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MISSISSIPPI STATE DEPARTMENT OF HEALTH

# 2020 CERTIFICATION

Consumer Confidence Report (CCR)

EAST LOWNDES WATER ASSOCIATION, INC.

*Public Water System Name*

440005 (AL0001809), 440080, 0440081, 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.

**CCR DISTRIBUTION** *(Check all boxes that apply.)*

| INDIRECT DELIVERY METHODS *(Attach copy of publication, water bill or other)* | DATE ISSUED |
|---|---|
| ☐ Advertisement in local paper *(Attach copy of advertisement)* | |
| ☒ On water bills *(Attach copy of bill)* FOUR BILLING CYCLES 5/6/21, 5/13/21, 5/20/21, 5/27/21 | |
| ☐ Email message *(Email the message to the address below)* | |
| ☐ Other _____ | |
| **DIRECT DELIVERY METHOD** *(Attach copy of publication, water bill or other)* | **DATE ISSUED** |
| ☐ Distributed via U. S. Postal Mail | |
| ☐ Distributed via E-Mail as a URL *(Provide Direct URL)*: _____ | |
| ☐ Distributed via E-Mail as an attachment | |
| ☐ Distributed via E-Mail as text within the body of email message | |
| ☐ Published in local newspaper (attach copy of published CCR or proof of publication) | |
| ☒ Posted in public places (attach list of locations) | 5/27/21 |
| ☒ Posted online at the following address *(Provide Direct URL)*: https://eastlowndes.com/DOCS/ELWA-2020CCR.pdf | 4/26/21 |

**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 MSDH, Bureau of Public Water Supply.

| Name | Title | Date |
|---|---|---|
| Brant Mitchell | GENERAL MANAGER | 5-27-21 |

**SUBMISSION OPTIONS** (*Select one method ONLY*)

**You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.**

**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 PREFERRED)

**CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021**

# EAST LOWNDES WATER ASSOCIATION

1325 RIDGE ROAD P.O. BOX 9190 COLUMBUS, MS 39705-0023
(662) 328-1065 Office Hours: 8:00 a.m. - 4:30 p.m. Monday - Friday

| CUSTOMER NUMBER | ACCOUNT NUMBER | SERVICE PERIOD | DAYS | PIN # |
|---|---|---|---|---|
| 27482 | 1/525-6 | 04/23/21 - 05/24/21 | 30 | 3403 |

| SERVICE | PREVIOUS READING | PRESENT READING | USAGE | AMOUNT DUE |
|---|---|---|---|---|
| WATER SERVICE | 859151 | 868023 | 8872 | $51.01 |

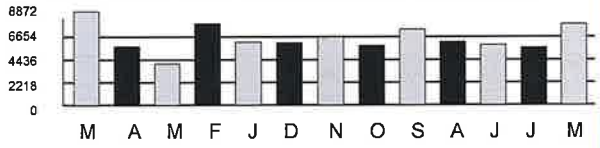
Doxo is not our website if you pay here your payment will be delayed.

*PAID BY DRAFT*

Your 2020 Annual Drinking Water Quality Report is posted at:
https://eastlowndes.com/DOCS/ELWA-2020CCR.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

| | |
|---|---|
| TOTAL DUE NOW | $51.01 |
| AFTER 06/12/21 PAY | $56.11 |

**Your Water Use Over the Last 13 Months**




| PERIOD | DAYS | GAL USED | DAILY AVG. GAL. |
|---|---|---|---|
| CURRENT MONTH | 31 | 8872 | 286.19 |
| LAST MONTH | 30 | 5569 | 185.63 |
| YEAR AGO | 32 | 7675 | 239.84 |

**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 | 8143 HWY 69 SOUTH | |
|---|---|---|
| CUSTOMER NO. | PAST DUE AFTER | PREVIOUS BALANCE |
| 27482 | 06/12/21 | $0.00 |
| ACCOUNT NUMBER | NET AMOUNT DUE | TOTAL DUE IF PAID LATE |
| 1/525-6 | $51.01 | $56.11 |

**********AUTO**5-DIGIT 39702
DANIEL CRIDDLE T1 P1
8143 HIGHWAY 69 S
COLUMBUS MS 39702-7389

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

# 2020 Annual Drinking Water Quality Report
East Lowndes Water Association, Inc.
PWS#: 440005 (AL0001809), 440080, 440081, 440100, 440103
April 2021

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, MS 39705.

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 1st to December 31st , 2020. In cases where monitoring wasn't required in 2020, 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 Measure -ment | MCLG | MCL | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|---|
| **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 | 2018/20 | .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* | .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 | 2018/20 | 1 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| Sodium | N | 2019* | 3700 | No Range | ppb | 0 | 0 | Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents. |
| **Disinfection By-Products** | | | | | | | | |
| 81. HAA5 | N | 2020 | 13 | No Range | ppb | 0 | 60 | By-Product of drinking water disinfection. |
| 82. TTHM [Total trihalomethanes] | N | 2020 | 12.99 | No Range | ppb | 0 | 80 | By-product of drinking water chlorination. |
| Chlorine | N | 2020 | 1.3 | 1.07 – 1.48 | 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 Measure -ment | MCLG | MCL | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|---|
| **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 |
| Sodium | N | 2019* | 2800 | No Range | ppb | 0 | 0 | Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents. |
| **Disinfection By-Products** | | | | | | | | |
| 81. HAA5 | N | 2020 | 8 | No Range | ppb | 0 | 60 | By-Product of drinking water disinfection. |
| Chlorine | N | 2020 | 1.1 | 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 Measure -ment | MCLG | MCL | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|---|
| **Microbiological Contaminants** | | | | | | | | |
| 1. Total Coliform Bacteria | N | September | Positive | 1 | NA | 0 | presence of coliform bacteria in 5% of monthly samples | Naturally present in the environment |
| **Inorganic Contaminants** | | | | | | | | |
| 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 |
| Sodium | N | 2019* | 4500 | No Range | ppb | 0 | 0 | Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents. |
| **Disinfection By-Products** | | | | | | | | |
| 81. HAA5 | N | 2020 | 2 | No Range | ppb | 0 | 60 | By-Product of drinking water disinfection. |
| 82. TTHM [Total trihalomethanes] | N | 2020 | 10.4 | No Range | ppb | 0 | 80 | By-product of drinking water chlorination. |
| Chlorine | N | 2020 | 1.3 | 0 – 1.62 | 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 Measure -ment | MCLG | MCL | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|---|
| **Inorganic Contaminants** | | | | | | | | |
| 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 |
| Sodium | N | 2019* | 3800 | No Range | ppb | 0 | 0 | Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents. |
| **Disinfection By-Products** | | | | | | | | |
| 81. HAA5 | N | 2020 | 3 | No Range | ppb | 0 | 60 | By-Product of drinking water disinfection. |
| 82. TTHM [Total trihalomethanes] | N | 2020 | 1.41 | No Range | ppb | 0 | 80 | By-product of drinking water chlorination. |
| Chlorine | N | 2020 | 1.3 | 1 – 1.59 | 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 Measure -ment | MCLG | MCL | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|---|
| **Inorganic Contaminants** | | | | | | | | |
| 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 |
| Sodium | N | 2019* | 2900 | No Range | ppb | 0 | 0 | Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents. |
| **Disinfection By-Products** | | | | | | | | |
| 81. HAA5 | N | 2020 | 7 | No Range | ppb | 0 | 60 | By-Product of drinking water disinfection. |
| 82. TTHM [Total trihalomethanes] | N | 2020 | 6 | No Range | ppb | 0 | 80 | By-product of drinking water chlorination. |
| Chlorine | N | 2020 | 1.2 | 1 – 1.4 | ppm | 0 | MRDL = 4 | Water additive used to control microbes |

** Most recent sample. No sample required for 2020.*
*** Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2 mg/l.*
*Microbiological Contaminants:*
(1) Total Coliform/E Coli. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliform indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessments (s) to identify problems and to correct any problems that were found during these assessments.

During September 2020 on System # 0040081 we were required to conduct and completed 1 (one) Level 1 assessment. In addition, we were required to take and completed 5 (Five) corrective action.

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 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 #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 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 #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 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 #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 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%.

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.

## Public Locations Where CCR is Available:

Lowndes County Health Department – (hand delivered)
801 Lehmberg Road
Columbus, MS 39702
(662) 328-6091

Columbus Lowndes Public Library – (hand delivered)
314 7th Street North
Columbus, MS 39701
(662) 329-5300

ADEM – (e-filed)
1400 Coliseum Boulevard
Montgomery, AL 36110-2400
(334) 271-7700

ELWA – (posted)
1325 Ridge Road
Columbus, MS 39705
(662) 328-1065