SECENTED WATER STEPS IN

## 2018 CERTIFICATION

Consumer Confidence Report (CCR)

	1	North Lee County War Public Water Syst	ater Association
	0410001,	0410024, 0410025, 0410035, 0410	0040 0410041 0410042 0410042
		List PWS ID #s for all Community Water	er Systems included in this CCR
requ	st be mailed or deli- uest. Make sure vo	king Water Act (SDWA) requires each Common Report (CCR) to its customers each year.	nunity Public Water System (PWS) to develop and distribute Depending on the population served by the PWS, this CCR apper of local circulation, or provided to the customers upon
×	Customers were	e informed of availability of CCR by: (Att	tach copy of publication, water bill or other)
		☐ Advertisement in local paper (Attac)	t copy of advertisement)
	×	☐ On water bills (Attach copy of bill)	
	0	☐ Email message (Email the message	to the address below)
		☐ Other	· ·
	Date(s) custor	mers were informed: 5 / 31 /2019	/ /2019 / /2019
	CCR was distr methods used	ibuted by U.S. Postal Service or other	direct delivery. Must specify other direct delivery
	Date Mailed/I	Distributed: / /	
	CCR was distrib	outed by Email (Email MSDH a copy)	Date Emailed: / / 2019
		□ As a URL	(Provide Direct URL)
		☐ As an attachment	,
	ם	☐ As text within the body of the email :	nessage
0	CCR was publis	hed in local newspaper. (Attach copy of p	ublished CCR or proof of publication)
	Date Published	d:/_/	· · · · · · · · · · · · · · · · · · ·
	CCR was posted	in public places. (Attach list of locations	Date Posted: / / 2019
Ø	CCR was posted	on a publicly accessible internet site at th	e following address:
~~~·			/assets/file/ccr2018.pdf (Provide Direct URL)
here above and co	TIFICATION  by certify that the ( and that I used dist breet and is consiste alth, Bureau of Publi	CCR has been distributed to the customers of ribution methods allowed by the SDWA. I fur	this public water system in the form and manner identified ther certify that the information included in this CCR is true ded to the PWS officials by the Mississippi State Department
Dus	stin Hathcock	(Water Operator)	5/29/19
Name	Title (Board Presid	dent, Mayor, Owner, Admin. Contact, etc.)	Date
		Submission options (Select of	ne method (NI.Y)
	Mail: (U.S. Po MSDH, Bureau		Email: water.reports@msdh.ms.gov
	P.O. Box 1700 Jackson, MS 39	215	Fax: (601) 576 - 7800  **Not a preferred method due to poor clarity**

CCR Deadline to MSDH & Customers by July 1, 2019!

# 2018 Annual Drinking Water Quality Report North Lee County Water Association PWS#: 410001, 410024, 410025, 410035, 410040, 410041, 410042, 410043 May 2019

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 providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Eutaw, Lower Eutaw, Eutaw-McShan and Gordo Formation Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify 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 North Lee Water Association have received moderate rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Dustin Hathcock at 662.869.1223. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the second Thursday of the month at 7:00 PM at the Birmingham Ridge Fire Department located at 947 CR 1948, Saltillo, MS. Your CCR will not be mailed out to each individual customer, however you may obtain a copy by calling the

We routinely monitor for contaminants 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 1<sup>st</sup> to December 31<sup>st</sup>, 2018. In cases where monitoring wasn't required in 2018, 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 or 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 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, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants 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 \$10,000,000.

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

Level 1 assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

	410001	<del></del>	·	TEST RESI				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects o # of Samples Exceeding MCL/ACL/MRDL	Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium  13. Chromium	N	2018	:087	.07080727	ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
		2018	.7	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17*	.4	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2018	.112	.109112	ppm	4	4	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2015/17*	0	0	ppb	0	AL=15	
Disinfectio	n By-Pr	oducts						
32. TTHM Total rihalomethanes]		015* 2.	6 N	Range ppb		0	80 B	y-product of drinking water hiorination.
Chlorine	N 2	018 1.	3 .3	-2.2 mg/l		0 MRD		Vater additive used to control

PWS ID#	410024			TEST RESU	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic (	Contam	inants						<del> </del>
8. Arsenic	N	2017*	.6	No Range	ppb	n/a	10	Erosion of natural deposits; runof from orchards; runoff from glass and electronics production waster
10. Barium	N	2017*	.1195	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2017*	.9	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17*	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2015/17*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
20. Nitrite (as Nitrogen)	N	2018	.03	No Range	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
21. Selenium	N	2017*	1.9	No Range	ppb	50	50	Discharge from petroleum and
								metal refineries; erosion of natural deposits; discharge from mines
Volatile Or	ganic C	ontamin	ants					ortosanaron extensión de la composição d
66. Ethylbenzene	N	2018	.718	No Range	ppb	700	700	Discharge from petroleum

76. Xylenes	N	2018	.002	283 No Range	ppm	_	10	refineries  10 Discharge from petroleum
Disinfecti	on By-	Produc	ts					factories; discharge from chemical factories
Chlorine	N	2018	1.7	.6-2.6	mg/l	n I	MDDI = 4	Maria de la companya del companya de la companya de la companya del companya de la companya de l
		_L				١	WINDL = 4	Water additive used to control microbes

PWS I		10025			TEST RE	SULTS				
Contamina	int	Violation Y/N	Date Collected	Level Detecte	Range of Detection # of Sample: Exceeding MCL/ACL/MRI	Measure -ment	MCLG	MC	L	Likely Source of Contamination
Inorga	nic C	ontam	inants							
8. Arsenic		N	2018	1.4	No Range	ppb	n/a		10	Erosion of natural deposits; runo from orchards; runoff from glass
10. Barium		N	2018	.4356	.09264356	ppm	2		2	and electronics production wast Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper		N	2018	.6	No Range	ppb	100	10	00	Discharge from steel and pulp mills; erosion of natural deposits
16. Fluoride			2015/17	.3	0	ppm	1.3	AL=1		Corrosion of household plumbin systems; erosion of natural deposits; leaching from wood preservatives
17. Lead		N	2018	.183	.174183	ppm	4		4	Erosion of natural deposits; wat additive which promotes strong teeth; discharge from fertilizer and aluminum factories
rr. Lead		N	2015/17	0	0	ppb	0	AL≂1	15	Corrosion of household plumbing systems, erosion of natural deposits
Volatile	e Org	anic C	ontami	nants					0.0001	
6. Xylenes		N	2018	.000639	.00051200639	ppm	10	1	- 11	Discharge from petroleum factories; discharge from chemical factories
Disinfe	ction ]	By-Pro	oducts							
1. HAA5	N	20	018 5	N	o Range p	pb	0	60	By-F	Product of drinking water
hlorine	N	20	018 1	3 .3	0-2.6 m	g/I	0 MRD			fection. er additive used to control

PWS ID#	-			TEST RESU	LIS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Radioactiv	e Contai	minants						
Radioactiv	e Contai	minants 2018		No Pange	oCi/I	0.1		
6. Radium 226	N I	2018	,15	No Range	pCi/L	0]	5	Erosion of natural deposits
	N I	2018		No Range	pCi/L	0]	5	Erosion of natural deposits

10. Barium	N	2018		.232	.220923	32	ppm	T	2		2	Discharge of drilling wastes; discharge from metal refineries;
13. Chromium	N	2018		.9	No Range		<del> </del>					erosion of natural deposits
14. Copper	N	2015	/17*	4			ppb		100		100	Discharge from steel and pulp mills; erosion of natural deposits
17. Lead	N	2015/		1	0		ppm		1.3	AL=	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
		P. Commercial	A III W		0		ppb		- 0	AL=		Corrosion of household plumbing systems, erosion of natural
Disinfect	ion By-	Produc	ets				-					deposits
81. HAA5	N	2018	1	1	lo Range	ppb	7	0		60	Ву-	Product of drinking water
Chlorine	N	2018	1		3~1.9	mg/i		0	MRD	L 39.4	disi	nfection.
Unregula	ted Co	ntamin					1		WIND		mic	ter additive used to control robes
Bromide	N	2018										
Manganese	N N	2018	72		30 - 610	UG/L					cond	urally-occurring element found in earth's crust and at low centrations in seawater, and in e surface and ground water; altous chloride was formerly used edicines and as a germicide
*1		2010	12	37	7 - 72	UG/L					Natu com com mine fertili drink	rally-occurring element; mercially available in bination with other elements and erals; used in steel production, izer, batteries and fireworks; ing water and wastewater ment chemicals; essential

Contaminant	Violatio	n Date	Level	TEST RES	week and the second	Luore	T	
	Y/N	Collected	Detected	# of Samples Exceeding MCL/ACL/MRDL	Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contar	ninants						
10. Barium	N	2015*	1556	No Range	Tana			
13. Chromium	- N	-			ppm	2		<ol> <li>Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits</li> </ol>
10. Omornium	N	2015*	1.8	No Range	ppb	100	10	O Discharge from steel and pulp
14. Copper	N	2015/17*	.3	0	-	D.		mills; erosion of natural deposits
16. Fluoride	N	2015*			ppm	1.3	AL=1,:	3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead			.136	No Range	ppm	4	Å	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
	N	2015/17*	1	0	ppb	0	AL=15	
Disinfection		roducts						
Chlorine	N	2018 1.	2 .5	- 2.5 mg/l		0 MRD	L=4 V	Vater additive used to control

PWS ID#	410041			TEST RESU	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination

6. Radium 226 Radium 228	N	2018		.60		No Range		pCi/L	T	0		5	Erosion of natural deposits
Inorganic	Cont	aminan	its				15 to 110				****	-	
10. Barium	N	2017		.171		No Range		ppm		2		2	Discharge of drilling wastes; discharge from metal refineries;
13. Chromium	N	2017		.8		No Range	SHE SE	ppb		100	177	100	erosion of natural deposits  Discharge from steel and pulp
14. Copper	N	2016		4		0	~~		-				mills; erosion of natural deposits
16. Fluoride	N	2017*						ppm		1.3	AL≃	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	- N			.113		No Range		ppm		4		4	Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
21. Selenium	N	2016*		1		0		ppb		0	AL=		Corrosion of household plumbing systems, erosion of natural deposits
				2		No Range		ppb		50			Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectio	n By-	Produc	ts					NA SECTION					Tilling
31. HAA5	N	2018	1		No	Range	ppb		0		60	By-I	Product of drinking water
32. TTHM Total rihalomethanes]	N	2018	4		No	Range	ppb		0		80	By-r	nfection. Product of drinking water Prination.
Chlorine	N	2018	1		.5 -	-2.5	mg/i		0	MRDL	= 4	Wat	er additive used to control

Contaminant	Violation	Date	1		TEST R			-				
	Y/N	Collecte	ed Dete	vel ected	Range of De # of Sam Exceedi MCL/ACL/N	oles ng	Unit Measure -ment	MC	CLG	MC	L	Likely Source of Contamination
Inorganic	Contan	iinants									-	
10. Barium	N	2015*	.1266	-	No Range							
13. Chromium					No Range		ppm		2		2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2015*	2.2		No Range		ppb		100		100	Discharge from steel and pulp
14. Copper	N	2016*	1.2		0							mills; erosion of natural deposits
D' ' C							mqq		1.3	AL=	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Disinfectio	n By-Pı	oducts										processage
32, TTHM Total rihalomethanes]		2018	5.94	No	Range	ppb		0		80	By-	product of drinking water orination.
Chlorine	N :	2018	1	.8-	1.80	mg/l		0	MRDI	L = 4	Wa	ter additive used to control

PWS ID#	410043			TEST RESULTS						
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination		

Inorganic	IN				****				
14. Copper	N	2017*				ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
16. Fluoride	- N	2016*	.2	0		ppm	1.3	AL=1	1.3 Corrosion of household plumbin systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	IN N		.133	No Range		ppm	4		4 Erosion of natural deposits; wate additive which promotes strong teeth; discharge from fertilizer and aluminum factories
21. Selenium	N N	2016*	1	0		ppb	0	AL=	
		2017*	1.5	No Range		ppb	50	ŧ	50 Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection	n By-	Product	S						
82. TTHM Total trihalomethanes]	N	2018	1.65	No Range	ppb	T	0	80	By-product of drinking water chlorination.
Chlorine	N	2017*	1	.3 – 1.85	mg/l		0 MRE		Water additive used to control microbes

<sup>\*</sup> Most recent sample. No sample required for 2018.

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 contaminants 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 contaminants 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 indicate that the 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 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 Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The North Lee County 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.

1-600-223-4460 - L-19537

CALL

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NORTH LEE COUNTY WATER ASSOCIATION 1004 BIRMINGHAM RIDGE ROAD · SALTILLO, MS 36866 662-869-1223 · nfcwa@elt.net

FIRST-CLASS MAIL U.S. POSTAGE PAID PERMIT NO. 4 SALTILLO, MS

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NET AMOUNT	SAVE THIS	GROSS AMOUNT
31.25	5.00	36.25

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011000005

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1178 BIRMINGHAM RIDGE RD SALTILLO MS 38866-9132

ACCOUNT NO. 011000284 05/20 05/20

137 HIGHLAND RIDGE DR

CURRENT METER READINGS 145527 145527

CHARGE FOR SERVICES

WTR	15.00
SWR	15.00
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SAVE THIS >>	5.00
GROSS DUE >>	35.00

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Ñ	ET AMOUNT	SAVE THIS	GROSS AMOUNT
	30.00	5.00	35.00

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011000284

3 YMMOT ANN GALLOWAY

137 HIGHLAND RIDGE DR SALTILLO, MS 38866

ACCOUNT NO. SERVICE FROM SERVICE TO 011001005 05/20 05720 SERVICE ADDRESS 1197 BIRMINGHAM RIDGE RD

OUBBENT #	ETER READINGS	
226312	224013	2299

WTR	15.00
NET DUE >>>	15.00
SAVE THIS >>	5.00
GROSS DUE >>	20.00

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	THE PROPERTY AND ADDRESS OF THE PARTY OF THE	
PAY NET AMOUNT ON OR BEFORE DUE DATE	06/15/2019	PAY GROSS AMOUNT AFTER DUE DATE
NET-AMOUNT	SAVE THIS	GHOSS AMOUNT
15.00	5.00	20.00

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#### RETURN SERVICE REQUESTED

011001005 TRACY THOMPSON

1197 BIRMINGHAM RIDGE RD SALTILLO MS 38866

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