2017 JUN 29 PM 3: 1.1.

CERTIFICATION

Consumer Confidence Report (CCR)

KIPLING WATER ASSN

Public Wa	ter Supply Name
350002 350019	1 350026
	ty Water Systems included in this CCR
he Federal Safe Drinking Water Act (SDWA) requires ensumer Confidence Report (CCR) to its customers each stem, this CCR must be mailed or delivered to the customers upon request. Make sure you follow the proper mail a copy of the CCR and Certification to MSDH. Ple	ach Community public water system to develop and distribute year. Depending on the population served by the public waters, published in a newspaper of local circulation, or provided to the procedures when distributing the CCR. You must mail, fax of ase check all boxes that apply.
	y: (Attach copy of publication, water bill or other)
Advertisement in local paper	(attach copy of advertisement)
☐ On water bills (attach copy of	fbill)
☐ Email message (MUST Emai	I the message to the address below)
☐ Other	
Date(s) customers were informed: 6 /15/17	, / / , / /
CCR was distributed by U.S. Postal Service o methods used	r other direct delivery. Must specify other direct delivery
Date Mailed/Distributed: / /	
CCR was distributed by Email (MUST Email MS	DH 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 co	ppy of published CCR or proof of publication)
Name of Newspaper: KEMPER COUNTY	I MESSENGEL
Date Published: <u>6 / 15 / 17</u> CCR was posted in public places. (Attach list of le	MESSENGELL MSELECTRIC PEWEL ASSN DEKALBOFFICE cations) Date Posted: 6 / 15 / 17
	site at the following address (DIRECT URL REQUIRED):
form and manner identified above and that I used distribution included in this CCR is true and correct and is conter system officials by the Mississippi State Department of He	has been distributed to the customers of this public water system in bution methods allowed by the SDWA. I further certify that the sistent with the water quality monitoring data provided to the public alth, Bureau of Public Water Supply
Out Mester	Date
me/Title (President, Mayor, Owner, etc.)	Date
Submission options	Select one method ONLY)
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700	Fax: (601) 576 - 7800
Jackson, MS 39215	Email: water.reports@msdh.ms.gov

CCR Deadline to MSDH & Customers by July 1, 2017!

2016 ANNUAL DRINKING WATER QUALITY REPORT KIPLING WATER ASSOCIATION SYSTEMS # 1, 3 & 4

This report is a snapshot of last year's water quality. Included are details of where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. As you can see by the table, <u>our systems had no violations</u>. We're proud that your drinking water meets or exceeds all Federal and State requirements. Though some contaminants were detected the EPA has determined that your water is safe at these levels.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons 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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Our water source for System #1 consists of four wells pumping groundwater from the Lower Wilcox Aquifer. Our source water assessment has been completed and is now available. This assessment details the systems' susceptibility to potential sources of contamination. A moderate to low susceptibility was found for System #1. A low susceptibility was found for Systems #3 and #4. We buy water from the Town of DeKalb for System #3 and the DeKalb Town Hall has a copy of their source water assessment. We buy water from Northwest Kemper for System #4 and their source water assessment is available upon request.

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 (EPA) Safe Drinking Water Hotline (1-800-426-4791).

Our board meets on the 4th Tuesday of every month at 6 p.m. at the EMEPA building in DeKalb, MS. We encourage all customers who have any concerns or questions to meet with us. Our annual membership meeting will be held August 8 at 7 p.m. in the courtroom of the Kemper County Courthouse.

INFORMATION ABOUT 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. Kipling Water Association 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 Lab offers lead testing for \$10 per sample. Please contact 1-601-576-7582 if you wish to have your water tested.

WATER QUALITY DATA TABLE

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data from this table is from testing done in the calendar year of the report. The EPA and/or the State requires us to monitor for certain contaminants less than once a year because the concentrations of the contaminants do not change frequently.

In this table you will find many terms and abbreviations you may not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level (AL) - 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.

Contaminant Violation	Date	Level	Range of Detects	Unit	MCLG	MCL Ty	pical Source	
Yes/No	Collected	Detected	or # of Samples	Measure				
			Exceeding					
			MCL/AL					

PWS ID# 350002 System #1 Treatment Plant #1

INORGA	NIC CON	TAMINA	NTS					
Barium	No	2015	0.047	None	ppm	2	2	Discharge of drilling waste; discharge from metal
								refineries; erosion of natural deposits
Copper	No	2014	0.6	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion
								of natural deposits
Lead	No	2014	1	None	ppb	0	AL=15	Corrosion of household plumbing systems; erosion
								of natural deposits

								tanks, sewage; erosion of natural deposits
DISINFEC	TANTS	& DISINI	ECTION	BY-PRODUC	TTS .			
Chlorine	No	Jan-Dec	1.0	.60 - 1.30	ppm	4	4	Water additive to control microbes
System #1	Treatr	nent Plan	t #2					
INORGAN	Complete Commence and Commence of Commence	and the second section of the second	AND SECURIOR					
Barium	No	2015	0.0617	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
PWS ID#	CONTRACTOR							
INORGAN	IIC COI	NTAMINA	NTS					
Barium	No	2015	0.07	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Copper	No	2014	0.0154	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits
Fluoride*	No	2015	0.935	None	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer & aluminum factories
DISINFEC	TANTS	& DISINI	ECTION	BY-PRODUC	CTS			
There is con	nvincing	evidence th	at addition	of a disinfect	ant is nece	ssary f	or control	of microbial contaminants.
Chlorine	No	Jan-Dec	0.50	.30-0.70	ppm	4	4	Water additive to control microbes
TTHM	No	2011	4.92	None	ppb	0	80	By-product of drinking water chlorination

ppm

10

10

Runoff from fertilizer use; leaching from septic

PWS ID# 350026 System #4-Gholson

Nitrate

No

2016

0.27

None

INORGA	NIC CO	NTAMINA	NTS .					
Barium	No	2015	.011	None	ppm	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Lead	No	Jan-June	15	1	ppb	0	AL=15	Corrosion of household plumbing systems; erosion
	No	July-Dec	1	None	ppb	0		of natural deposits
Nitrate	No	2016	0.96	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
DISINFE	CTANT	s & disini	FECTANI	Г BY-PRODU	JCTS			
There is co	nvincing	g evidence th	nat addition	n of a disinfec	tant is nece	ssary	for control	of microbial contaminants.
Chlorine	No	Jan-Dec	1.1	0.9-1.3	ppm	4	4	Water additive to control microbes
TTHM	No	2016	5.77	None	ppb	0	80	By-product of drinking water chlorination
HAA5	No	2016	1	None	ppb	0	60	By-product of drinking water chlorination

If you have any questions about this report or concerning your water utility, please contact our senior certified water operator, W. H. Dixon, Jr. at 1-601-743-5800. Copies of this report will not be mailed out individually, but are available at the DeKalb EMEPA office. Further information, including the State Auditor's Report, is available upon request.

^{*}To comply with the "Regulation Governing Fluoridation of Community Water Supplies", TOWN OF DEKALB is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within optimal range of 0.7-1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 was 91%.

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	Violatic Yes/N		Level of Detected	Range of Det or # of Sarop Excepting MCL/AL	les Maasu L		TG: WGI	Typical Source
PWS ID	35000	2 Syste	m #1 Trea	tment Plan	1t #1			
INORGA	HC CON	ITAMIN.	ANTS					The second secon
Barium	No	2015	0.047	None	ppm	2		Discharge of drilling waste, discharge from metal relineries; crosion of natural deposits
Соррег	No	2014	0.6	None	ppm	1.3		of natural deposits
Lead	No	2014	er telle. Takker	None	ppb	0	AL=15	Corresion of household plumbing systems; erosi- of natural deposits
vitrate	No	2016	0.27	None	ppm	10	10	Runoff from fertilizer use; leaching from septic tunks, sewage; crosion of natural deposits
DISINFECT				Y-PRODUC				Water additive to control microbes
N. 1		Inc Ilea	10	4.0 1 20	www.			
Ni salay salay	No .	Jan-Dec	1,0	.60 - 1.30	blun		1944 A 5 11 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Water additive to control micrones
System #1	Treatm	ent Pian	t #2	.60 - 1.30	blun	4	4	Water additive to control microres
Chlorine System #1 INORGAN Barium	Treatm	ent Pian	t #2	.60 - 1.30 None	bhtu	2	2	Water auditive to control microoes Discharge of drilling waste; discharge from motal refineries; crosion of natural deposits
System #1 NORGAN Barium	Treatm IC CON No	ent Pian FAMINA 2015	t #2 BITS 0.0617			2	2	Discharge of drilling waste; discharge from notal
System #1 INORGAN	Treatm IC CON No 350019	ent Pian FAMINA 2015	1#2 NTS 0.0617 m #3	None		2	2	Discharge of drilling weste; discharge from metal refineries; crossion of natural deposits
System #1 INORGAN Barium PWS ID#	Treatm IC CON No 350019	ent Pian FAMINA 2015	1#2 NTS 0.0617 m #3		ppm ppm	2	2	Discharge of drilling waste; discharge from metal refineries; crossion of natural deposits Discharge of drilling waste; discharge from metal refineries; crossion of natural deposits
System #1 INORGAN Barium PWS ID# INORGAN Barium	Treatm IC CON No 350019 IC CON	ent Plan FAMINA 2015 System	t #2 NTS 0.0617 m #3 NTS	None	ppm ppm	2	2	Discharge of drilling waste; discharge from metal refineries; crossion of natural deposits Discharge of drilling waste; discharge from metal refineries; crossion of natural deposits Corrosion of household plumbing systems; crossion of ratural deposits
System #1 INORGAN Barium PWS ID# INORGAN	Treatm C CON No 350019 IC CON	ent Plan PAMINA 2015 System FAMINA 2015	t #2 NTS 0.0617 m #3 NTS 0.07	None None	ppm ppm	2	2	Discharge of drilling waste; discharge from motal refineries; crossion of natural deposits Discharge of drilling waste; discharge from motal reflueries; crossion of natural deposits Corrossion of household plumbing systems; crossion
System #1 NORGAN Barium PWS ID# BRONGAN Barium Copper Fluoride*	Treatm C CON No 350019 IC CON No No	ent Pian TAMINA 2015 System TAMINA 2015 2014 2015	t #2 NTS 0.0617 m #3 NTS 0.07 0.0154 0.935	None None None None Y-PRODUC	ppm ppm ppm	2 1.3 /	2 2 AL=1.3 4	Discharge of drilling waste; discharge from metal refineries; crossion of natural deposits Discharge of drilling waste; discharge from metal-refineries; crossion of natural deposits Corrosion of household plumbing systems; cossion of tatural deposits Erossion of natural deposits Erossion of natural deposits Appendes strong tech; discharge from fertilizer &

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		6 Syster		olson	CONTRACTOR OF THE SAME	,		
		itamina					2	Discharge of drilling waste; discharge from metal
Barium	No .	2015	.011	None	ppm	*	1.00 Z	refineries: erosion of natural deposits
Lead	No	Jan-June	15	1	ppb	0	Al.=15	Corresion of household plumbing systems; crosion
	No	July-Dec		None	ppb	0		of natural deposits
Nitrate	No	2016	0.96	None	pom	10	10	Runoff from fertilizer use; leaching from septic
								tanks, sewage; erosion of natural deposits
				BY-PRODU				
There is o	onvincing	evidence ti	nat addition	r of a disinfec	tam is noc	essary.	for control	of microbial contaminants.
Chlorine	Nσ	Jan-Dec	1.1	0.9-1.3	ppm	4	4	Water additive to control microbes
TTHM	No	2016	5,77	None	apb	0	80	By-product of drinking water chlorination
HAAS	No	2016	1	None	ppb	0	60	By-product of drinking water chlorination

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