wilson with our office at 501-661-2623.

## Engineering Section Staff News



Carson Beeching (left) has joined the Section as an Environmental Health Specialist for Districts 2 & 8 (Central). Carson received a B.S. in Public Health from Southern Arkansas University. She plans to graduate in December of 2024, with a Master of Public Health from the University of Arkansas for Medical Sciences. Carson loves to paint and spend time with her 17 lb. cat.



Parker Benefield (right) has joined the Section as an Environmental Health Specialist for water system Capacity Development assistance program. Parker received a B.S. in Biology from the University of Central Arkansas in 2024. While attending college, he was a member of UCA Track and Field. He enjoys spending his free time playing games with his friends and family and traveling.

## Water Sample Technician Positions Available

The ADH Engineering Section is seeking applicants for two (2) Water Sample Technician positions. These positions are responsible for collecting water samples from public water systems for compliance with Safe Drinking Water Act requirements. Must have valid driver's license and ability to lift 50 pounds.

Apply at [ARCareers.arkansas.gov](https://arcareers.arkansas.gov) - Engineer Technician position# **22105470**.

Contact Susan Corder at 501-661-2623 for more information.

## UPCOMING WATER CONFERENCES

### Arkansas Rural Water Association

### 46<sup>th</sup> Annual Technical Conference & Exhibition

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

[www.arkansasruralwater.org](http://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](http://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.

# 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 July 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.

### July 11, 2024 Meeting

#### Members present:

Jeff Ford, Chair, Kimzey Regional Water (2025)  
Sharon Sweeney, Chair Elect, 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)  
James Whisenhunt III, Texarkana Utilities (2030)  
Lance Jones, P.E., Executive Secretary; ADH

#### Department of Health (ADH) Staff & Guests present:

Reginald Rogers, Attorney, ADH  
Robin Lynch, Administrative Specialist, ADH  
Jeremy Rowe, Assistant Director, AETA  
Chris Harris, Deputy Director, ARWA  
Dalton Smith, East Newton County Water  
Tamara Henderson, East Newton County Water

Brian Nichols, Attorney, ADH  
Deborah Reagan, Attorney Specialist, ADH  
Heather Parker-Foster, Training and Cert Officer, ADH  
Jack Gregg, Training Coordinator, ADH  
Farren Smith, East Newton County Water  
Karen Smith, East Newton County Water  
Tommy Flood, East Newton County Water

The meeting was called to order by Jones, who then asked everyone to introduce themselves starting with the Committee members, staff, and guests. (See above attendance notations).

James Whisenhunt III, Chief Operator for Texarkana Water Utilities Millwood Treatment Plant was introduced to the Committee as a new official member. Rogers then reviewed the duties required of members of the Committee about reimbursable expenses pertaining to the Committee along with FOIA handbook.

Jones reviewed the nominations for the new officers and a Lloyd made a motion, with a second by Smith, to elect Ford for the 2024 Chair and Sweeney as the Chair-Elect. The motion passed.

Ford requested review of the minutes for the April 11, 2024 meeting. A motion was received from Lloyd to approve the minutes, Hammond provided the second, and the motion was passed. Ford noted one (1) high school waiver listed in the agenda.

Dalton Smith answered questions about his reason for waiver request and water system operation experience. East Newton County

Water Board members, Farren Smith and Tommy Flood, spoke in support of Smith and the waiver request. Lloyd provided a motion to approve the waiver. Smith provided the second and the motion was passed.

#### Old Business

There was no old business to discuss.

#### New Business

Parker-Foster stated that the Licensing Program is working on the annual report for FY24 and will be submitted to the EPA by August 1, 2024 deadline.

#### Committee Reports

Jones stated that the Agency's budget is finalized for this fiscal year and that the current program funding was adequate. The Section is requesting additional contract appropriations to update the source water protection software models and for small water infrastructure GIS mapping.

Jones reported that EPA released the final rule on six (6) Per- and Polyfluoroalkyl Substances (PFAS) in April 2024. 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 (3) of the other chemicals are assigned MCLs of 10 ppt each. Perfluorobutane



Sulfonic Acid (PFBS) does not have an individual MCL but is included with the three (3) chemicals that have MCLs of 10 ppt in the Health Index (HI) standard as the enforceable level for their combined concentrations.

EPA also released the Consumer Confidence Report Rule (CCR) revisions in May 2024 which require two (2) CCR reports each year for large water systems and inclusion of additional lead and copper information.

EPA proposed the Water System Restructuring Assessment Rule that would require the States to implement a plan to perform restructuring assessments for water systems with ongoing compliance violations. The Rule proposes to address water systems that have challenges in their operational and financial management. The Engineering Section is currently working with the Natural Resources Division (NRD) which offers funding incentives and priority for water system consolidations.

The revisions to the Rules Pertaining to Water Operator Licensing completed all reviews and approvals and became effective on March 25, 2024.

Enforcement hearings were held in June for three (3) water systems for ongoing violations of drinking water requirements. The proposed orders will be presented to the Board of Health on July 25, 2024 for the Helena, West Helena and Strong water systems.

Parker-Foster provided an exam report indicating that there were 214 license exams during the second quarter of 2024, with an overall 43 percent passage rate. License applications continue to be received in above average numbers.

Rowe reported that AETA provided 720 hours of water training with a total of 54 classes with 491 students from January – June 2024.

ARWA submitted a written report that stated that 328 total hours of training were provided and a total of 1466 students were in attendance from January – June 2024.

**Other Business**

Ford requested information regarding the next Committee meeting date and set it for October 10, 2024 at Freeway Medical Tower, in Little Rock, AR. Ford received a motion to adjourn the meeting from Smith. Whisenhunt provided the second and the motion passed.

**WATER OPERATOR LICENSES ISSUED**  
(Issued Since Spring 2024 Newsletter Edition)

LICENSEE NAME	GRADE/TYPE	SYSTEM NAME	ISSUE DATE
ACLIN KEVIN	T - III	LAKEVIEW MIDWAY PUBLIC WATER	17-Apr-24
AUSTIN SAMUEL	T - IV	BEAVER WATER DISTRICT	30-Apr-24
	D - IV	BEAVER WATER DISTRICT	28-Jun-24
BARNES ALVIN	D - IV	TRI COUNTY RWDD -MOORES CHAPEL	14-Jun-24
BARNES ALVIN		TRI-COUNTY WATER DISTBR DIST	
BARTON ROBERT	D - I	SEBASTIAN LAKE UTILITY	14-Jun-24
BAUGH BRADLEY	D - II	ARSENAL WATER SYSTEM	03-Jun-24
BROWN BRADEN	D - II	BENTONVILLE WATER UTILITIES	28-Jun-24
BURNETT JOHN	D - III	FAYETTEVILLE WATERWORKS	19-Apr-24
CARTMELL FLOY	D - IV	MADISON CO WATER FACILITIES BD	07-Jun-24
CARVER WILLIAM	D - III	SEVIER CO WATER ASSOCIATION	02-Jul-24
CATES MARK	D - II	GUY WATERWORKS	07-Jun-24
CAGLE CHRISTOPHER	T - IV	TEXARKANA WATER UTILITIES	17-Jun-24
	D - IV	TEXARKANA WATER UTILITIES	17-Jun-24
CLARK CHRISTOPHER	D - IV	SPRINGDALE WATER UTILITIES	03-Jul-24
COFFMAN RICKY	D - VSS	EDGEWOOD BAY WATER	25-Apr-24
CONVERSE JAMES	D - II	POCAHONTAS WATERWORKS	14-Jun-24
COOK GARRETT	T - II	PIGGOTT WATERWORKS	10-Jul-24
CRIGLER BRIAN	D - II	PRAIRIE GROVE WATERWORKS	28-Jun-24

# WATER OPERATOR LICENSES ISSUED

(Issued Since Spring 2024 Newsletter Edition)

LICENSEE NAME	GRADE/TYPE	SYSTEM NAME	ISSUE DATE
DAFFERN JAMES	T - IV	TEXARKANA WATER UTILITIES	08-Jul-24
DAUGHERTY Jerry	T - I	BOONEVILLE DEVELOPMENT CENTER	14-Jun-24
DAUGHERTY SHANE	T - IV	COMMUNITY WATER SYSTEM	28-May-24
DEAN DANIEL	T - II	ANTOINE WATERWORKS	15-Apr-24
		DELIGHT WATERWORKS	
DISHEROON KELLY	D - III	BERRYVILLE WATERWORKS	25-Apr-24
		GREEN FOREST WATERWORKS	
DOCKINS TREVOR	D - I	CAVE CITY WATERWORKS	22-Apr-24
DORSEY JOHNATHON	T - IV	SILOAM SPRINGS WATERWORKS	17-May-24
	D - IV	SILOAM SPRINGS WATERWORKS	17-May-24
DROMGOOLE DARRYL	T - IV	JONESBORO WATER SYSTEM	26-Apr-24
	D - IV	JONESBORO WATER SYSTEM	07-Jun-24
ELDRIDGE TISHA	T - II	BUFFALO ISLAND REG WATER DIST	28-Jun-24
		CARAWAY WATERWORKS	
FARRIS GREG	D - IV	FORT SMITH WATER UTILITIES	02-Jul-24
FIELDS CALEB	T - II	MULBERRY WATERWORKS	24-Apr-24
FROST ZACHARY	D - III	MONTICELLO WATER DEPARTMENT	10-Jul-24
GEORGE JERRED	D - I	BENTON WATERWORKS	28-Jun-24
GLADISH GLENN	T - II	DEVALLS BLUFF WATERWORKS	17-May-24
		GRAND PRAIRIE REGIONAL WATER	
GREEN RYAN	D - I	LAWRENCE CO REG WATER DIST	24-May-24
GREER WYLE	T - II	MAYNARD WATERWORKS	01-May-24
GREGOR JOSHUA	T - IV	HOT SPRINGS UTILITIES	03-Jun-24
HALL JOSEPH	D - IV	BENTON-WASHINGTON REGIONAL PWA	03-Jun-24
HARDERSON TRENT	D - II	FAYETTEVILLE WATERWORKS	24-May-24
HART JEFFERY	D - I	PECO FOODS	16-May-24
HARVEY CHRISTOPHER	T - IV	SHUMAKER PUBLIC SERVICE CO	07-Jun-24
HATCH JOSHUA	D - VSS	POCAHONTAS WATERWORKS	17-Jun-24
HOOTEN WILLIAM	D - I	GREENBRIER WATERWORKS	07-Jun-24
HORTON BRADLEY	D - I	MARMADUKE WATERWORKS	10-May-24
HOWARD BLANE	T - II	DOGWOOD WATER ASSOCIATION	28-Jun-24
JONES STEVE	D - II	ARKANSAS CITY WATERWORKS	07-Jun-24
		GREEN HILL-BROOKS CHAPEL WATER	
		ENON WATER ASSOCIATION	
LANE JAMES	T - II	CROSSETT WATER COMMISSION	01-May-24
		WEST ASHLEY COUNTY WATER ASSN	
LANE JAMES	D - II	CROSSETT WATER COMMISSION	04-Jun-24
		WEST ASHLEY COUNTY WATER ASSN	
LANE JOHN	D - I	BRADFORD WATERWORKS	07-Jun-24
LILLIE CHAD	D - I	BENTON WATERWORKS	28-Jun-24
LINDSEY CODY	D - II	POCAHONTAS WATERWORKS	14-Jun-24
LINGO JOSHUA	D - II	VAN BUREN WATERWORKS	30-Apr-24
LONG BILL	D - III	MOUNTAIN VIEW WATERWORKS	15-May-24
LOWE PERRY	D - III	CENTERTON WATERWORKS	06-Jun-24
MARCHANT KEITH	T - II	WALDRON WATERWORKS	07-Jun-24
MASON ERIC	D - IV	OAK GROVE WATER ASSOCIATION	20-Jun-24
		VAN BUREN WATERWORKS	
MCGEE JAIME	D - VSS	ARK ST PARK-QUEEN WILHELMINA	24-Apr-24
MCGUFFIN RYAN	D - IV	ROGERS WATER UTILITIES	06-Jun-24
MCINTYRE CLARK	D - IV	HOT SPRINGS UTILITIES	07-Jun-24
MICHELIS JOACHIM	T - I	SW WARREN WATER ASSOCIATION	14-Jun-24
		CORINTH VALLEY WATER SYSTEM	
		WARREN WATERWORKS	
MILLER JEFFERY	D - I	NO PWS LISTED	07-Jun-24
MONTROSE DWIGHT	T - I	NO PWS LISTED	07-Jun-24
MORRIS BAILEY	D - II	CHEROKEE VILLAGE WATER ASSOC	28-Jun-24
NAPIER JOSHUA	D - IV	SILOAM SPRINGS WATERWORKS	05-Jul-24
NGUYEN TAYLOR	D - IV	FORT SMITH WATER UTILITIES	12-Jun-24
OCHSNER PATRICIA	D - VSS	NO PWS LISTED	01-May-24
ORR RONALD	D - I	USCOE DG ALPINE RIDGE	07-Jun-24
PAGE MARKUS	D - III	WYNNE WATERWORKS	07-Jun-24
PARSONS TAYLOR	D - I	VAN BUREN WATERWORKS	10-Jul-24
		OAK GROVE WATER ASSOCIATION	

# WATER OPERATOR LICENSES ISSUED

(Issued Since Spring 2024 Newsletter Edition)

LICENSEE NAME	GRADE/TYPE	SYSTEM NAME	ISSUE DATE
PEREZ ADAN	D - IV	ROGERS WATER UTILITIES	29-May-24
PETERSON KALIN	T - II	KIMZEY REGIONAL WATER DISTRICT	28-Jun-24
PHIFER SAMUEL	T - IV	NO PWS LISTED	18-Apr-24
PINKSTON GREGORY	T - IV	JONESBORO WATER SYSTEM	26-Apr-24
	D - IV	JONESBORO WATER SYSTEM	01-Jul-24
POWERS WILLIAM	T - I	BRINKLEY WATERWORKS	04-Jun-24
REED PHILLIP	D - II	ARSENAL WATER SYSTEM	06-Jun-24
	T - II	ARSENAL WATER SYSTEM	14-Jun-24
REID JOHN	D - IV	BOONEVILLE WATERWORKS	30-May-24
	T - IV	BOONEVILLE WATERWORKS	08-Jul-24
RUTHVEN MITCHELL	T - IV	PARAGOULD MUNICIPAL UTILITIES	26-Apr-24
SCHALES JACOB	D - IV	CHEROKEE VILLAGE WATER ASSOC	24-May-24
SHARRAH JEREMY	D - IV	VAN BUREN WATERWORKS	07-May-24
		OAK GROVE WATER ASSOCIATION	
SHEPARD KEITH	D - I	ASH FLAT WATER COMPANY	07-Jun-24
SUTTERFIELD JEREMY	D - II	JUDSONIA WATERWORKS	07-Jun-24
TAPP DUSTIN	D - II	FOUR MILE HILL PUBLIC FACILITIES BOARD	14-Jun-24
TAYLOR BRANDON	T - I	TAYLOR WATERWORKS	24-Jun-24
TOSH BRENT	D - II	NO PWS LISTED	07-Jun-24
TURNER SEAN	T - I	NO PWS LISTED	01-May-24
WENGERT EVAN	D - IV	BENTON WATERWORKS	22-Jun-24
WHITFIELD JOE	D - II	SPRINGDALE WATER UTILITIES	07-Jun-24
WILLIAMS ALEX	D - IV	CENTRAL ARKANSAS WATER	23-May-24
WILLIAMS JOSHUA	D - II	SOUTHSIDE PUB WATER AUTHORITY	07-Jun-24
WINELAND BRITT	T - II	ST FRANCIS RIVER REG WATER DD	14-Jun-24
WOOD CODY	D - II	GENTRY WATERWORKS	07-Jun-24
WOODY AUSTIN	D - II	BENTONVILLE WATER UTILITIES	24-May-24
WOOLDRIDGE PAYTON	T - I	CAVE CITY WATERWORKS	02-Jul-24
WYRICK RICKEY	D - I	TAYLOR WATERWORKS	13-May-24

## 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](http://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. Paper-based exam sessions for 2025 are currently being scheduled and will be available in future editions of this Update as well as on our website (address link below).

EXAM DATE	REGISTER DEADLINE	CITY	LOCATION	TIME
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>

**Note: You must register for the exam 45 days in advance. Application for License is not registration for an exam.**

# Arkansas Water Operator Licensing Through December 2024 Mandatory Training Course Schedule

Please contact the course sponsor to register in advance of the course date, this also includes PWS Compliance Course registration, on their respective course registration website.

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	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	<a href="http://www.sautech.edu/aeta">www.sautech.edu/aeta</a>	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	<a href="http://www.sautech.edu/aeta">www.sautech.edu/aeta</a>	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
Basic Water Math	10/1/24	10/1/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ARWA
Basic Water Distribution	10/1/24	10/3/24	8:00 AM	Fayetteville	Utilities Operations Center 2435 S Industrial Dr	AETA
ADH PWS Compliance	10/2/24	10/2/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ADH/ARWA
Applied Water Math	10/3/24	10/3/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ARWA
Intermediate Water Treatment	10/7/24	10/20/24	8:00 AM	Internet	<a href="http://www.sautech.edu/aeta">www.sautech.edu/aeta</a>	AETA
Intermediate Water Distribution	10/14/24	10/27/24	8:00 AM	Internet	<a href="http://www.sautech.edu/aeta">www.sautech.edu/aeta</a>	AETA
Intermediate Water Distribution	10/15/24	10/17/24	8:00 AM	Siloam Springs	American Legion Center 110 N. Mt. Olive St.	ARWA
Basic Water Treatment	10/15/24	10/17/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	AETA
Basic Water Distribution	10/19/24	10/21/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ARWA
Basic Water Math	10/22/24	10/22/24	8:00 AM	Camden	AR Env Training Academy 6287 Spellman Rd	AETA
Applied Water Math	10/23/24	10/23/24	8:00 AM	Camden	AR Env Training Academy 6287 Spellman Rd	AETA
ADH PWS Compliance	10/24/24	10/24/24	8:00 AM	Camden	AR Env Training Academy 6287 Spellman Rd	ADH/AETA
Intermediate Water Treatment	10/29/24	10/31/24	8:00 AM	Clarksville	CC (Operations Bdg. 710 East Main (Hwy 64 E.)	AETA
Advanced Water Treatment	11/4/24	11/17/24	8:00 AM	Internet	<a href="http://www.sautech.edu/aeta">www.sautech.edu/aeta</a>	AETA
Intermediate Water Distribution	11/5/24	11/7/24	8:00 AM	Springdale	Springdale Training Facility 525 Oak Avenue	AETA
Advanced Water Distribution	11/12/24	11/24/24	8:00 AM	Internet	<a href="http://www.sautech.edu/aeta">www.sautech.edu/aeta</a>	AETA
Basic Water Distribution	11/12/24	11/14/24	8:00 AM	Mountain Home	Charles R Newton Emergency Serv Training Center 170 Dillard Drive, Midway	AETA
Advanced Water Treatment	11/19/24	11/21/24	8:00 AM	Conway	Conway Expo & Event Center 2505 E. Oak St.	AETA
Basic Water Distribution	11/19/24	11/21/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ARWA
Basic Water Math	11/25/24	12/8/24	8:00 AM	Internet	<a href="http://www.sautech.edu/aeta">www.sautech.edu/aeta</a>	AETA
Applied Water Math	12/2/24	12/15/24	8:00 AM	Internet	<a href="http://www.sautech.edu/aeta">www.sautech.edu/aeta</a>	AETA
Basic Water Distribution	12/3/24	12/5/24	8:00 AM	Conway	Conway Expo & Event Center 2505 E. Oak St.	AETA
Intermediate Water Distribution	12/10/24	12/12/24	8:00 AM	Lonoke	ARWA Training Facility 240 Dee Dee Ln	ARWA
Basic Water Math	12/10/24	12/10/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	AETA
Applied Water Math	12/11/24	12/11/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	AETA
ADH PWS Compliance	12/12/24	12/12/24	8:00 AM	Camden/Zoom	AR Env Training Academy 6287 Spellman Rd	ADH/AETA

AETA website: [www.sautech.edu/aeta/](http://www.sautech.edu/aeta/)

ARWA website: [www.arkansasruralwater.org](http://www.arkansasruralwater.org)



## **Environmental Reviews for SRF Funded Projects**

Amy Theriac  
Program Outreach Coordinator  
Natural Resources Division  
Arkansas Department of Agriculture

The Arkansas Department of Agriculture's Natural Resources Division administers the Clean Water State Revolving Loan Fund (CWSRF) or Drinking Water State Revolving Loan Fund (DWSRF). An Environmental Review is a program requirement for projects funded by CWSRF or DWSRF to ensure that the public and environmental cross-cutting agencies can participate in the decision-making process. This process is essential to help eliminate project delays due to applicable environmental regulations.

### *What do You do and what do We do?*

The recipient/consultant, during the application phase of their project, consults with the Natural Resources Division's environmental review coordinator to help determine which level of environmental review is going to be required for a specific project, either a Categorical Exclusion (CE) or an Environmental Assessment (EA).

There are established criteria, when met, which allows for a project to be considered excluded from a more full and substantive environmental review process. These are called "CEs". Once a recipient has been granted a CE there are no other environmental requirements to be met. Most of the projects funded by the Natural Resources Division fall under this "CE" category. The criteria to assist the recipient's pursuit of a CE determination can be found on the Natural Resources Division's website:

[www.agriculture.arkansas.gov/natural-resources/divisions/water-development/environmental-review-guidance](http://www.agriculture.arkansas.gov/natural-resources/divisions/water-development/environmental-review-guidance)

The types of projects eligible for a CE include: Linework rehabilitation, treatment plant repairs, manhole replacements, minor upgrading and system expansion, and new minor ancillary facilities located on the same property as existing facilities.

What if your project isn't eligible for a CE? If your project isn't eligible for a CE, an environmental information document (EID) will be required. An EID is a more thorough investigation of the project's scope and covers the exploration of alternatives, possible impacts of the proposed project, public participation through environmental crosscutter correspondence and a public meeting. There is an online template on the Natural Resources Division's website that directs the entity on what information is needed to complete the EID. The types of projects that typically require an EID include new treatment plants, new linework, projects that significantly change the National Pollutant Discharge Elimination System (NPDES) permit or increase capacity at the plant significantly and those which cannot avoid mitigation among others.

Once an EID has been reviewed and determined to be a final and an approved version the environmental review coordinator begins drafting a Finding of No Significant Impact (FNSI) and an accompanying Environmental Assessment (EA). The FNSI will be published in a newspaper (Arkansas Democrat Gazette) by the Natural Resources Division and a 30-day comment period is allowed before the Natural Resources Division's decision is considered final. The Natural Resources Division's decision must be finalized prior to loan closing or construction takes place on the project.

The process of obtaining an environmental review determination can be time consuming and requires correspondence with federal and state environmental cross-cutting agencies. Often, this correspondence can lead to required archaeological surveys, wetland delineations and Native American Tribal consultations. The Natural Resources Division's environmental review coordinator will assist and guide the recipient through these processes.

## **Enforcement Hearings Held for Six Water Systems**

Enforcement hearings were held for three (3) water systems on June 26, 2024 for ongoing violations of drinking water requirements. The hearings were conducted by a subcommittee of the Arkansas State Board of Health at the Arkansas Department of Health offices at the Freeway Medical Building in Little Rock. The findings from the subcommittee were presented to the full State Board of Health at their July 25, 2024 meeting. The Orders were formally adopted by the Board and became effective on that date.

The following is a summary of the Orders for the three (3) water systems:

1. Order of acceptance of a Consent Decree for West Helena Waterworks with a modified administrative penalty and quarterly updates to be provided to the Department. The Decree assesses a penalty of \$450,800 which is suspended conditioned on compliance with the Decree and Order. Requirements of the Decree include obtaining a qualified operator within 90-days, address identified Significant Deficiencies within 30-days, perform public notice of violations when required, provide a long-range plan addressing needed infrastructure improvements within 90-days, and implement the infrastructure improvements within approved timelines.
2. Order of acceptance of a Consent Decree for Helena Water and Sewer with a modified administrative penalty and quarterly updates to be provided to the Department. The Decree assesses a penalty of \$234,200 which is suspended conditioned on compliance with the Decree and Order. Requirements of the Decree include obtaining a qualified operator within 90-days, perform public notice of violations when required, provide a long-range plan addressing needed infrastructure improvements within 90-days, and implement the infrastructure improvements within approved timelines.
3. Order for Strong Waterworks to correct identified Significant Deficiencies within 90-days, pay \$3,333.60 for past due Public Water System Service Fees. The Order assesses a penalty of \$185,400 which is suspended conditioned on continued compliance with drinking water requirements.

Additional enforcement hearings were held for three (3) other water systems on July 31, 2024 for ongoing violations of drinking water requirements. The recommendations from the subcommittee findings for Compton Water Association, Fouke Waterworks and Hosanna Heights Water will be presented to the full State Board of Health at their meeting scheduled for October 24, 2024. If Adopted, the Orders will become effective on that date.

## **EPA proposes the Water System Restructuring Assessment Rule**

On May 29, 2024, the US Environmental Protection Agency (EPA) published the proposed Water System Restructuring Assessment Rule under the Safe Drinking Water Act (SDWA). The proposed Rule is intended to meet the provisions included in Section 1414(h) of the America's Water Infrastructure Act (AWIA) passed by Congress in 2018. These provisions provide a structure for states and water systems to identify, evaluate, and implement restructuring alternatives.

The proposed Rule requires States or other SWDA primacy entities to develop and implement a program to conduct restructuring assessments for water systems with ongoing issues with non-compliance of SDWA requirements. Water systems may develop a restructuring plan based on the assessment results. Implementation of the plan may be used to address compliance with drinking water requirements and offers enforcement relief and funding incentives under the State Revolving Funding (SRF) for systems that implement a restructuring plan for this purpose.

EPA accepted comments on the proposed Rule through July 29, 2024 and expects to publish a final Rule in 2025. More information on the proposed Rule can be found on EPA's website at:

[www.epa.gov/dwcapacity/water-system-restructuring-assessment-rule](https://www.epa.gov/dwcapacity/water-system-restructuring-assessment-rule)

# Major Monitoring, MCL, Treatment Technique, & Licensing Violations

Community & Nontransient Noncommunity Public Water Systems, January – March 2024

ALTHEIMER WATERWORKS	Bmon 1	KINGSLAND WATERWORKS	GWRmon 3
ALTHEIMER WATERWORKS	PN 3	LAKE LUCERNE ESTATES	PN 1
ANTOINE WATERWORKS	OperLic 1, 2, 3	LAKE VIEW WATER	Bmon 3
ANTOINE WATERWORKS	PN 1, 3	LAKESHORE ESTATES	OperLic 1
ARK ST PARK – QUEEN WILHELMINA	OperLic 1, 2, 3	LAKESHORE ESTATES	PN 3
ARK ST PARK – QUEEN WILHELMINA	PN 3	LAKESHORE ESTATES	Bmon 1
ARKANSAS CITY WATER	DBPR 1, 2, 3	LAKESHORE ESTATES	DBPR 1, 2, 3
BANKS WATERWORKS	Bmon 3	LAKESIDE WATER ASSN	RMCL 1
BELLEVILLE WATER	PN 3	LAURELWOOD HOA	Dmon 1, 3
BLUEBIRD WATER, LLC	Bmon 2	LEAD HILL WATERWORKS	OperLic 3
BOIS D'ARC WATER SYSTEM	Bmon 1, 2, 3	LEAD HILL WATERWORKS	PN 3
BOIS D'ARC WATER SYSTEM	OperLic 1, 2, 3	LEATHERWOOD VIEW ESTS	DBPR 1, 2, 3
BOIS D'ARC WATER SYSTEM	PN 1, 3	LEE COUNTY WATER ASSN	Bmon 3
BONANZA WATERWORKS	TMCL 1, 2, 3	MOCKINGBIRD HILL WATER	DBPR 1, 2, 3
BRECKENRIDGE UNION WA	PN 1	MORO WATERWORKS	PN 1
BRINKLEY WATERWORKS	PN 3	NAIL-SWAIN WATER ASSN	Bmon 3
CAMPBELL STATION	Bmon 2	OAK GROVE WATER	PN 1
CLARENDON WATERWORKS	OperLic 1, 2, 3	PARKIN WATERWORKS	Bmon 3
COAL HILL WATERWORKS	Bmon 2	PFEIFFER WATER AUTH.	Bmon 1
COMPTON WATERWORKS	OperLic 1, 2, 3	PICKENS WATERWORKS	OperLic 1, 2, 3
COMPTON WATERWORKS	PN 3	PICKENS WATERWORKS	Bmon 2
COTTON PLANT WATER	Bmon 1	PLEASANT VIEW WATER	PN 1
COTTON PLANT WATER	PN 3	REED WATERWORKS	GWRTT 1, 2, 3
DANVILLE WATERWORKS	TMCL 1, 2	STRONG WATERWORKS	PN 1, 3
DEER WATER ASSN	PN 1, 3	STRONG WATERWORKS	Bmon 1
DELIGHT WATERWORKS	OperLic 1, 2, 3	SW BOONE COUNTY WATER	OperLic 1, 2, 3
DELIGHT WATERWORKS	PN 3	SW REGIONAL CAMP	OperLic 1, 2
DEVALLS BLUFF WATER	PN 3	SWIFTON WATERWORKS	OperLic 1, 2, 3
EAST LOGAN CO RURAL	DBPR 1, 2, 3	TAYLOR WATERWORKS	Bmon 1, 2
ELAINE WATERWORKS	Bmon 3	TAYLOR WATERWORKS	Bmon 2
FIFTY-SIX WATERWORKS	PN 1	WABBASEKA WATERWORKS	PN 3
FOUKE WATERWORKS	OperLic 1, 2, 3	WABBASEKA WATERWORKS	PN 3
FOUKE WATERWORKS	Bmon 1, 3	WALNUT HILL WATER ASSN	OperLic 1, 2, 3
FOUKE WATERWORKS	PN 1, 3	WEST HELENA WATER	PN 1
FULTON WATERWORKS	Bmon 1	WEST HELENA WATER	GWRTT 1, 2, 3
FULTON WATERWORKS	OperLic 1, 2	WEST HELENA WATER	PN 1
FULTON WATERWORKS	PN 1	WKMM RURAL WATER ASSN	DBPR 1, 2, 3
GILMORE WATERWORKS	Bmon 3	WOOSTER WATERWORKS	Bmon 1
GRASSY KNOB SID	PN 1, 3	YARBRO WATERWORKS	Bmon 1, 2
GREEN HILL-BROOKS CHAPEL WATER	Bmon 1, 2	YELLVILLE WATERWORKS	
GREEN HILL-BROOKS CHAPEL WATER	OperLic 1, 2		
GREEN HILL-BROOKS CHAPEL WATER	PN 3		
GREENWICH CENTER	Bmon 1		
HAPPY FEET LEARNING CENTER	Bmon 1		
HELENA WATERWORKS	OperLic 1, 2, 3		
HELENA WATERWORKS	PN 1		
HOSANNA HEIGHTS WATER	Bmon 1, 2, 3		
HOSANNA HEIGHTS WATER	GWRmon 1, 2, 3		
HOSANNA HEIGHTS WATER	OperLic 1, 2, 3		
HUMPHREY WATERWORKS	PN 3		
HWY 4 24 WATER ASSN	OperLic 1, 2, 3		
INDIAN SWITCH WATER ASSN	OperLic 1, 2, 3		

**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; GWRmon= GWR Monitoring or Reporting; GWRTT=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; 1 = January 2024, 2 = February 2024, 3 = March 2024

Return Service Requested

PRINTED ON RECYCLED PAPER

AWW&WEA District Meetings

See also the Engineering Section's web site [www.healthy.arkansas.com/eng/](http://www.healthy.arkansas.com/eng/) for updates.

DATE	TIME	CITY	LOCATION	SPONSOR
<b>September 2024</b>				
			no meeting scheduled	AR Valley District, AWW&WEA
5	5:30 PM	TBA	TBA (Rebecca.Burkman@lrwa.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
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
19	12:30 PM	Jonesboro	Ron's Catfish (3213 Dan Ave)	Northeast District, AWW&WEA
26	6:00 PM	Camden	SAU Tech Activity Center (14411 Carr Rd)	Southwest District, AWW&WEA
<b>October 2024</b>				
			no meeting scheduled	AR Valley District, AWW&WEA
3	5:30 PM	TBA	TBA (Rebecca.Burkman@lrwa.com)	Central District, AWW&WEA
3	6:30 PM	Fort Smith	Western Sizzlin (5200 Townson Ave)	Western District, AWW&WEA
9	8:30 AM	Eureka Springs	Best Western Inn (207 W. Van Buren -AR Hwy 62)	Northwest District, AWW&WEA
10	5:00 PM	West Memphis	City Administration Building (205 S. Redding)	Eastern District, AWW&WEA
15	6:00 PM	Monticello	Los Arcos (502 US-425)	Southeast District, AWW&WEA
17	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
17	12:30 PM	Paragould	Grecian Steakhouse (210 Airport Rd.)	Northeast District, AWW&WEA
24	6:00 PM	Waldo	Waldo Fire Department (106 E. Main)	Southwest District, AWW&WEA
<b>November 2024</b>				
			no meeting scheduled	AR Valley District, AWW&WEA
7	5:30 PM	TBA	TBA (Rebecca.Burkman@lrwa.com)	Central District, AWW&WEA
7	6:30 PM	Fort Smith	Western Sizzlin (5200 Townson Ave)	Western District, AWW&WEA
13	8:30 AM	Berryville	Community Center (601 Dr. Spurlin Cir.)	Northwest District, AWW&WEA
14	5:00 PM	Caldwell	Catfish Island (5319 AR-1 N.)	Eastern District, AWW&WEA
19	6:00 PM	TBA	TBA	Southeast District, AWW&WEA
21	5:00 PM	Pleasant Plains	Tadpole's Catfish Barn	North Central District, AWW&WEA
21	12:30 PM	Jonesboro	Golden Corral (2405 E. Highland)	Northeast District, AWW&WEA
21	6:00 PM	Hope	U of A Hope-Texarkana, Hempstead Hall	Southwest District, AWW&WEA