Certification

RECEIVED MSDH-WATER SUPPLY

Water systems serving 10,000 or more must use: Distribution Method I	2023 JUN 19 AM 7: 52
Water systems serving 500 - 9,999 must use: Distribution Method I OR Distribution Method II, III, and IV	
Water system serving less than 500 people must use: Distribution Method I OR Distribution Method II, III, and IV OR Distribution Method III and IV	
	OFFICE USE ONLY
Public Water Supply name(s): Arkabetla Water Assn.	7-digit Public Water Supply ID #(s):
0690001	2690001
Distribution (Methods used to distribute CCR to or	ur customers)
☐ 1. CCR directly delivered using one or more method b	pelow:
*Provided direct Web address to customerHand delivered	*Add direct Web address (URL) here:
□ Mail paper copy	Example: "The current CCR is available at
□ Email	www.waterworld.org/ccrMay2023/0830001.pdf.
T D 12.1 %	call (000) 000-0000 for paper copy".
☐ II. Published the complete CCR in the local newspaper.	Date(s) published:
III. Inform customers the CCR will not be mailed	Date(s) notified:
but is available upon request.	
List method(s) used (examples – newspaper, water	6/1/2023
bills, newsletter, etc.).	Location distributed:
N Post the complete CCP	
IV. Post the complete CCR continuously at the local water office.	Date: 6/1/2023
	Locations posted:
"Good Faith Effort" in other public buildings with the water system service area (i.e. City Hall, Public Library, etc.)	water office
Certification	
This Community public water system confirms it has distributed it	ts Consumer Confidence Report (CCR) to its customers
and the appropriate notices of availability have been given and the	19t the information contained in its CCD !-
consistent with the comphance monitoring data previously submi	itted to the MS State Department of Health, Bureau of
Public Water Supply and the requirements of the CCR rule. Name:	
ivalie.	Title: Date:
thany thouse	Water Operator 06-14-23
Submittal	Water Operatur D6-16-23
Email the following required items to water.reports@msdh.ms.gov	regardless of distributions
1. CCR (Water Quality Report) 2. Certification	on 3. Proof of delivery method(s)
,	2.11001 of gott only thermon(2)

Arkabutla Water Association, Inc. 2022 Quality Water Report [PWS ID# 0690001] June 2023

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is two ground water well that pumps from the **Sparta Aquifer**

Our source water assessment is available upon request.

I'm pleased to report that our drinking water meets all federal and state requirements.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Harry House (Certified Water Operator) at 8929 Arkabutla Rd. Coldwater, MS 38618, 662-562-8456. We want our valued customers to be informed about their water utility. If you want to learn more, please attend one of our scheduled meetings. They are held the third Monday in March of each year at 7:00 p.m. at the Arkabutla Community Center.

Arkabutia Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2022. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions: *Non-Detects (ND)* - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is 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 - The "Goal" (MCLG) is 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.

TEST		K I		
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Contamin ant	Viol atio	Date Collected	Level Detecte	Range of Detects or # of Samples	Unit Meas	MCLG		M C	Likely Source
Chromiu mm Antimony, Total Arsenic Beryllium Cadmium Fluoride	n n n	12/07/22 12/07/22 12/07/22 12/07/22 12/07/22	<.0005 <.0005 <.0005 <.0005 <.0005 .101	0 0 0 0 0	ppm ppm ppm ppm ppm ppm	0.1 .006 .010 .004 .005 4		0. 1 .0 06 .0 06 .0	Discha rge from steel and pulp mills; erosion
1010 Barium	n	12/07/22	0.0483	0	ppm		2	2	Discha rge of drilling wastes
Mercury Selenium Thallium, Total	n n n	12/07/22 12/07/22 12/07/22	<.0005 <.0025 <.0005	0 0 0	ppm ppm ppm	.002 .050 .002		.0 02 .0 50 .0 02	dischar ge from metal refineri es; erosion of natural deposit s
14. Copper	n	12/31/20	0.2	0	mg/ L		1.3	A L= 1. 3	Corrosi on of househ old plumbi ng system
17. Lead	n	12/31/20	0.001	0	mg/ L		.015	A L= 0 15	Corrosi on of househ old plumbi ng system s, erosion of natural deposit s

1024 Cyanide n 09/26/2 2 <0.015 0 ppm 0 0.2		09/26/22	<.015		Mg/ L	.2		
1038 Nitrate+Ni trite(as N)	N	03/29/22	.654	0	Ppm	10	10	Run-off from fertilize r use; leachin g from septic tanks, sewag e; erosion of natural deposit s

(*)

1041 Nitrite (as	n	03/29/22	<.02	0	ppm		1	1	Runoff from
Nítrogen) 1040 Nitrate	n	03/29/22	.654	0	ppm		10		fertilize r use; leachin g from septic
Sodium	N	2019	7600	O	РрЬ				tanks, sewag e; erosion of natural deposit s Road salt, Water Treat ment
Combine d	n					ě		(4.	chemi cals, water softne rs, and sewer efflue nts
Uranium	.,	10/27/21	<0.5	0	ppb		30		
2950 TTHM 2456 HAA5	n n	10/05/22 10/05/22	1.6 4 2.48		ppb ppb	0	0	80 60	By- produc t of drinkin g water
0999. Chlorine Highest QTR RAA MRDL Range	n	2021 2021	1.20 .80- 2.00	0	MG/L MG/L	0		MRD=4YOURSARTE	Water additiv e used to control microb es
		nd reporting of com	112022	t vialatiana					

Monitoring and reporting of compliance data violations

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection-By-Products Rule.

Significant Deficiencies:

During a sanitary survey conducted on 5/21/2015 and on 4/25/2018, the Mississippi State Department of Health cited the following significant deficiency(s):

Inadequate internal/ cleaning/maintenance of storage tanks.

<u>Corrective actions:</u> This system has met the required applications of treatment chemicals and techniques and being recorded as Fe, Ph and Fc in the log book each day.

Someone to inspect the tanks is being done by Tank Pro

Operations records

Function and condition of treatment facilities

Site security

All violations have been corrected

Enforcement Action On 2/23/2022 the public water system was required by the MS State Depart. Of Health, Bureau of Public Water Supply to participate in an Administrative Hearing due to violations of th Ground Water Rule.

Additional Information for Lead

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. Arkabutla Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When 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 you 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. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact (601)576-7582 if you wish to have your water tested.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people 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). Please call 662-562-8456 if you have questions. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Arkabutla Water Assn. P.O. Box 260 Arkabutla, MS 38602 662-562-8456

Previous CREDIT Balance: WATER-RES USED 2350 PREV 135110 PRES 137460

> -203.63 25.88

> > Billed: 06/01/23

NO PMT DUE, BAL = -177.75

FIRS' US P MA Senat PEF

FIRST-CLASS MAIL
US POSTAGE PAID
MAILED FROM
Senatobia, MS 38668
PERMIT # 00203

NO PMT DUE, BAL = -177.75

Last Pmt \$200.00 05/09/23 Harry House SVC:04/17/23-05/15/23 (28 days) Acct# A-1500 8929 Arkabutla Rd.

8929 Arkabutla Rd. CC report available upon request

> Acc# A-1500 8929

Return Service Requested Harry House 8929 Arkabutla Rd. Coldwater MS 38618

8929 Arkabutla Rd.