## **Water System Information**

The Limestone County Water and Sewer Authority (LCWSA) serves approximately 30,000 customers and provides water to the City of Ardmore, Harvest-Monrovia Water, the City of Huntsville, Minor Hill, TN, and Giles County, TN. LCWSA is governed by a 5-member board of directors who include Mr. Richard Robinson (chairman), Mr. Grady Congo (co-chairman), Mr. Bobby Jackson (secretarytreasurer). Mr. Kyle Bridgeforth, and Mr. Lakin Collins. Board of director meetings are held monthly on the fourth Thursday of the month in our board room located at 17218 Highway 72 W. Athens. AL 35611 at 10:00 am CST, with November & December held on the third Thursday due to the holidays. In the event you have any questions on the information contained within the CCR you can contact Amanda McMurray, P.E., Water Resources Engineer, at 256 -233-6445. Ext. 101 or at amcmurrav@lcwsa.com.

### Source Water Information

For our northwest and northeast pressure zones, surface water is pumped from the Elk River at the North Limestone Treatment Facility (NLTF) located approximately five miles north of Elkmont. This facility uses a coagulationsedimentation-filtration-disinfection treatment process. A source water assessment, or SWA (a tool used to generate information about potential contaminant sources and the potential for a water system to be impacted by those sources), was completed in 2009. The SWA found that the Elk River is overall considered to be a clean river. Typical pollutants are from point sources such as municipalities and industries upstream, and non-point sources such as runoff from agricultural lands and urban areas. A copy of the SWA can be found on our website at

www.limestonecountywater.com. Additional water is purchased from Athens Utilities (AU) and the Madison County Water Department (MCWD) daily to meet demands in excess of what the NLTF produces within our northern pressure

For our southern and eastern pressure zones, groundwater is pumped from our Lawson and Newby Wells to the Binford Turner Water Treatment Facility (BTTF), all located on or within proximity to Highway 31 South in Tanner. This facility utilizes ultrafiltration membranes for contaminant removal followed by disinfection. LCWSA has not completed a Wellhead Protection Plan to date due to the treatment processes we utilize. LCWSA purchases water from AU, Decatur Utilities (DU), and Huntsville Utilities (HU) to meet demand in excess of what BTTF produces in our southern and eastern pressure zones.

Detected contaminants from waters purchased from other utilities is included in our CCR. For information on their treatment processes you can find digital copies of their CCR's on their websites.

**Drinking Water Information** All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791). The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground. it dissolves naturally occurring minerals and radioactive material, and it can pick up substances resulting from the presence of animals or from human activity. Some people may be more vulnerable to contaminants in drinking water than the general population. People who are immuno-compromised such as cancer patients undergoing chemotherapy, organ transplant recipients, HIV/AIDS positive or other immune system disorders, some elderly, and infants can be particularly at risk from infections. People at risk should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791) or on EPA's website https://epa.gov/safewater.

Contaminants that may be present in source water include the

- (i) Microbiological contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- (ii) Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm run-off, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- (iii) Pesticides and herbicides, which may come from a variety of sources such as agriculture, storm water runoff, and residential
- (iv) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.
- (v) Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. To ensure that tap water is safe to drink. EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water.

## Lead and Copper

Corrosion of pipes, plumbing fittings and fixtures may cause metals, including lead and copper, to enter drinking water. To assess corrosion of lead and copper, LCWSA conducts tap sampling for lead and copper at selected sites every three years with the last round of sampling conducted in 2023. LCWSA is currently conducting a study of corrosion control to determine if an changes to treatment methods are needed to minimize the corrosivity of the

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. LCWSA is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. LCWSA is required to sample for lead in schools and licensed child care facilities as requested by the facility. Contact the school or child care facility that your child attends for further information about any sampling results. Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney, or nervous system problems.

A complete inventory of LCWSA's service lines material inventory can be found on our website at:

https://lcwsagis.maps.arcgis.com/apps/mapviewer/index.html? webmap=61b624b5b3df48eca388cbeaef5177d9.

Lead tap sampling data is available for review by reaching out to our listed contact in the information section of this CCR.

Monitoring Schedule & Results

The EPA or ADEM requires LCWSA to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. This report contains results from the most recent monitoring which was performed in accordance with the regulatory schedule.

Columbia   No						TABLE	OF DETEC	TED CONTA	AMINANTS		
March   Marc						LCWSA	Athens Utilities			Madison County Water Department	
Company   Comp	Contaminant	Violation	Unit	MCL	MCLG	Detected Level	Detected Level	Detected Level	Detected Level	Detected Level	Likely Source of Contaminant
Part	Total Coliform Bacteria	NO	Present/Absent	<5%	0	1 <sup>1</sup>	NR <sup>2</sup>	NR <sup>2</sup>	NR <sup>2</sup>	NR <sup>2</sup>	Naturally present in the environment.
Columber   No.   Spot   Sect.   Sect	Gross Alpha	NO	pCi/L	15	0	0.605	-0.533	0.114	0.927	1.04	Erosion of natural deposits
Trace Description (1965)  10	Radium-228	NO	pCi/L	5	0		0.276	0.62	1.234	0.3	Erosion of natural deposits
Control   Cont	Chlorine	NO	ppm	MRDL=4	MRDLG=4	2.25 R = 0.41-2.25	NR	3.61	3.6	NR	Water additive used to control microbes
No.	Total Dissolved Solids	NO	ppm	500	N/A	75.0	NR	75.0	137	108	Naturally occurring in the environment or from runoff.
Tractary   No.   No.   171   No.   No.   No.   No.   No.   171   No.   No.   171   No.   No.   172   No.   No.   173   No.	Color Units	NO	units	15	N/A	6.0	NR	6.0	NR	NR	Leaching from vegetation
No.   10	Turbidity <sup>4</sup>	NO	NTU	N/A	TT	0.62 R=0.01—0.62	NR	0.198	0.22	1.590	indicate water quality and filtration effectiveness (such as whether disease-
Note   Section   No.   Sept.   627   20   No.   10,000009   No.	Aluminum	NO	ppm	200	N/A	0.0322	0.138	0.020	0.064	0.013	Erosion of natural deposits
Discription	Arsenic	NO	ppm	0.01	0	ND	0.000639	ND	ND	ND	glass and electronics production wastes
Description	Barium	NO	ppm	2.0	2.0	0.0146	0.0198	0.019	0.025	0.017	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Commission   No	Chloride	NO	ppm	250	N/A	7.60	10.4	13.2	10.7	6.9	Erosion of natural deposits
Compare	Chromium	NO		0.100	0.10	0.000612	0.00502	ND	ND	ND	Discharge from steel and pulp mills; erosion of natural deposits
Published   NO   ggm   4	Copper	NO	ppm	1.3	N/A	0.669 <sup>3</sup> R=0.00479-1.33	ND	0.24	0.19	0.15	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	Fluoride		ppm	4				0.91	0.55	0.65	
Managemane   NO   Spett   O.S.   NA   O.S.   NA   O.S.   NA   O.S.   NA   O.S.   NA   O.S.	Iron	NO	ppm	0.30	N/A		ND	0.075	ND	ND	Erosion of natural deposits; leaching from pipes
No.   Section   No.   Section   No.   Section   No.	Lead	NO	ppm	0.015	0	0.00195 <sup>3</sup> R=ND-0.0055	ND	ND	1.0	0.0024	Corrosion of household plumbing systems; erosion of natural deposits
No	Manganese	NO	ppm	0.05	N/A	0.0189	0.0008	0.035	ND	0.0063	Erosion of natural deposits
No.   Spen   10   10   Res 107-447   1.44   0.944   2.0   3.1   and adequate deposits and makes of processing the second of natural deposits of the second o	Nickel	NO	ppm	0.1	N/A		0.000604	ND	ND	ND	Erosion of natural deposits
Searchium	Nitrate	NO	ppm	10	10	4.47 R=1.07-4.47	1.44	0.54	2.0	3.1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Test part   Content   No	Selenium	NO	ppm	0.050	0.05		0.000996	ND	ND	ND	
Processor   Proc	Sulfate, as SO <sub>4</sub>	NO	ppm	500	N/A	6.84	6.93	8.3	26.4	NR	Erosion of natural deposits
No	Tetrachloroethylene	NO	ppm	0.005	0.0005	ND	ND	ND	0.0011	ND	Leaching from PVC pipes; Discharge from factories and dry cleaners
TTM (total trihatmethanes)	Zinc	NO	ppm	5.0	N/A	0.0104	ND	ND	ND	ND	Erosion of natural deposits; discharge from refineries and factories; run-off
Think float brisisionershares   NO   pph   NO   5.00   Red 3 - 82.4   32.2 LRAA   31.6 HRMA   43.2 LRAA   34.8 LRA	Disinfectant By-Products (DBPs)	Violation	Units	MCL	MDL		Detected Level	Detected Level	Detected Level	Detected Level	Likely Source of Contaminant
Chicordom	TTHM (total trihalomethanes)	NO	ppb	80	5.00	R=4.3 – 82.4	32.3 LRAA	31.6 HRAA	43.2 LRAA	34.8	
Disconnochloromethane	Chloroform	NO	ppm	N/A	0.0005	R=0.0088-0.034	0.018	0.0042	0.039	ND	
Disconnechioromethane	Bromodichloromethane	NO	ppm	N/A	0.0005	R=0002-0.0062	0.0032	0.0026	0.0069	ND	By-product of drinking water chlorination.
HAAS (total haloscetic acids)	Dibromochloromethane	NO	ppm	N/A	0 0005	R=0.00054-	ND	ND	0.0010	ND	
Units   MCL   MC	HAA5 (total haloacetic acids)					42.5 LRAA					
Specific Conductance		Violation				Detected Level	Detected Level	Detected Level	Detected Level	Detected Level	Likely Source of Contaminant
Price   Pric		NO				NR	NR	167	NR	NR	
Total Akalinity	nH					7.6					
Hardness as CaCO <sub>3</sub>	Total Alkalinity					132					A property of water used to determine the ability to neutralize acidic
NO   Part											
Calcium	CO.										· ·
Magnesium	Calcium	NO		-	N/A		42.5	19.5	ND	16.1	
NO   Ppm   N/A   2.06   2.3   4.2   14.3   17.1   Erosion of natural deposits				_							
Chiloromethane	Sodium			-							
Total Organic Carbon (TOC)	Chloromethane	NO	nnm	N/A	0.0005	R=0.00061-	ND	ND	ND	ND	Polystyrene insulation; aerosol propellants; home burning of wood, coal, or certain plastics; and chlorinated swimming pools
						2 44					, , , , , , , , , , , , , , , , , , ,
Perfluoroctanesulfonic Acid (PFOS)		Violation (Yes/No)		MCL	MDL	Detected Level	Detected Level	Detected Level	Detected Level	Detected Level	
Perfluoroctanoic Acid (PFDA)		NO				14.0 R=8.4-14.0	ND	2,93	2.8	ND	
Perfluorobutanesulfonic Acid (PFBS)         NO         ppt         N/A         3         Re8.4-16.0         ND         3.87         3.3         ND           Perfluorobexanoic Acid (PFHxA)         NO         ppt         N/A         3         Re8.4-8.0         ND         2.18         1.6         ND         Fire training/response sites, industrial facilities, landfills, and wastewater treatment plants.           Perfluorobexanesulfonic Acid (PFHxB)         NO         ppt         N/A         3         Re5.7.3         ND         0.75         0.4         ND           Perfluorobutanoic Acid (PFBA)         NO         ppt         N/A         5         Re9.224.9         ND         ND         4.6         ND           Perfluoropentanoic Acid (PFPBA)         NO         ppt         N/A         3         Re5.4-7.2         ND         ND         1.7         ND           Perfluorobeptanoic acid (PFHpA)         NO         ppt         N/A         3         ND         ND         1.7         ND					1	9.3					
Perfluorobexanoic Acid (PFHxA)         NO         ppt         N/A         3         R ± 4.4 ± 8.0 ND         2.18         1.6 ND         Fire training/response sites, industrial facilities, landfills, and wastewater treatment plants.           Perfluorobexanesulfonic Acid (PFHxS)         NO         ppt         N/A         3         R ± 3.1 · 7.3 ND         0.75 0.4 ND         ND         wastewater treatment plants.           Perfluorobutanoic Acid (PFBA)         NO         ppt         N/A         5         R ± 9.2 · 9 ND         ND         4.6 ND           Perfluoropentanoic Acid (PFPBA)         NO         ppt         N/A         3         R ± 5.4 · 7.2 ND         ND         1.7 ND           Perfluorobeptanoic acid (PFHpA)         NO         ppt         N/A         3         ND         ND         1.10 0.2 ND					3	16.0					
Perfluorohexanesulfonic Acid (PFHxS)         NO         ppt         N/A         3         R=5.1-7.3 R=5.1-7.3 ND         0.75         0.4 ND         ND         wastewater treatment plants.           Perfluorobutanoic Acid (PFBA)         NO         ppt         N/A         5         R=9.2-24.9 ND         ND         ND         4.6 ND           Perfluoropentanoic Acid (PFPA)         NO         ppt         N/A         3         R=5.4-7.2 ND         ND         1.7 ND           Perfluorobeptanoic acid (PFHpA)         NO         ppt         N/A         3         ND         ND         1.10         0.2 ND	,				_	8.0					Fire training/response sites, industrial facilities, landfills, and
Perfluorobutanolic Acid (PFBA)         NO         ppt         N/A         5         R=9.2-24.9         ND         ND         4.6         ND           Perfluoropentanolic Acid (PFPBA)         NO         ppt         N/A         3         R=5.4-7.2         ND         ND         1.7         ND           Perfluorobeptanolic acid (PFHpA)         NO         ppt         N/A         3         ND         ND         1.10         0.2         ND           Notes:					_	7.3					
Perfluoropentanoic Acid (PFPeA) NO ppt N/A 3 R=5.4-7.2 ND ND 1.7 ND  Perfluoropentanoic acid (PFHpA) NO ppt N/A 3 ND ND 1.10 0.2 ND  Notes:						24.9					
Perfluoroheptanoic acid (PFHpA) NO ppt N/A 3 ND ND 1.10 0.2 ND Notes:	` ′				_	7.2					
Notes:			- ''								
Three positive samples detected in 2024: one in June, July, & August. These were not MCL violations due to Key mrem/year = millirems per year (a ppm = parts per million or milligrams	Notes:										

- Three positive samples detected in 2024; one in June, July, & August. These were not MCL violations due to the presence in Total Coliform samples was less than 5%. All follow up samples tested negative. 

  These are specific to the location within the reporting distribution system for each reporting utility.
- 31 evel shown is the calculated 90th percentile. Only one residential site exceeded the AL for copper while no
- Turbidity measurements are post filtration at each facility, NLTF & TTF. NLTF (surface water) is required to meet a maximum turbidity of 0.3 ppm while TTF (groundwater) is required to meet 5.0 ppm. All samples met required turbidity limits.

Treatment Facility Specific Turbidity Values							
Treatment Plant	Highest Average Monthly Value (PPM)	Range (PPM)					
NLTF	0.052	0.017—0.090					
TTF	0.318	0.096-0.620					

AL = Action Level GWR = Ground Water Rule LCWSA = Limestone County Water & Sewer Authority

LRAA = Locational Running Annual

Average MCL = Maximum Contaminant Level MCLG = Maximum Contaminant Level

MEL = million fibers per liter mg/l = milligrams per liter, or parts per mrem/year = millirems per year (a measure of radiation absorbed by the N/A = Not Applicable

ND = Non-Detect
NR = Not Reported
NTU = Nephelometric Turbidity Unit

pCi/I = picocuries per liter (a measure of radioactivity)
PFAS = Per- and Polyfluoroalkyl Substances ppb = parts per billion or microgram

ppm = parts per million or milligrams per liter ppq = parts per quadrillion or picograms per liter ppt = parts per trillion or nanogram R = Range

UNK = unknowr

STANDARD LIST OF PRIMARY DRINKING WATER CONTAMINANTS  Bacteriological						
Dacteriological			Organic Chemicals (cont.)			
Contaminant	MCL	Amount Detected	Contaminant	MCL	Amount Detected	
Total Coliform Bacteria	<5%	3	o-Dichlorobenzene	600 ppb	ND	
Turbidity	TT	0.62	p-Dichlorobenzene	75 ppb	ND	
Fecal coliform and E. coli	0	0	1,2-Dichloroethane	5 ppb	ND	
Fecal Indicators (enterococci or coliphage)	TT	0	1,1-Dichloroethylene	7ppb	ND	
Radiological			cis-1,2-Dichloroethylene	70 ppb	ND	
Beta/photon emitters (mrem/yr)	4	ND	trans-1,2-Dichloroethylene	100 ppb	ND	
Alpha emitters (pCi/l)	15	0.605	Dichloromethane	5 ppb	ND	
Combined radium (pCi/l)	5	-0.192	1,2-Dichloropropane	5 ppb	ND	
Uranium (ppb)	30	ND	Di (2-ethylhexyl) adipate	400 ppb	ND	
Inorganic Chemicals		l	Di (2-ethylhexyl) phthalates	6ppb	ND	
Antimony	6 ppb	ND	Dinoseb	7ppb	ND	
Arsenic	10 ppb	ND	Dioxin [2,3,7,8-TCDD]	30 ppq	ND	
Asbestos (MFL)	7	ND	Diquat	20 ppb	ND	
Barium	2 ppm	0.0146	Endothall	100 ppb	ND	
Beryllium	4 ppb	ND	Endrin	2 ppb	ND	
Bromate	10 ppb	ND	Epichlorohydrin	TT	ND	
Cadmium	5 ppb	ND	Ethylbenzene	700 ppb	ND	
Chloramines	4 ppm	ND	Ethylene dibromide	50 ppt	ND	
Chlorine	4 ppm	ND	Glyphosate	700 ppb	ND	
Chlorine dioxide	800 ppb	ND	HAA5 (haloacetic acids 5)	60ppb	42.5 LRAA	
Chlorite	1 ppm	ND	Heptachlor	400 ppt	ND	
Chromium	100 ppb	0.612	Heptachlor epoxide	200 ppt	ND	
Copper	AL=1.3 ppm	0.669	Hexachlorobenzene	1 ppb	ND	
Cyanide	200 ppb	ND	Hexachlorocyclopentadiene	50 ppb	ND	
Fluoride	4 ppm	ND	Lindane	200 ppt	ND.	
I ead	AL=15 ppb	1.95	Methoxychlor	40 ppb	ND.	
Mercury	2 ppb	ND.	Oxamyl [Vydate]	200 ppb	ND.	
Nitrate	10 ppm	4 47	Pentachlorophenol	1 ppb	ND.	
Nitrite	1 ppm	ND	Picloram	500 ppb	ND.	
Total Nitrate and Nitrite	10 ppm	4 47	Polychlorinated biphenyls	500 ppt	ND	
Selenium	50 ppb	0.991	(PCBs) Simazine	4 ppb	ND	
Thallium	2 ppb	0.991 ND	Styrene	100 ppb	ND ND	
Organic Chemicals	2 μμυ	ND	Tetrachloroethylene	5 ppb	ND ND	
Acrylamide	TT	ND	Toluene	1 ppm	ND.	
Alachlor	2ppb	ND	TOC (Total Organic Carbon)	TT	2.44	
Atrazine		ND ND	TTHMs	-	53.6 LRAA	
	3 ppb		[Total trihalomethanesl	80 ppb		
Benzene	5 ppb	ND	Toxaphene	3 ppb	ND	
Benzo(a)pyrene [PAHs]  Carbofuran	200 ppt	ND ND	2,4,5-TP (Silvex)	50 ppb	ND ND	
	40ppb		1,2,4-Trichlorobenzene	70 ppb		
Carbon tetrachloride	5 ppb	ND	1,1, I-Trichloroethane	200 ppb	ND	
Chlordane	2ppb	ND	1,1,2-Trichloroethane	5 ppb	ND	
Chlorobenzene	100 ppb	ND	Trichloroethylene	5 ppb	ND	
2,4-D	70 ppb	ND	Vinyl Chloride	2 ppb	ND	
Dalapon	200 ppb	ND	Xylenes	10 ppm	ND	
Dibromochloropropane	200 ppt	ND				

### Key

AL = Action Level
GWR = Ground Water Rule
LRAA = Locational Running Annual Average
MCL = Maximum Contaminant Level
MCLG = Maximum Contaminant Level Goal
MFL = million fibers per liter
mg/l = milligrams per liter, or parts per
million

million
mrem/year = millirems per year (a measure
of radiation absorbed by the body)

ppb = parts per billion or micrograms per liter ppm = parts per million or milligrams per liter

ND = Non-Detect

radioactivity)

ppq = parts per quadrillion or picograms per liter

pCi/l = picocuries per liter (a measure of

ppt = parts per trillion or nanograms per liter
TT = Treatment Technique

## Variances or Exemptions

LCWSA has been granted a waiver from ADEM to reduce lead and copper monitoring to once every 3 years. See the table "Years Constituents Last Required to be Reported" table for the last time constituents were required to be tested. Based on a study conducted by the Department with the approval of the EPA a statewide waiver for the monitoring of asbestos and dioxin was issued. Thus, monitoring for any of these contaminants was not required.

## **Definitions**

**Action Level** - the concentration of a contaminant that triggers treatment or other requirement a water system shall follow

**ADEM** - Alabama Department of Environmental Management, Alabama's environmental regulatory agency.

**Disinfection Byproducts (DBP's)** - produced when the chlorine in water reacts with natural organic matter present in the source water.

**EPA** - Environmental Protection Agency

**Locational Running Annual Average (LRAA)** - the average of the four most recent quarterly results for a specific monitoring location, used to determine compliance with drinking water standards.

**Maximum Contaminant Level (MCL)** - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

**Nephelometric Turbidity Unit (NTU)** - a measure of the clarity of water.

Not Applicable (N/A) - not required to be reported or tested by water system.

**Not Detected (ND)** - laboratory analysis indicated that the contaminant was not present at a detectable level.

**Not Reported (NR)** - LCWSA was not provided data from the utility for the constituent or parameter within this report. The utility may not be required to test or report on it.

**Running Annual Average (RAA)** - the arithmetic average of analytical results for samples taken at a specific monitoring location during the previous four calendar quarters.

**Treatment Technique (TT)** - A required process intended to reduce the level of a contaminant in drinking water. **UCMR5** - Unregulated Contaminant Monitoring Rule 5.

Variances and Exemptions - The Department or EPA permission not to meet an MCL or a treatment technique under certain conditions

VEARS CONSTITUENTS LAST REQUIRED TO BE REPORTED							
YEARS CONSTITUENTS LAST REQUIRED TO BE REPORTED							
Constituents	LCWSA	DU	HU	AU	MCWD		
Bacteriological Contaminants	2024	2024	2024	2024	2024		
Radiological Contaminants	2022 <sup>2</sup>	2021	2024	2021	2019		
Inorganic Chemicals	2024	2024	2024	2024	2024		
Synthetic Organic Chemicals	2021 <sup>3</sup>	2023	2023	2024	2024		
Volatile Organic Chemicals (VOC's)	2024	2024	2024	2024	2023		
Lead and Copper	2023 <sup>4</sup>	2024	2023	2019	2023		
Disinfection By-Products (DBP's)	2024	2024	2024	2024	2024		
Nitrates	2024	2024	2024	2024	2024		
Cryptosporidium <sup>1</sup>	2024	2024	2024	2024	2024		
PFAS Contaminants	2024	2024	2024	2024	2024		
UCMR5 Contaminants	2024	2024	2023	2024	2024		

<sup>&</sup>lt;sup>1</sup>Testing for Cryptosporidium was conducted Oct—Dec 2024 with no detections.

<sup>&</sup>lt;sup>4</sup>Tested next in 202



17218 Highway 72 West Athens, AL 35611 (256) 233-6445

Office Hours: Monday - Friday 8:00 a.m. to 4:30 p.m.

www.limestonecountywater.com



# 2025 Consumer Confidence Report (CCR)



# Limestone County Water & Sewer Authority

"Limestone County Water & Sewer Authority is committed to being a reliable and efficient provider of clean and potable water and treater of wastewater for our customers."

For a digital version of our CCR you may go to our website at www.limestonecountywater.com.

Data is from testing performed in calendar year 2024.

<sup>&</sup>lt;sup>2</sup>Tested next in 2025

<sup>3</sup>Tested next in 202