

2019 MAY 17 AM 8:45

# 2018 CERTIFICATION

## Consumer Confidence Report (CCR)

EAST LOWNDES WATER ASSOCIATION, Inc.

Public Water System Name

PWS ID: 440005 (A10001809), 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: 04/14/2019 04/19/2019 04/24/2019 05/06/2019

- 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:       /      /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: \_\_\_\_\_

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:       /      /2019

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

http://www.eastlowndes.com/DOCS/ELWA-2018CCR.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

James Mitchell, GENERAL MANAGER

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

MAY 14, 2019

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

**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  
East Lowndes Water Association, Inc.  
PWS#: 440005 (AL0001809), 440080, 440081, 440100, 440103  
April 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.

If you have any questions about this report or concerning your water utility, please contact Grant Mitchell at 662.328.1065. 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>, 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.

*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
<b>Inorganic Contaminants</b>								
10. Barium	N	2016*	.0776	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2016*	2.3	No Range	ppb	100	100	Discharge from steel and pulp mills; 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	2016*	.497	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
<b>Disinfection By-Products</b>								
81. HAA5	N	2018	3	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2018	12.74	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2018	1.3	1.1 – 1.59	mg/l	0	MRDL = 4	Water additive used to control microbes

**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
<b>Inorganic Contaminants</b>								
10. Barium	N	2016*	.0515	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2016*	1.7	No Range	ppb	100	100	Discharge from steel and pulp mills; 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	2016*	.308	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>								
82. TTHM [Total trihalomethanes]	N	2018	3.32	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2018	1	1 - 1.4	mg/l	0	MRDL = 4	Water additive used to control microbes

**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 Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
10. Barium	N	2016*	.0915	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2016*	2.2	No Range	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	2016*	.105	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	2017	8	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2018	1.2	1.1 - 1.46	mg/l	0	MRDL = 4	Water additive used to control microbes

**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 Measurement	MCLG	MCL	Likely Source of Contamination
<b>Microbiological Contaminants</b>								
1. Total Coliform Bacteria	N	Sept	Positive	1	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
<b>Inorganic Contaminants</b>								
10. Barium	N	2016*	.091	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2016*	1.9	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
16. Fluoride	N	2016*	.127	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	2018	1.3	1.1 – 1.92	mg/l	0	MRDL = 4	Water additive used to control microbes

## PWS ID # 0440100 – Herman Vaughn 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
<b>Inorganic Contaminants</b>								
10. Barium	N	2016*	.0106	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2016*	1.6	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
16. Fluoride	N	2016*	1.19	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	2018	2	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2018	6.04	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2018	1	1 – 1.3	ppm	0	MRDL = 4	Water additive used to control microbes

\* Most recent sample. No sample required for 2018.

\*\* Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.3 mg/l.

### Microbiological Contaminants:

(1) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

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.

On system # 440103, during the past year we were required to conduct and completed 1 (one) Level 1 assessment. 1 (one) Level 1 assessment was completed. In addition, we were required to take and completed 1 (one) corrective actions.

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 12. 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 91%.

**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 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 #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 8. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 89%.

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 a 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.

CALENDAR YEAR 2018  
CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM

Water System Name: East Lowndes Water Association, Inc.

PWSID No.: MS 440005 and AL 0001809

I affirm that the attached Consumer Confidence Report (CCR) for the above referenced Public Water System has been distributed to customers, and the appropriate notices of availability have been given, in accordance with ADEM Administrative Code R 335-7-14. The information contained in the CCR is correct and consistent with the compliance monitoring data previously submitted to ADEM.

Furthermore, if drinking water was supplied to other Public Water System(s) for more than 60 consecutive days during the year, a copy of the applicable compliance monitoring data was mailed or supplied to the purchasing system(s) on the following date:

May 6, 2019

Certified by: Signature: 

Print Name: Grant Mitchell

Title: General Manager

Phone #: 662-549-5000 cell

Date: May 14, 2019



# 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



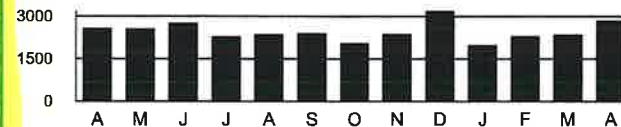
CUSTOMER NUMBER	ACCOUNT NUMBER	SERVICE PERIOD	DAYS	PIN #
16923	42\680-0	03/11/2019 - 04/10/2019	30	3663
SERVICE	PREVIOUS READING	PRESENT READING	USAGE	AMOUNT DUE
PREVIOUS BALANCE DUE				0.00
WATER SERVICE	359262	362120	2858	15.00
				<b>WILL BE PAID BY BANK DRAFT</b>

**Your 2018 Annual Drinking Water Quality Report is posted at:**  
[eastlowndes.com/DOCS/ELWA-2018CCR.pdf](http://eastlowndes.com/DOCS/ELWA-2018CCR.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)

**TOTAL DUE NOW** 15.00

**AFTER 04/27/2019 PAY** \$16.50

### Your Water Use Over the Last 13 Months



PERIOD	DAYS	GAL USED	DAILY AVG. GAL.
CURRENT MONTH	30	2858	95.27
LAST MONTH	28	2359	84.25
YEAR AGO	32	2588	80.88

**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	566 GUNSHOOT RD	
CUSTOMER NO.	PAST DUE AFTER	PREVIOUS BALANCE
16923	04/27/2019	0.00
ACCOUNT NUMBER	<b>NET AMOUNT DUE</b>	TOTAL DUE IF PAID LATE
42\680-0	15.00	16.50

75795-11A\*##8\*01863 \*\*\*\*\*SINGLE-PIECE  
**GENE WHITAKER**  
**566 GUNSHOOT TD**  
**STEENS MS 39766**

01863



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