CERTIFICATION
Consumer Confidence Report (CCR)

ACL WATER ASSOCIATION, INC.
Public Water Supply Name

PWS ID# 0610001 & PWS ID#0610041
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 to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the public water system, 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 mail, fax or email a copy of the CCR and Certification to 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 (MUST Email the message to the address below)
☐ Other

Date(s) customers were informed: 05/30/2017, 06/26/2017

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used ON CUSTOMER BILL

Date Mailed/Distributed: 05/30/2017, 06/26/2017

CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: / / 

☐ As a URL (Provide 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: RANKIN COUNTY NEWS

Date Published: 04/26/2017, 05/03/2017

CCR was posted in public places. (Attach list of locations) Date Posted: 05/01/2017

CCR was posted on a publicly accessible internet site at the following address (DIRECT URL REQUIRED):

CERTIFICATION
I hereby certify that the Consumer Confidence Report (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 public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Name/Title (President, Mayor, Owner, etc.) KEVIN RHODES, PRESIDENT

Date 06/20/2017

Submission options (Select one method ONLY)

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

Fax: (601) 576 - 7800

Email: water.reports@msdh.ms.gov

CCR Deadline to MSDH & Customers by July 1, 2017!
We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality 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 ensuring the quality of your water. Our water source is from wells drawing from the Sparta Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall sustainability of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the sustainability determinations were made has been furnished to our public water system and is available for viewing upon request. The media for the ACL Water Association have received a letter to moderate sustainability rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Perry Overby, Certified Operator, at 601-546-3222. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Thursday of each month at 7:00 PM at the ACL Water Office located at 1192 HWY 43 South, Pelahatchie, MS 38945.

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 we monitored during the period of January 1st to December 31st, 2016. In some cases, monitoring wasn't required in 2016, so 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 elements and can pick up substances or contaminants from the presence of minerals or from human activity, insecticide contaminants, such as viruses and bacteria, that may come from sewage treatment plants, animal or human activity, industrial contaminants, such as salts and metals, which can be naturally occurring or result from other sources, and agricultural operations, such as pesticides and herbicides, which may come from agricultural activities, including weeds and pests that may be used on crops, and 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 that may contain small amounts of certain contaminants, it's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

The quality water system has been found to be sustainable in all areas of concern. In this test, we found no known or suspected contaminants in your drinking water which would lead to a decline in water quality.

Inorganic Contaminants

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Value</th>
<th>YR</th>
<th>Date Collected</th>
<th>Level Detected</th>
<th>Range of Detectable MCLs</th>
<th>MCLG</th>
<th>ACL</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Barium</td>
<td>2.46</td>
<td>2016</td>
<td>9-11-2015</td>
<td>2000</td>
<td>100</td>
<td>2</td>
<td>Soil leaching from wellhead areas, water wells, and other natural deposits</td>
<td></td>
</tr>
<tr>
<td>2. Chromium</td>
<td>1.0</td>
<td>2016</td>
<td>No Range</td>
<td>50</td>
<td>150</td>
<td>125</td>
<td>Discharge from steel and other metallic objects and coal deposits</td>
<td></td>
</tr>
<tr>
<td>3. Copper</td>
<td>8.8</td>
<td>2016</td>
<td>No Range</td>
<td>100</td>
<td>250</td>
<td>25</td>
<td>Corrosion of household plumbing systems, croissants of natural deposits</td>
<td></td>
</tr>
<tr>
<td>4. Manganese</td>
<td>0.2</td>
<td>2016</td>
<td>No Range</td>
<td>0.1</td>
<td>0.5</td>
<td>0.4</td>
<td>Corrosion of household plumbing systems, croissants of natural deposits</td>
<td></td>
</tr>
<tr>
<td>5. Lead</td>
<td>0.01</td>
<td>2016</td>
<td>No Range</td>
<td>1.5</td>
<td>15</td>
<td>0.015</td>
<td>Corrosion of household plumbing systems, croissants of natural deposits</td>
<td></td>
</tr>
</tbody>
</table>

Disinfection By-Products

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Value</th>
<th>YR</th>
<th>Date Collected</th>
<th>Level Detected</th>
<th>Range of Detectable MCLs</th>
<th>MCLG</th>
<th>ACL</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. HAAD</td>
<td>4</td>
<td>2016</td>
<td>No Range</td>
<td>0</td>
<td>50</td>
<td>0</td>
<td>By-product of drinking water disinfection</td>
<td></td>
</tr>
<tr>
<td>2. THM (Total trihalogenated)</td>
<td>1.78</td>
<td>2016</td>
<td>No Range</td>
<td>0</td>
<td>65</td>
<td>0</td>
<td>By-product of drinking water disinfection</td>
<td></td>
</tr>
<tr>
<td>Chlorine</td>
<td>0.9</td>
<td>2016</td>
<td>2-1.1</td>
<td>0.1</td>
<td>10</td>
<td>0</td>
<td>Water additive used to control disinfectant residues</td>
<td></td>
</tr>
</tbody>
</table>
AFFIDAVIT

FWS ID#: 0610041

TEST RESULTS

<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Units</th>
<th>Date Collected</th>
<th>Level Detected</th>
<th>Range of Levels</th>
<th>Unit Measurement</th>
<th>MCLG</th>
<th>MCL</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>11. Chromium (Total)</td>
<td>N</td>
<td>2016</td>
<td>1</td>
<td>.7 - .1 ppm</td>
<td>100</td>
<td>100</td>
<td></td>
<td>Discharge from coal and pulp mills; erosion of natural deposits.</td>
</tr>
<tr>
<td>13. Copper</td>
<td>N</td>
<td>2012-2014</td>
<td>.1 ppm</td>
<td>1.5</td>
<td>AL=1.3</td>
<td></td>
<td></td>
<td>Oxides of iron and copper; plating of construction materials.</td>
</tr>
<tr>
<td>17. Lead</td>
<td>N</td>
<td>2012-2014</td>
<td>.1 ppm</td>
<td>0</td>
<td>AL=8</td>
<td></td>
<td></td>
<td>Corrosion of household plumbing systems; erosion of natural deposits.</td>
</tr>
</tbody>
</table>

Disinfection By-Products

<table>
<thead>
<tr>
<th>By-Products</th>
<th>Units</th>
<th>Date Collected</th>
<th>Level Detected</th>
<th>Range of Levels</th>
<th>Unit Measurement</th>
<th>MCLG</th>
<th>MCL</th>
</tr>
</thead>
<tbody>
<tr>
<td>89. Haloacetic Acid</td>
<td>N</td>
<td>2016</td>
<td>16</td>
<td>No Range</td>
<td>ppm</td>
<td>60</td>
<td>1.0</td>
</tr>
<tr>
<td>92. TTHM</td>
<td>N</td>
<td>2016</td>
<td>20.4</td>
<td>No Range</td>
<td>ppm</td>
<td>60</td>
<td>2.0</td>
</tr>
<tr>
<td>Chloride</td>
<td>N</td>
<td>2016-2017</td>
<td>1.2 mg/L</td>
<td>1 - 1.3 mg/L</td>
<td>mg/L</td>
<td>MDL</td>
<td>4.0</td>
</tr>
</tbody>
</table>


We are required to monitor your drinking water for specific constituents on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for microbiological sampling that showed no coliform present. In an effort to ensure systems comply all monitoring requirements, MDSH 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 State Drinking Water Hotline at 1-800-428-4701 or at http://www.epa.gov/watersource/waterlead.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be minerals, inorganic or organic chemicals and radioactively substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contamination. 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 1-800-428-4701.

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 microorganisms are available from the Safe Drinking Water Hotline 1-800-428-4701.

The ACL 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.
ACL Water Association, Inc.
1182 Highway 43 South
Pelahatchie, MS 39145-3338
(601) 546-2322

Water 6564500 6534300 30,200 54.20
Walters Fire (OPTIONAL) 1.00
Tax 3.79

ACCOUNT # 666 6/27/17

4 58.99 5.80 64.79

****2016 CONSUMER CONFIDENCE REPORT IS AVAILABLE AT ACL OFFICE & RANKIN COUNTY NEWS****
****PLEASE PAY BALANCE BY THE 20TH OF EACH MONTH TO AVOID A $30.00 SERVICE FEE AND POSSIBLE DISCONNECTION OF SERVICE****

PAT LEWIS JR
FARM
481 GADDIS MYERS RD
PELAHATCHIE MS
39145-3351
2016 Annual Drinking Water Quality Report
ACL Water Association
PWS#: 0610001 & 0610041
April 2017

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 ensuring the quality of your water. Our water source is from wells drawing from the Sparta 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 identified 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 ACL Water Association have received a lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Perry Overby, Certified Operator, at 901-546-2322. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the third Thursday of each month at 7:00 PM at the ACL Water Office located at 1162 HWY 43 South, Pelahatchie, MS 38945.

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 we detected during the period of January 1st to December 31st, 2016. In cases where monitoring wasn’t required in 2016, 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 constituents. It's important to remember that the presence of these constituents 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.

<table>
<thead>
<tr>
<th>PWS ID#: 0610001</th>
<th>TEST RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contaminant</td>
<td>Violation Y/N</td>
</tr>
</tbody>
</table>

**Inorganic Contaminants**
<table>
<thead>
<tr>
<th>Contaminant</th>
<th>Violation</th>
<th>Date Collected</th>
<th>Level Detected</th>
<th>Range of Detects or # of Samples Exceeding MCL/ACL</th>
<th>Unit Measure-ment</th>
<th>MCLG</th>
<th>MCL</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. Barium</td>
<td>N</td>
<td>2016</td>
<td>.0013</td>
<td>.0012 - .0013</td>
<td>ppm</td>
<td>2</td>
<td>2</td>
<td>Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits</td>
</tr>
<tr>
<td>13. Chromium</td>
<td>N</td>
<td>2016</td>
<td>1</td>
<td>.7 - 1</td>
<td>ppb</td>
<td>100</td>
<td>100</td>
<td>Discharge from steel and pulp mills; erosion of natural deposits</td>
</tr>
<tr>
<td>14. Copper</td>
<td>N</td>
<td>2012/14*</td>
<td>.1</td>
<td>0</td>
<td>ppm</td>
<td>1.3</td>
<td>AL=1.3</td>
<td>Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives</td>
</tr>
<tr>
<td>16. Fluoride</td>
<td>N</td>
<td>2016</td>
<td>.114</td>
<td>.108 - .114</td>
<td>ppm</td>
<td>4</td>
<td>4</td>
<td>Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories</td>
</tr>
<tr>
<td>17. Lead</td>
<td>N</td>
<td>2012/14*</td>
<td>1</td>
<td>0</td>
<td>ppb</td>
<td>0</td>
<td>AL=15</td>
<td>Corrosion of household plumbing systems, erosion of natural deposits</td>
</tr>
</tbody>
</table>

**Disinfection By-Products**

<table>
<thead>
<tr>
<th>Contaminant [Total trihalomethanes]</th>
<th>Violation</th>
<th>Date Collected</th>
<th>Level Detected</th>
<th>Range of Detects or # of Samples Exceeding MCL/ACL</th>
<th>Unit Measure-ment</th>
<th>MCLG</th>
<th>MCL</th>
<th>Likely Source of Contamination</th>
</tr>
</thead>
<tbody>
<tr>
<td>81. HAA5</td>
<td>N</td>
<td>2016</td>
<td>16</td>
<td>No Range</td>
<td>ppb</td>
<td>0</td>
<td>60</td>
<td>By-Product of drinking water disinfection</td>
</tr>
<tr>
<td>82. TTHM</td>
<td>N</td>
<td>2016</td>
<td>20.4</td>
<td>No Range</td>
<td>ppb</td>
<td>0</td>
<td>80</td>
<td>By-product of drinking water chlorination.</td>
</tr>
<tr>
<td>Chlorine</td>
<td>N</td>
<td>2015*</td>
<td>2.1</td>
<td>1 - 1.3</td>
<td>mg/l</td>
<td>0</td>
<td>MDRL = 4</td>
<td>Water additive used to control microbes</td>
</tr>
</tbody>
</table>

*Most recent sample. No sample required for 2016.*

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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.

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 microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

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