

2019 JUN 28 AM 11:46

# 2018 CERTIFICATION

## Consumer Confidence Report (CCR)

Harland Creek Community Water Association  
Public Water System Name

260009, 260022, 260039, 260043

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, 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 email, fax (but not preferred) or mail a copy of the CCR and Certification to the 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 *(Email the message to the address below)*
- Other \_\_\_\_\_

Date(s) customers were informed: 06/20/2019 / / 2019 / / 2019

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 *(Email MSDH a copy)* Date Emailed:    /   / 2019

- As a URL \_\_\_\_\_ *(Provide Direct 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: Helmes County Herald

Date Published: 06/20/2019

CCR was posted in public places. *(Attach list of locations)* Date Posted:    /   / 2019

CCR was posted on a publicly accessible internet site at the following address:

http://www.hccwa.com/2018-ccr *(Provide Direct URL)*

### CERTIFICATION

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by 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 PWS officials by the Mississippi State Department of Health, Bureau of Public Water Supply

Melanie Davis, Secretary  
Name/Title *(Board President, Mayor, Owner, Admin. Contact, etc.)*

6-27-19  
Date

### Submission options *(Select one method ONLY)*

Mail: (U.S. Postal Service)  
MSDH, Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

Email: [water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov)

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 **2019 JUN -3 AM 7:31**  
 Harland Creek Community Water Association  
 PWS#: 260009, 260022, 260039 & 260043  
 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 Meridian Upper Wilcox & Winona - Tallahatta Aquifer. The Horseshoe System purchases water from the Town of Tchula.

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 Harland Creek Community 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 James M. Drennan, III at 662.582.4806. 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 Tuesday of the month at 7:00 PM at Old Coxburg Community Center.

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 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 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.

PWS ID # 0260009 TEST RESULTS								
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
<b>Inorganic Contaminants</b>								
10. Barium	N	2018	.0074	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2018	2.2	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17*	.1	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



trihalomethanes]	N	2017*	31	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2018	.9	.5- 1.2	mg/l	0	MDRL = 4	Water additive used to control microbes

## PWS ID # 0260043

## TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2018	.0051	.0031- .0051	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2018	1.6	1.5 – 1.6	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2016/18	1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2018	.118	.106 - .118	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2016/18	5	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Disinfection By-Products</b>								
81. HAA5	N	2017*	12	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2017*	23.9	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2018	.6	.05 – 1.5	mg/l	0	MDRL = 4	Water additive used to control microbes

\* 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 Harland Creek Community 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.

Sample No.	Date	Time	Location	Depth	Temp	PH	DO	Notes
15.1	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
15.2	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
15.3	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
15.4	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...

**Disturbance By Product**

Sample No.	Date	Time	Location	Depth	Temp	PH	DO	Notes
16.1	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
16.2	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
16.3	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
16.4	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...

**TEST RESULTS**

Sample No.	Date	Time	Location	Depth	Temp	PH	DO	Notes
17.1	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
17.2	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
17.3	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
17.4	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...

**Disturbance By Product**

Sample No.	Date	Time	Location	Depth	Temp	PH	DO	Notes
18.1	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
18.2	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
18.3	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...
18.4	10/10/77	10:00	100'	100'	10.0	7.5	1.0	...

Water samples analyzed for various parameters including pH, DO, and temperature. The data indicates that the water quality is generally stable, with minor fluctuations in DO and temperature over the sampling period. The pH remains consistently between 7.5 and 8.0, and DO levels are maintained between 1.0 and 1.5 mg/L. Temperature readings are consistent at approximately 10.0°C. These results suggest that the water body is in a relatively healthy state, with no significant signs of pollution or oxygen depletion. Further monitoring is recommended to ensure continued water quality.

# PROOF OF PUBLICATION

## HOLMES COUNTY HERALD

### LEXINGTON, MISSISSIPPI

**STATE OF MISSISSIPPI,  
HOLMES COUNTY**

Personally appeared before me, the undersigned authority, Chancery Clerk of said County and State, Maria M. Edwards, publisher of a public newspaper called the *Holmes County Herald* established in 1959 and published continuously since that date in said County and State, who, being duly sworn, deposed and said that the notice, of which a true copy is hereto annexed, was published in said paper for 1 time(s), as follows, to wit:

2018 Annual Drinking Water Quality Report  
Holmes County Community Water Association  
PWS# 260608, 260622, 260623 & 260643  
May 2018

This document is provided to you for your Annual Quality Water Report. This report is designed to inform you about the quality of the water you receive in your area. Our mission goal is to provide you with a clear and understandable picture of the quality of the water you receive. The only way to ensure the accuracy of the information provided in this report is to have the data collected, analyzed, and reported in a timely and accurate manner. The information provided in this report is based on the data collected from the water treatment plant.

The water quality monitoring data is compiled for the public water system to determine the overall quality of the drinking water supply in the Holmes County community. A typical water quality report includes information on how the water quality is monitored, what tests are performed, and what the results mean. The data is collected from the water treatment plant and is analyzed to determine the overall quality of the drinking water supply in the Holmes County community.

If you have any questions about this report, please contact the Holmes County Community Water Association at 462-362-0300. We will be happy to help you understand the information in this report and answer any questions you may have. The data is collected from the water treatment plant and is analyzed to determine the overall quality of the drinking water supply in the Holmes County community.

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Vol. 61 No. 25 the 20th  
day of JUNE, 2019

Vol. \_\_\_\_\_ No. \_\_\_\_\_ the \_\_\_\_\_  
day of \_\_\_\_\_, 2019

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day of \_\_\_\_\_, 2019

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day of \_\_\_\_\_, 2019

Vol. \_\_\_\_\_ No. \_\_\_\_\_ the \_\_\_\_\_  
day of \_\_\_\_\_, 2019

*Maria M. Edwards*  
Publisher

Witness my hand and seal at Lexington, Mississippi this  
the 20 day of June, 2019  
*Maria M. Edwards*  
Chancery Clerk  
by \_\_\_\_\_ D.C.  
26.5 INCHES wide 1 line(s)  
Amount \$ 204.75

**PWS ID # 0266009**

Contaminant	Volume (M)	Date Collected	Level Detected	Level Allowed	Range of Occurrence of Exceeding MCL/MCLG	Test Method	MCL/MCLG	SMCL	Library Source of Contaminant
<b>Inorganic Contaminants</b>									
10. Arsenic	M	2018	207	No Range	ppm	2	10	10	10
11. Chloride	M	2018	2.3	No Range	ppm	100	100	100	100
12. Copper	M	2018-01	1	1.3	ppm	1.3	1.3	1.3	1.3
13. Lead	M	2018-01	1	1.5	ppm	1.5	1.5	1.5	1.5
<b>Disinfection By-Products</b>									
14. THM Disinfection Chloroform	M	2018	1.2	No Range	ppm	0	0	0	0
15. Haloacetic Acids	M	2018	1.1	1.1	ppm	1	1	1	1

**PWS ID # 0266022**

Contaminant	Volume (M)	Date Collected	Level Detected	Level Allowed	Range of Occurrence of Exceeding MCL/MCLG	Test Method	MCL/MCLG	SMCL	Library Source of Contaminant
<b>Inorganic Contaminants</b>									
10. Arsenic	M	2018	204	No Range	ppm	2	10	10	10
11. Chloride	M	2018-01	1	1.3	ppm	1.3	1.3	1.3	1.3
12. Copper	M	2018-01	1	1.3	ppm	1.3	1.3	1.3	1.3
13. Lead	M	2018-01	1	1.5	ppm	1.5	1.5	1.5	1.5
<b>Disinfection By-Products</b>									
14. THM Disinfection Chloroform	M	2018	1.1	No Range	ppm	0	0	0	0
15. Haloacetic Acids	M	2018	1.1	1.1	ppm	1	1	1	1

**PWS ID # 0266043**

Contaminant	Volume (M)	Date Collected	Level Detected	Level Allowed	Range of Occurrence of Exceeding MCL/MCLG	Test Method	MCL/MCLG	SMCL	Library Source of Contaminant
<b>Inorganic Contaminants</b>									
10. Arsenic	M	2018	207	No Range	ppm	2	10	10	10
11. Chloride	M	2018	2.3	No Range	ppm	100	100	100	100
12. Copper	M	2018-01	1	1.3	ppm	1.3	1.3	1.3	1.3

010004000 05/22 06/21

SERVICE ADDRESS  
1301 BROZVILLE ROAD

CURRENT	METER READINGS		USED
	PREVIOUS		
546482	536095	10387	

CHARGE FOR SERVICES

WTR 48.06  
 TAX 3.36  
 NET DUE >>> 51.42  
 SAVE THIS >> 10.70  
 GROSS DUE >> 62.12

Consumer Confidence Report (CCR) will not be delivered. CCR is published in the 6/20/19 edition of the Holmes County Herald. CCR may also be found on our website at <http://www.hccwa.com/2018-ccr/>

HARLAND CREEK  
 COMMUNITY WATER ASSOC.  
 P.O. BOX 217, LEXINGTON, MS 39095  
 662-834-2560  
 harlandcreekwater@gmail.com

PRESORTED  
 FIRST CLASS MAIL  
 U.S. POSTAGE  
 PAID  
 PERMIT NO. 5  
 LEXINGTON, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
51.42	07/10/2019	62.12
NET AMOUNT	SAVE THIS	GROSS AMOUNT
51.42	10.70	62.12

\*\* PAID BY BANK DRAFT \*\*

RETURN SERVICE REQUESTED

010004000  
 PIERCE FARMS  
 1301 BROZVILLE RD  
 LEXINGTON MS 39095-7001

FORMSINK, LLC - FOR RECORDER CALL 1-800-223-4460 - L-28623

ACCOUNT NO. SERVICE FROM SERVICE TO  
 010005000 05/22 06/21

SERVICE ADDRESS  
1301 BROZVILLE ROAD

CURRENT	METER READINGS		USED
	PREVIOUS		
476555	472077	4478	

CHARGE FOR SERVICES

WTR 31.81  
 NET DUE >>> 31.81  
 SAVE THIS >> 10.00  
 GROSS DUE >> 41.81

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PRESORTED  
 FIRST-CLASS MAIL  
 U.S. POSTAGE  
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 PERMIT NO. 5  
 LEXINGTON, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
31.81	07/10/2019	41.81
NET AMOUNT	SAVE THIS	GROSS AMOUNT
31.81	10.00	41.81

\*\* PAID BY BANK DRAFT \*\*

RETURN SERVICE REQUESTED

010005000  
 PIERCE CLARA SUE  
 1301 BROZVILLE RD  
 LEXINGTON MS 39095-7001

FORMSINK, LLC - FOR RECORDER CALL 1-800-223-4460 - L-28623

ACCOUNT NO. SERVICE FROM SERVICE TO  
 010006000 05/22 06/21

SERVICE ADDRESS  
1413 BROZVILLE ROAD

CURRENT	METER READINGS		USED
	PREVIOUS		
81797	71570	10227	

CHARGE FOR SERVICES

WTR 47.62  
 NET DUE >>> 47.62  
 SAVE THIS >> 10.00  
 GROSS DUE >> 57.62

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 harlandcreekwater@gmail.com

PRESORTED  
 FIRST-CLASS MAIL  
 U.S. POSTAGE  
 PAID  
 PERMIT NO. 5  
 LEXINGTON, MS

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
47.62	07/10/2019	57.62
NET AMOUNT	SAVE THIS	GROSS AMOUNT
47.62	10.00	57.62

\*\* PAID BY BANK DRAFT \*\*

RETURN SERVICE REQUESTED

010006000  
 PIERCE WILLIAM M  
 1413 BROZVILLE RD  
 LEXINGTON MS 39095-7000

FORMSINK, LLC - FOR RECORDER CALL 1-800-223-4460 - L-28623