

# 2019 CERTIFICATION

2020 JUN -1 AM 8:31

## Consumer Confidence Report (CCR)

EAST LOWNDES WATER ASSOCIATION, INC.

Public Water System Name

PWS I.D.: 440005 (AL0001809), 440080, 440081, 440103, 440100

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 FOUR BILLING CYCLES

Date(s) customers were informed: 5/6/2020 5/13/2020 5/20/2020 5/28/2020

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used \_\_\_\_\_

Date Mailed/Distributed: \_\_\_\_\_ ADEM

CCR was distributed by Email *(Email MSDH a copy)* Date Emailed: \_\_\_\_ / \_\_\_\_ / 2020

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: \_\_\_\_\_

Date Published: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ EAST LOWNDES WATER ASSOC. - BUSINESS OFFICE  
1325 RIDGE ROAD COLUMBUS, MS 39705

CCR was posted in public places. *(Attach list of locations)* Date Posted: 04/24/2020

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

http://eastlowndes.com/DOCS/ELWA-2019CCR.pdf *(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

Arant Mitchell, GENERAL MANAGER

Name/Title (Board President, Mayor, Owner, Admin. Contact, etc.)

MAY 28, 2020

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, 2020!**

2019 Annual Drinking Water Quality Report  
East Lowndes Water Association, Inc.  
PWS#: 440005 (AL0001809), 440080, 440081, 440100, 440103  
April 2020

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.

If you have any questions about this report or concerning your water utility, please contact Grant Mitchell at 662.549.5000 (Cell). 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 fourth Monday the month (except December) at 7:00 PM at the Business Office at 1325 Ridge Road, Columbus.

Our water source is from wells drawing from the Gordo and Massive Sand Aquifer. 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 East Lowndes Water Association, Inc. have received a lower to moderate rankings in terms of susceptibility to contamination.

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>, 2019. In cases where monitoring wasn't required in 2019, 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.

*Level 1 Assessment: 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.*

**PWS ID # MS0440005 – AL0001809 Plant One – Lee Stokes Road- TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
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**Inorganic Contaminants**

10. Barium	N	2019	.0825	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2015/17*	0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019	.726	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2015/17*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

**Disinfection By-Products**

81. HAA5	N	2019	8	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2019	14.2	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	1.2	1.1 – 1.40	mg/l	0	MRDL = 4	Water additive used to control microbes

**Unregulated Contaminants**

Sodium	N	2019	3700	No Range	PPB	NONE	NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
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**PWS ID # 0440080 Plant Two - Huckleberry Lane - TEST RESULTS**

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
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**Inorganic Contaminants**

10. Barium	N	2019	.0502	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2016/18*	0	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019	.873	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2016/18*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

**Disinfection By-Products**

81. HAA5	N	2019	1	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2019	1.1	1 - 1.4	mg/l	0	MRDL = 4	Water additive used to control microbes

**Unregulated Contaminants**

Sodium	N	2019	2800	No Range	PPB	NONE	NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
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### PWS ID # 0440081 Plant Three A – Old Yorkville Rd - 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
<b>Inorganic Contaminants</b>								
10. Barium	N	2019	.0946	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; 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	2019	.69	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2016/18*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Disinfection By-Products</b>								
81. HAA5	N	2019	3	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2019	14.11	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	1.3	1.09 - 1.4	mg/l	0	MRDL = 4	Water additive used to control microbes
<b>Unregulated Contaminants</b>								
Sodium	N	2019	4500	No Range	PPB	NONE	NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

### PWS ID # 0440103 – Plant 3B West Old Yorkville Road - 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
<b>Inorganic Contaminants</b>								
10. Barium	N	2019	.0935	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
16. Fluoride	N	2019	.768	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2016/18*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
<b>Disinfection By-Products</b>								
81. HAA5	N	2018*	9	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2018*	2.91	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	1.2	1 – 1.58	mg/l	0	MRDL = 4	Water additive used to control microbes
<b>Unregulated Contaminants</b>								
Sodium	N	2019	3800	No Range	PPB	NONE	NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

<b>PWS ID # 0440100 – Herman Vaughn Road - TEST RESULTS</b>								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2019	.0075	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
16. Fluoride	N	2019	.574	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
<b>Disinfection By-Products</b>								
81. HAA5	N	2019	10	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2019	11.1	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	1.1	1 – 1.4	ppm	0	MRDL = 4	Water additive used to control microbes
<b>Unregulated Contaminants</b>								
Sodium	N	2019	2900	No Range	PPB	NONE	NONE	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

\* Most recent sample. No sample required for 2019.

\*\* Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2 mg/l.

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.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system is required to report certain results pertaining to fluoridation of our water system.

#### **East Lowndes #1 – Lee Stokes Road**

The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 91%.

#### **East Lowndes #2 – Huckleberry Lane**

The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 100%.

#### **East Lowndes #3A – East Old Yorkville Road**

The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 100%.

**East Lowndes #3B – West Old Yorkville Road**

The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 10. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 100%.

**East Lowndes #4 – Herman Vaughn Road**

The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 9. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 100%.

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 East Lowndes Water Association, Inc. 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. The Association has received the highest rating of 5.0 through the Mississippi State Department of Health's Capacity Assessment Program on all five systems. The Association now has the ability to notify its customers with an "Immediate Response Information System" for emergencies and critical information pertaining to its water supply. If you have not updated your contact information, please do so.



# EAST LOWNDES WATER ASSOCIATION

1325 RIDGE ROAD  
(662) 328-1065

P.O. BOX 9190  
Office Hours: 8:00 a.m. - 4:30 p.m. Monday - Friday

COLUMBUS, MS 39705-0023

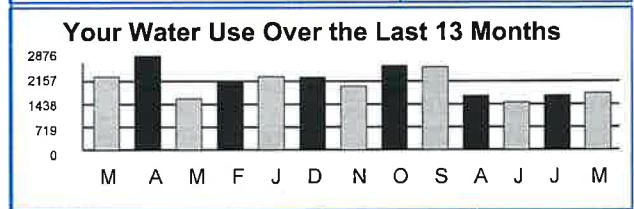
CUSTOMER NUMBER	ACCOUNT NUMBER	SERVICE PERIOD	DAYS	PIN #
1026	20/200-0	04/02/20 - 05/01/20	31	8776
SERVICE	PREVIOUS READING	PRESENT READING	USAGE	AMOUNT DUE
WATER SRVC	509102	511343	2241	\$12.89

**Doxo is not our website if you pay here your payment will be delayed.**

**\*PAID BY DRAFT\***

Your 2019 Annual Drinking Water Quality Report is posted at:  
<http://eastlowndes.com/DOCS/ELWA-2019CCR.pdf>  
 If you prefer to have a copy mailed to you, please call 662-328-1065.  
 You may find previous reports at the Association's home page [eastlowndes.com](http://eastlowndes.com)

<b>TOTAL DUE NOW</b>	\$12.89
<b>AFTER 05/20/20 PAY</b>	\$14.18



PERIOD	DAYS	GAL USED	DAILY AVG. GAL.
CURRENT MONTH	29	2241	77.28
LAST MONTH	31	2879	92.87
YEAR AGO	30	1728	57.60

**OUR NIGHT DEPOSITORY IS LOCATED AT THE BUSINESS OFFICE.  
1325 RIDGE ROAD.  
Automatic Bank Draft is available.**

**TO REPORT WATER OUTAGE OR EMERGENCY AFTER HOURS  
662-327-1651**

Retain This Copy For Your Records

Please Detach And Return This Portion With Payment



**East Lowndes Water Association**  
P.O. BOX 9190  
COLUMBUS, MS 39705-0023

**Address Service Requested**



SERVICE ADDRESS	1416 OLD YORKVILLE ROAD EAST	
CUSTOMER NO.	PAST DUE AFTER	PREVIOUS BALANCE
1026	05/20/20	\$0.00
ACCOUNT NUMBER	NET AMOUNT DUE	TOTAL DUE IF PAID LATE
20/200-0	\$12.89	\$14.18

\*\*\*\*\*AUTO\*\*5-DIGIT 39702  
 RICK DODSON T4 P1  
 1416 OLD YORKVILLE RD  
 COLUMBUS MS 39702-9799



**East Lowndes Water Association**  
P.O. Box 9190  
Columbus, MS 39705-0023