



MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

EAST LOWNDES WATER ASSOC.
Public Water Supply Name

440005, 440080, 440081, 440100
List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each community public water system to develop and distribute a consumer confidence report (CCR) to its customers each year.

Please Answer the Following Questions Regarding the Consumer Confidence Report

Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)

- Advertisement in local paper
On water bills
Other www.eastlowndes.com (WEB SITE)

Date customers were informed: 6/8/2010

CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: / /

CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)

Name of Newspaper: COMMERCIAL DISPATCH

Date Published: 6/8/2010

CCR was posted in public places. (Attach list of locations) BUSINESS OFFICE
1325 RIDGE ROAD - COLUMBUS, MS

Date Posted: 6/8/2010

CCR was posted on a publicly accessible internet site at the address: www.eastlowndes.com

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above.

GRANT MITCHELL, GENERAL MANAGER
Name/Title (President, Mayor, Owner, etc.)

JUNE 8, 2010
Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215
Phone: 601-576-7518

# 2009 Drinking Water Quality Report

## East Lowndes Water Association, Inc.

### **Is my water safe?**

Last year, we conducted tests for over 80 contaminants. We only detected 3 of those contaminants, and found none at a level higher than EPA allows. As we told you at the time our water exceeded drinking water standards. (For more information see the section labeled Violations at the end of each report.) This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

### **Do I need to take special precautions?**

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

### **Where does my water come from?**

Our water comes from nine wells - seven drawing from the Gordo Formation and two from the Coker Formation.

### **Source water assessment and its availability**

Our source water assessment has been completed. Our wells were ranked LOWER in terms of susceptibility to contamination. For a copy of the report, please contact our office at 662-328-1065.

### **Why are there contaminants in my drinking water?**

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

### **How can I get involved?**

The annual membership meeting will be held **Monday, August 23, 2010, at 7:00 p.m.** at the Association's business office located at 1325 Ridge Road, Columbus, MS. Our Board of Directors holds regular monthly meetings on the fourth Monday night of each month (except December) at the same time and location. All customers are welcome to attend; however, notice should be given to the business office 10 days prior to the regular monthly meeting in order to include any concerns on the agenda.

### Additional Information for Lead

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. East Lowndes Water Association 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 for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

## Water Quality Data Tables

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

### PWS 0440005 Plant One – Lee Stokes Road

<u>Contaminants</u>	<u>MCLG</u> or <u>MRDLG</u>	<u>MCL,</u> <u>TT, or</u> <u>MRDL</u>	<u>Your</u> <u>Water</u>	<u>Range</u> <u>Low</u> <u>High</u>	<u>Sample</u> <u>Date</u>	<u>Violation</u>	<u>Typical Source</u>
<b>Disinfectants &amp; Disinfection By-Products</b>							
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)							
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	1.23	1.17   1.30	2009	No	Water additive used to control microbes
<b>Inorganic Contaminants</b>							
Barium (ppm)	2	2	0.087151	NA	2009	No	Discharge of drilling waste; Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	0.000877	NA	2009	No	Discharge from steel and iron mills; Erosion of natural deposits

### PWS 0440080 Plant Two – Huckleberry Road

<u>Contaminants</u>	<u>MCLG</u> or <u>MRDLG</u>	<u>MCL,</u> <u>TT, or</u> <u>MRDL</u>	<u>Your</u> <u>Water</u>	<u>Range</u> <u>Low</u> <u>High</u>	<u>Sample</u> <u>Date</u>	<u>Violation</u>	<u>Typical Source</u>
<b>Disinfectants &amp; Disinfection By-Products</b>							
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)							

Chlorine (as Cl2) (ppm)	4	4	1.21	.91	1.39	2009	No	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Barium (ppm)	2	2	0.038034	NA		2009	No	Discharge of drilling waste Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	0.000522	NA		2009	No	Discharge from steel and iron mills; Erosion of natural deposits

## PWS 0440081 Plant No. Three – Old Yorkville Road

<u>Contaminants</u>	<u>MCLG or MRDLG</u>	<u>MCL, TT, or MRDL</u>	<u>Your Water</u>	<u>Range</u> <u>Low</u> <u>High</u>		<u>Sample Date</u>	<u>Violation</u>	<u>Typical Source</u>
<b>Disinfectants &amp; Disinfection By-Products</b>								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)								
Chlorine (as Cl2) (ppm)	4	4	1.20	1.15	1.24	2009	No	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Barium (ppm)	2	2	0.081862	NA		2009	No	Discharge of drilling waste Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	0.000657	NA		2009	No	Discharge from steel and iron mills; Erosion of natural deposits
<u>Contaminants</u>	<u>MCLG</u>	<u>AL</u>	<u>Your Water</u>	<u>Sample Date</u>	<u># Samples Exceeding AL</u>	<u>Exceeds AL</u>	<u>Typical Source</u>	
<b>Inorganic Contaminants</b>								
Lead - action level at consumer taps (ppb)	0	15	1	2007	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	

### Violations and Exceedances

#### 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. A violation occurred on the "B" system of the above PWS I.D. in the month of November 2009. Three of the samples indicated coliforms thus exceeding the one allowable sample. Follow-up samples were taken at the sites where total coliform was detected, upstream of each side and downstream of each site. Results showed all samples free of total coliform and the chlorine residuals in this area were in the normal ranges and there had been no interruption in the disinfection process. Proper notice was mailed to those in the affected area.

## PWS 0440101 – Herman-Vaughn Road

<u>Contaminants</u>	<u>MCLG or MRDLG</u>	<u>MCL, TT, or MRDL</u>	<u>Your Water</u>	<u>Range</u> <u>Low</u> <u>High</u>		<u>Sample Date</u>	<u>Violation</u>	<u>Typical Source</u>
<b>Disinfectants &amp; Disinfection By-Products</b>								

(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)

Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4	1.13	0.97	1.32	2009	No	Water additive used to control microbes
<b>Inorganic Contaminants</b>								
Barium (ppm)	2	2	0.088456	NA		2009	No	Discharge of drilling waste Discharge from metal refineries; Erosion of natural deposits
Chromium (ppb)	100	100	0.001193	NA		2009	No	Discharge from steel and iron mills; Erosion of natural deposits
TTHMs [Total Trihalomethanes] (ppb)	NA	80	1.06	NA		2009	No	By-product of drinking water disinfection

<b>Unit Descriptions</b>	
<b>Term</b>	<b>Definition</b>
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

<b>Important Drinking Water Definitions</b>	
<b>Term</b>	<b>Definition</b>
MCLG	MCLG: Maximum Contaminant Level Goal: 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.
MCL	MCL: Maximum Contaminant Level: 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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

**For more information please contact:**  
 Post Office Box 9190  
 Columbus, MS 39705  
 662-328-1065 office

Grant Mitchell, General Manager  
 gnm@cableone.net  
 www.eastlowndes.com  
 662-327-0915 fax

STATE OF MISSISSIPPI,

County of Lowndes

PERSONALLY CAME before me, the undersigned, a notary public in and for Lowndes County, Mississippi, the CLERK of the Commercial Dispatch, a newspaper published in the City of Columbus, who, being duly sworn, deposes and says that the COMMERCIAL DISPATCH is a newspaper as defined and prescribed in Section 13-3-31 of the Mississippi Code of 1972, as amended effective July 1, 1976, and that the publication of a notice, of which the annexed is a copy, in the matter of

East Lowndes Water  
2009 Drinking Water  
Quality Report

has been made in said paper 1 times consecutively,  
to-wit:

On the 8 day of June, 20 10

On the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

On the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

On the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

On the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

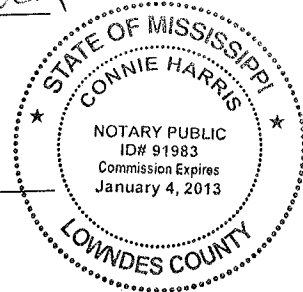
On the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

[Signature]  
Clerk

SWORN TO and subscribed before me, this

8 day of June, 20 10

[Signature]  
Notary Public



## 2009 Drinking Water Quality Report - East Lowndes Water Association, Inc.

**Is my water safe?**  
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**Where does my water come from?**  
 Our water comes from two wells: seven draw from the Ocoee Formation and two from the Coker Formation.

**Source water assessment and its availability**  
 Our source water assessment has been completed. Our wells were ranked LOWER in terms of susceptibility to contamination. For a copy of the report, please contact our office at 662-328-1065.

**Why are there contaminants in my drinking water?**  
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**Water Quality Data Tables**  
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### PWS 0440005 Plant One - Lee Stokes Road

Contaminant	MCLG or MRLD/L	MCL or MRLD	TT or Water	Your Range	Sample High	Sample Date	Violation	Typical Source	
<b>Disinfectants &amp; Disinfection By-Products</b> (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)									
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4		1.23	1.17	1.30	2009	No	Water additive used to control microbes
Inorganic Contaminants									
Barium (ppm)	2	2		0.087151	NA	2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	
Chromium (ppb)	100	100		0.000877	NA	2009	No	Discharge from steel and pulp mills; Erosion of natural deposits	

### PWS 0440080 Plant Two - Huckleberry Road

Contaminant	MCLG or MRLD/L	MCL or MRLD	TT or Water	Your Range	Sample High	Sample Date	Violation	Typical Source	
<b>Disinfectants &amp; Disinfection By-Products</b> (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)									
Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4		1.21	91	1.59	2009	No	Water additive used to control microbes
Inorganic Contaminants									
Barium (ppm)	2	2		0.038034	NA	2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	
Chromium (ppb)	100	100		0.000522	NA	2009	No	Discharge from steel and pulp mills; Erosion of natural deposits	

### PWS 0440091 Plant No. Three - Old Yorkville Road

Contaminant	MCLG or MRLD/L	MCL or MRLD	TT or Water	Your Range	Sample High	Sample Date	Violation	Typical Source	
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Chlorine (as Cl <sub>2</sub> ) (ppm)	4	4		1.20			2009	No	Water additive used to control microbes
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Barium (ppm)	2	2		0.081862	NA	2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	
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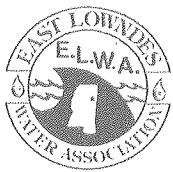
**Violations and Exceedences**  
 Total Coliform: Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. A violation occurred on the "B" system of the above PWS ID in the month of November 2009. Three of the samples indicated coliforms, thus exceeding the one allowable sample. Follow-up samples were taken at the sites where total coliform was detected upstream of each site and downstream of each site. Results showed all samples free of total coliform and the chlorine residuals in this area were in the normal range and there had been no interruption in the disinfection process. Proper notice was mailed to those in the affected area.

### PWS 0440101 - Herman-Vaughn Road

Contaminant	MCLG or MRLD/L	MCL or MRLD	TT or Water	Your Range	Sample High	Sample Date	Violation	Typical Source	
<b>Disinfectants &amp; Disinfection By-Products</b> (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)									
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Inorganic Contaminants									
Barium (ppm)	2	2		0.088456	NA	2009	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	
Chromium (ppb)	100	100		0.001123	NA	2009	No	Discharge from steel and pulp mills; Erosion of natural deposits	
Trihalomethanes (Total Trihalomethanes) (ppb)	NA	80		1.05	NA	2009	No	By-product of drinking water disinfection	

**Unit Abbreviations**  
 ppm: parts per million, or milligrams per liter (mg/L)  
 ppb: parts per billion, or micrograms per liter (µg/L)  
 NA: not applicable  
 ND: Not Detected  
 NR: Monitoring not required, but recommended.

**Important Drinking Water Definitions**  
**Term**      **Definition**  
 MCLG      MCLG: Maximum Contaminant Level Goal. 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.  
 MCL      MCL: Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water.  
 MCLs are set as close to the MCLG as feasible using the best available treatment technology.  
 TT      TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.  
 AL      AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.  
 Variance and Exemption      Variance and Exemption: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.  
 MRLD/L      MRLD/L: Maximum residual disinfectant level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health.  
 MRLD      MRLD: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water.  
 MRLDs do not reflect the benefits of the use of disinfectants to control microbial contaminants.  
 MNR      MNR: Monitoring Not Required.  
 MPE      MPE: State Approved Maximum Permissible Level.  
 For more information please contact: Grant Mitchell, General Manager, Post Office Box 9190, gmm@ealco.net, Columbus, MS 39705, www.eastlowndes.com, 662-328-1065 office, 662-327-0918 fax.



# 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

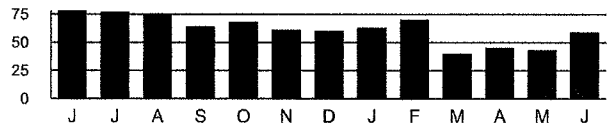
CUSTOMER NUMBER	ACCOUNT NUMBER	SERVICE PERIOD	DAYS	PIN #
13990	24\3670-2	04/30/2010 - 06/01/2010	32	7588
SERVICE	PREVIOUS READING	PRESENT READING	USAGE	AMOUNT DUE
WATER SRVC	12052	12111	59	29.50
				<b>WILL BE PAID BY BANK DRAFT</b>

Bank Draft available upon request.

**Your annual Water Quality Report was run in the Commercial Dispatch on June 8, 2010 and will not be mailed to you unless you make a specific request. The report is also available on the Association's web site [www.eastlowndes.com](http://www.eastlowndes.com).**

<b>TOTAL DUE NOW</b>		29.50
DUE DATE	06/20/2010	BILL IS DELINQUENT AFTER DUE DATE
<b>AFTER DUE DATE PAY</b>		\$32.45

### Your Water Use Over the Last 13 Months



PERIOD	DAYS	GAL USED x100	DAILY AVG. GAL. x100
CURRENT MONTH	32	59	1.84
LAST MONTH	30	43	1.43
YEAR AGO	107	78	0.73

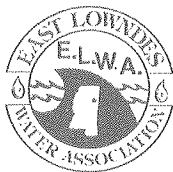
**OUR NIGHT DEPOSITORY IS LOCATED AT THE BUSINESS OFFICE. 1325 RIDGE ROAD.**

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	92 NATURE TRAIL ESTATE	
CUSTOMER NO.	PAST DUE AFTER	PREVIOUS BALANCE
13990	06/20/2010	0.00
ACCOUNT NUMBER	NET AMOUNT DUE	TOTAL DUE IF PAID LATE
24\3670-2	29.50	32.45



24364-07A\*##1\*00001 \*\*\*\*\*AUTO\*\*5-DIGIT 39702  
SILAS YARBROUGH  
92 NATURE TRL  
COLUMBUS MS 39702-9301

00001



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