THE SUPPLEMENT SUPPLEMENT MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CCR CERTIFICATION

CALENDAR YEAR 2014

South Usbruthen Vere

Public Water Supply Name

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The Federal Safe Drinking Water Act (SDWA) requires each Community public water system to develop and distribute Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public wat system, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. You must mail, fax email a copy of the CCR and Certification to MSDH. Please check all boxes that apply.
Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
Advertisement in local paper (attach copy of advertisement) On water bills (attach copy of bill) Email message (MUST Email the message to the address below) Other
Date(s) customers were informed: $0/6/$, $0/9$, $0/5$
CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used
Date Mailed/Distributed: / /
CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: / / As a URL (Provide URL As an attachment As text within the body of the email message
CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
Name of Newspaper: The Daily Wrinthian
Name of Newspaper: July Dailey Wunthuan Date Published: 06/09/2015
CCR was posted in public places. (Attach list of locations) Date Posted:/
CCR was posted on a publicly accessible internet site at the following address (<u>DIRECT URL REQUIRED</u>)
CERTIFICATION I hereby certify that the 2014 Consumer Confidence Report (CCR) has been distributed to the customers of the public water system in the form and manner identified above and that I used distribution methods allowed be the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply. Name/Title (President, Mayor, Owner, etc.) Date
Deliver or send via U.S. Postal Service: Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215 May be faxed to: (601)576-7800 May be emailed to:

May be emailed to: water.reports@msdh.ms.gov

OWH DUZOVO 7 COZOCOS
SID #s for all Community Water Systems included in this CCR

2014 Annual Drinking Water Quality Report Kossuth Water PWS#: 0020004, 0020007 & 0020008

May 2015

2015 JUN 15 MM 9: 59

We're pleased to present to you this year's Annual Quality Water 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 from wells drawing from the Coffee Sand and the Eutaw

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Kossuth Water have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Aaron C. Henry at 662-287-4310. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Monday of each month at 6:00 PM at the water office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2014. In cases where monitoring wasn't required in 2014, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring dr result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; 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 and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order 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. 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 indicate that the water poses 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:

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

Maximum Contaminant Level (MCL) - 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 (MCLG) - 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.

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 to control microbial contaminants.

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

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 \$10,000,00d.

PWS ID#	<i>†</i> 0020004			TEST RESU	LTS		,	•
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorgani	c Contami	inants						
8. Arsenic	N	2014	.6	No Range	ppb	n/a	10	Erosion of natural deposits; runo from orchards; runoff from glass and electronics production wast

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects of # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source	of Contamination
Radioact	ive Conta	aminants	S						
5. Gross Alpha	N	2013*	.4	No Range	pCi/L	0		15 Erosion of nate deposits	
Inorganie	c Contan	inants							
10. Barium	N	2014	.136	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries erosion of natural deposits	
13. Chrom um	N	2014	2.5	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposit	
14. Copper	N	2012/14	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbir systems; erosion of natural deposits; leaching from wood preservatives	
17. Lead	N	2012/14	3	0	ppb	0	AL=15	Corrosion of h systems, eros deposits	ousehold plumbing ion of natural
Disinfect	on By-P	roducts							
Chlorine	N	2014 1	.4 1	- 2.2 mg/	1	0 MDF		/ater additive us	ed to control

^{*} Most recent sample. No sample required for 2014.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

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. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

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. Our water system 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. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. 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 obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

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 cryptosporicium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Kossuth Water Association works around the clock to provide top quality water to every tap. 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.

Contamina	tive (Contami	nanta		MCL/AC	الللل		<u> </u>	<u> </u>		
	nt	Violation Y/N	Date Collecte	Leve Detect	ed # of Sam Exceedi	ples ng	Unit Measure -ment	MCLG	MCL	Likely Source of Contamir	ation
PWS I	D# 0	020007	,		TEST R		LTS				
Chlorine		N	2014	1.1	.7 – 1.5	mg/l		0 MI	ORL = 4	Water additive used to control microbes	
32. TTHM Total rihalometh	anes]		2014	7.09	No Range	ppb		0	80	By-product of drinking water chlorination.	
1. HAA5		N	2014	5	2 - 5	ppb		0	60	By-Product of drinking water disinfection.	
21. Seleniu Disinfe		n By-Pi	2014 roduct	2.8	No Range		ppb	50		metal refineries; erosion o natural deposits; discharg mines	f
7. Lead		N	2011/13		No Poppe		ppb	50		15 Corrosion of household pl systems, erosion of natura deposits 50 Discharge from petroleum	al .
6. Fluoride	•	N .	2014	.669	No Range		ppm	4		Erosion of natural deposits additive which promotes s teeth; discharge from ferti and aluminum factories	trong lizer
4. Copper		N	2011/13	* .6	0		ppm	1.3	AL=1	systems; erosion of natura deposits; leaching from we preservatives	al ood
3. Chromi	um	N	2014	.7	No Range		ppb	100	1	00 Discharge from steel and mills; erosion of natural de	pulp
	p.P	N,	2014	.3291	No Range		ppm	2		Discharge of drilling waste discharge from metal refin erosion of natural deposits	eries;

		<u>020007</u>			TEST RES		T	T		
Contaminar	t	Violation Y/N	Date Collected	Level Detected	Range of Detects # of Samples Exceeding MCL/ACL	or Unit Measure -ment	MCLG	MCL	Likely Source	of Contamination
Radioac	tive (Contami	nants							
5. Gross A	pha	N	2013*	1	.6 - 1	pCi/L	0		15	Erosion of natural deposits
Inorgan	ic Co	ntamina	ınts							
8. Arsenic		N	2014	.7	No Range	ppb	n/a	10	from orchards	tural deposits; runof t; runoff from glass as production waste
10. Barium		N	2014	.2167	.17412167	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries erosion of natural deposits	
13. Chromiu	m	N	2014	4.4	3.4 – 4.4	ppb	100	100	Discharge from steel and pulp mills; erosion of natural depos	
14. Copper		N	2012/14	.1	0	ppm	1.3	AL=1.3	systems; eros	ousehold plumbing ion of natural hing from wood
16. Fluoride		N	2014	.106	No Range	ppm	4	4	additive which	ural deposits; wate promotes strong ge from fertilizer factories
17. Lead		N	2012/14	2	0	ppb	0	AL=15	Corrosion of household plumb systems, erosion of natural deposits	
21. Seleniur		N	2014	2.9	No Range	ppb	50	50	metal refinerie	m petroleum and es; erosion of its; discharge from
Disinfect										
82. TTHM [Total trihalometha		N :	2014 1	.01 N	o Range p	pb	0		r-product of drin	king water
Chlorine		N :	2014 1	.2 .8	3 – 1.5 n	ıg/l	0 MD		ater additive us	ed to control

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2014 Annual Drinking Water Quality Report
Kossuth Water
PWS#: 0020004, 0020007 & 0020008
May 2015
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